LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.169	644	652	658	rVV2	258136	586051	5.20%	0.245%
2	8.720	909	916	922	rVB	271063	475673	4.22%	0.199%
3	9.120	973	984	989	rBV2	444377	952806	8.46%	0.398%
4	9.373	1022	1027	1034	rVB3	245375	491234	4.36%	0.205%
5	9.708	1078	1084	1087	rBV	444285	750326	6.66%	0.314%
6	9.901	1107	1117	1121	rBV3	285726	588857	5.23%	0.246%
7	10.007	1129	1135	1142	rVV6	529334	1147424	10.19%	0.480%
8	10.225	1165	1172	1177	rVV2	640410	1201280	10.67%	0.502%
9	10.283	1177	1182	1192	rVB2	264152	514457	4.57%	0.215%
10	10.401	1193	1202	1206	rBV5	242848	680503	6.04%	0.285%
11	10.448	1206	1210	1217	rVB2	371230	687733	6.11%	0.288%
12	10.518	1217	1222	1231	rBV3	274694	707203	6.28%	0.296%
13	10.712	1246	1255	1258	rBV6	207606	572964	5.09%	0.240%
14	10.800	1262	1270	1277	rVV2	628508	2066826	18.35%	0.864%
15	10.877	1278	1283	1289	rVV2	814482	1963168	17.43%	0.821%
16	10.941	1289	1294	1303	rVB4	453377	1172466	10.41%	0.490%
17	11.035	1305	1310	1316	rBV	350361	591686	5.25%	0.247%
18	11.235	1340	1344	1350	rVV4	307983	688882	6.12%	0.288%
19	11.317	1350	1358	1363	rVB3	464005	1021291	9.07%	0.427%
20	11.488	1383	1387	1390	rBV4	329970	570830	5.07%	0.239%
21	11.599	1401	1406	1411	rBV2	253339	481317	4.27%	0.201%
22	11.741	1424	1430	1437	rVB2	745260	1483986	13.18%	0.620%
23	11.852	1444	1449	1450	rBV	339724	505636	4.49%	0.211%
24	11.876	1450	1453	1458	rVV3	483831	877245	7.79%	0.367%
25	11.934	1458	1463	1468	rVB	640973	1135373	10.08%	0.475%
26	12.017	1472	1477	1483	rVV3	662012	1219802	10.83%	0.510%
27	12.146	1497	1499	1505	rVB	359514	480217	4.26%	0.201%
28	12.493	1552	1558	1564	rVB	3114810	5519555	49.01%	2.308%
29	12.575	1564	1572	1580	rBV5	424930	1551442	13.78%	0.649%
30	12.704	1587	1594	1604	rVB2	2253698	4789669	42.53%	2.003%
31	13.004	1641	1645	1649	rVB3	396231	595380	5.29%	0.249%
32	13.186	1671	1676	1682	rVB6	780097	1425551	12.66%	0.596%
33	13.321	1696	1699	1703	rVB3	416252	579418	5.14%	0.242%
34	13.468	1721	1724	1732	rVB3	627501	1451817	12.89%	0.607%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Title : SVOA CALIBRATION

35	13.591	1739	1745	1750	rVB2	896192	1772829	15.74%	0.741%
36	13.691	1757	1762	1764	rBV	1542851	2275036	20.20%	0.951%
37	13.826	1778	1785	1786	rBV	3392762	5095253	45.24%	2.130%
38	13.991	1806	1813	1818	rVV	5712373	11262104	100.00%	4.709%
39	14.044	1818	1822	1827	rVB2	4390728	6525688	57.94%	2.729%
40	14.126	1833	1836	1841	rVB	774760	1071899	9.52%	0.448%
41	14.173	1841	1844	1847	rBV3	322293	517546	4.60%	0.216%
42	14.220	1847	1852	1856	rBV	2502776	4294954	38.14%	1.796%
43	14.349	1870	1874	1877	rBV3	849824	1455315	12.92%	0.609%
44	14.384	1877	1880	1889	rVB2	1576127	2823488	25.07%	1.181%
45	14.490	1895	1898	1903	rVB4	647499	931658	8.27%	0.390%
46	14.543	1904	1907	1911	rBV5	271102	501152	4.45%	0.210%
47	14.625	1917	1921	1923	rBV2	805366	1206096	10.71%	0.504%
48	14.649	1923	1925	1931	rVV3	994413	1423453	12.64%	0.595%
49	14.708	1931	1935	1938	rVV2	804918	1273514	11.31%	0.532%
50	14.743	1938	1941	1945	rVV2	959184	1386343	12.31%	0.580%
51	14.784	1945	1948	1955	rVB	977812	1572352	13.96%	0.657%
52	14.872	1957	1963	1971	rVB	2889083	7521254	66.78%	3.145%
53	14.948	1972	1976	1984	rVB3	1273708	2205065	19.58%	0.922%
54	15.060	1987	1995	2002	rVV	4503644	8614507	76.49%	3.602%
55	15.142	2002	2009	2016	rVV	4279767	6591449	58.53%	2.756%
56	15.283	2027	2033	2037	rBV	3561549	6265255	55.63%	2.620%
57	15.336	2037	2042	2046	rVB	3023116	4521576	40.15%	1.891%
58	15.454	2054	2062	2065	rBV2	2493032	5781775	51.34%	2.418%
59	15.483	2065	2067	2074	rVB2	2282383	2907655	25.82%	1.216%
60	15.618	2085	2090	2093	rVB4	930964	1579242	14.02%	0.660%
61	15.701	2101	2104	2108	rVB2	1554694	2033017	18.05%	0.850%
62	15.753	2108	2113	2117	rBV3	1247194	2250837	19.99%	0.941%
63	15.877	2130	2134	2137	rBV3	1351517	1957974	17.39%	0.819%
64	15.918	2137	2141	2147	rVB2	2117138	3468109	30.79%	1.450%
65	15.983	2148	2152	2156	rBV3	1011366	2024940	17.98%	0.847%
66	16.018	2156	2158	2163	rVB	1611097	2022291	17.96%	0.846%
67	16.077	2164	2168	2172	rBV3	648251	1293398	11.48%	0.541%
68	16.118	2172	2175	2178	rVB	889148	991445	8.80%	0.415%
69	16.153	2178	2181	2188	rBV2	974153	1487034	13.20%	0.622%
70	16.218	2189	2192	2196	rBV	1165876	1419162	12.60%	0.593%
71	16.382	2215	2220	2232	rVB3	4865890	9018401	80.08%	3.771%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Title : SVOA CALIBRATION

72	16.523	2238	2244	2247	rBV	2112521	3532096	31.36%	1.477%
73	16.635	2260	2263	2264	rBV3	513206	598867	5.32%	0.250%
74	16.770	2282	2286	2290	rVB2	2048564	3004784	26.68%	1.256%
75	16.923	2308	2312	2314	rBV2	726597	1176934	10.45%	0.492%
76	17.064	2333	2336	2341	rBV3	1122277	1684143	14.95%	0.704%
77	17.211	2358	2361	2363	rBV	737264	871408	7.74%	0.364%
78	17.410	2390	2395	2398	rBV4	685842	1343333	11.93%	0.562%
79	17.463	2398	2404	2408	rVV	3930850	6536662	58.04%	2.733%
80	17.504	2408	2411	2416	rVB3	916588	1387278	12.32%	0.580%
81	17.816	2460	2464	2469	rBV3	1392058	2420551	21.49%	1.012%
82	17.892	2474	2477	2482	rVB2	1176303	1638167	14.55%	0.685%
83	18.292	2540	2545	2549	rBV	3279509	5477186	48.63%	2.290%
84	18.345	2549	2554	2559	rVB	4243030	7060294	62.69%	2.952%
85	18.480	2572	2577	2581	rBV2	2715153	4427274	39.31%	1.851%
86	18.527	2581	2585	2590	rVB	2557490	3587817	31.86%	1.500%
87	18.585	2592	2595	2600	rBV4	510899	806385	7.16%	0.337%
88	18.679	2608	2611	2617	rVB3	1234723	1867365	16.58%	0.781%
89	18.785	2625	2629	2634	rBV3	1076206	2152170	19.11%	0.900%
90	19.003	2663	2666	2668	rBV	868687	1180070	10.48%	0.493%
91	19.032	2668	2671	2676	rVV2	1686376	2142340	19.02%	0.896%
92	19.085	2677	2680	2683	rVB	1199535	1441112	12.80%	0.603%
93	19.208	2696	2701	2705	rBV	4513597	7021525	62.35%	2.936%
94	19.296	2714	2716	2720	rVB	1453180	1573565	13.97%	0.658%
95	19.343	2720	2724	2729	rBV	1109014	2474801	21.97%	1.035%
96	19.461	2741	2744	2751	rBV5	1171440	2029147	18.02%	0.848%
97	19.831	2804	2807	2814	rVB2	3298335	5269835	46.79%	2.203%
98	19.902	2815	2819	2824	rVB	2089028	3362631	29.86%	1.406%
99	20.618	2938	2941	2945	rBV	1964483	2649928	23.53%	1.108%
100	20.665	2946	2949	2952	rVV	1261069	1573313	13.97%	0.658%

Sum of corrected areas: 239162115

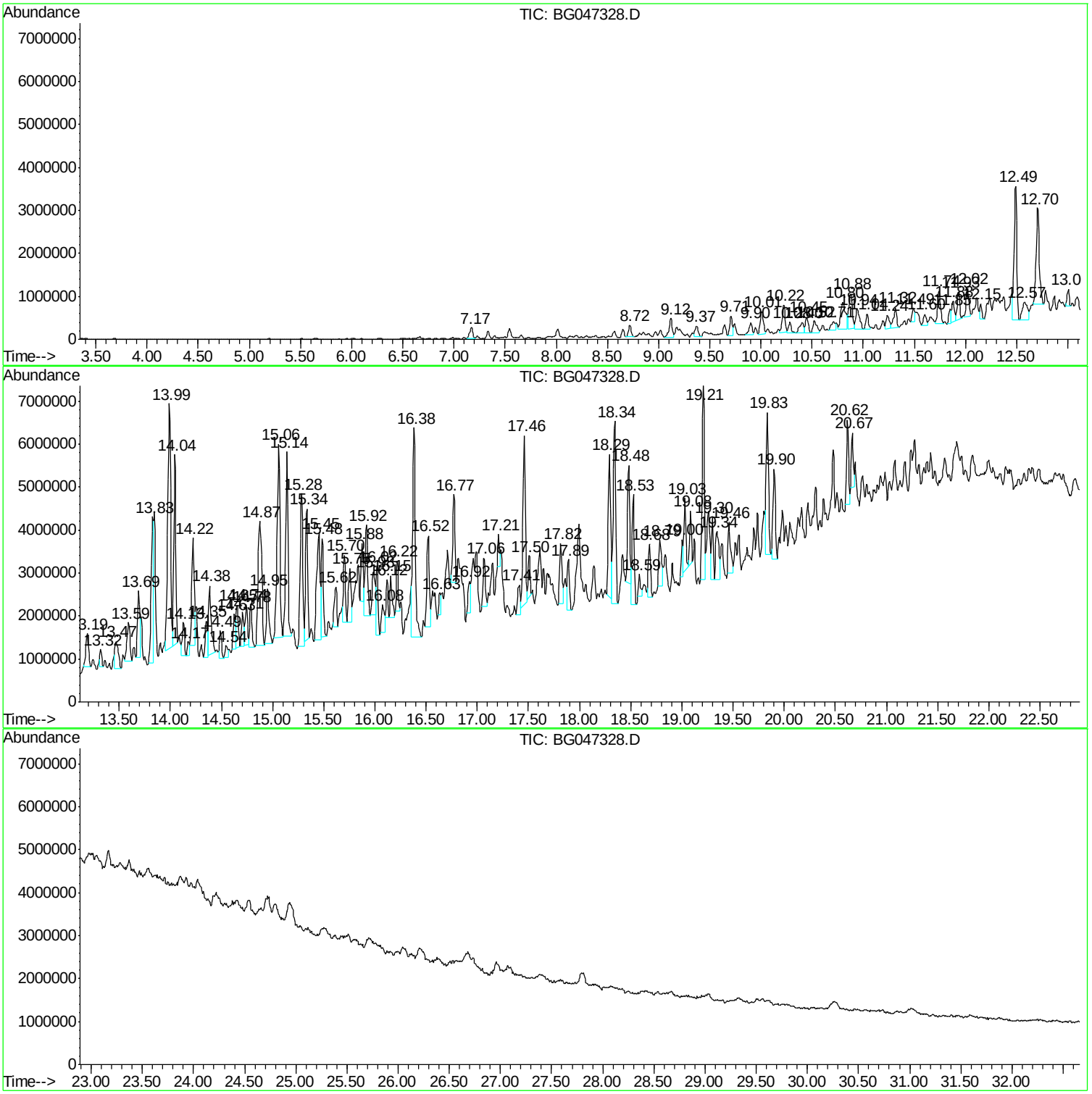
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

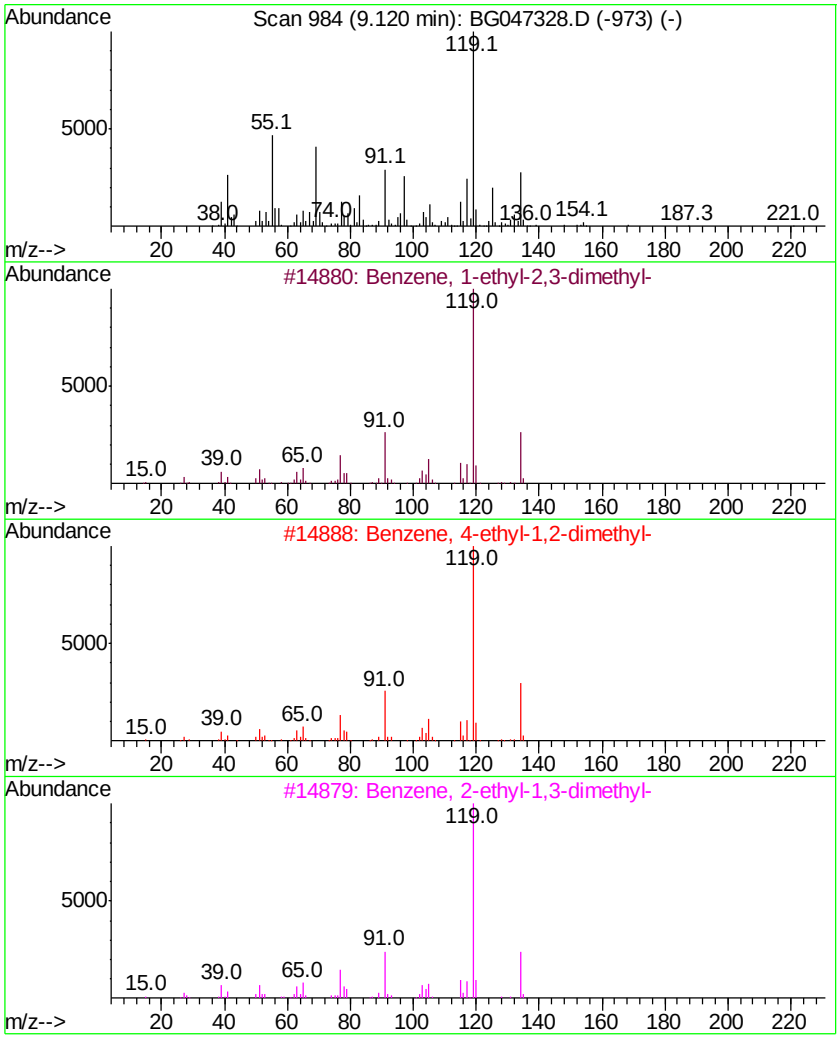
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

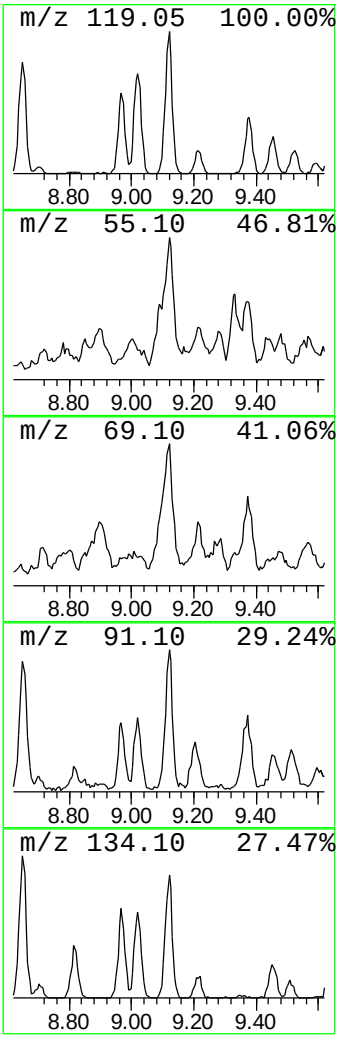
****

Peak Number 1 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	40.06 ng/ul	952806	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	92
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	o-Cymene	134	C10H14	000527-84-4	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

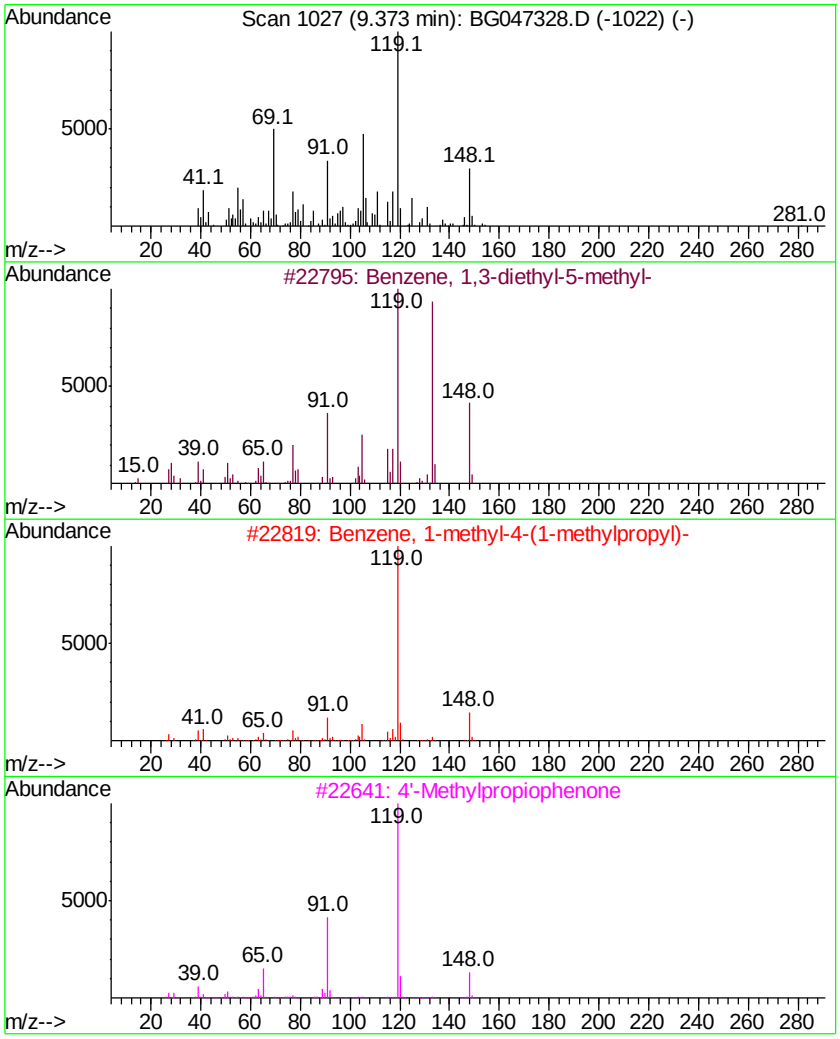
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

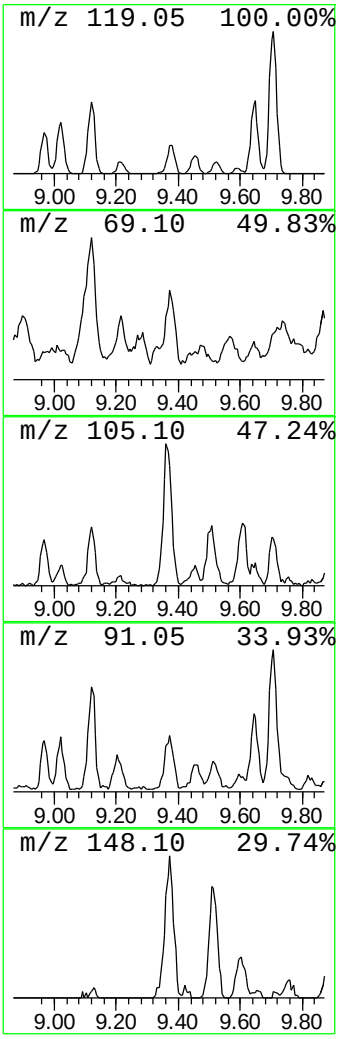
****

Peak Number 2 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	20.65 ng/ul	491234	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	70
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
3	4'-Methylpropiophenone	148	C10H12O	005337-93-9	52
4	2-Ethyl-2-methyl-1,3-dithiolane	148	C6H12S2	006008-81-7	52
5	Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

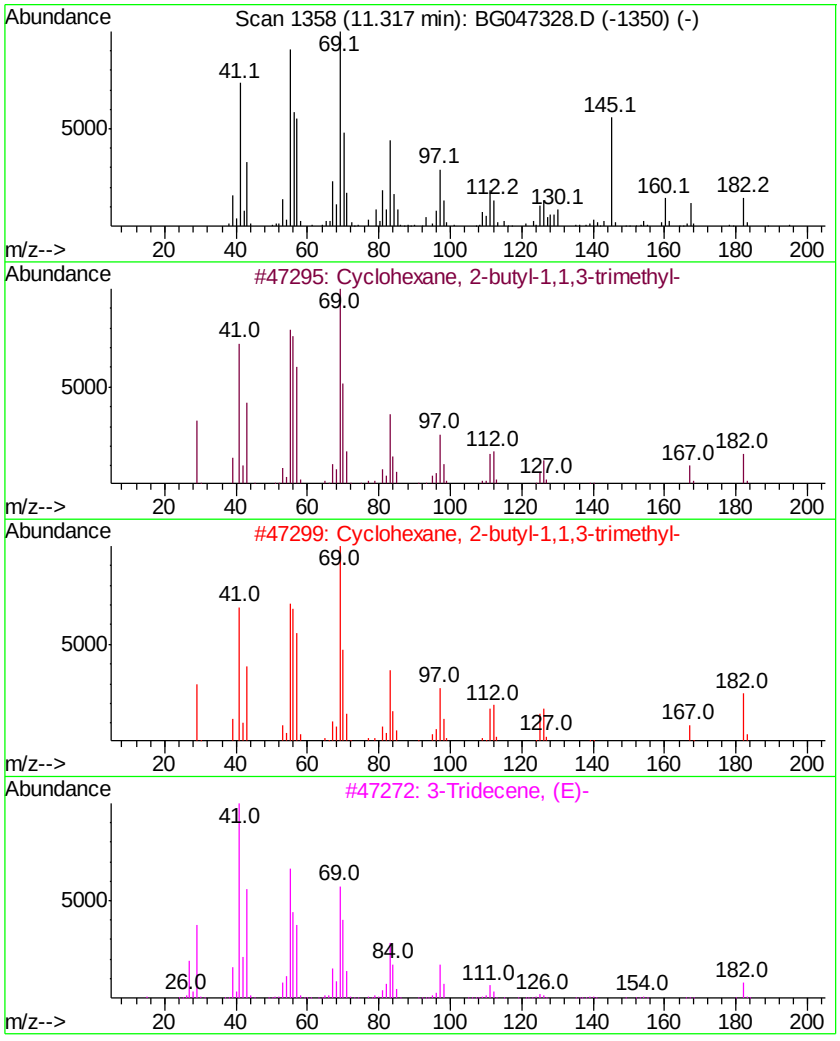
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

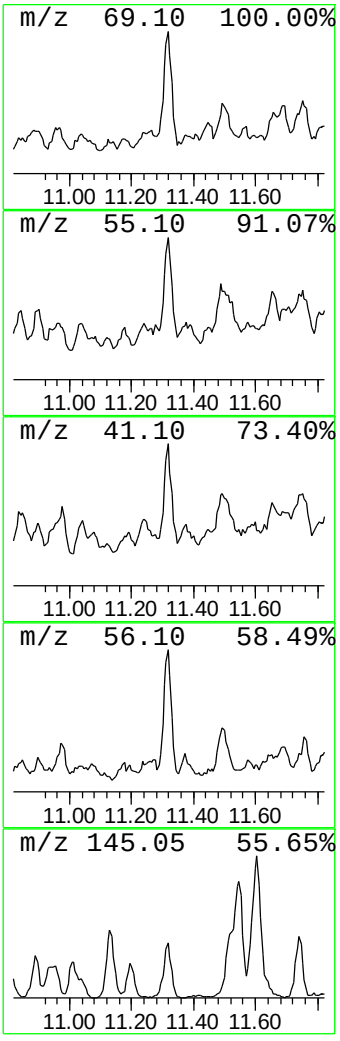
****

Peak Number 10 (DEL) Alkane: Cyclic11.32 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	9.88 ng/ul	1021290	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	94
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	89
3	3-Tridecene, (E)-	182	C13H26	041446-57-5	76
4	6-Tridecene, (E)-	182	C13H26	006434-76-0	76
5	6-Tridecene, (Z)-	182	C13H26	006508-77-6	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

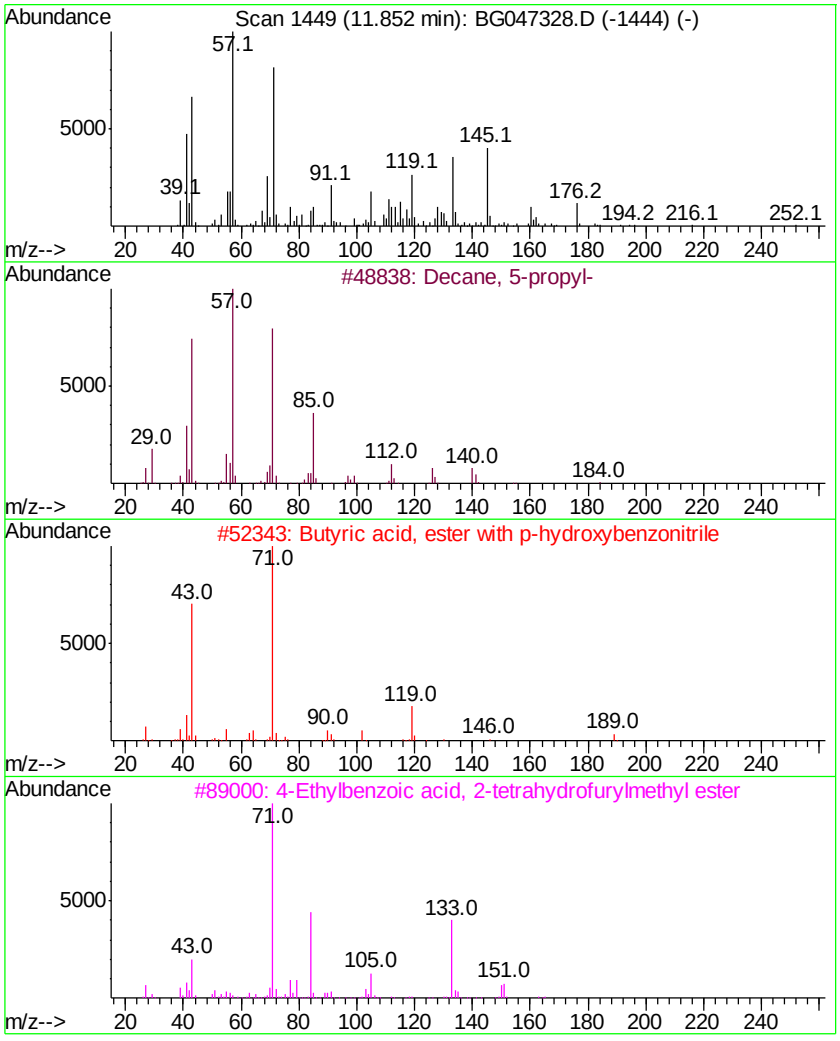
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

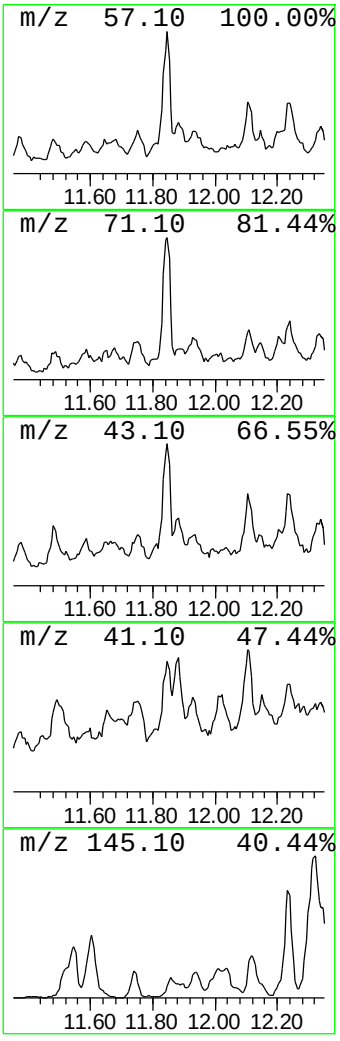
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	4.89 ng/ul	505636	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-propyl-	184	C13H28	017312-62-8	38
2	Butyric acid, ester with p-hydro...	189	C11H11NO2	029052-10-6	35
3	4-Ethylbenzoic acid, 2-tetrahydr...	234	C14H18O3	1000293-49-8	35
4	Octane, 1-iodo-	240	C8H17I	000629-27-6	27
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

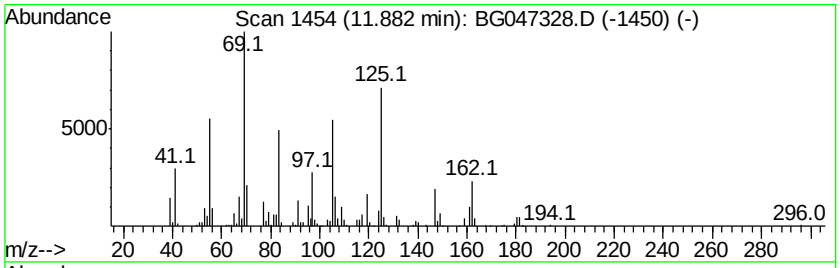
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

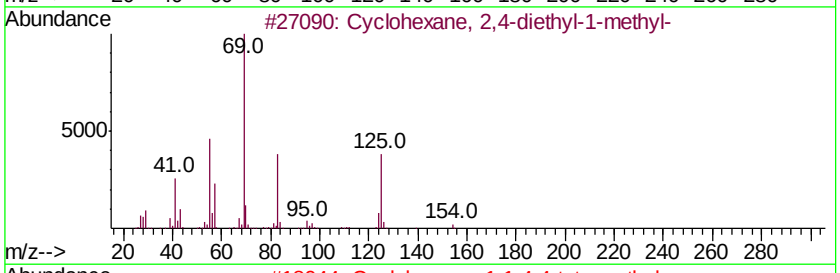
****

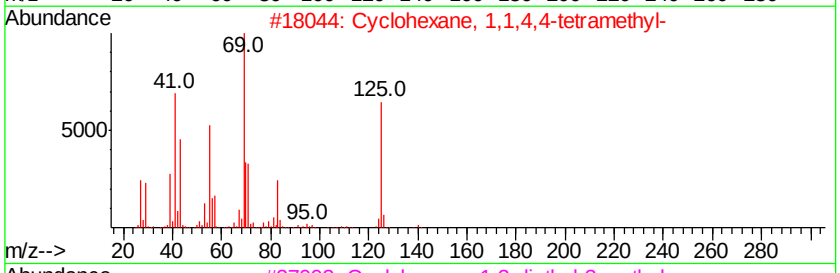
Peak Number 15 (DEL) Alkane: Cyclic1.88 Concentration Rank 56

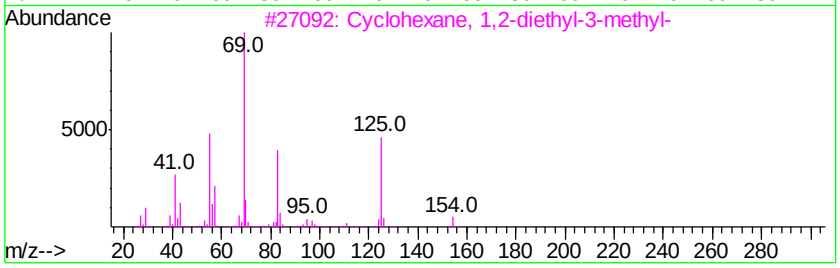
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	8.49 ng/ul	877245	Naphthalene-d8	10.82

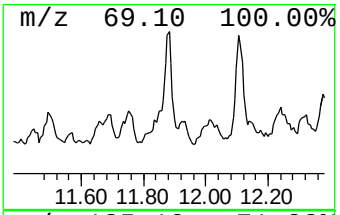
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	43
2	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	38
3	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	37
4	6-Dodecene, (E)-	168	C12H24	007206-17-9	35
5	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	27

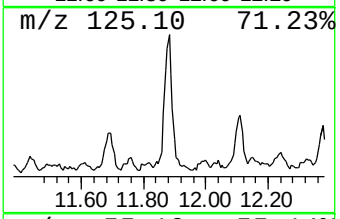


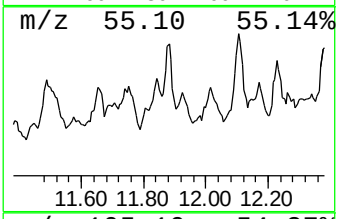


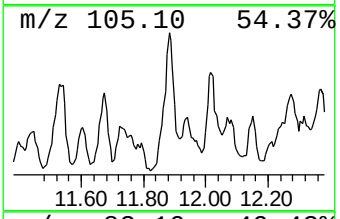


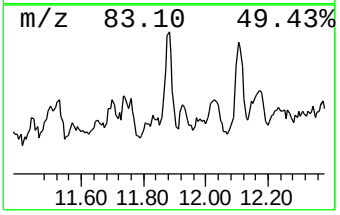












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

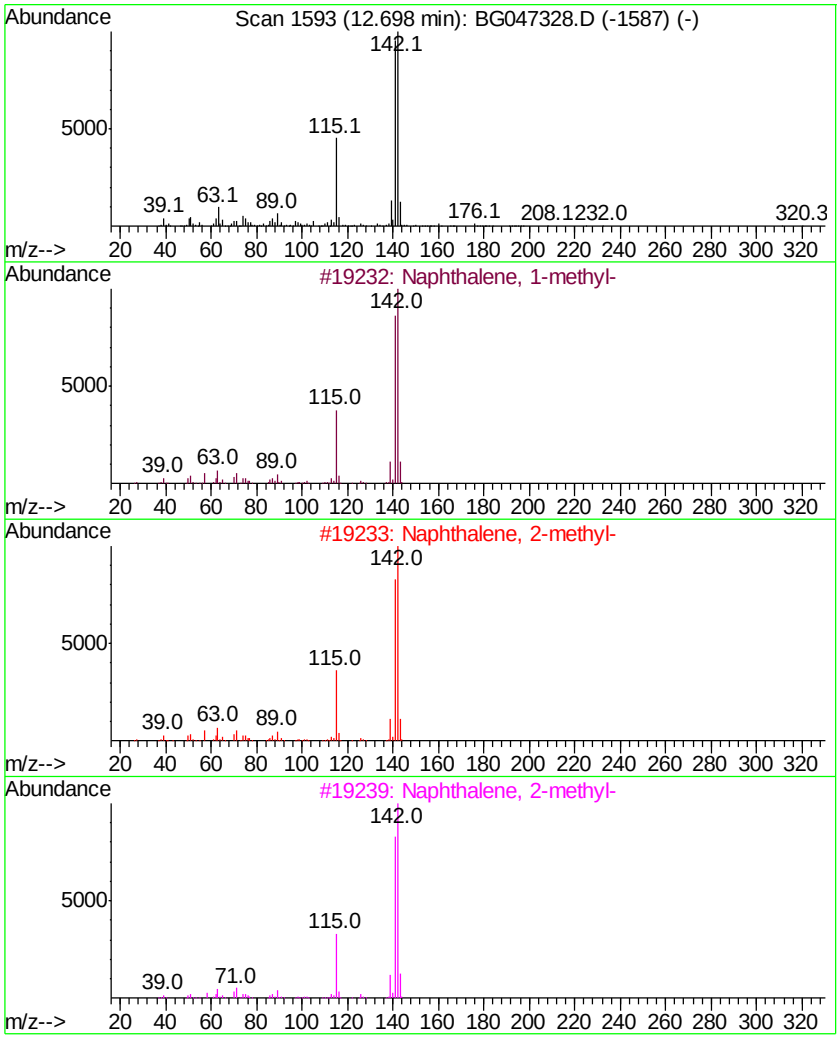
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

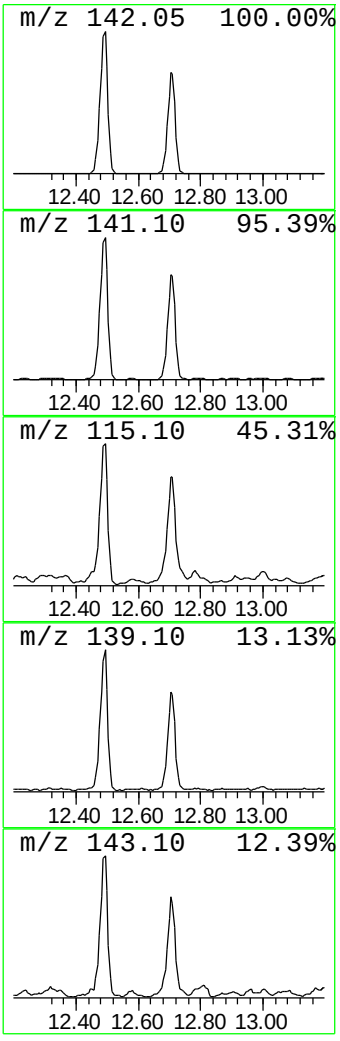
****

Peak Number 20 Naphthalene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	46.35 ng/ul	4789670	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Library Search Compound Report

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Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

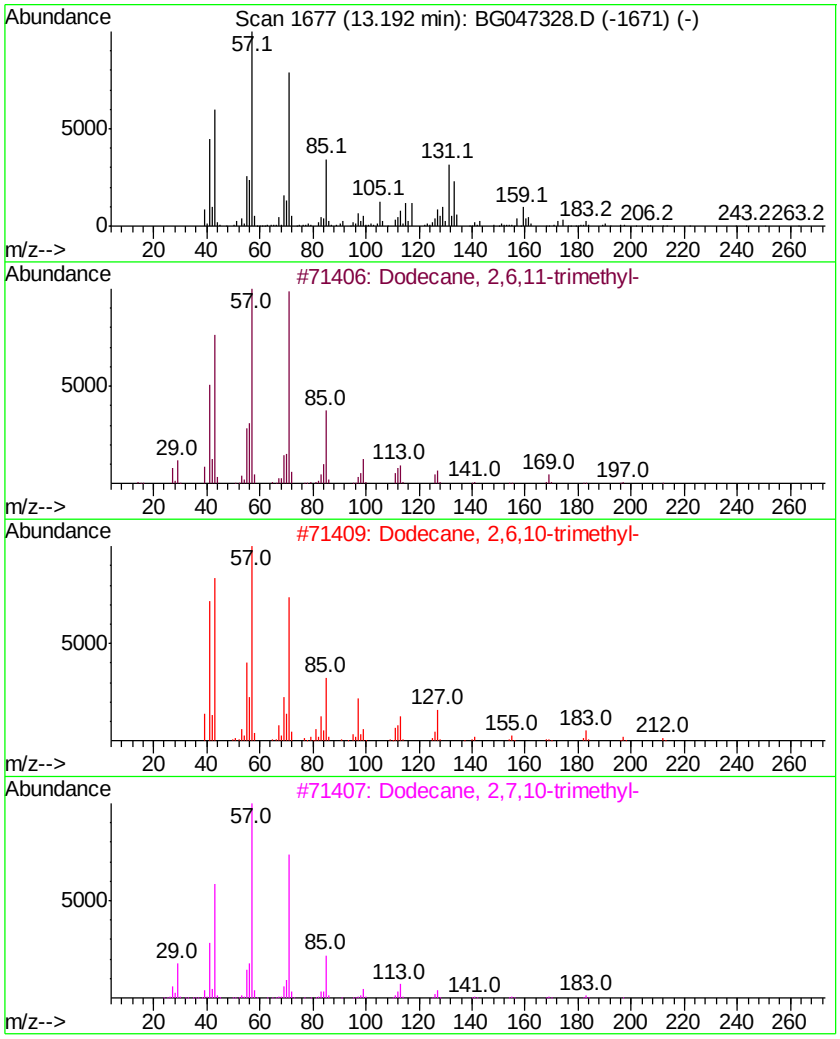
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

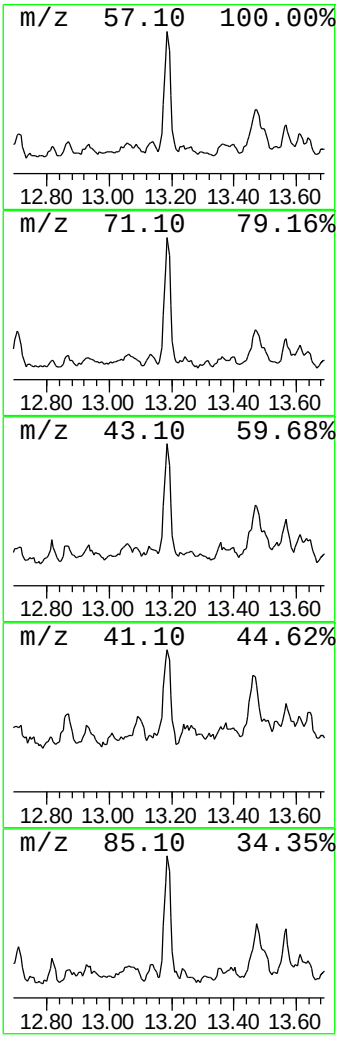
****

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	20.03 ng/ul	1425550	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	70
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	62
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	62
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	58





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Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

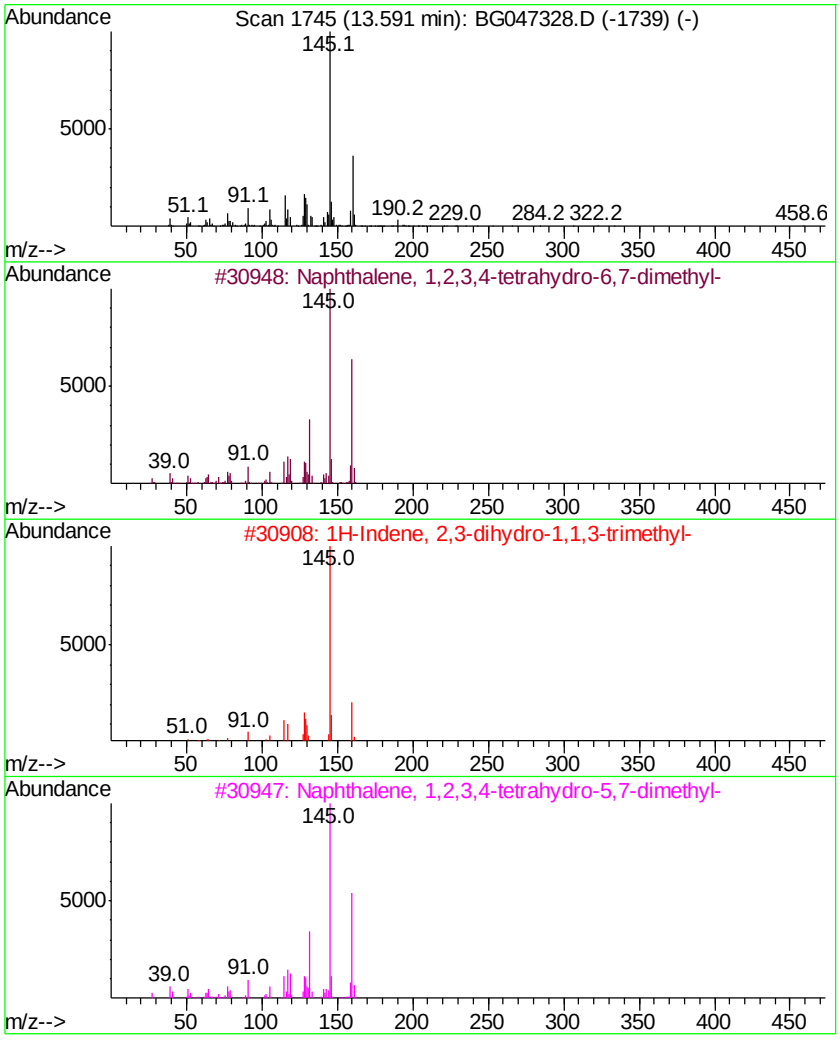
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

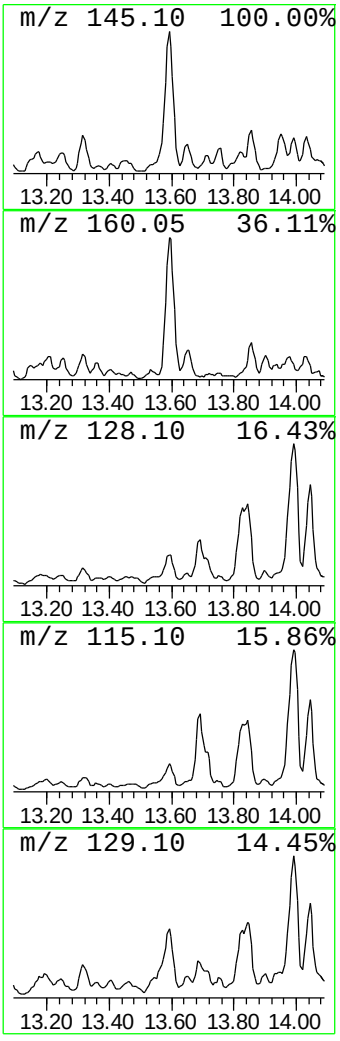
****

Peak Number 24 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	24.91 ng/ul	1772830	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	90
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	90
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	90
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	90





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Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

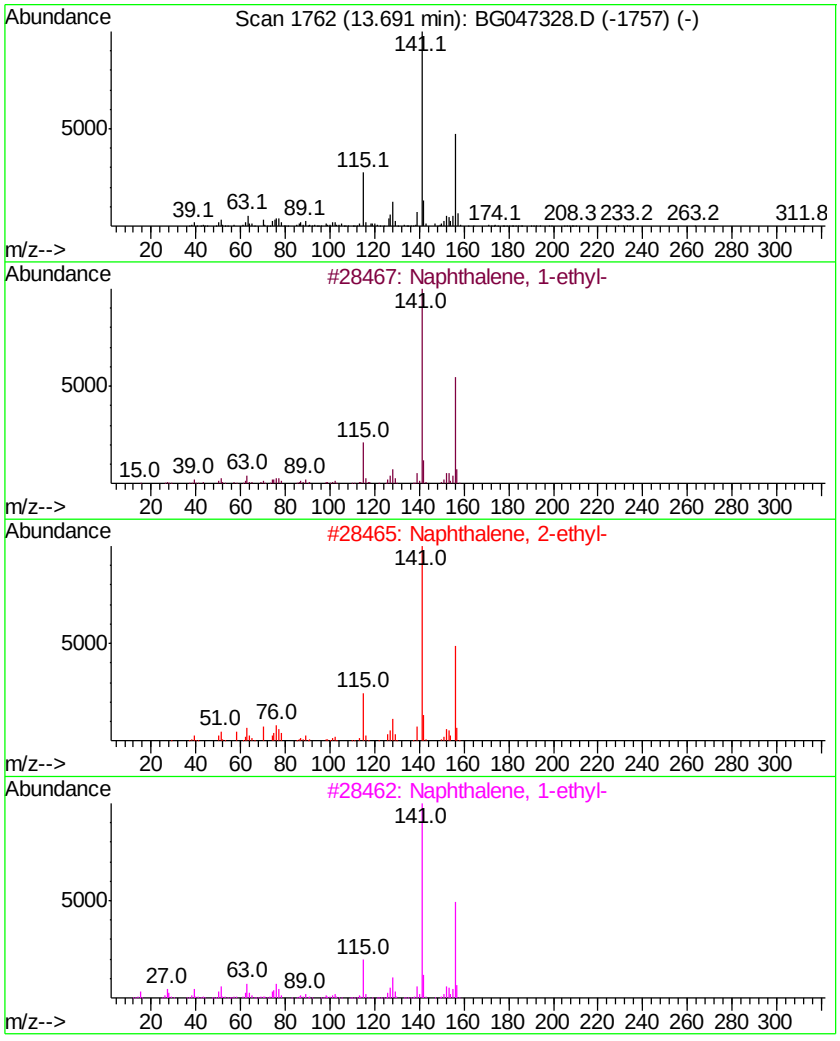
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

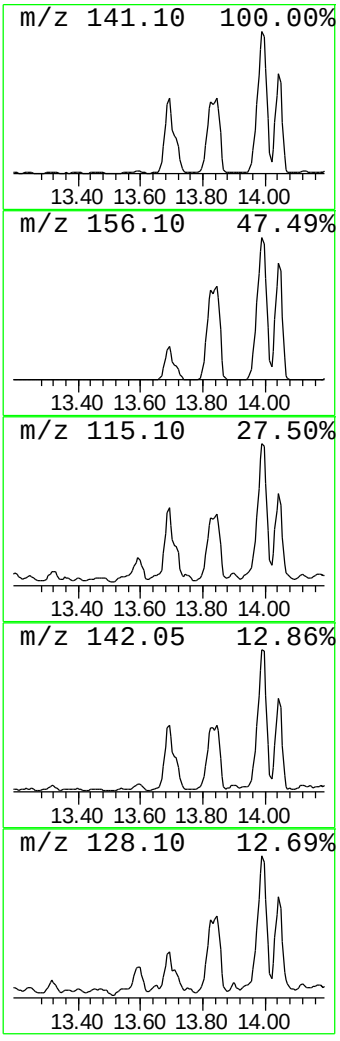
****

Peak Number 25 Naphthalene, 1-ethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	31.97 ng/ul	2275040	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90





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Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

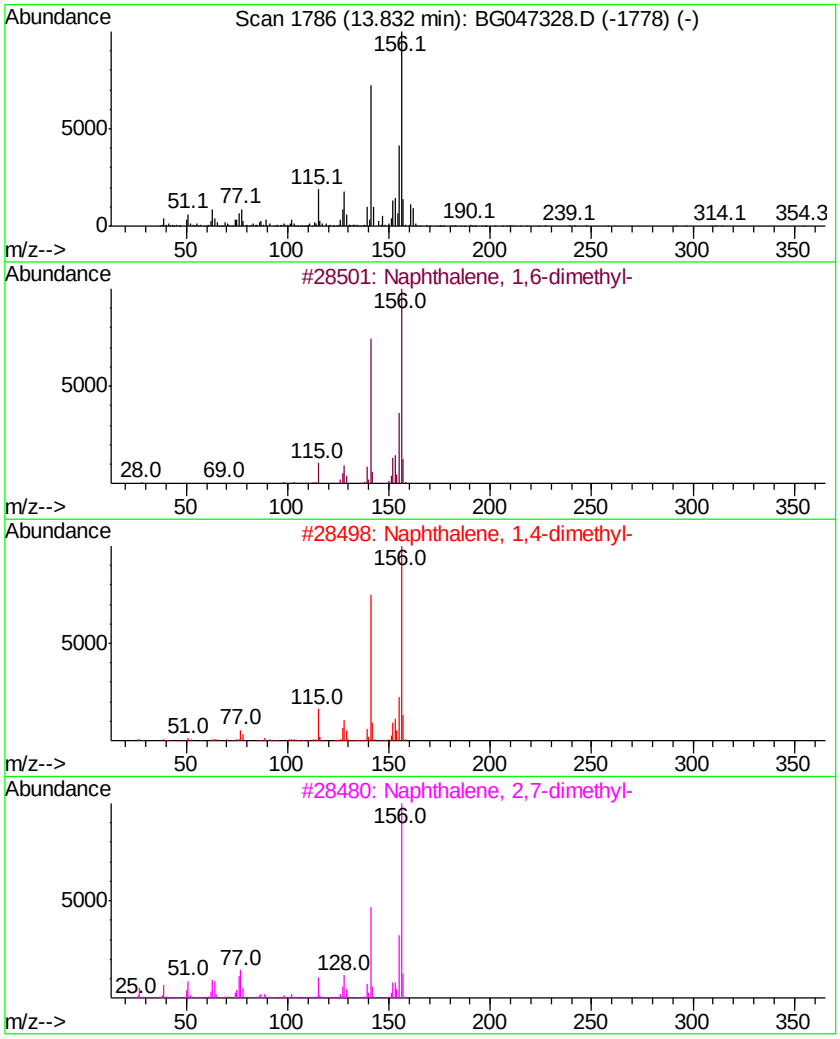
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

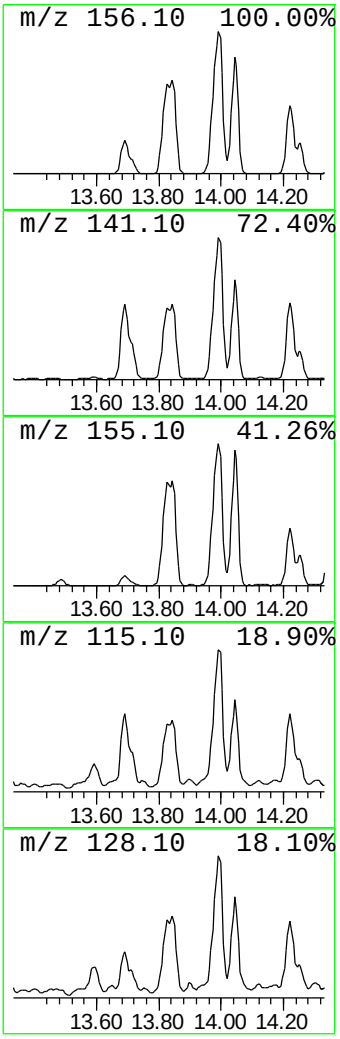
****

Peak Number 26 Naphthalene, 1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	71.59 ng/ul	5095250	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94





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Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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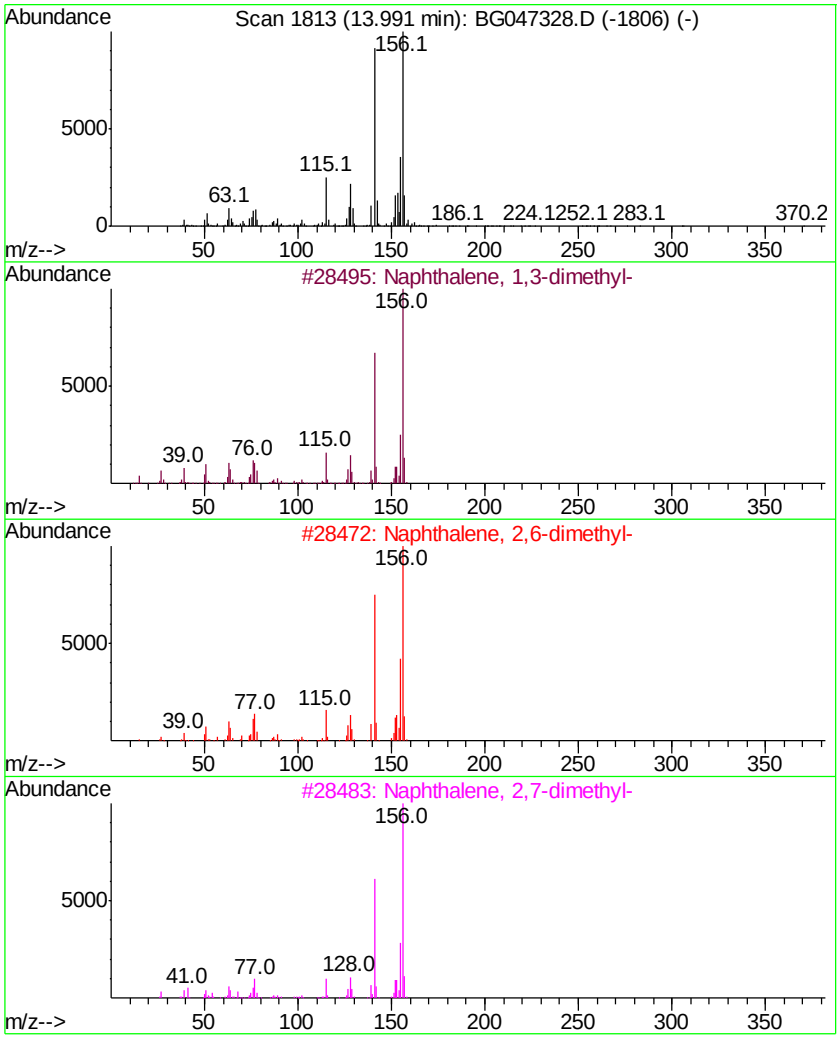
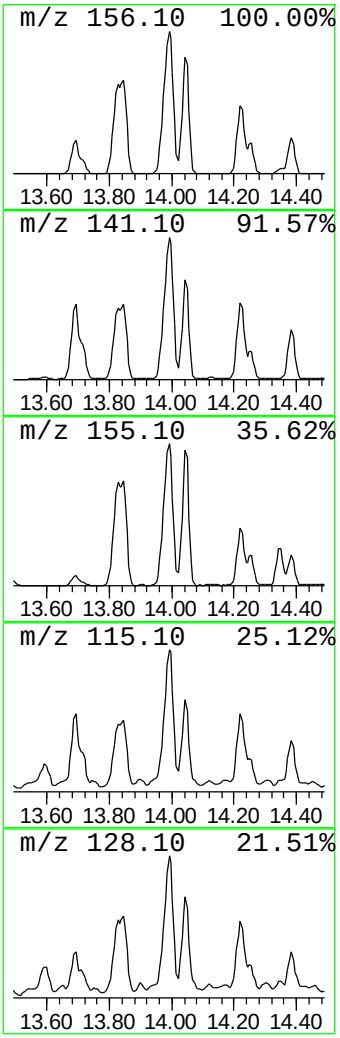
Peak Number 27 Naphthalene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	158.24 ng/ul	11262100	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

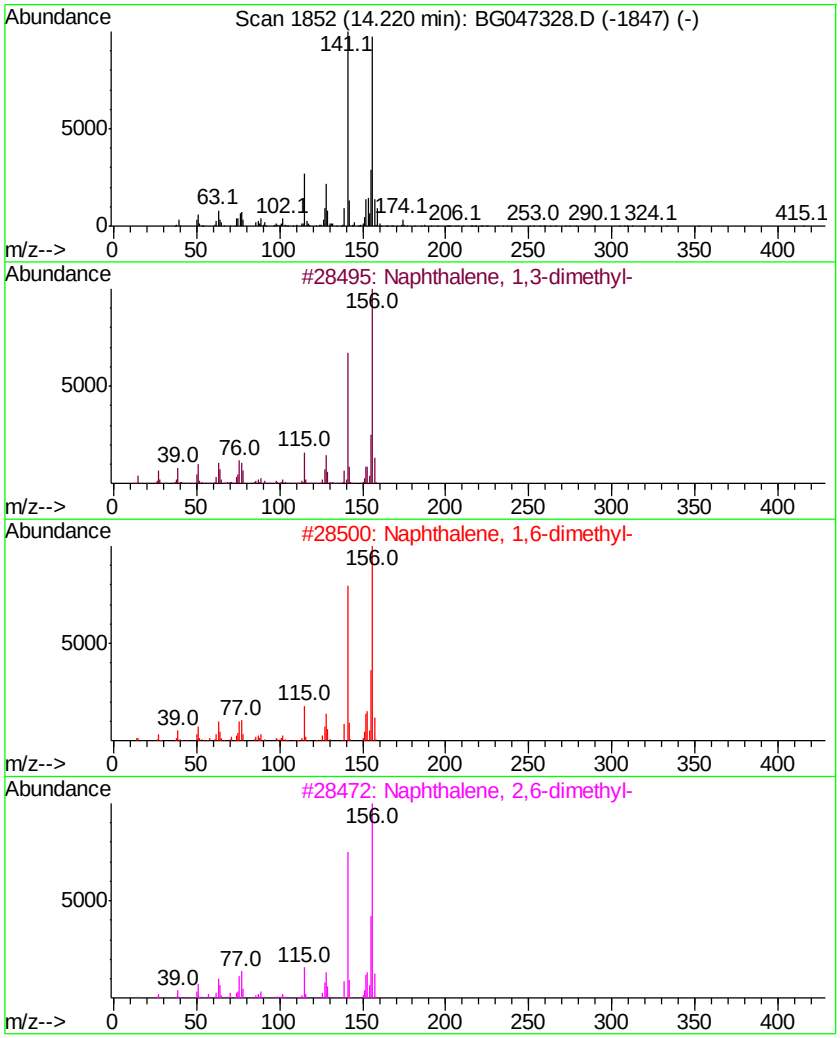
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

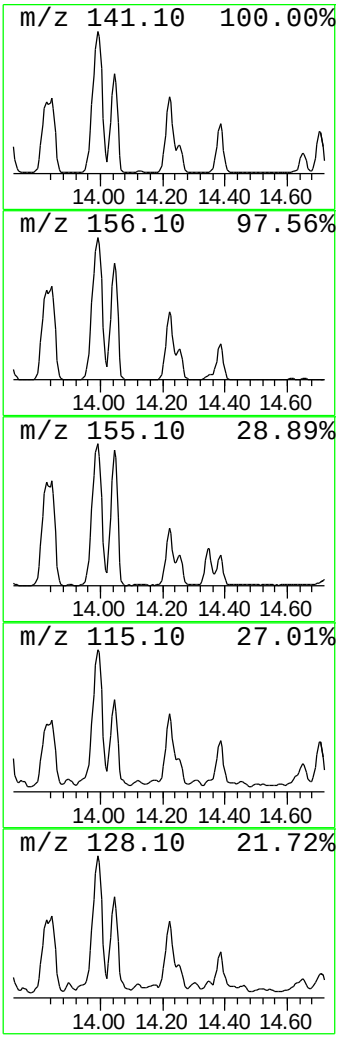
****

Peak Number 29 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	60.35 ng/ul	4294950	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





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Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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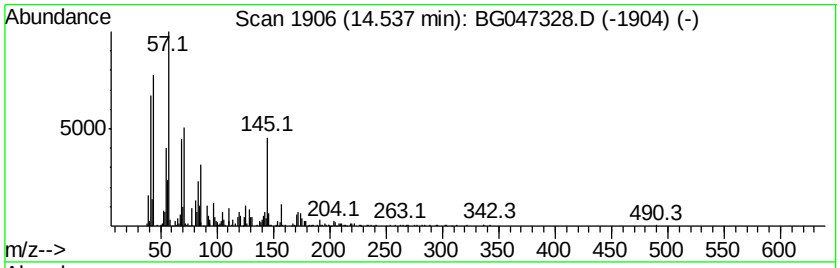
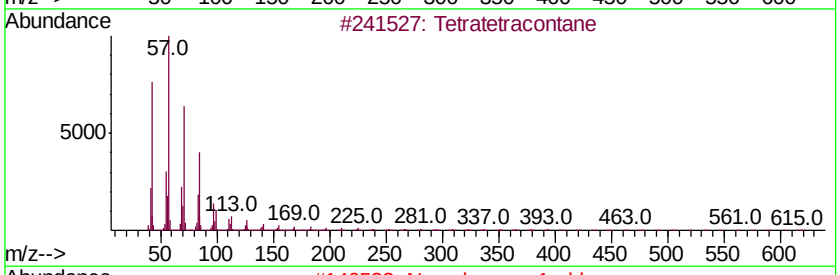
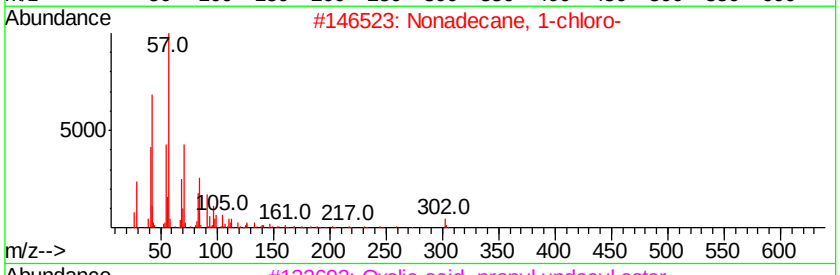
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 61

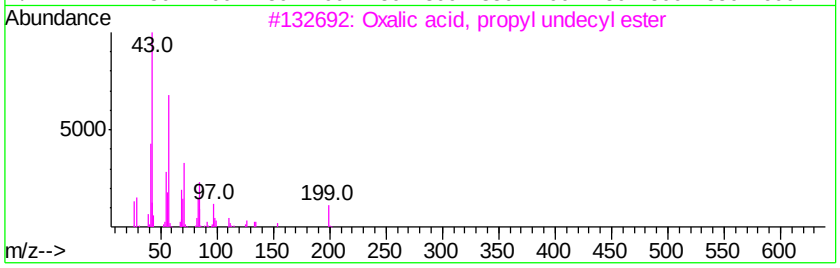
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	7.04 ng/ul	501152	Acenaphthene-d10	14.65

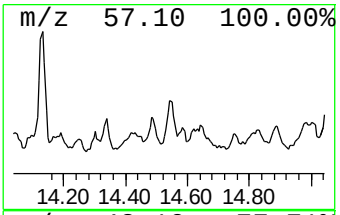
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	74
2	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	74
3	Oxalic acid, propyl undecyl ester	286	C16H30O4	1000309-26-4	72
4	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	72
5	Tritetracontane	605	C43H88	007098-21-7	72

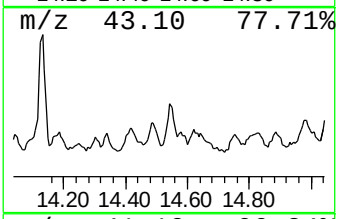


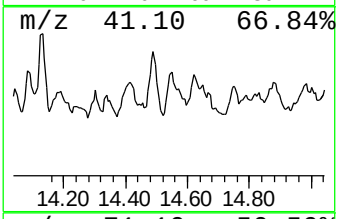


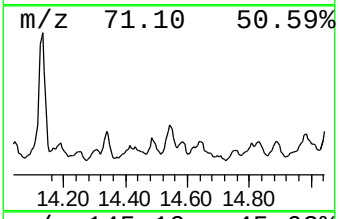


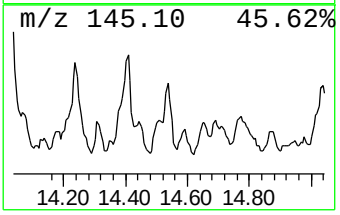












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Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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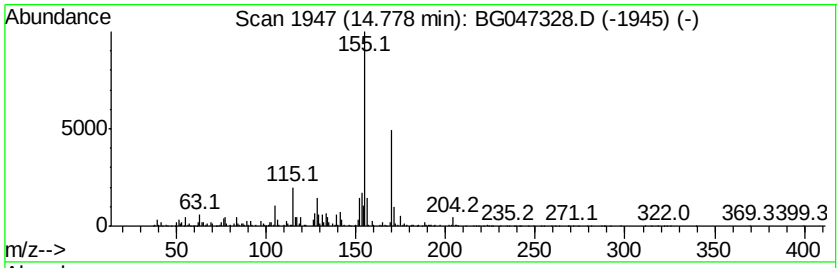
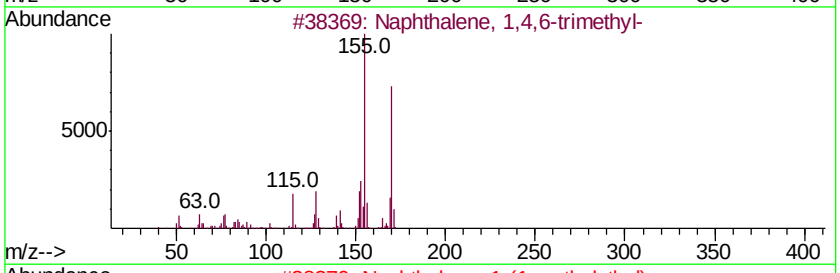
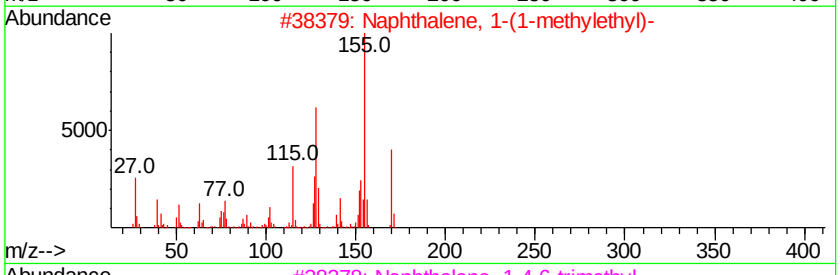
Peak Number 32 Naphthalene, 1,4,6-trimethyl- Concentration Rank 36

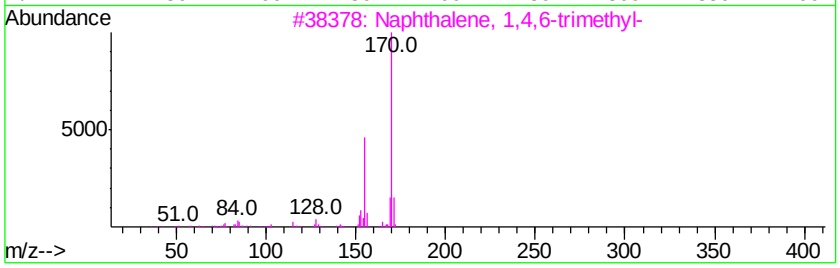
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	22.09 ng/ul	1572350	Acenaphthene-d10	14.65

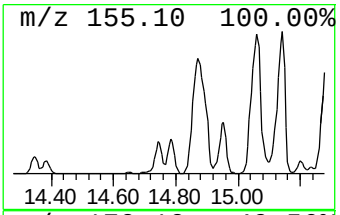
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	95
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91

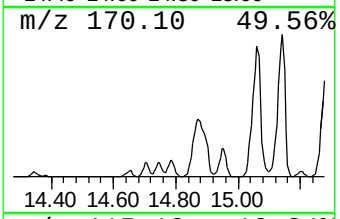


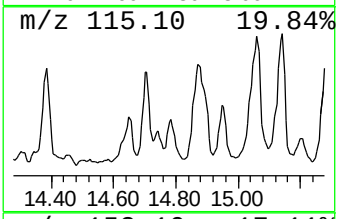


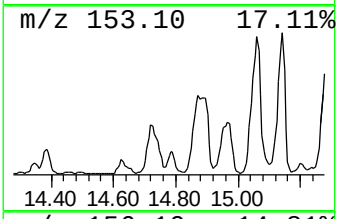


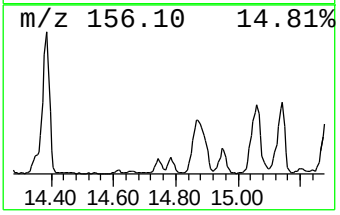












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Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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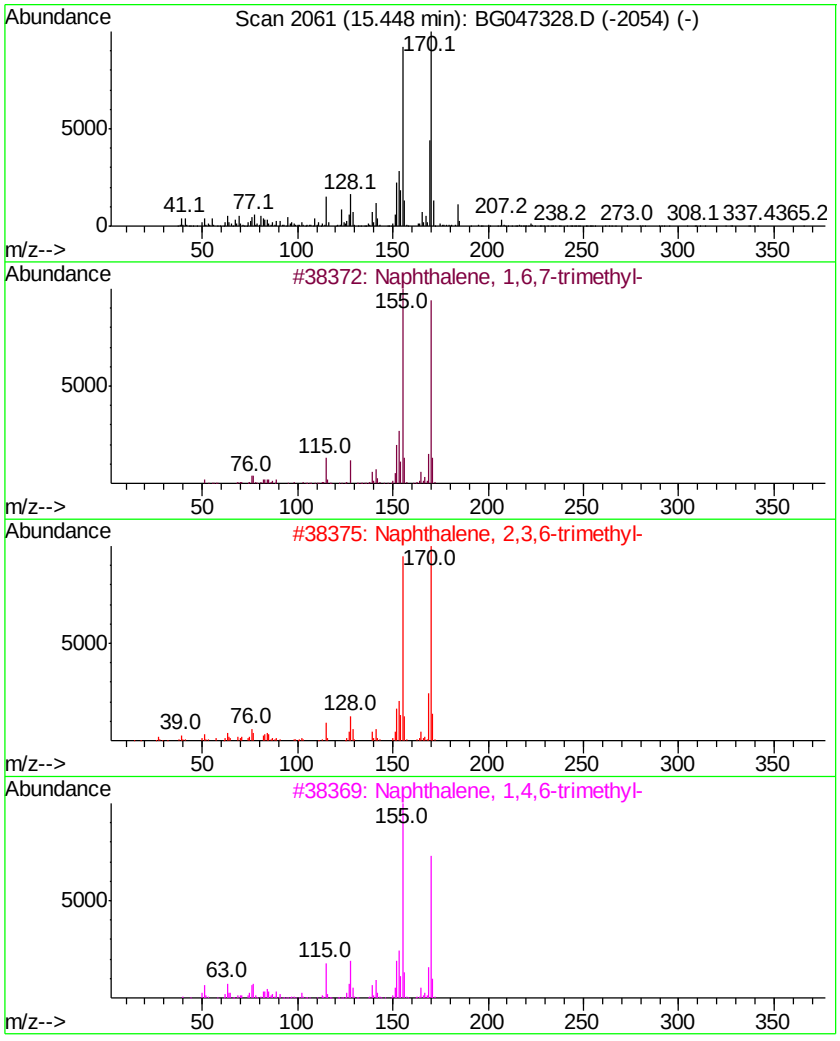
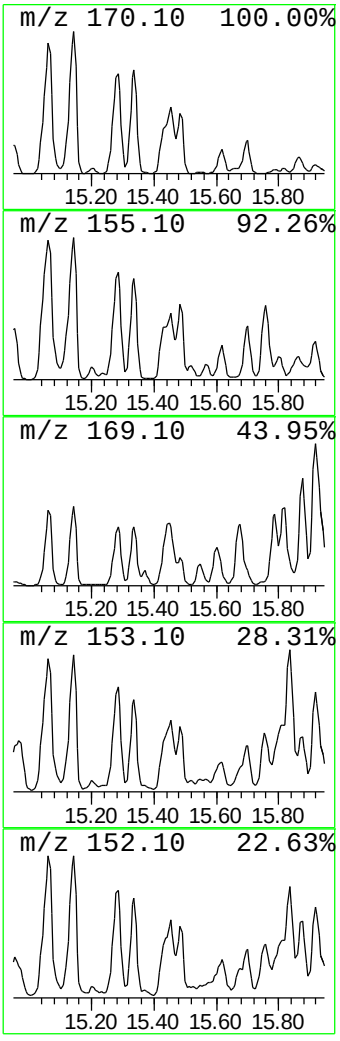
Peak Number 37 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	81.24 ng/ul	5781780	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





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Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

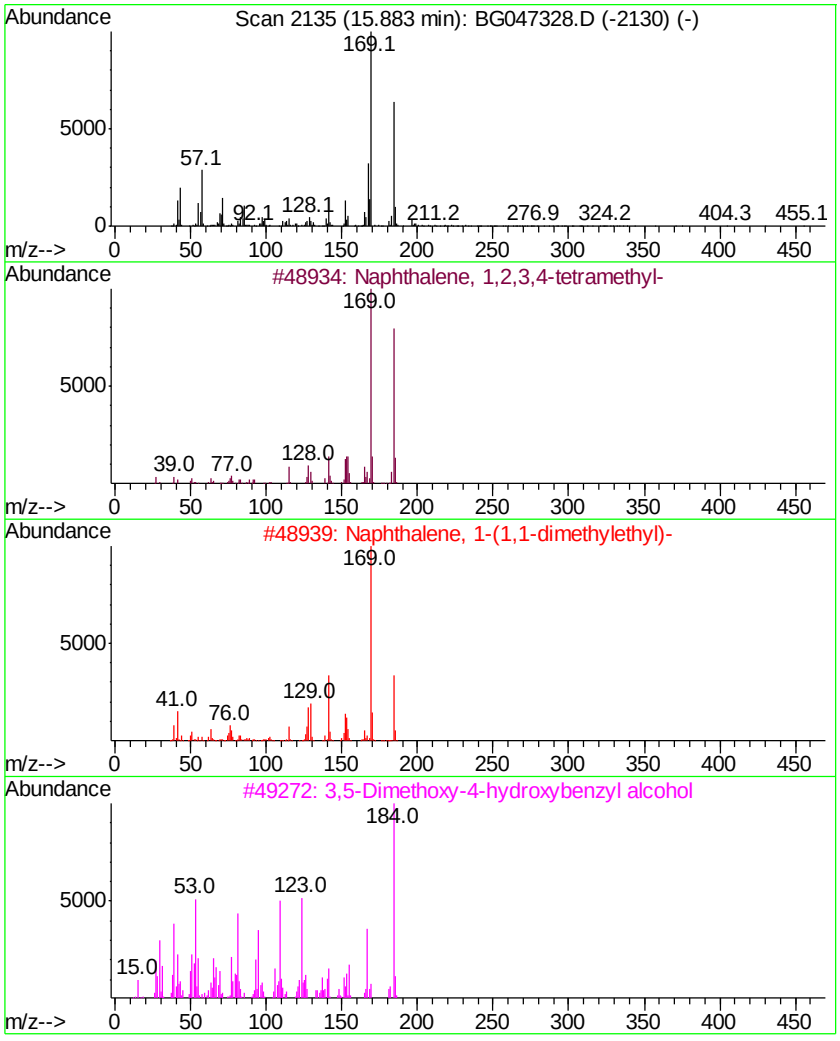
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

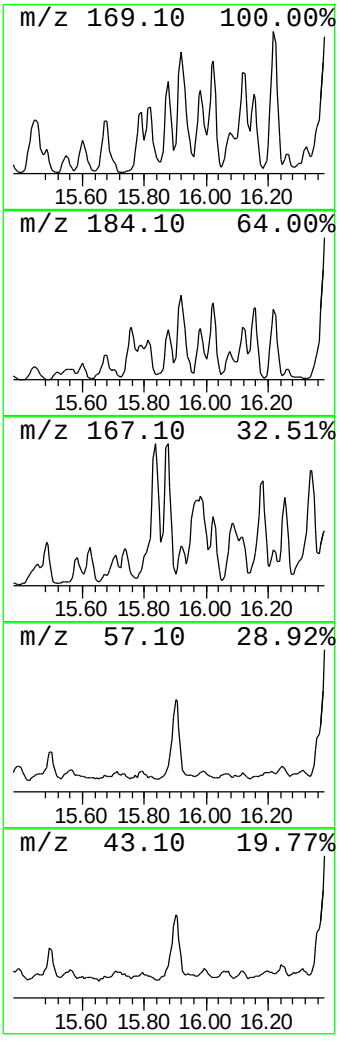
****

Peak Number 39 Naphthalene, 1,2,3,4-tetram... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	27.51 ng/ul	1957970	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	50
2	Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	49
3	3,5-Dimethoxy-4-hydroxybenzyl al...	184	C9H12O4	000530-56-3	42
4	[1,1'-Biphenyl]-3-amine	169	C12H11N	002243-47-2	38
5	[1,1'-Biphenyl]-4-amine	169	C12H11N	000092-67-1	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

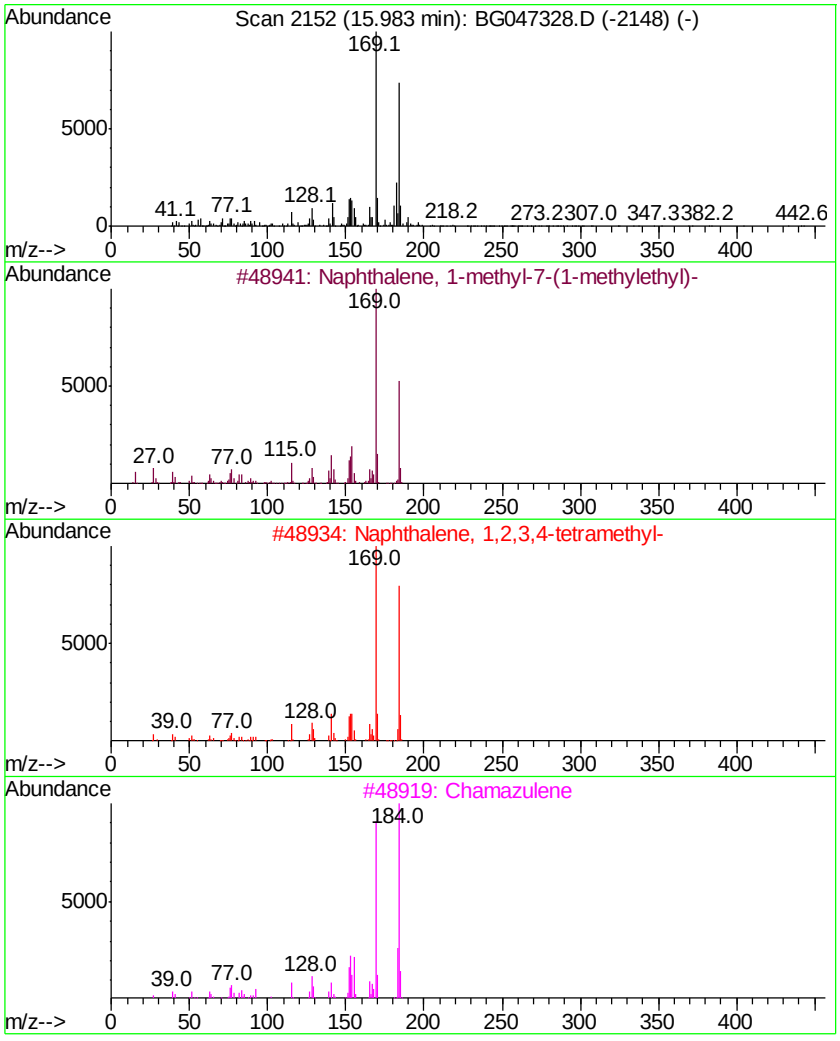
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

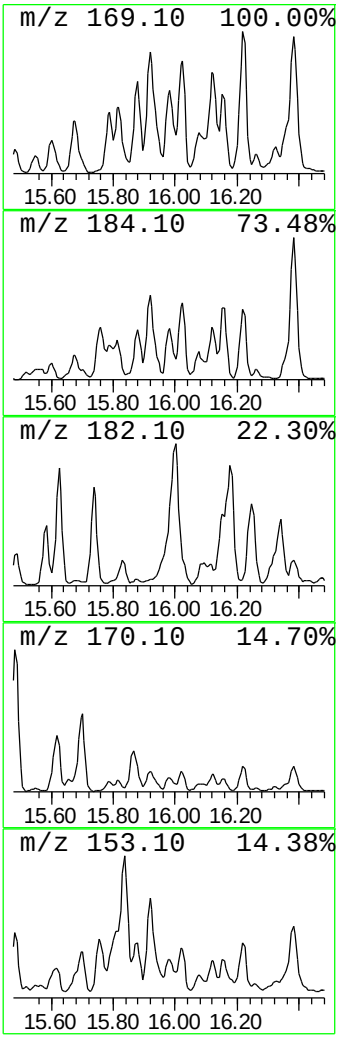
****

Peak Number 41 Naphthalene, 1-methyl-7-(1-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	28.45 ng/ul	2024940	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	95
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	94
3	Chamazulene	184	C14H16	000529-05-5	83
4	3,5-Dimethoxy-4-hydroxybenzyl al...	184	C9H12O4	000530-56-3	80
5	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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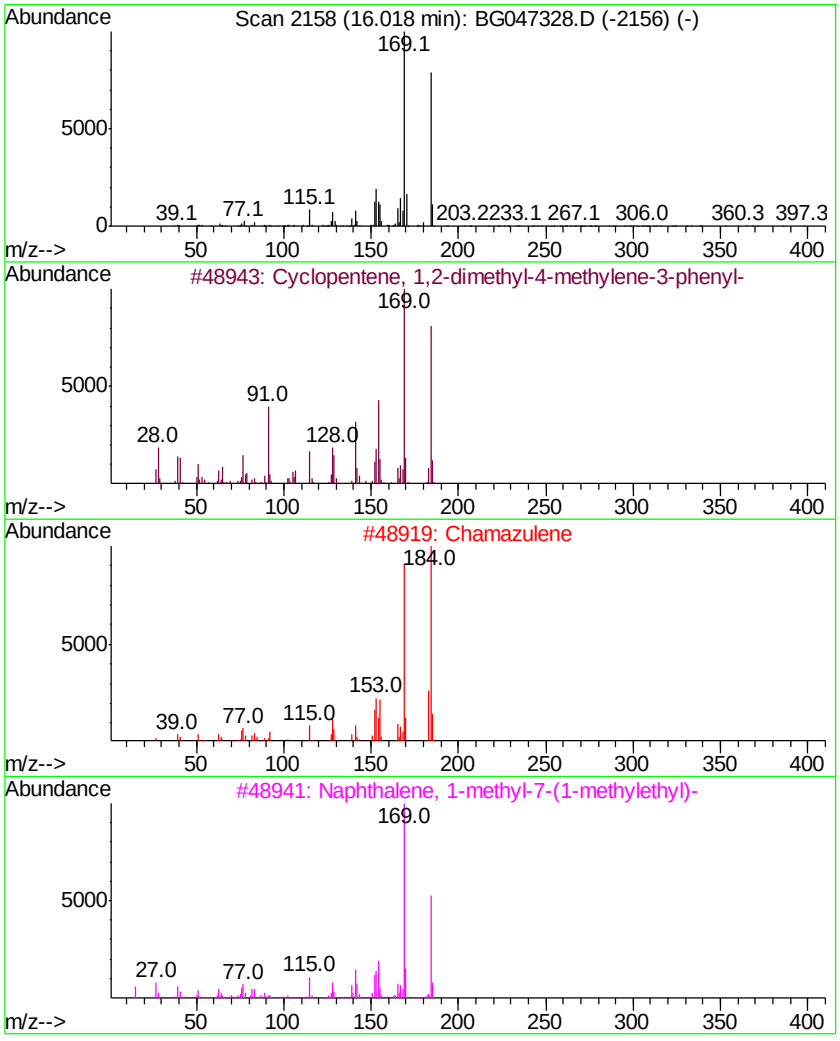
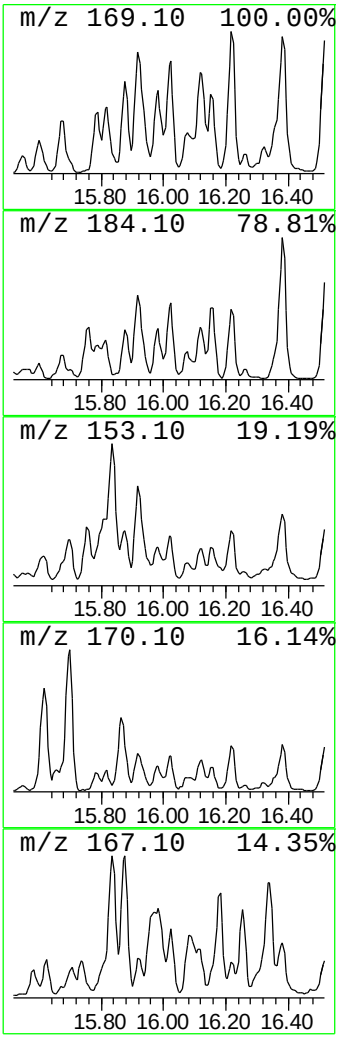
Peak Number 42 Cyclopentene, 1,2-dimethyl-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	28.41 ng/ul	2022290	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	94
2	Chamazulene	184	C14H16	000529-05-5	90
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	87
4	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	78
5	Phenol, 3,4,5-trimethoxy-	184	C9H12O4	000642-71-7	64





Library Search Compound Report

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Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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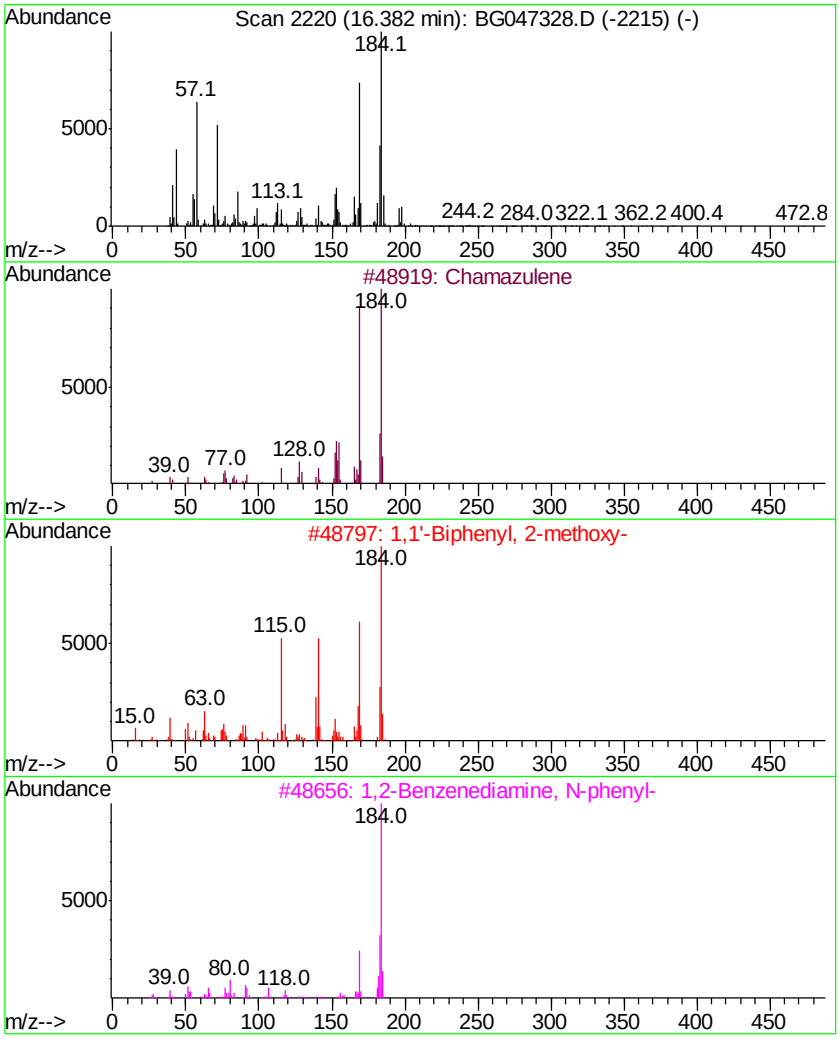
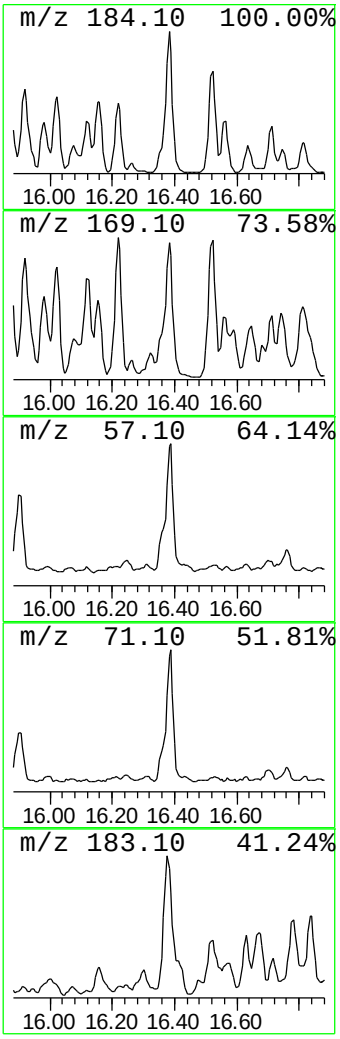
Peak Number 47 1,1'-Biphenyl, 2-methoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	134.27 ng/ul	9018400	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	86
2	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	70
3	1,2-Benzenediamine, N-phenyl-	184	C12H12N2	000534-85-0	64
4	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	60
5	4-Cyclohepta-2,4,6-trienyl-phenol	184	C13H12O	091902-42-0	55





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Data File : BG047328.D
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Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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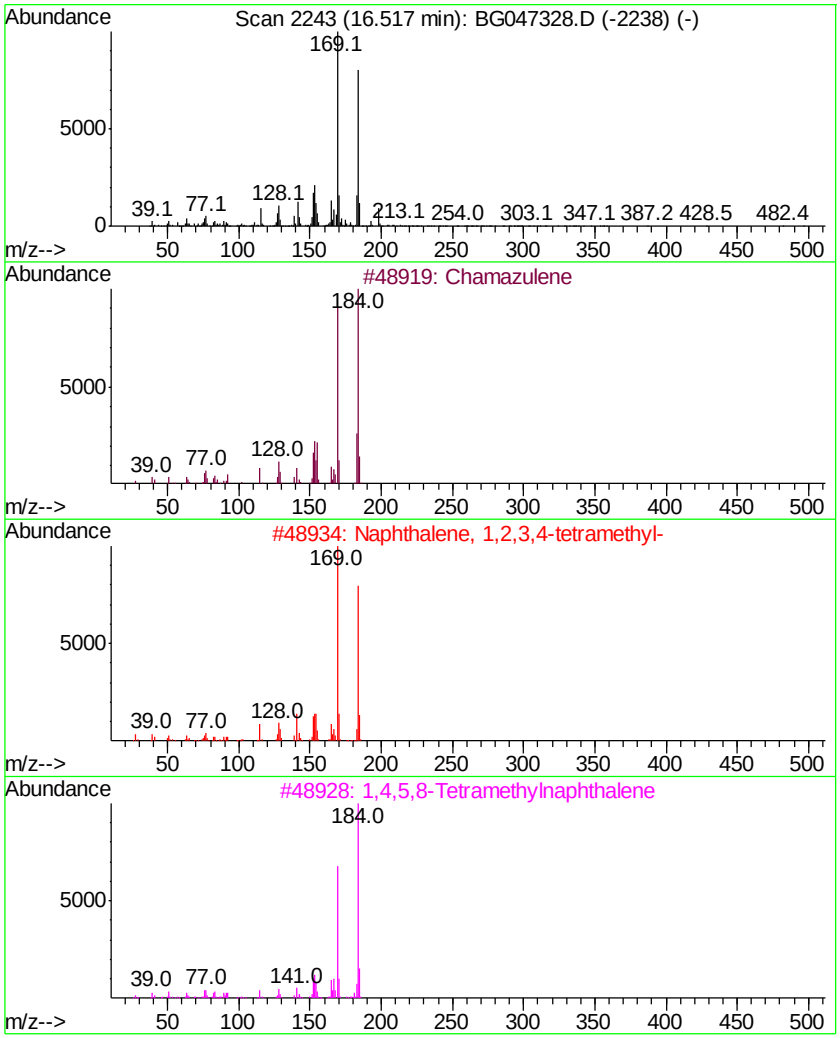
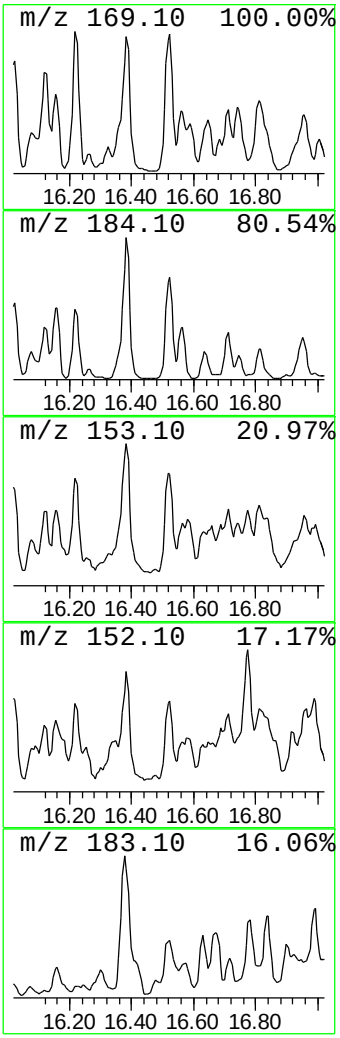
Peak Number 48 Chamazulene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	52.59 ng/ul	3532100	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	93
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	93
3	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	93
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	90
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	81





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Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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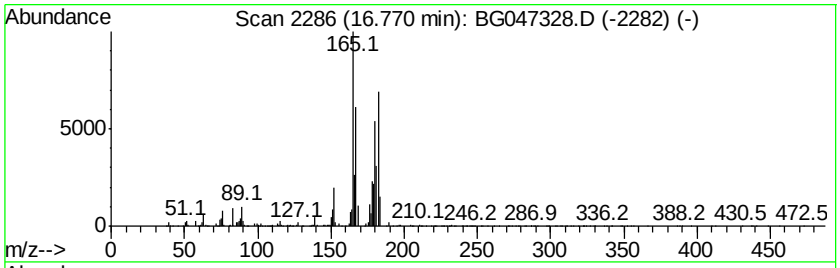
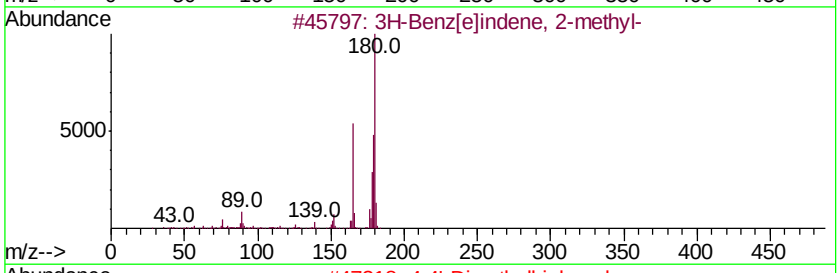
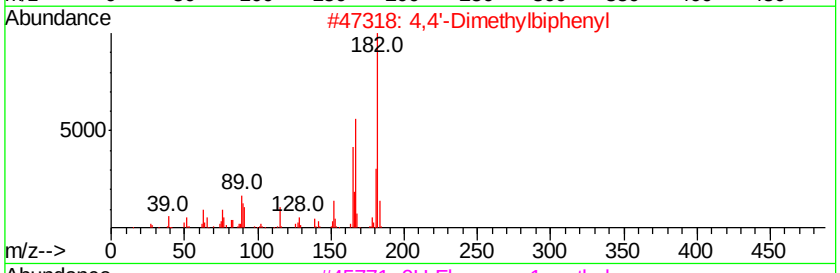
Peak Number 50 3H-Benz[e]indene, 2-methyl- Concentration Rank 17

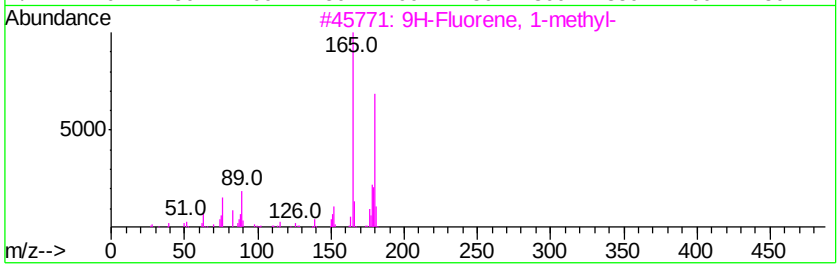
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	44.74 ng/ul	3004780	Phenanthrene-d10	17.41

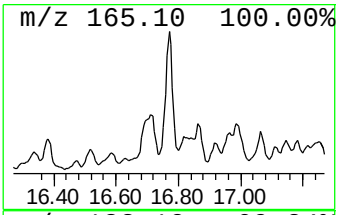
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	55
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	53
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	50
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	50
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	46

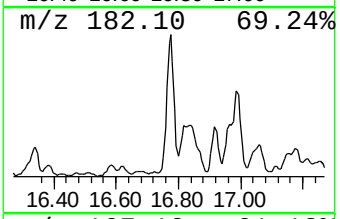


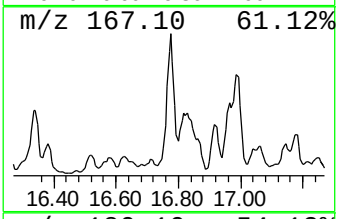


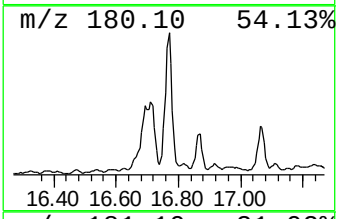


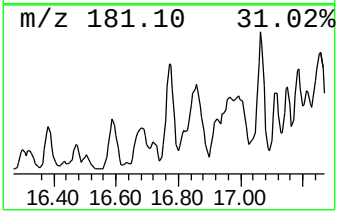












Library Search Compound Report

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Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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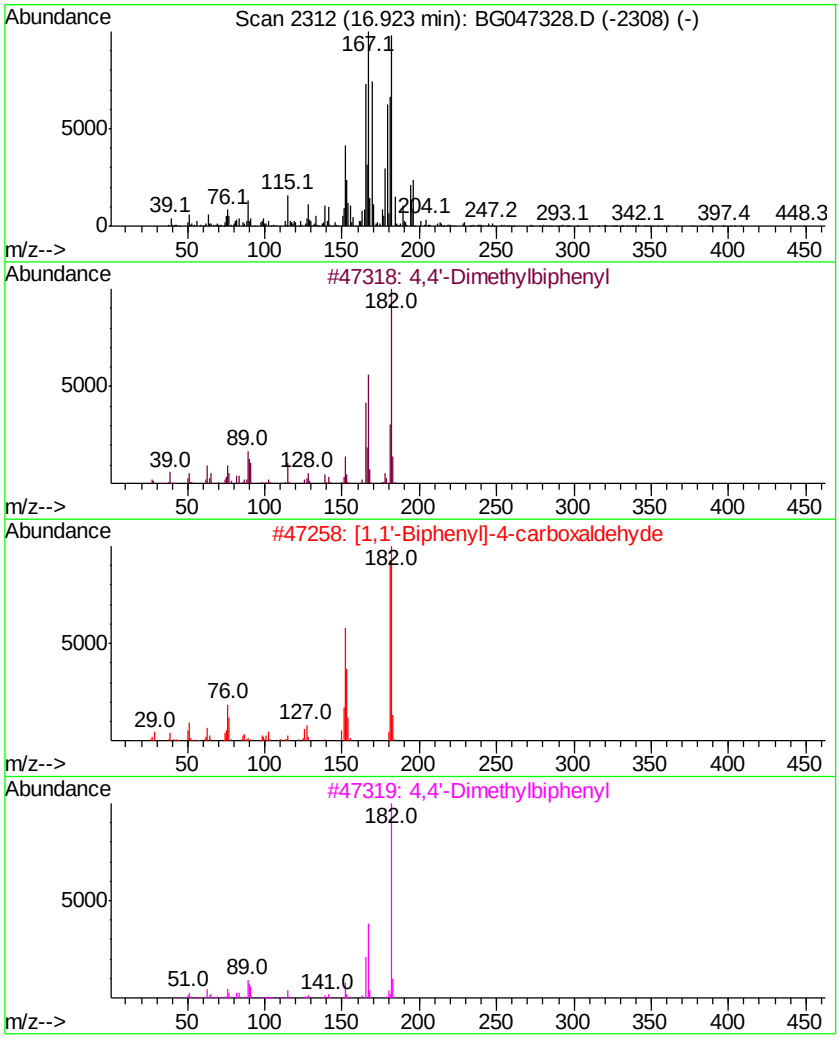
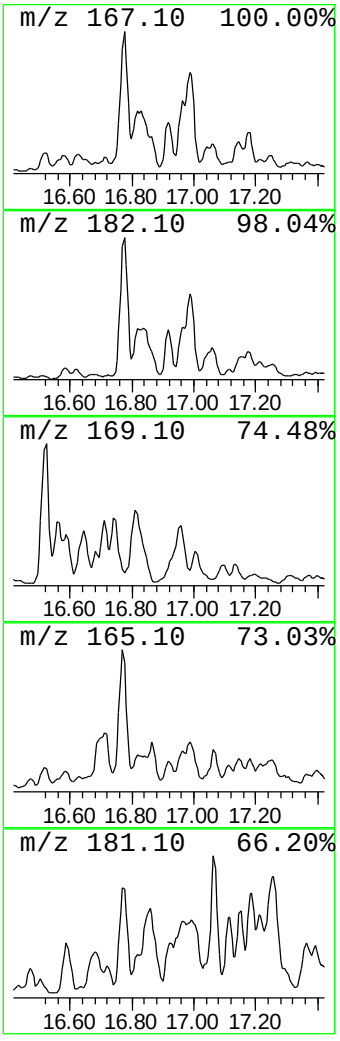
Peak Number 51 4,4'-Dimethylbiphenyl Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	17.52 ng/ul	1176930	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	64
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	51
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	50
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	50
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	49





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Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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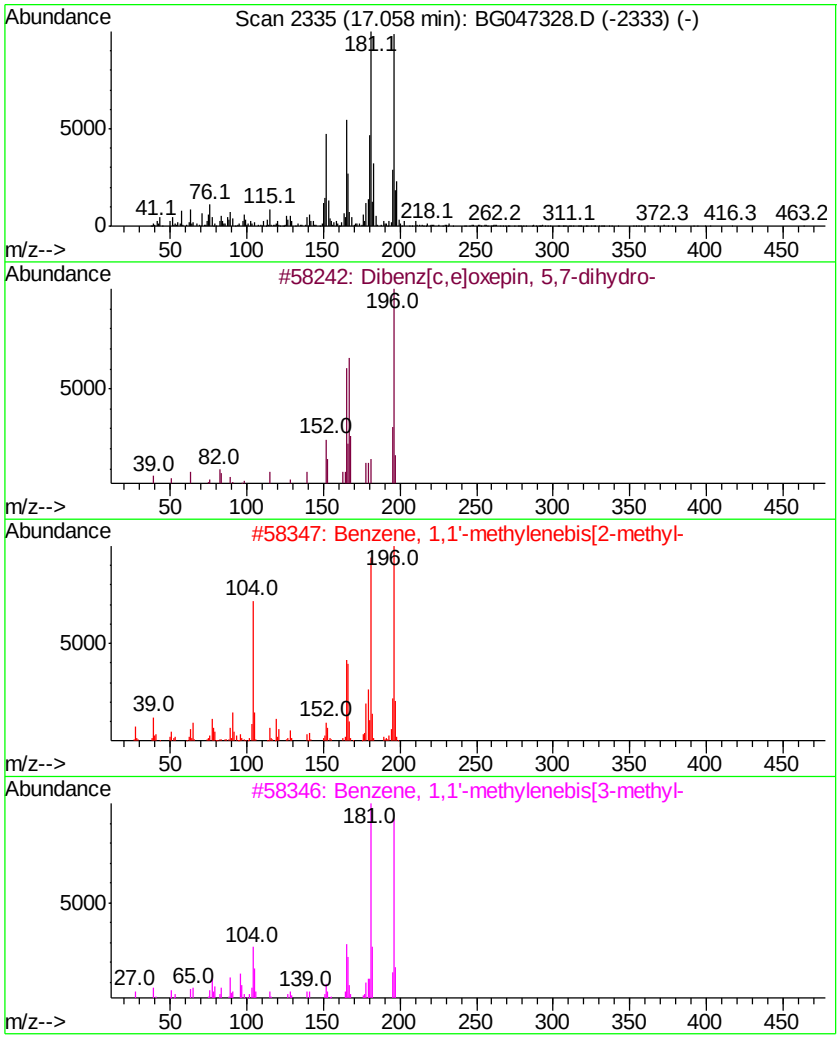
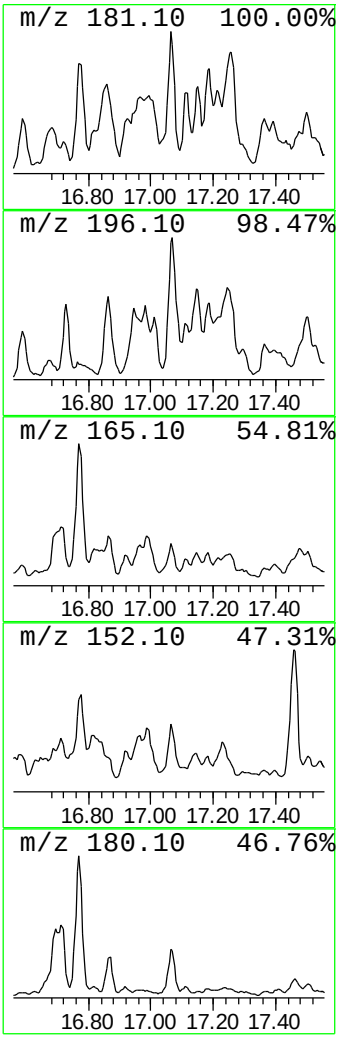
Peak Number 52 Dibenz[c,e]oxepin, 5,7-dihy... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	25.07 ng/ul	1684140	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	64
2	Benzene, 1,1'-methylenebis[2-met...	196	C15H16	001634-74-8	52
3	Benzene, 1,1'-methylenebis[3-met...	196	C15H16	021895-14-7	49
4	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	46
5	Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	46





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Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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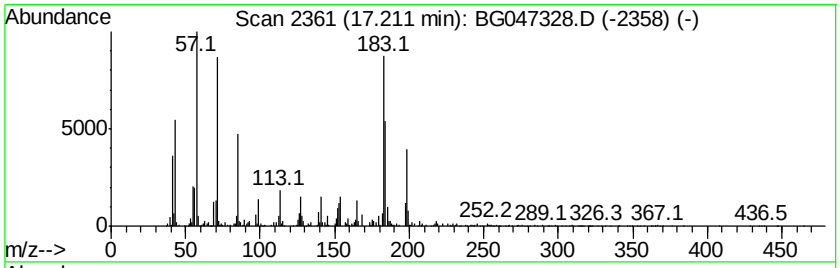
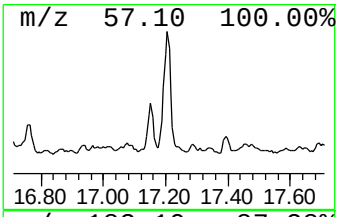
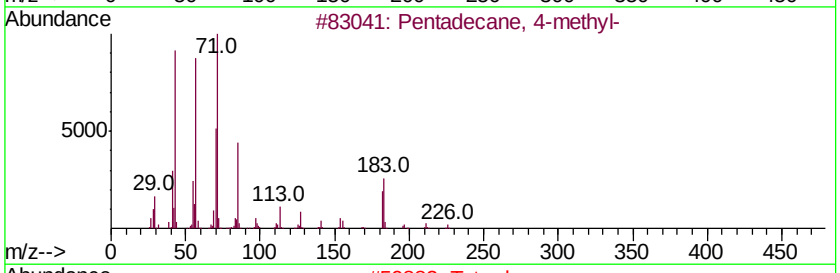
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 49

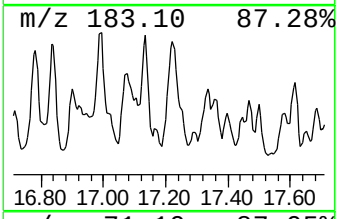
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	12.97 ng/ul	871408	Phenanthrene-d10	17.41

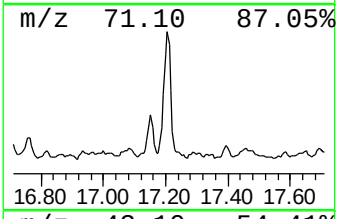
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	41
2	Tetradecane	198	C14H30	000629-59-4	38
3	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	35
4	Phenol, 4-(1-phenylethyl)-	198	C14H14O	001988-89-2	30
5	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	30

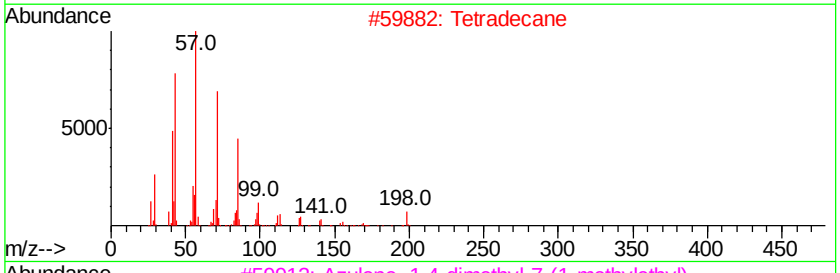


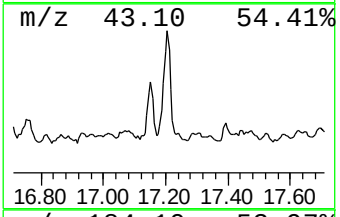


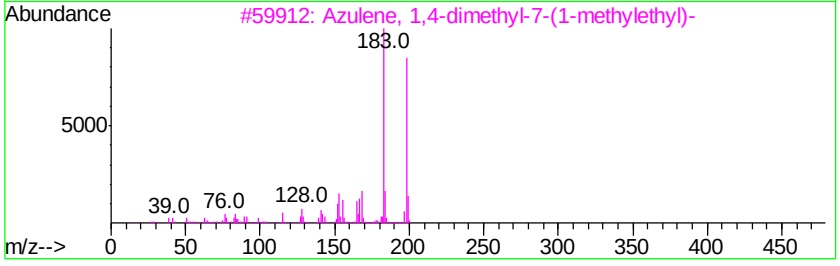


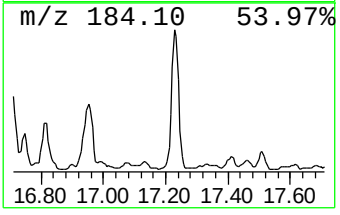












Library Search Compound Report

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Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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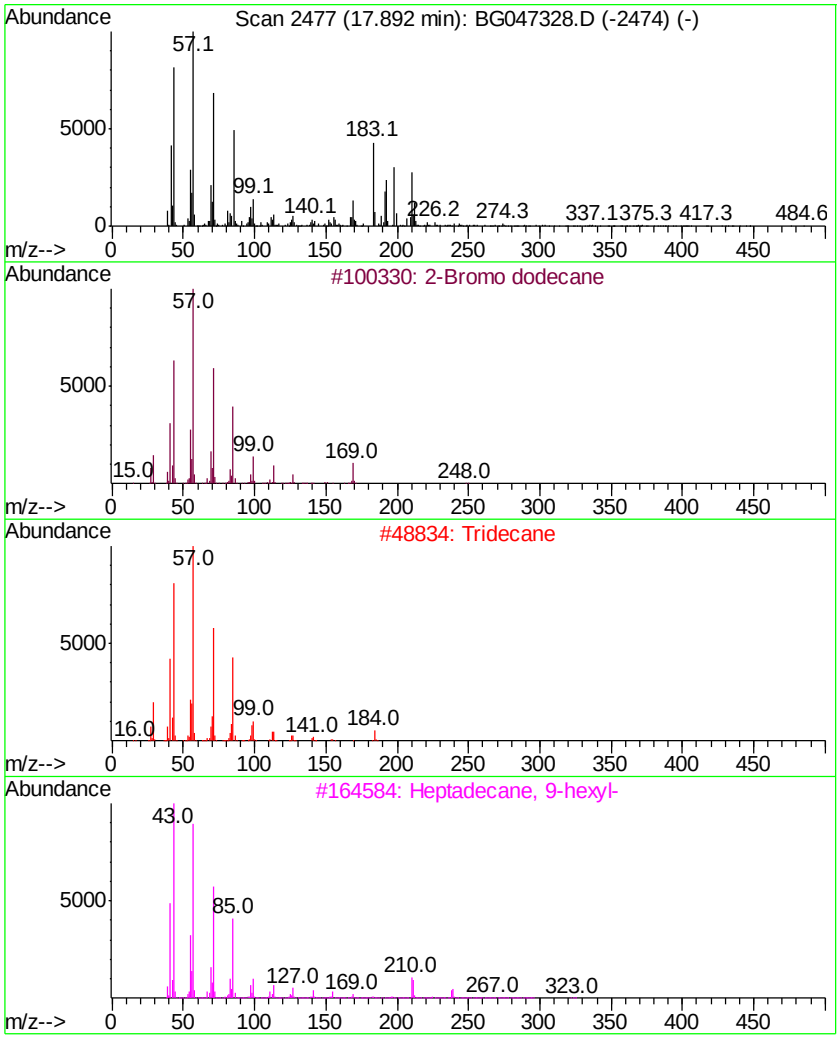
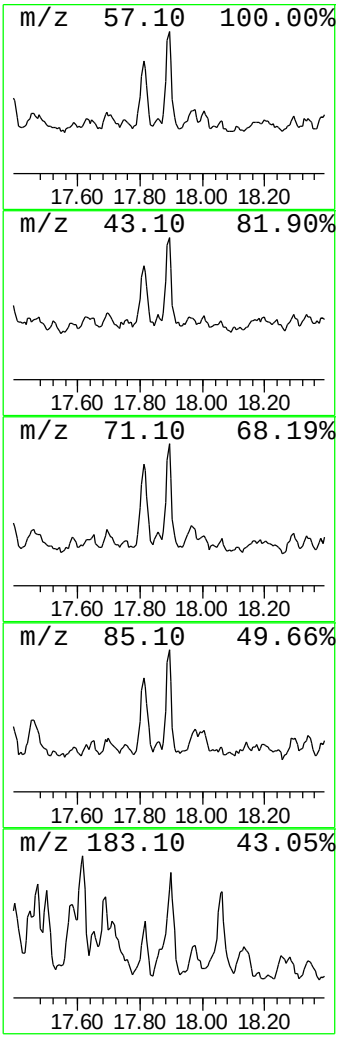
Peak Number 54 2-Bromo dodecane Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	24.39 ng/ul	1638170	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	59
2	Tridecane	184	C13H28	000629-50-5	51
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	42
4	Hexadecane	226	C16H34	000544-76-3	42
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	42





Library Search Compound Report

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Operator : CG/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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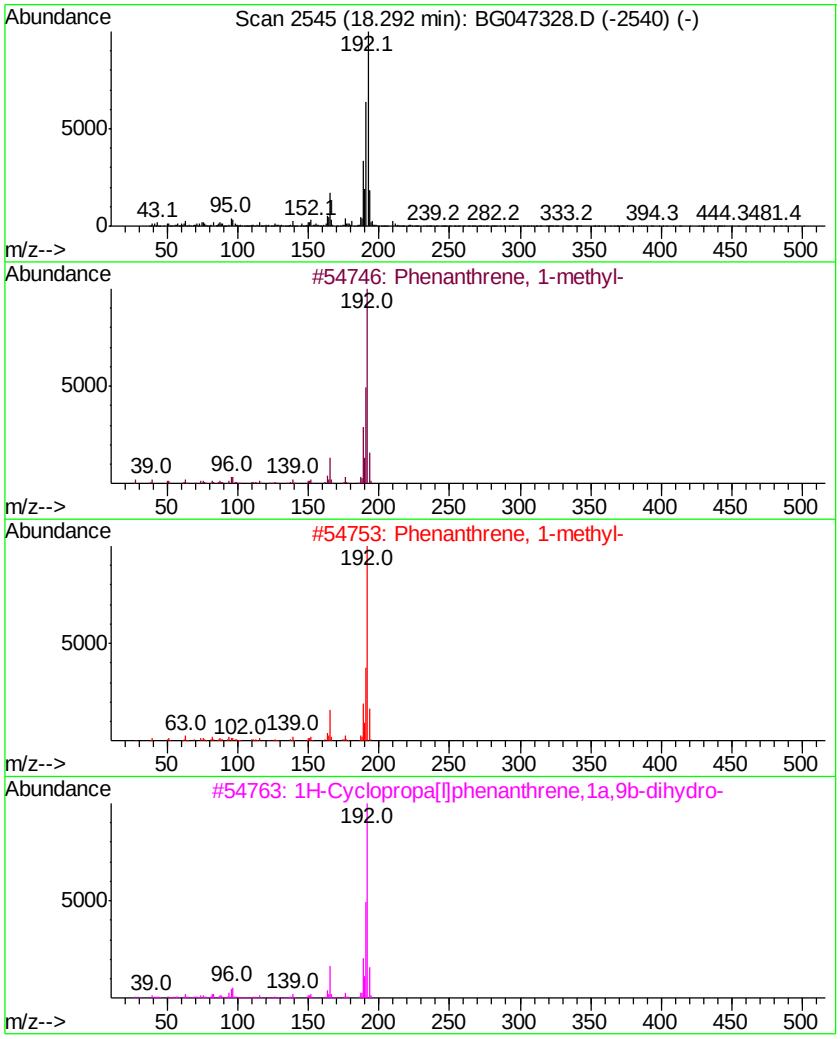
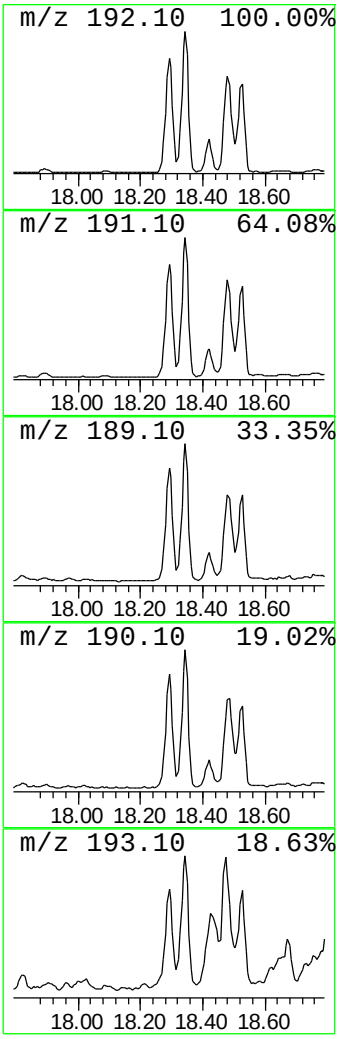
Peak Number 55 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	81.55 ng/ul	5477190	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Library Search Compound Report

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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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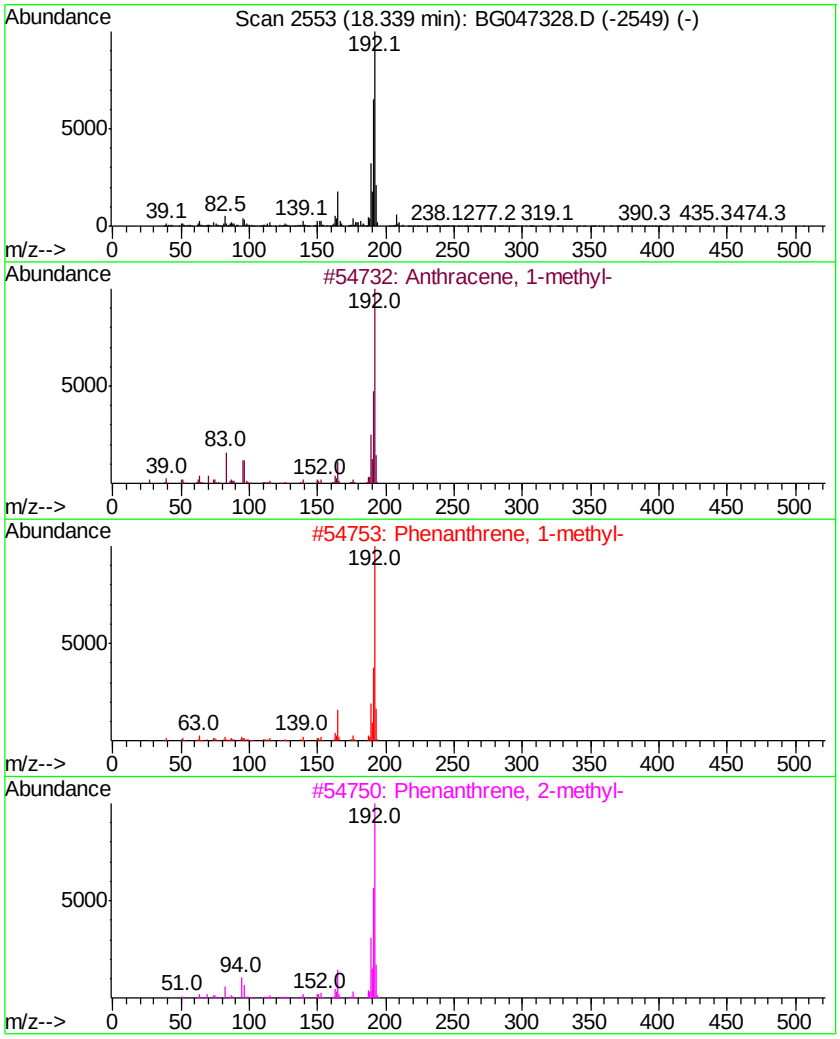
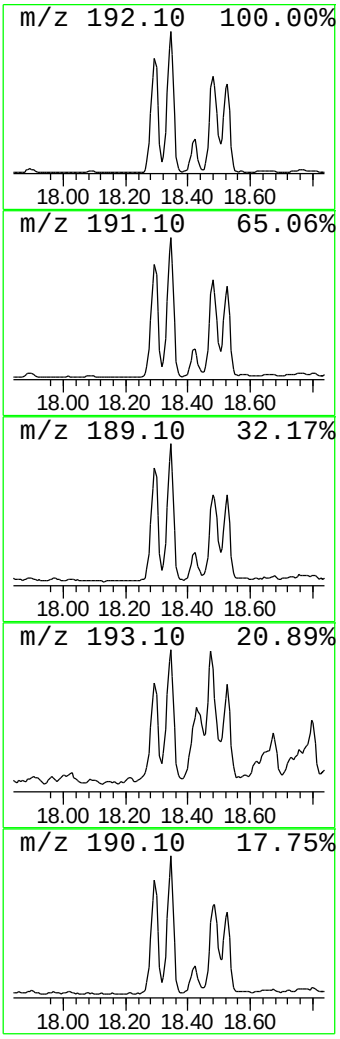
Peak Number 56 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	105.12 ng/ul	7060290	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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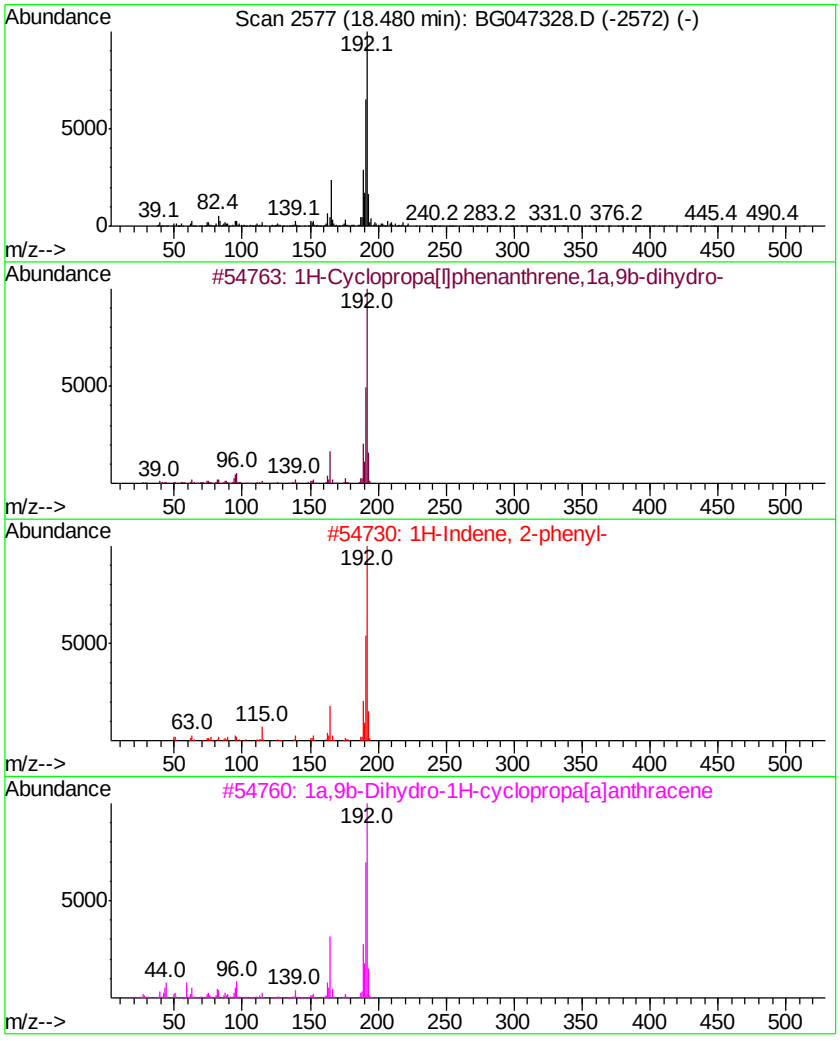
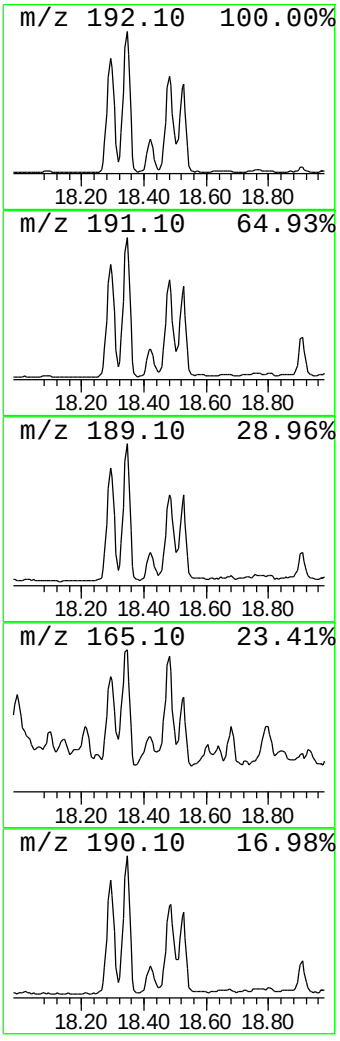
Peak Number 57 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	65.91 ng/ul	4427270	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	94
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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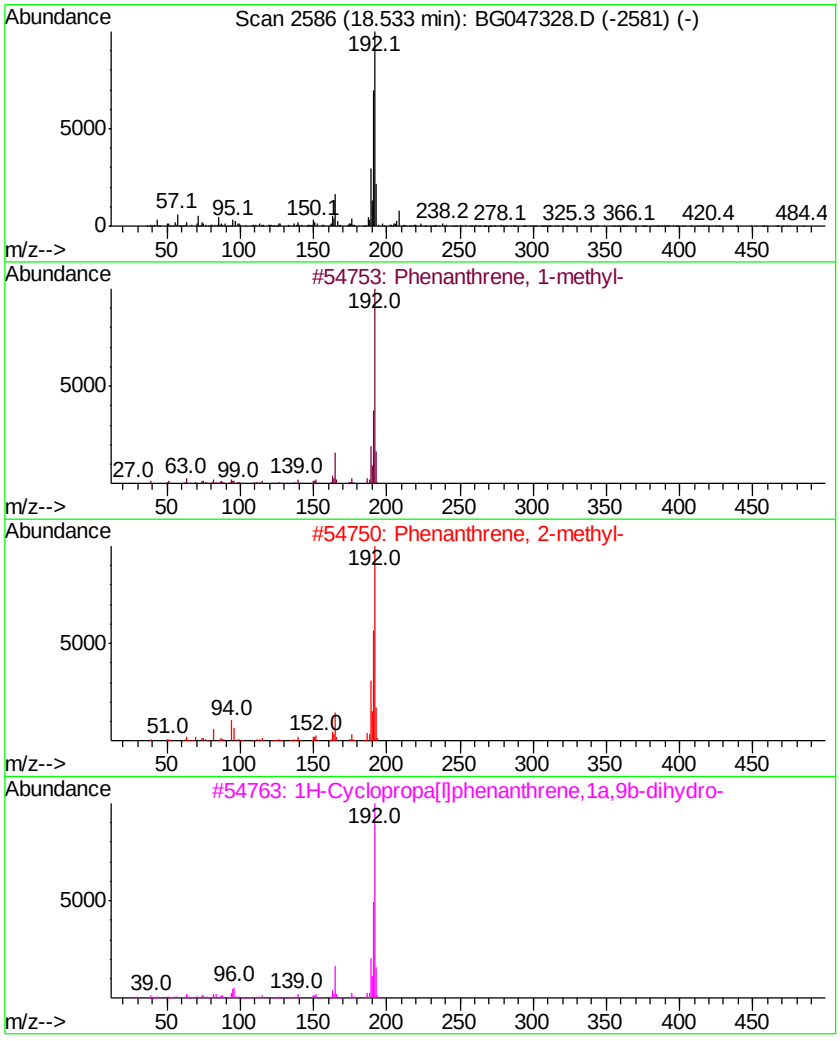
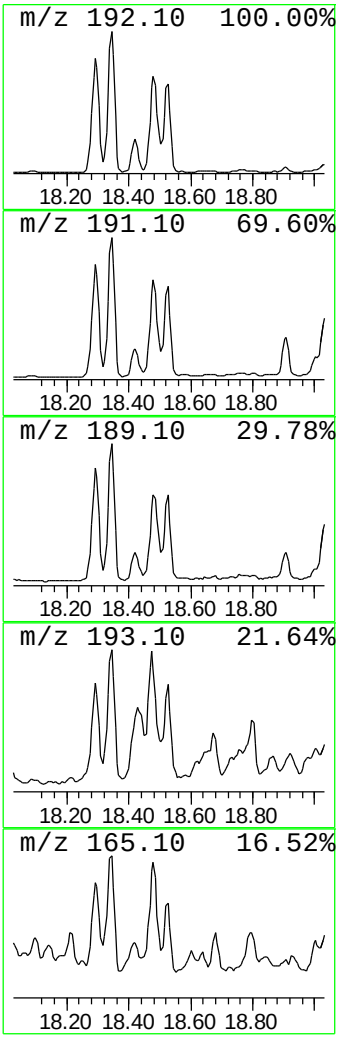
Peak Number 58 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	53.42 ng/ul	3587820	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Misc :
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Instrument : BNA_G
ClientSampleId : C0AB7

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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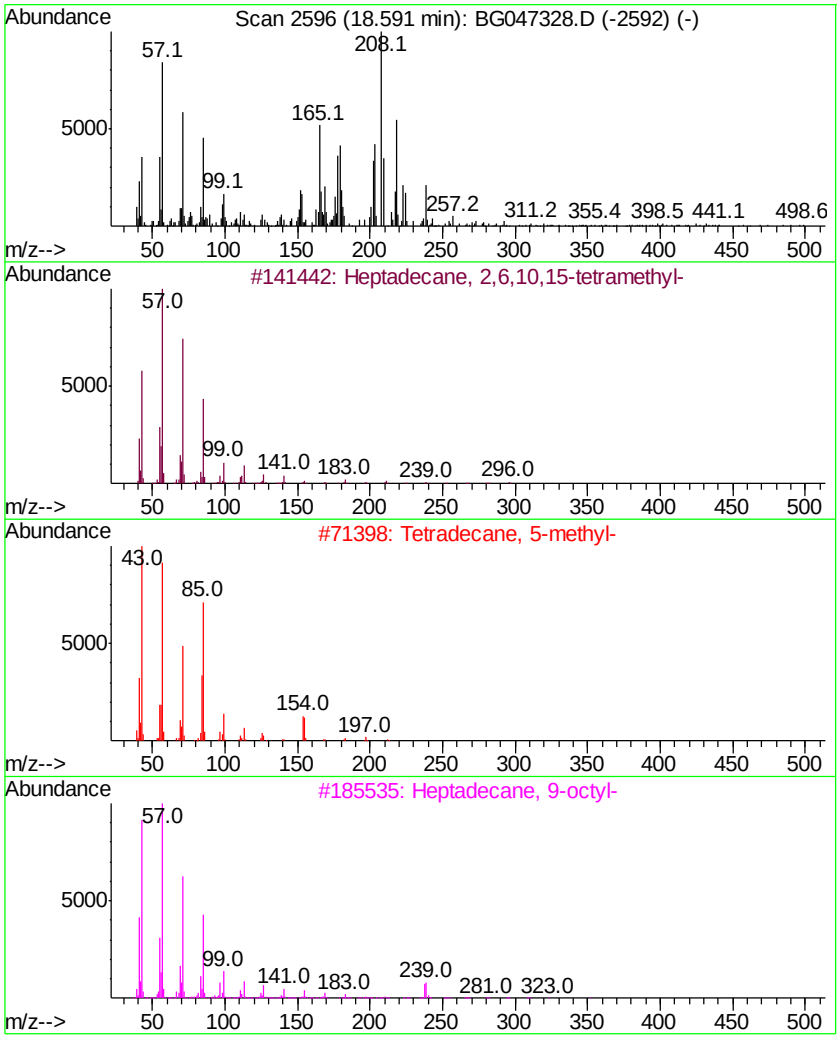
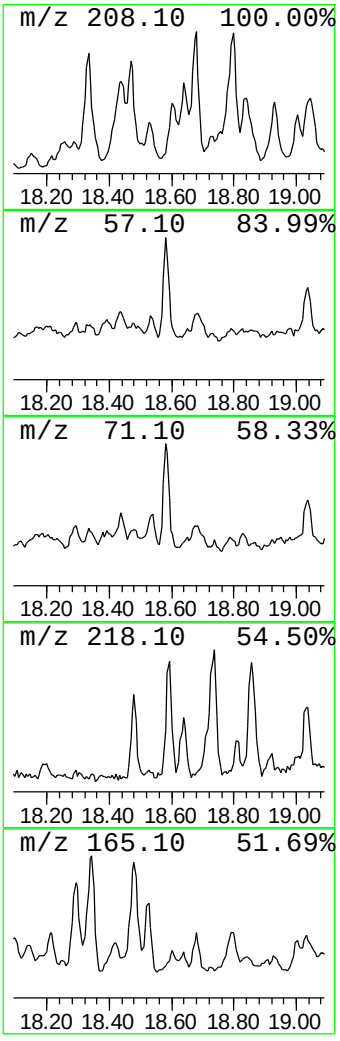
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	12.01 ng/ul	806385	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	84
2	Tetradecane, 5-methyl-	212	C15H32	025117-32-2	47
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	45
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	41
5	Heneicosane	296	C21H44	000629-94-7	41





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Instrument : BNA_G
ClientSampleId : C0AB7

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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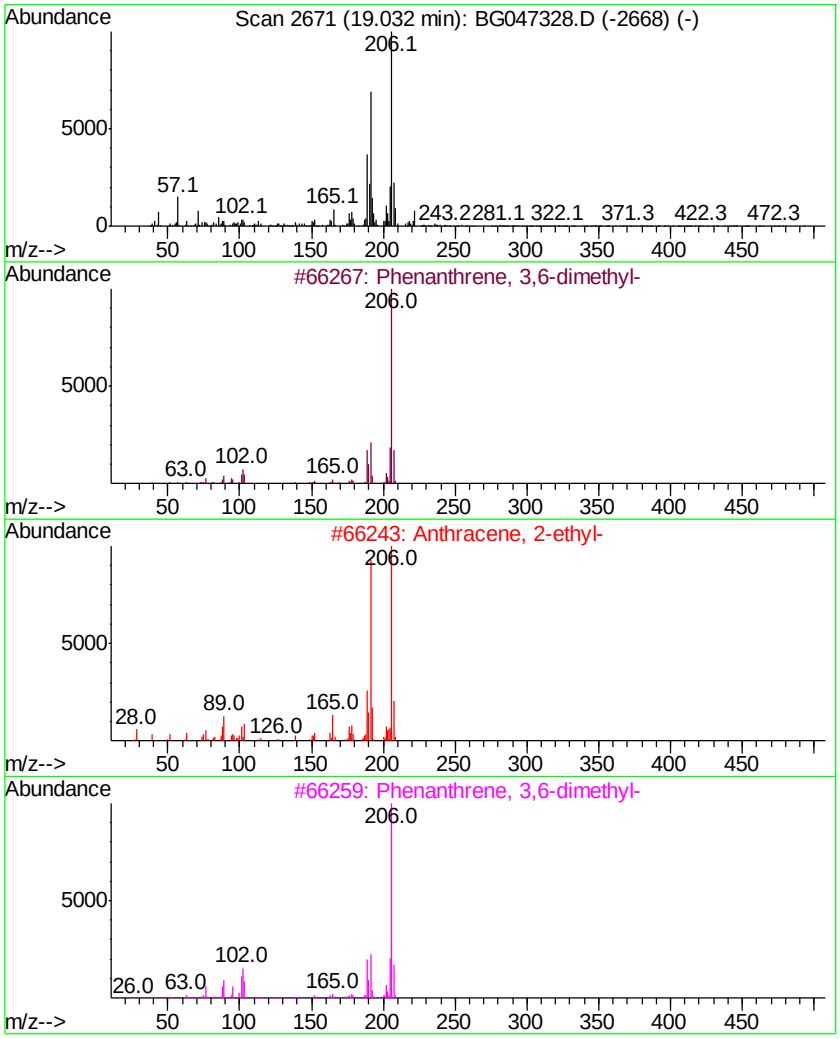
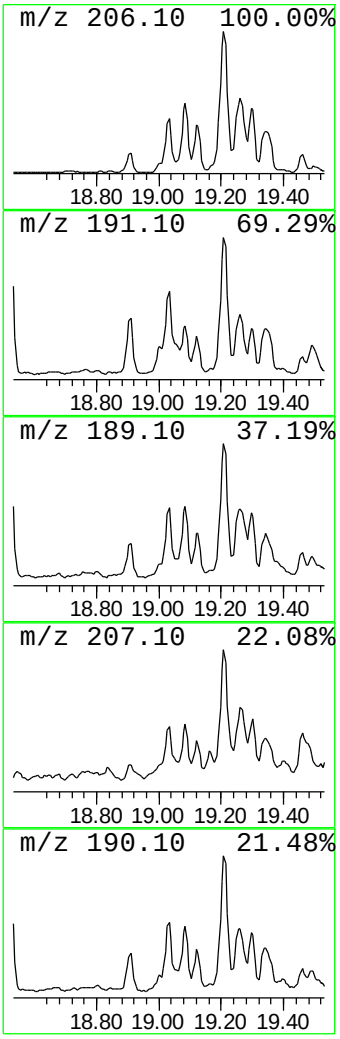
Peak Number 63 Phenanthrene, 3,6-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	31.90 ng/ul	2142340	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87





Library Search Compound Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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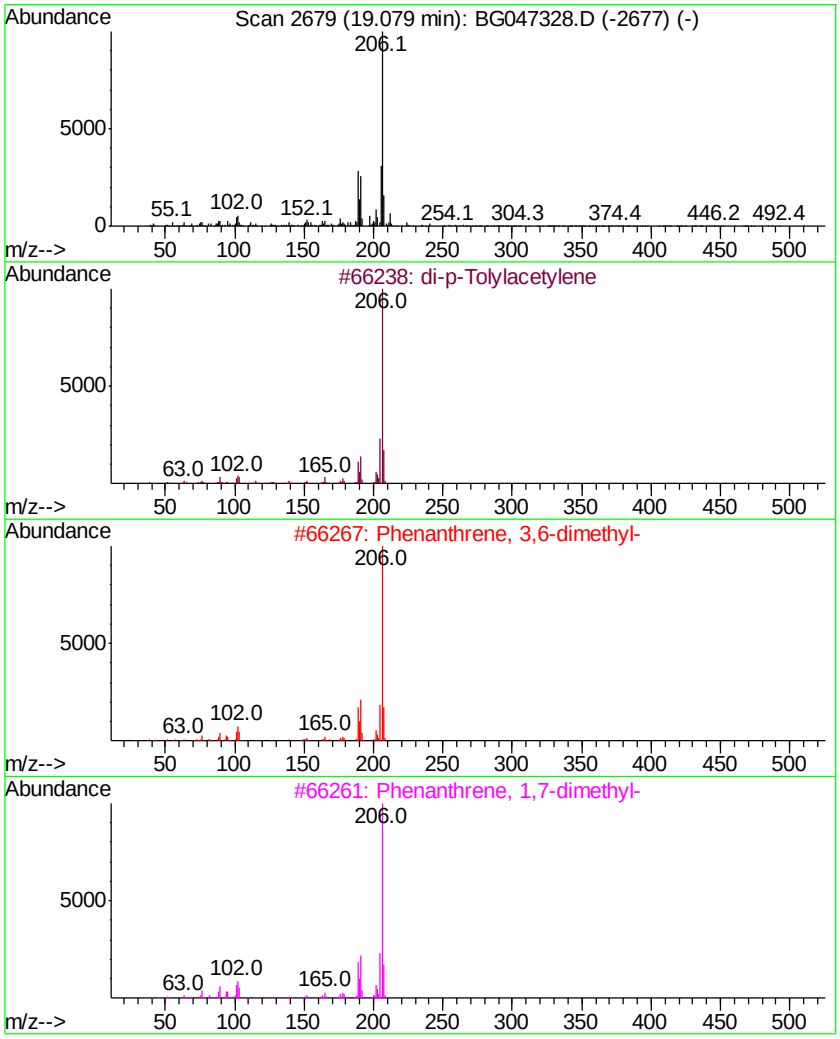
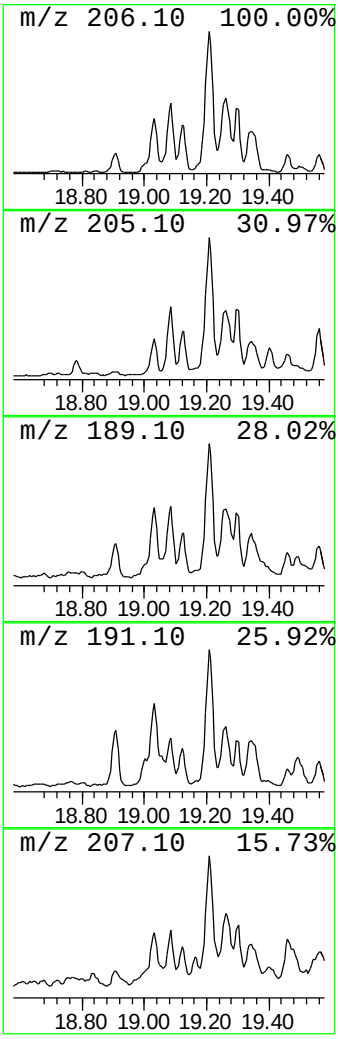
Peak Number 64 di-p-Tolylacetylene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	21.46 ng/ul	1441110	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Instrument : BNA_G
ClientSampleId : C0AB7

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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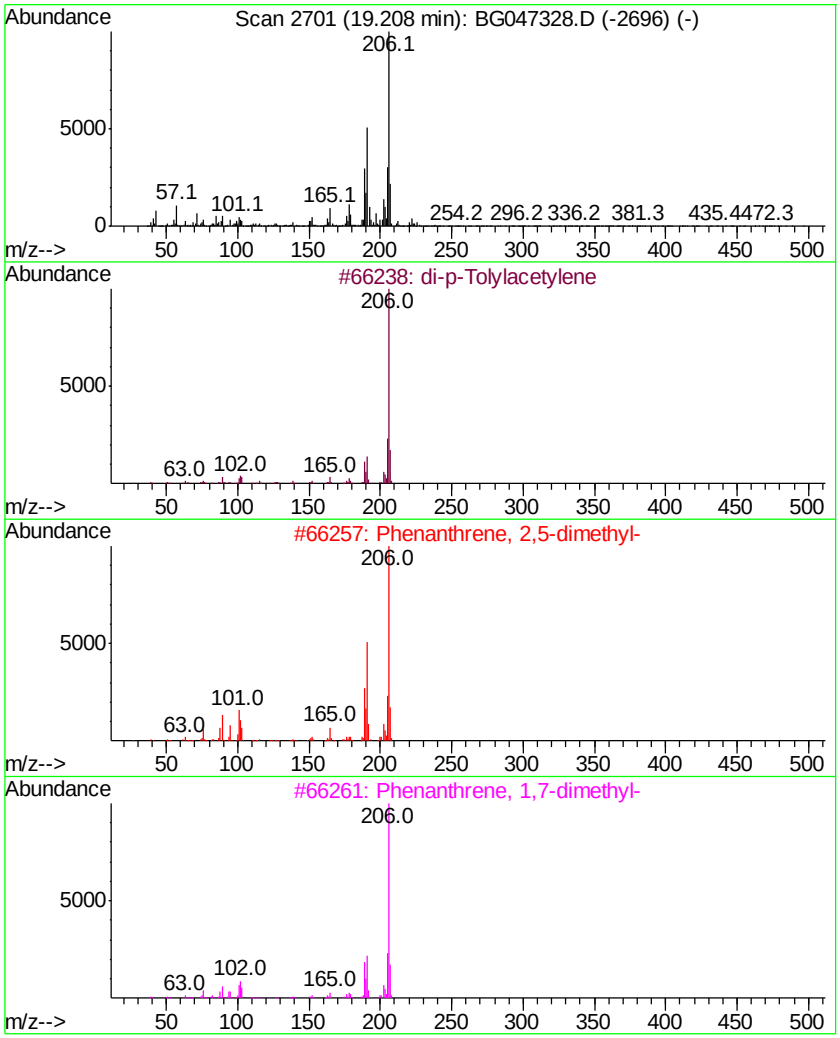
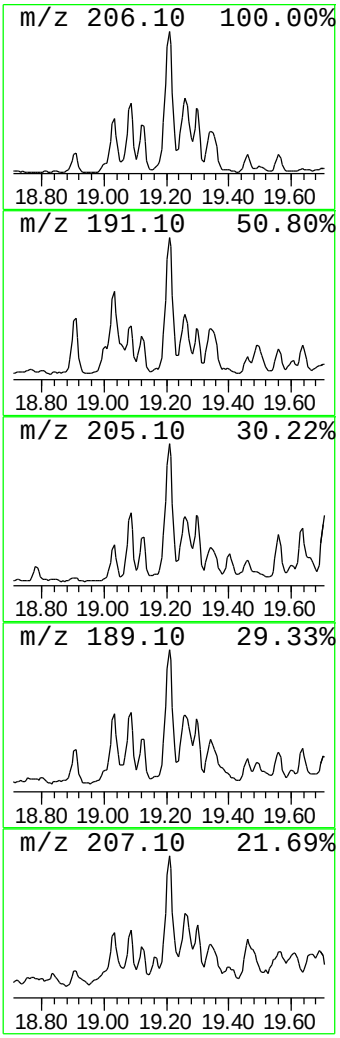
Peak Number 65 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	104.54 ng/ul	7021530	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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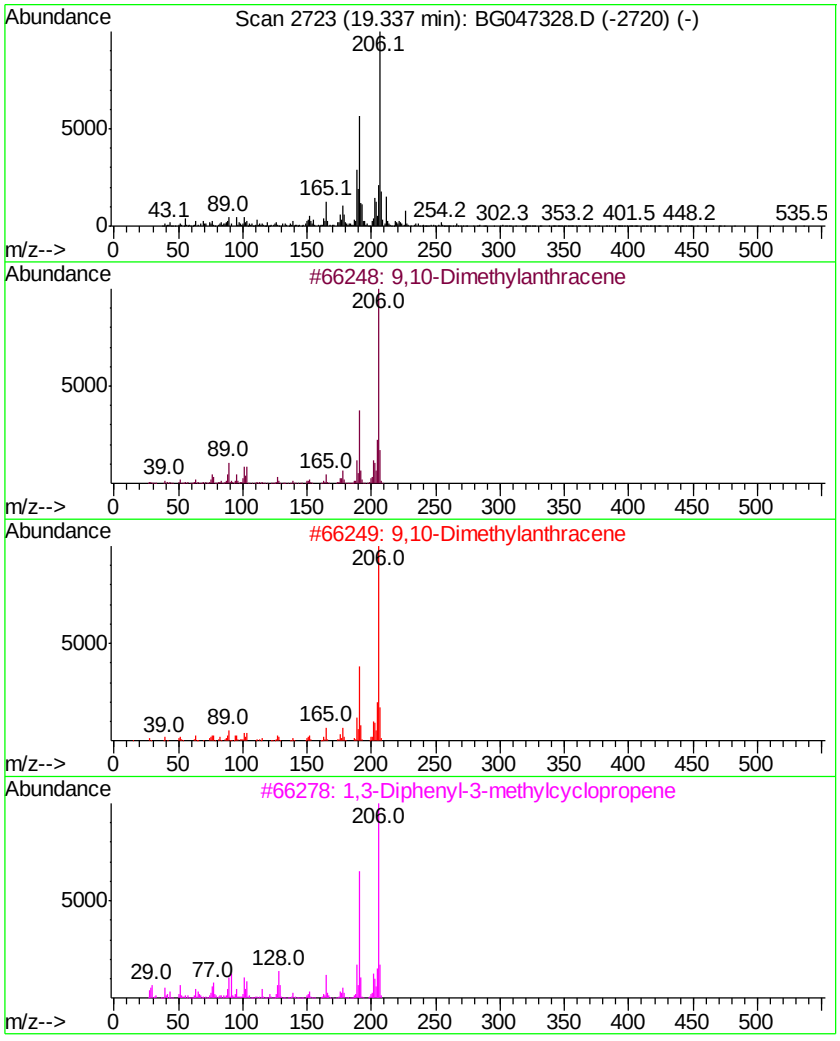
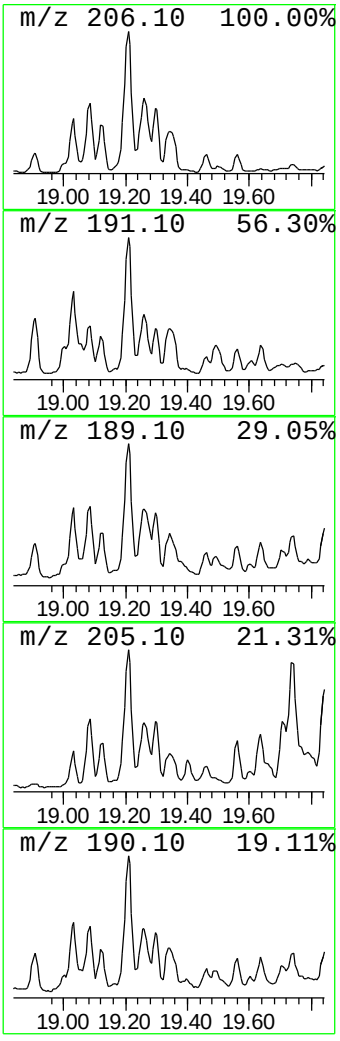
Peak Number 67 9,10-Dimethylanthracene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	36.85 ng/ul	2474800	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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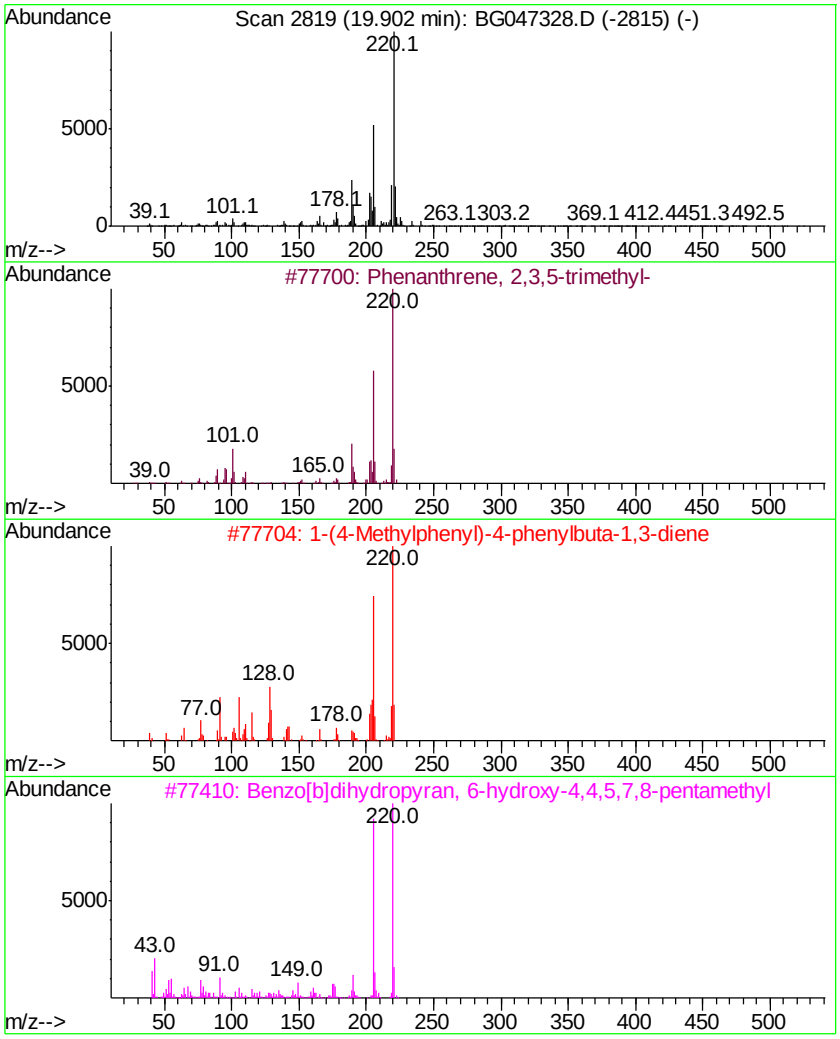
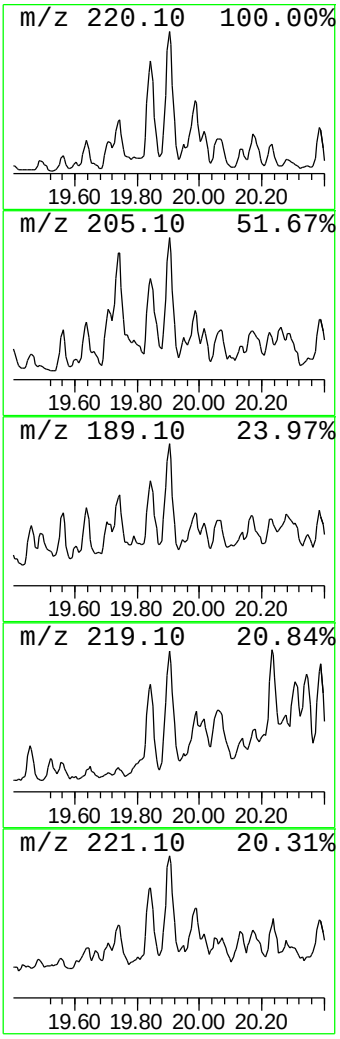
Peak Number 68 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	42.75 ng/ul	3362630	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	91
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	81
3	Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	53
4	9-Ethyl-10-methylanthracene	220	C17H16	019713-49-6	49
5	Coumarin-6-ol, 3,4-dihydro-4,4,5...	220	C13H16O3	050442-68-7	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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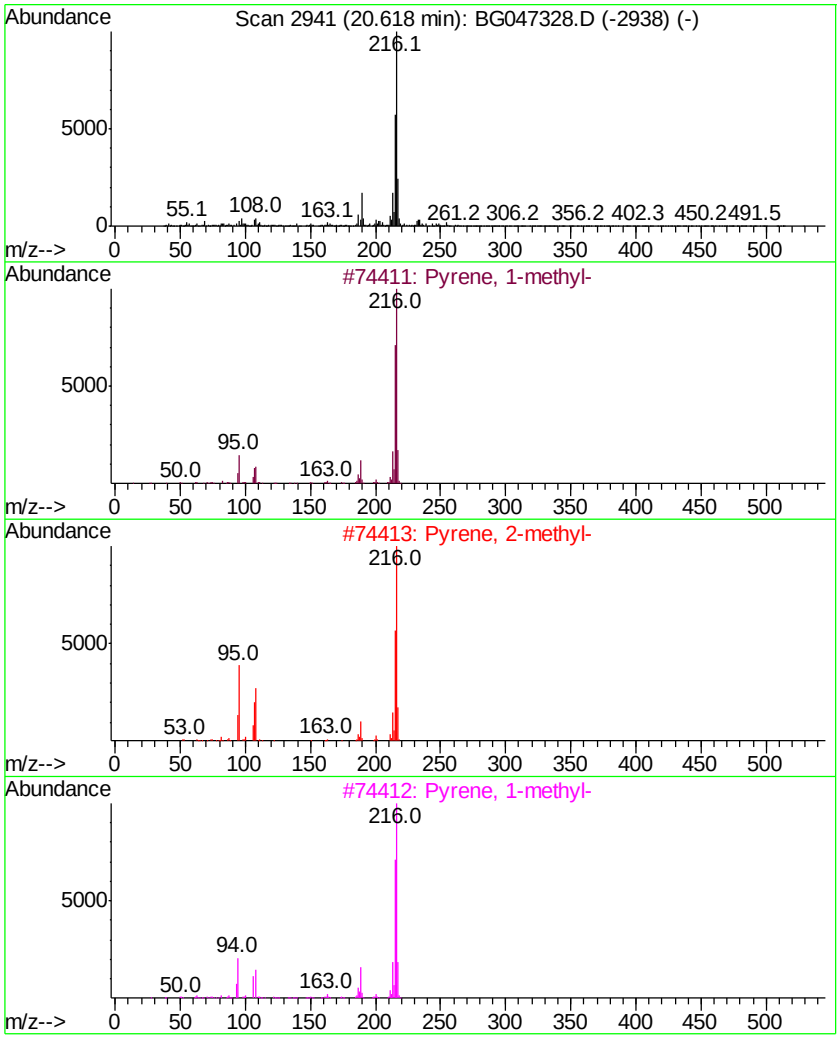
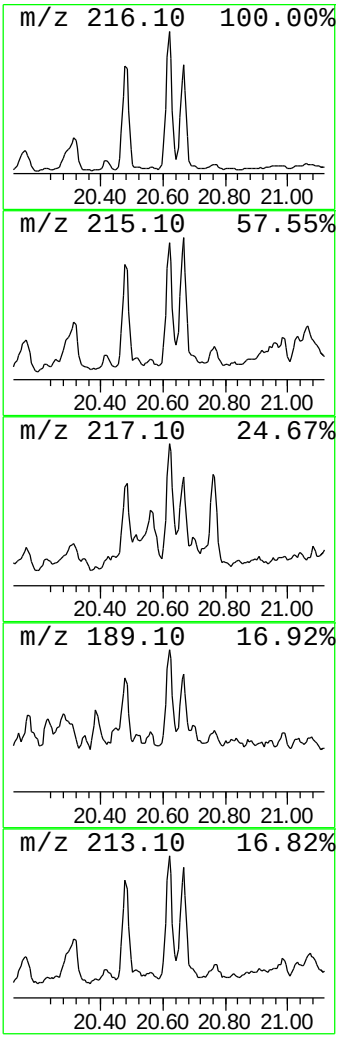
Peak Number 69 Pyrene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	33.69 ng/ul	2649930	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111620\
Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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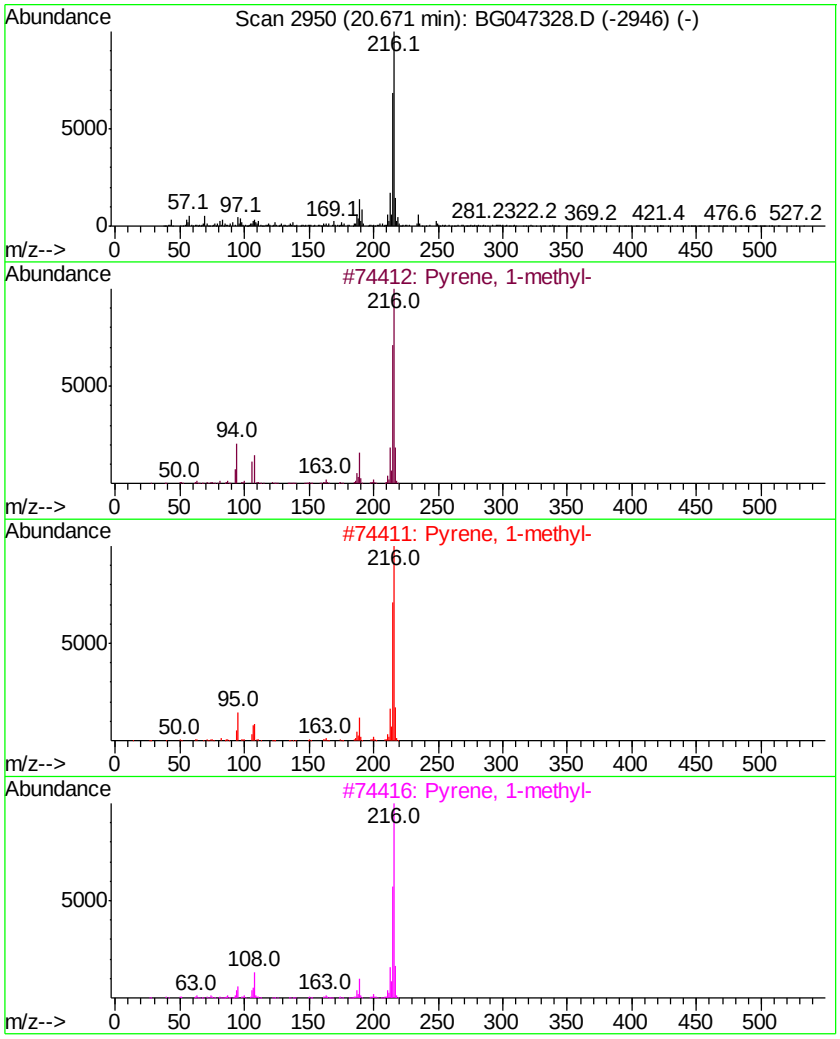
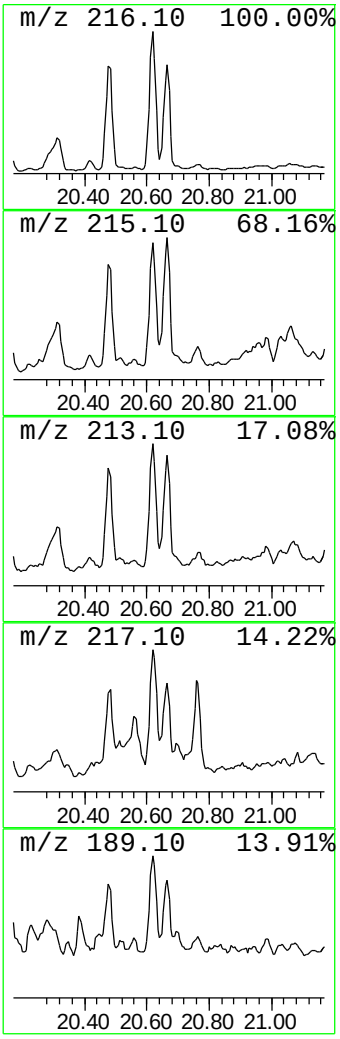
Peak Number 70 Pyrene, 1-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	20.00 ng/ul	1573310	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111620\
Data File : BG047328.D
Acq On : 16 Nov 2020 13:33
Operator : CG/JU
Sample : L4762-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethyl-...	9.12	40.1	ng/ul	952806	1	8.02	475673	20.0
Benzene, 1,3-diet...	9.37	20.6	ng/ul	491234	1	8.02	475673	20.0
(DEL) Alkane: Cyc...	11.32	9.9	ng/ul	1021290	2	10.82	2066830	20.0
(DEL) Alkane: Str...	11.85	4.9	ng/ul	505636	2	10.82	2066830	20.0
(DEL) Alkane: Cyc...	11.88	8.5	ng/ul	877245	2	10.82	2066830	20.0
Naphthalene, 1-me...	12.70	46.4	ng/ul	4789670	2	10.82	2066830	20.0
(DEL) Alkane: Str...	13.19	20.0	ng/ul	1425550	3	14.65	1423450	20.0
Naphthalene, 1,2,...	13.59	24.9	ng/ul	1772830	3	14.65	1423450	20.0
Naphthalene, 1-et...	13.69	32.0	ng/ul	2275040	3	14.65	1423450	20.0
Naphthalene, 1,4-...	13.83	71.6	ng/ul	5095250	3	14.65	1423450	20.0
Naphthalene, 1,3-...	13.99	158.2	ng/ul	11262100	3	14.65	1423450	20.0
Naphthalene, 1,6-...	14.22	60.4	ng/ul	4294950	3	14.65	1423450	20.0
(DEL) Alkane: Str...	14.54	7.0	ng/ul	501152	3	14.65	1423450	20.0
Naphthalene, 1,4,...	14.78	22.1	ng/ul	1572350	3	14.65	1423450	20.0
Naphthalene, 1,6,...	15.45	81.2	ng/ul	5781780	3	14.65	1423450	20.0
Naphthalene, 1,2,...	15.88	27.5	ng/ul	1957970	3	14.65	1423450	20.0
Naphthalene, 1-me...	15.98	28.4	ng/ul	2024940	3	14.65	1423450	20.0
Cyclopentene, 1,2...	16.02	28.4	ng/ul	2022290	3	14.65	1423450	20.0
1,1'-Biphenyl, 2-...	16.38	134.3	ng/ul	9018400	4	17.41	1343330	20.0
Chamazulene	16.52	52.6	ng/ul	3532100	4	17.41	1343330	20.0
3H-Benz[e]indene,...	16.77	44.7	ng/ul	3004780	4	17.41	1343330	20.0
4,4'-Dimethylbiph...	16.92	17.5	ng/ul	1176930	4	17.41	1343330	20.0
Dibenz[c,e]oxepin...	17.06	25.1	ng/ul	1684140	4	17.41	1343330	20.0
(DEL) Alkane: Str...	17.21	13.0	ng/ul	871408	4	17.41	1343330	20.0
2-Bromo dodecane	17.89	24.4	ng/ul	1638170	4	17.41	1343330	20.0
Phenanthrene, 1-m...	18.29	81.5	ng/ul	5477190	4	17.41	1343330	20.0
Anthracene, 1-met...	18.34	105.1	ng/ul	7060290	4	17.41	1343330	20.0
1H-Cyclopropa[l]p...	18.48	65.9	ng/ul	4427270	4	17.41	1343330	20.0
Phenanthrene, 2-m...	18.53	53.4	ng/ul	3587820	4	17.41	1343330	20.0
(DEL) Alkane: Str...	18.59	12.0	ng/ul	806385	4	17.41	1343330	20.0
Phenanthrene, 3,6...	19.03	31.9	ng/ul	2142340	4	17.41	1343330	20.0
di-p-Tolylacetylene	19.08	21.5	ng/ul	1441110	4	17.41	1343330	20.0
Phenanthrene, 2,5...	19.21	104.5	ng/ul	7021530	4	17.41	1343330	20.0
9,10-Dimethylanth...	19.34	36.9	ng/ul	2474800	4	17.41	1343330	20.0
Phenanthrene, 2,3...	19.90	42.8	ng/ul	3362630	5	21.69	1573310	20.0
Pyrene, 2-methyl-	20.62	33.7	ng/ul	2649930	5	21.69	1573310	20.0
Pyrene, 1-methyl-	20.67	20.0	ng/ul	1573310	5	21.69	1573310	20.0