LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

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-BG111920MA.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	7.409	687	693	702	rVV2	192875	419695	5.61%	0.379%
2	7.592	713	724	731	rBV	102066	191305	2.56%	0.173%
3	7.803	750	760	767	rBV	150261	291756	3.90%	0.263%
4	7.927	777	781	786	rVV2	48851	76441	1.02%	0.069%
5	8.279	833	841	847	rBV3	152524	269743	3.61%	0.243%
6	8.661	899	906	916	rVV3	29386	59091	0.79%	0.053%
7	8.837	930	936	945	rVB3	55501	159355	2.13%	0.144%
8	8.925	945	951	954	rBV2	83267	153698	2.06%	0.139%
9	8.966	954	958	966	rVB2	189290	340505	4.55%	0.307%
10	9.090	967	979	983	rBV6	37775	96444	1.29%	0.087%
11	9.172	991	993	1001	rVB7	37952	69779	0.93%	0.063%
12	9.290	1009	1013	1020	rVB4	55056	114444	1.53%	0.103%
13	9.395	1020	1031	1035	rBV4	172195	407225	5.45%	0.368%
14	9.448	1035	1040	1044	rVB	98189	143229	1.92%	0.129%
15	9.648	1064	1074	1081	rVB10	89892	238444	3.19%	0.215%
16	9.730	1082	1088	1091	rBV5	41660	86204	1.15%	0.078%
17	9.924	1116	1121	1126	rVB4	83479	148639	1.99%	0.134%
18	9.983	1126	1131	1135	rVV2	106937	197160	2.64%	0.178%
19	10.030	1135	1139	1148	rVB2	135320	240892	3.22%	0.217%
20	10.177	1154	1164	1169	rBV4	174942	408656	5.46%	0.369%
21	10.224	1169	1172	1177	rVB2	72731	108573	1.45%	0.098%
22	10.288	1177	1183	1189	rBV3	268567	513715	6.87%	0.464%
23	10.500	1214	1219	1225	rVV3	215156	397244	5.31%	0.358%
24	10.565	1225	1230	1235	rVB3	103103	181061	2.42%	0.163%
25	10.653	1241	1245	1246	rBV3	54410	62430	0.83%	0.056%
26	10.711	1247	1255	1265	rVB5	222473	606355	8.11%	0.547%
27	10.800	1265	1270	1279	rBV6	104127	319973	4.28%	0.289%
28	10.888	1281	1285	1291	rBV4	54291	91539	1.22%	0.083%
29	10.988	1295	1302	1305	rBV5	67559	163890	2.19%	0.148%
30	11.082	1310	1318	1322	rBV5	307987	821926	10.99%	0.742%
31	11.223	1337	1342	1346	rBV3	181148	348212	4.66%	0.314%
32	11.317	1354	1358	1364	rBV3	140987	234338	3.13%	0.211%
33	11.475	1382	1385	1388	rBV4	52544	64201	0.86%	0.058%
34	11.528	1388	1394	1399	rVB5	113728	249538	3.34%	0.225%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
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Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

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-BG111920MA.M
Title : SVOA CALIBRATION

35	11.605	1403	1407	1414	rVB2	232310	383993	5.13%	0.347%
36	11.681	1417	1420	1423	rBV4	62525	96130	1.29%	0.087%
37	11.775	1432	1436	1437	rBV2	100459	127012	1.70%	0.115%
38	11.881	1449	1454	1458	rBV2	129908	220173	2.94%	0.199%
39	11.939	1458	1464	1469	rBV8	132977	311089	4.16%	0.281%
40	12.016	1472	1477	1486	rVB5	269684	580974	7.77%	0.524%
41	12.116	1490	1494	1497	rBV3	159419	265574	3.55%	0.240%
42	12.157	1497	1501	1504	rVV3	246251	377268	5.04%	0.340%
43	12.204	1505	1509	1515	rVB	331953	548153	7.33%	0.495%
44	12.292	1519	1524	1529	rBV4	286093	546339	7.31%	0.493%
45	12.380	1536	1539	1543	rBV3	198953	256396	3.43%	0.231%
46	12.498	1551	1559	1563	rBV2	375859	889981	11.90%	0.803%
47	12.744	1598	1601	1608	rVB	695225	1132193	15.14%	1.022%
48	12.838	1613	1617	1623	rVV6	235092	492445	6.59%	0.444%
49	12.962	1625	1638	1648	rVV5	726744	2461406	32.91%	2.221%
50	13.038	1648	1651	1659	rVB5	318489	642691	8.59%	0.580%
51	13.120	1662	1665	1670	rBV5	202335	284352	3.80%	0.257%
52	13.432	1714	1718	1725	rVB4	450093	802481	10.73%	0.724%
53	13.567	1738	1741	1745	rVB2	293982	408878	5.47%	0.369%
54	13.714	1761	1766	1774	rVB5	585301	1210773	16.19%	1.093%
55	13.831	1783	1786	1792	rVB3	556603	1078664	14.42%	0.973%
56	13.931	1800	1803	1804	rBV2	285889	285528	3.82%	0.258%
57	14.066	1821	1826	1835	rBV4	680703	1913225	25.58%	1.727%
58	14.225	1848	1853	1858	rVB	1784715	3083054	41.23%	2.782%
59	14.278	1858	1862	1868	rVB2	1540255	2475558	33.10%	2.234%
60	14.331	1868	1871	1874	rBV2	411925	604418	8.08%	0.545%
61	14.366	1874	1877	1881	rVB2	558552	708593	9.48%	0.639%
62	14.460	1888	1893	1903	rVB2	1085603	2643202	35.35%	2.385%
63	14.595	1912	1916	1918	rBV2	335538	537439	7.19%	0.485%
64	14.736	1937	1940	1944	rVB4	426309	559242	7.48%	0.505%
65	14.777	1944	1947	1951	rBV2	423549	536059	7.17%	0.484%
66	15.112	1998	2004	2011	rVB4	866254	2130213	28.49%	1.922%
67	15.183	2013	2016	2019	rBV2	424688	525132	7.02%	0.474%
68	15.288	2028	2034	2040	rVV	1872264	3415662	45.67%	3.083%
69	15.371	2043	2048	2056	rVB	1998385	3225843	43.14%	2.911%
70	15.512	2067	2072	2077	rBV	1925683	3395861	45.41%	3.065%
71	15.565	2077	2081	2085	rVB	1273880	1792079	23.96%	1.617%

LSC Area Percent Report

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Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Title : SVOA CALIBRATION

72	15.682	2094	2101	2104	rBV4	1171071	2690838	35.98%	2.428%
73	15.717	2104	2107	2113	rVB2	1410619	2087521	27.91%	1.884%
74	15.929	2140	2143	2147	rVB2	698843	906017	12.12%	0.818%
75	16.105	2170	2173	2176	rBV2	679471	927951	12.41%	0.837%
76	16.211	2188	2191	2195	rBV5	512502	1047679	14.01%	0.945%
77	16.381	2217	2220	2223	rBV	699790	913238	12.21%	0.824%
78	16.446	2228	2231	2235	rVV	622985	783602	10.48%	0.707%
79	16.610	2251	2259	2270	rVB3	3253237	7478205	100.00%	6.749%
80	16.746	2277	2282	2286	rBV	1478211	2475367	33.10%	2.234%
81	16.863	2298	2302	2306	rBV5	511332	1186068	15.86%	1.070%
82	17.292	2371	2375	2380	rBV2	887394	1613734	21.58%	1.456%
83	17.374	2386	2389	2393	rVB	1145009	1380420	18.46%	1.246%
84	17.433	2396	2399	2402	rVV2	606364	841386	11.25%	0.759%
85	17.686	2437	2442	2447	rBV	1542251	2564730	34.30%	2.315%
86	18.038	2499	2502	2507	rBV5	785795	1239580	16.58%	1.119%
87	18.115	2512	2515	2520	rVB3	1650034	2175589	29.09%	1.963%
88	18.514	2579	2583	2586	rBV	1741765	2640077	35.30%	2.383%
89	18.561	2587	2591	2596	rVB2	2403315	3948016	52.79%	3.563%
90	18.696	2610	2614	2618	rBV2	1533144	2438613	32.61%	2.201%
91	18.743	2619	2622	2626	rVB	1327772	1819661	24.33%	1.642%
92	18.796	2628	2631	2637	rBV2	919992	1448349	19.37%	1.307%
93	18.896	2645	2648	2654	rVB2	835562	1333978	17.84%	1.204%
94	19.296	2713	2716	2720	rBV	746181	1012361	13.54%	0.914%
95	19.419	2732	2737	2741	rBV	3436808	5154431	68.93%	4.652%
96	19.507	2749	2752	2755	rVB2	1106939	1296001	17.33%	1.170%
97	19.554	2756	2760	2765	rBV2	725131	1703677	22.78%	1.538%
98	20.042	2839	2843	2849	rVB2	2413460	3751343	50.16%	3.385%
99	20.106	2850	2854	2859	rVB	1697347	2685934	35.92%	2.424%
100	20.823	2973	2976	2980	rBV	1562157	2039334	27.27%	1.840%

Sum of corrected areas: 110807473

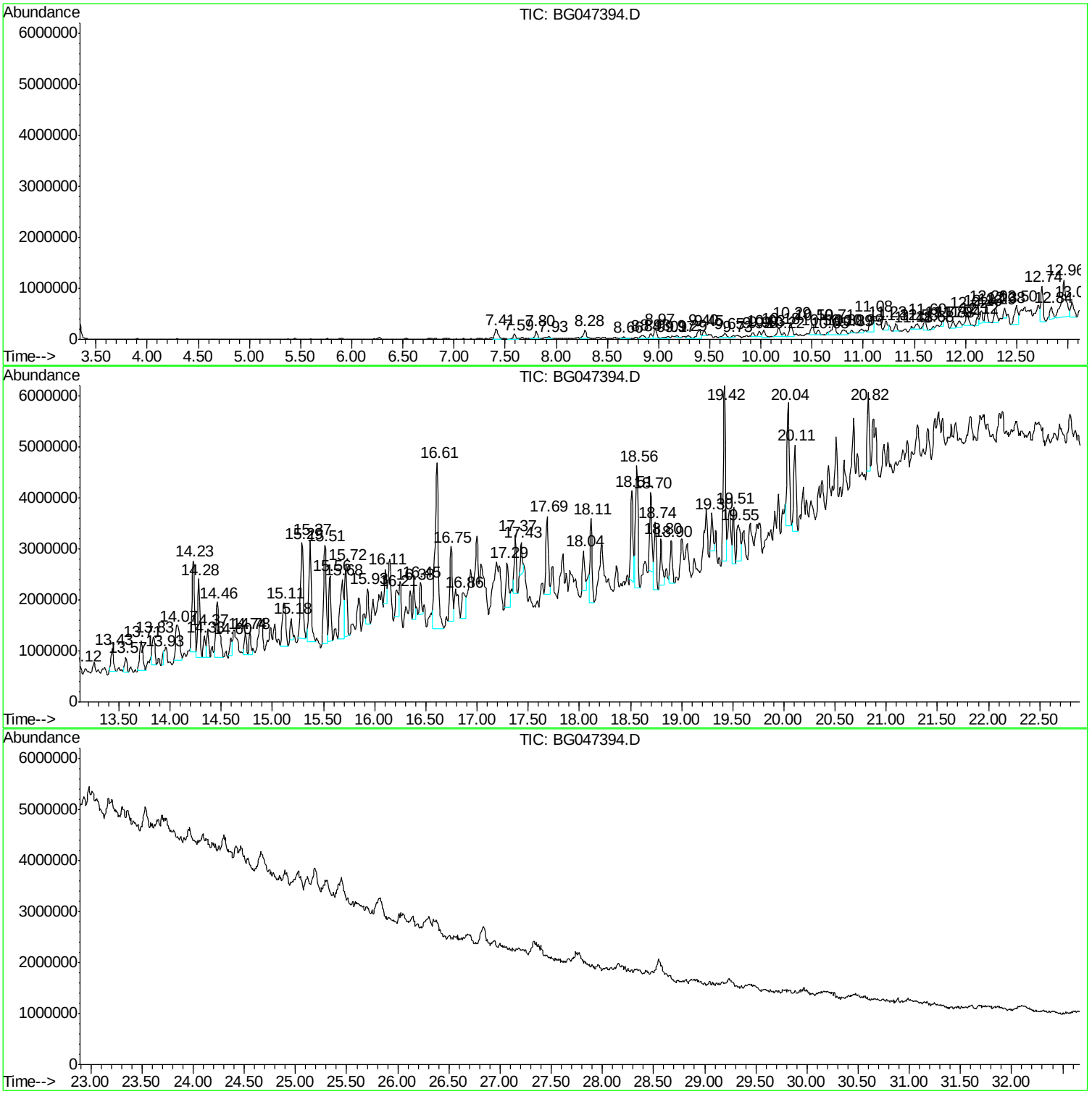
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

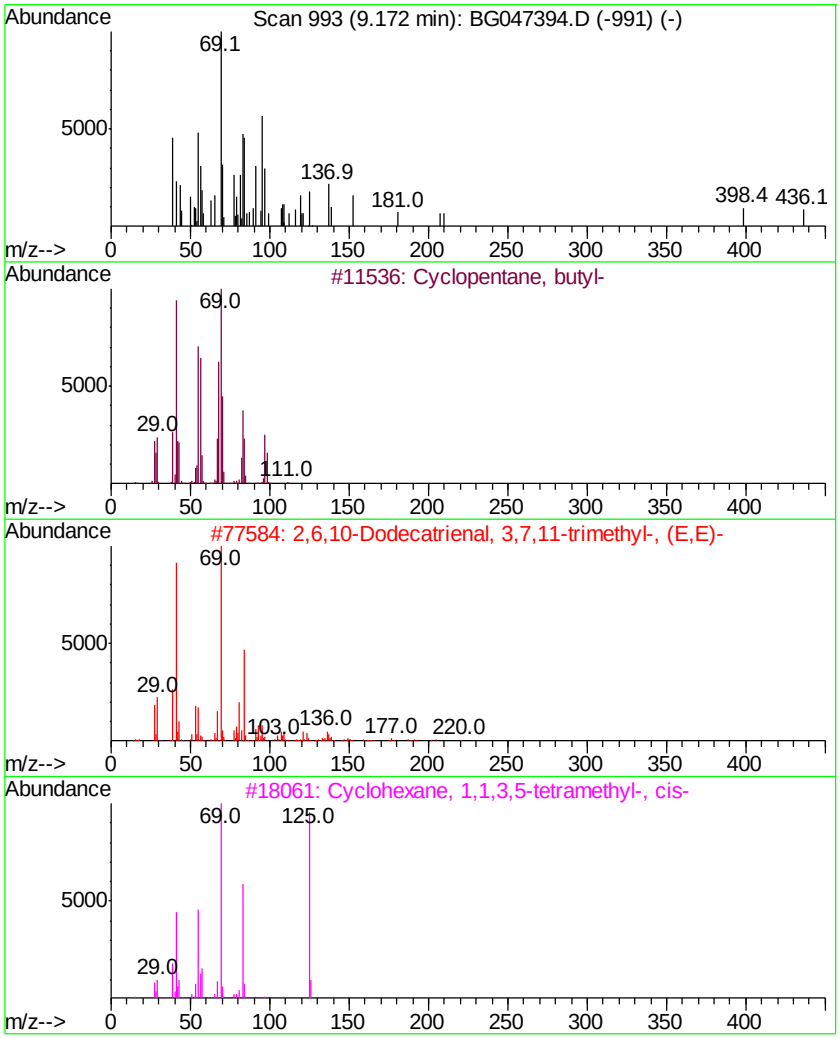
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

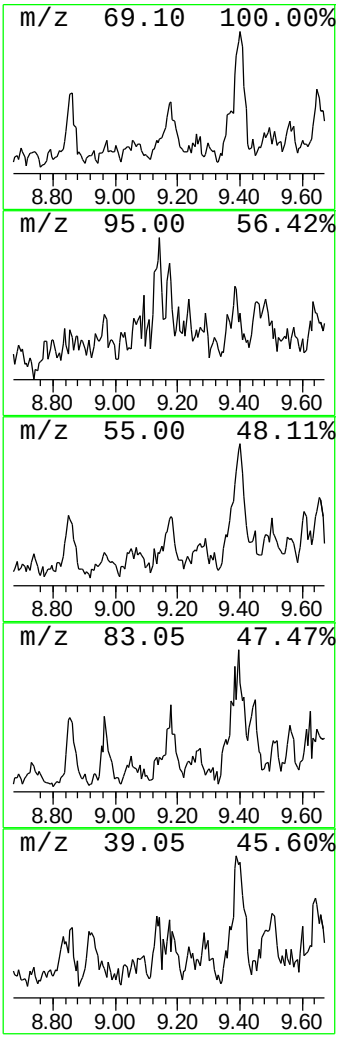
****

Peak Number 5 (DEL) Alkane: Cyclic9.17 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	5.17 ng/ul	69779	1,4-Dichlorobenzene-d4	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, butyl-	126	C9H18	002040-95-1	43
2	2,6,10-Dodecatrienal, 3,7,11-tri...	220	C15H24O	000502-67-0	35
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	35
4	(S)-3-Ethyl-4-methylpentanol	130	C8H18O	1000144-07-1	35
5	1-Nitrododecane	215	C12H25NO2	016891-99-9	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

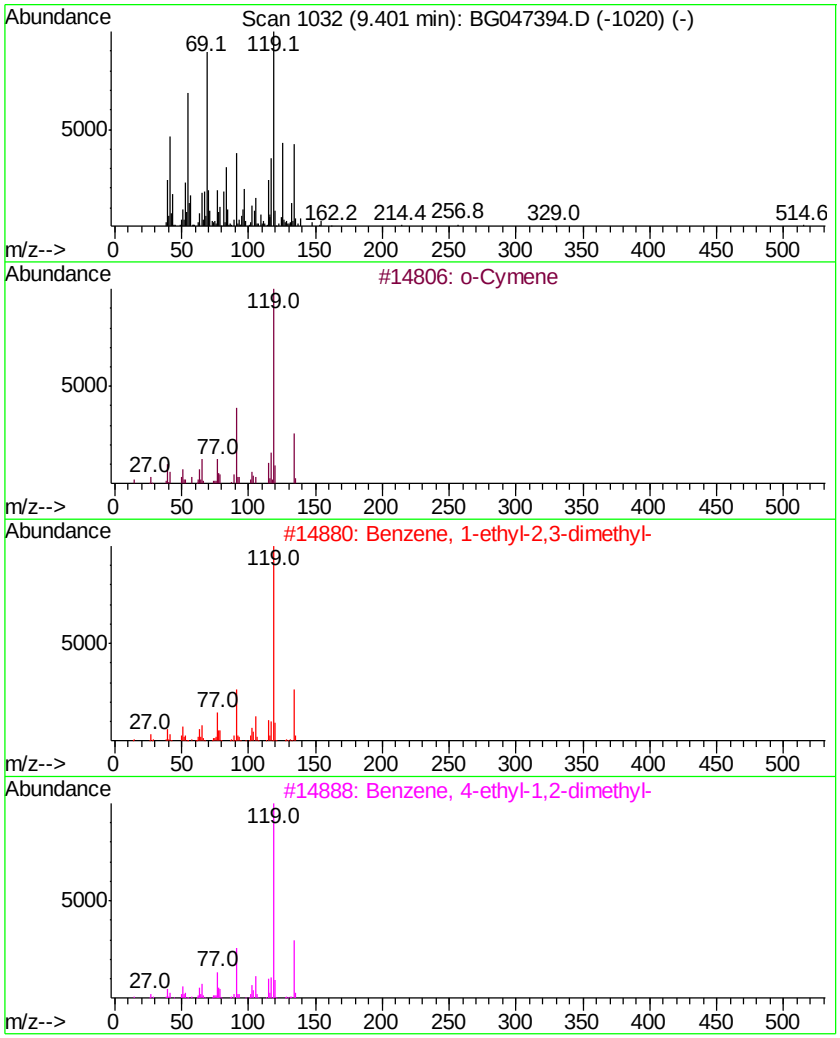
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

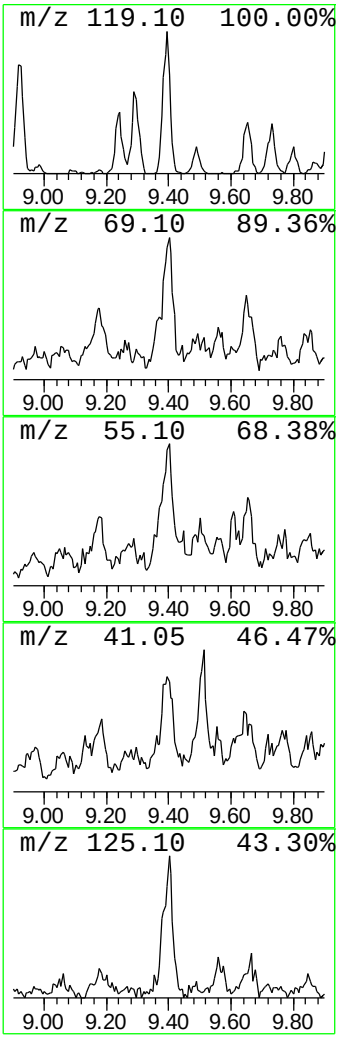
****

Peak Number 7 o-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	30.19 ng/ul	407225	1,4-Dichlorobenzene-d4	8.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	92
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	92
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90





Library Search Compound Report

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

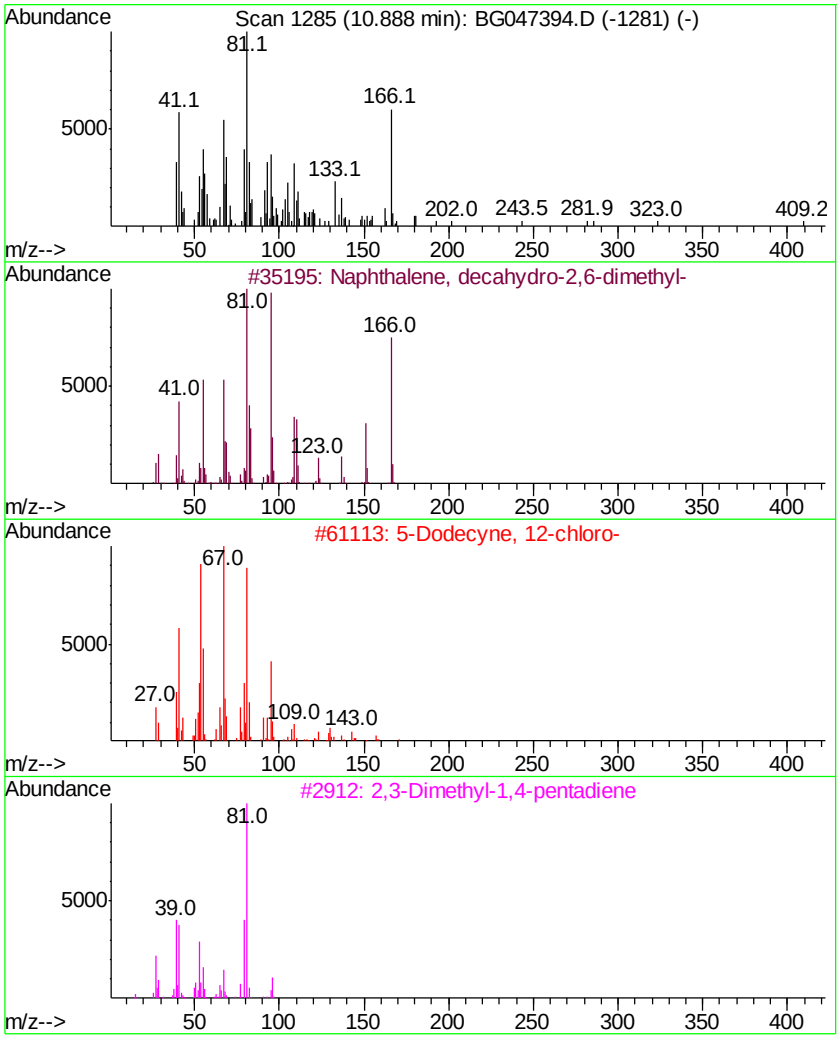
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

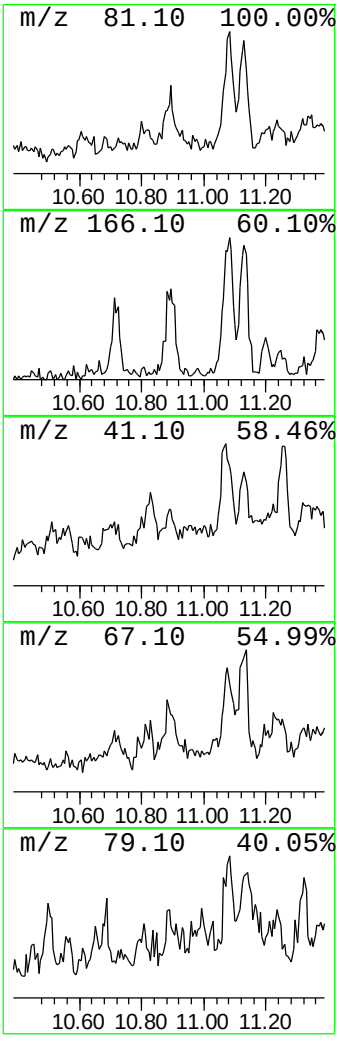
****

Peak Number 18 unknown-01 Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	2.23 ng/ul	91539	Naphthalene-d8	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	49
2	5-Dodecyne, 12-chloro-	200	C12H21Cl	042513-36-0	43
3	2,3-Dimethyl-1,4-pentadiene	96	C7H12	000758-86-1	38
4	4a(2H)-Naphthalenemethanol, octa...	168	C11H20O	099992-19-5	38
5	1-Decyne	138	C10H18	000764-93-2	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

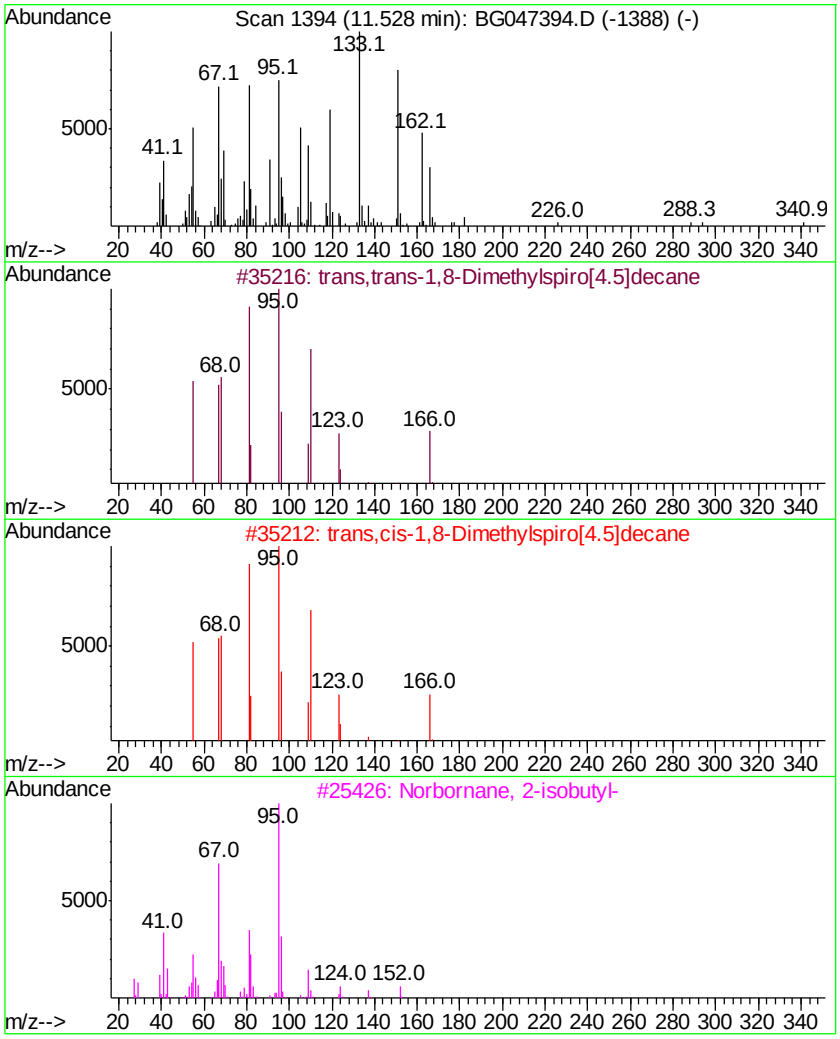
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

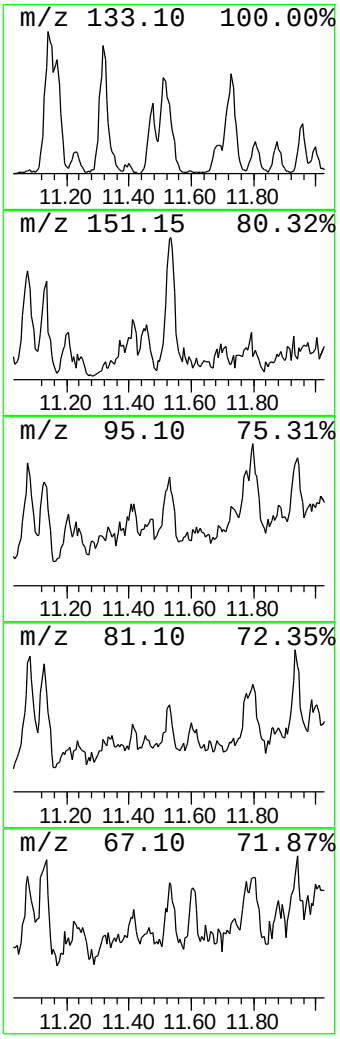
****

Peak Number 21 unknown-02 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	6.07 ng/ul	249538	Naphthalene-d8	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans,trans-1,8-Dimethylspiro[4....	166	C12H22	1000111-72-8	25
2	trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	25
3	Norbornane, 2-isobutyl-	152	C11H20	018127-14-5	18
4	Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	15
5	Benzenethiol, 4-(1,1-dimethyleth...	166	C10H14S	002396-68-1	11





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

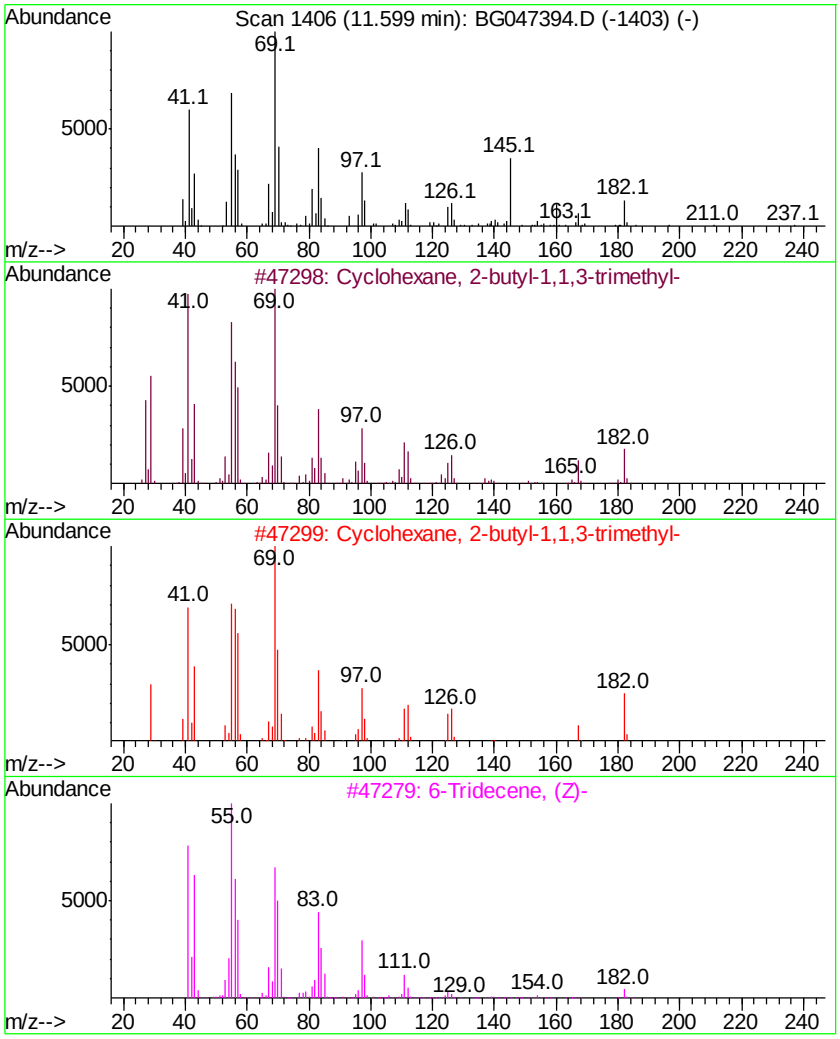
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

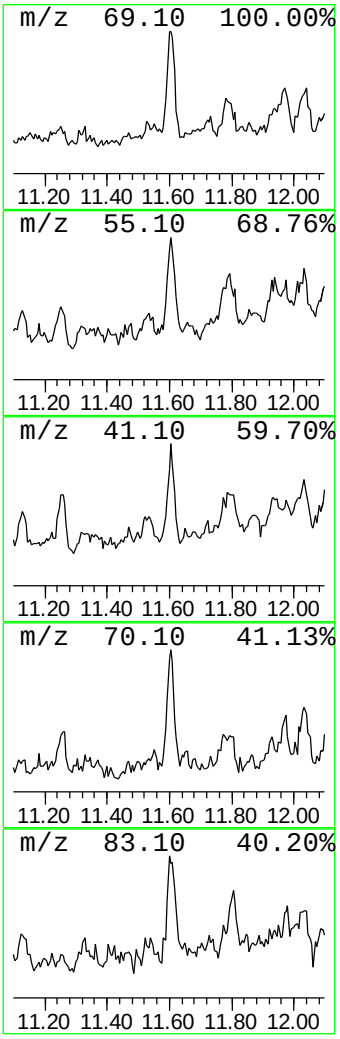
****

Peak Number 22 (DEL) Alkane: Cyclic11.60 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	9.34 ng/ul	383993	Naphthalene-d8	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	89
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	86
3	6-Tridecene, (Z)-	182	C13H26	006508-77-6	70
4	2-Tridecene, (E)-	182	C13H26	041446-58-6	55
5	2-Tridecene, (Z)-	182	C13H26	041446-59-7	55





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Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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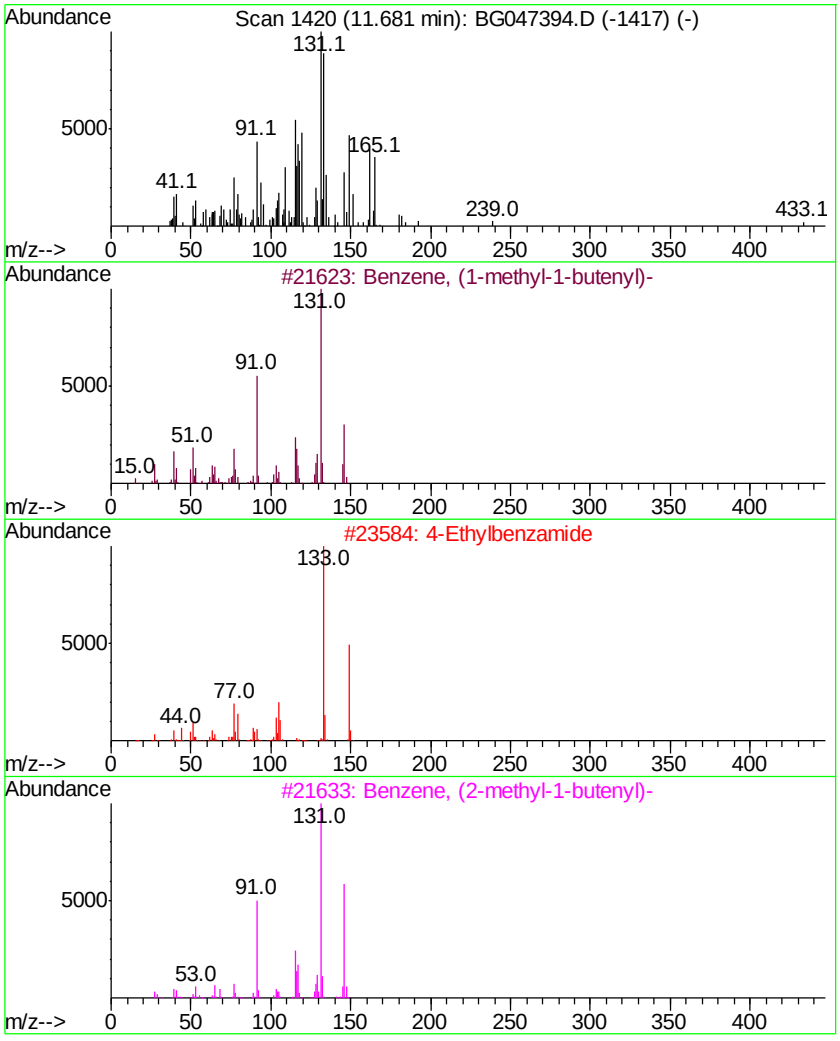
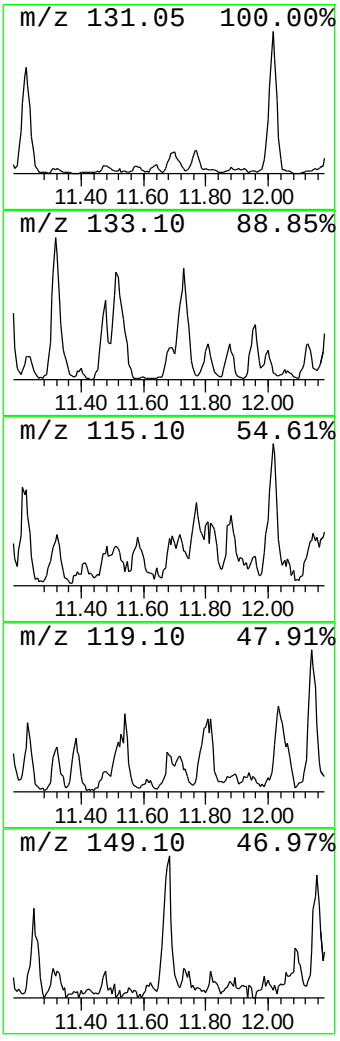
Peak Number 23 unknown-03 Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	2.34 ng/ul	96130	Naphthalene-d8	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	25
2	4-Ethylbenzamide	149	C9H11NO	033695-58-8	18
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	18
4	4-Amino-3-ethylbenzonitrile	146	C9H10N2	170230-87-2	15
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	15





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Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

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Quant Title : SVOA CALIBRATION

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

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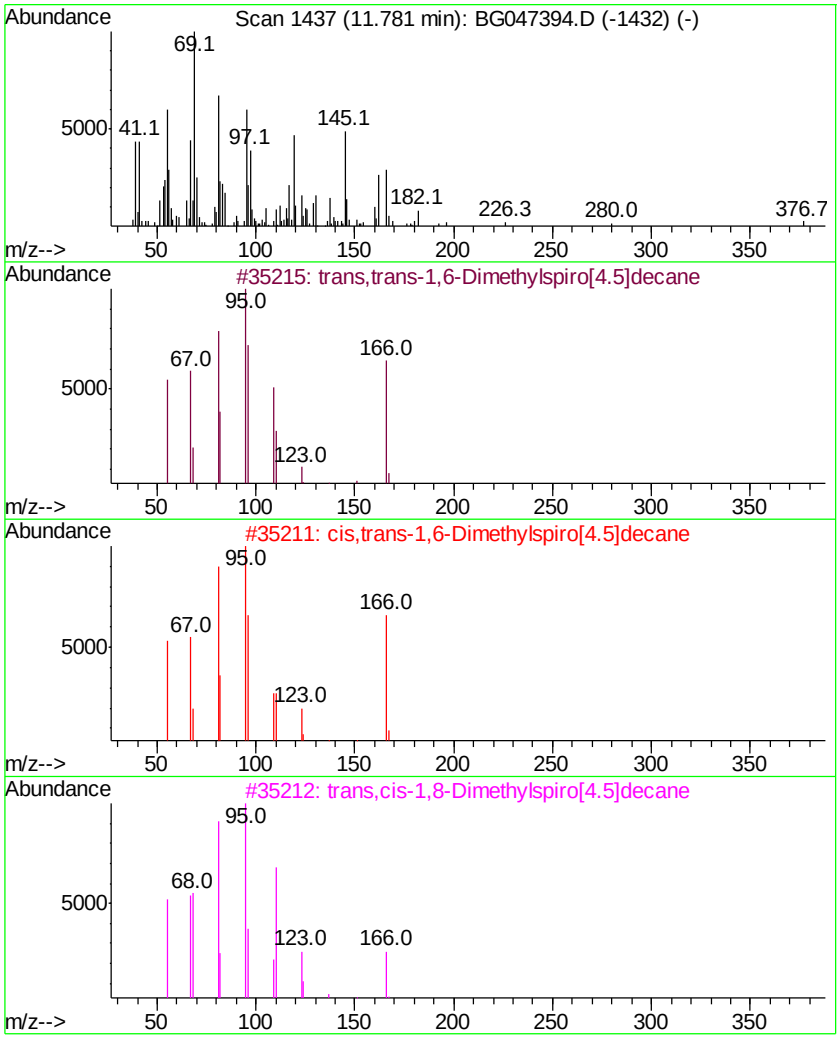
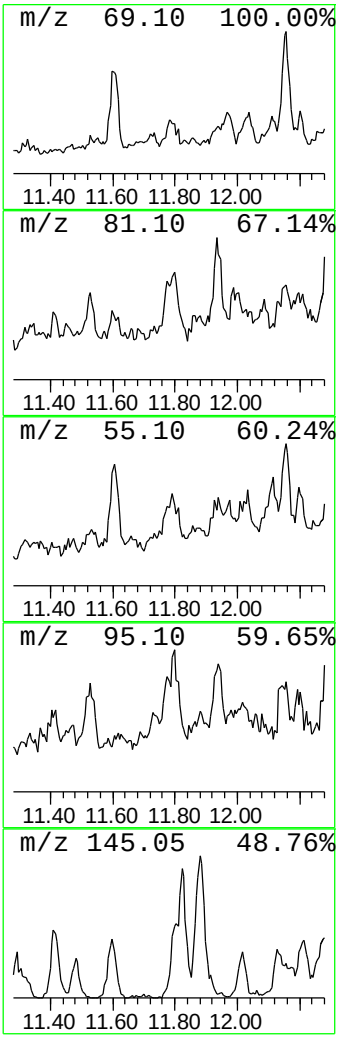
Peak Number 24 unknown-04 Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	3.09 ng/ul	127012	Naphthalene-d8	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	46
2	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	46
3	trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	45
4	trans,trans-1,8-Dimethylspiro[4....	166	C12H22	1000111-72-8	45
5	Cyclohexene, 4-(4-ethylcyclohexy...	262	C19H34	301643-32-3	43





Library Search Compound Report

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Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

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Quant Title : SVOA CALIBRATION

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

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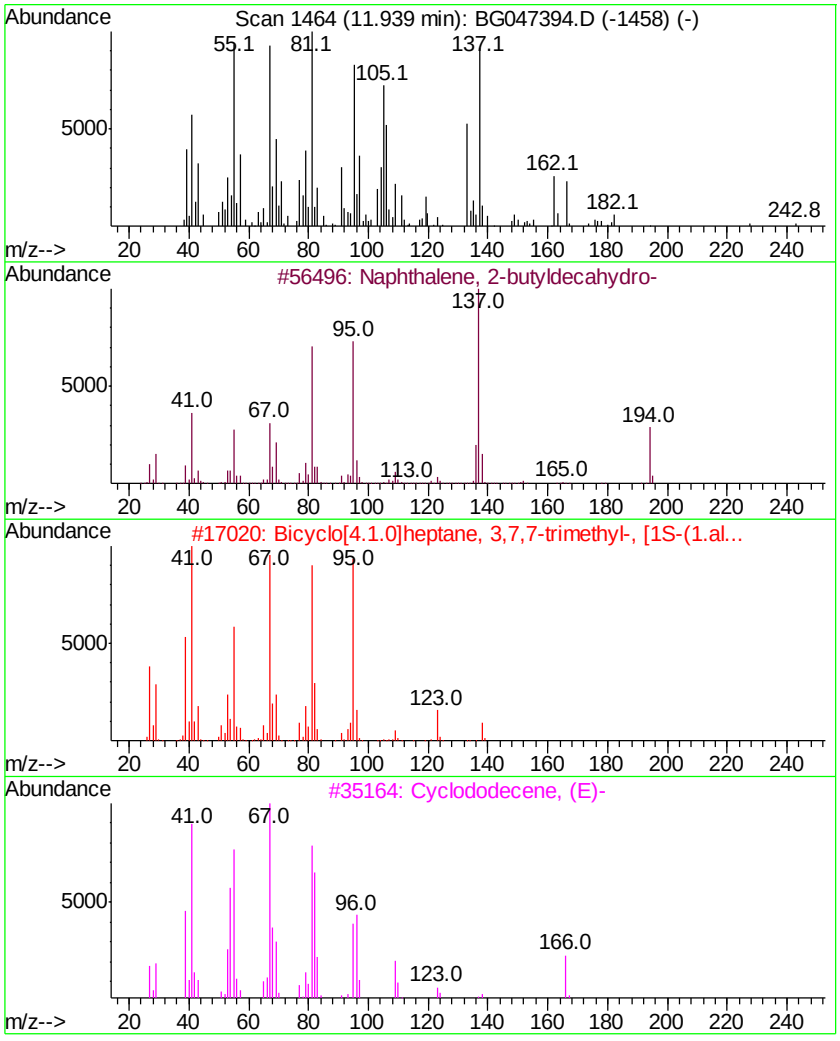
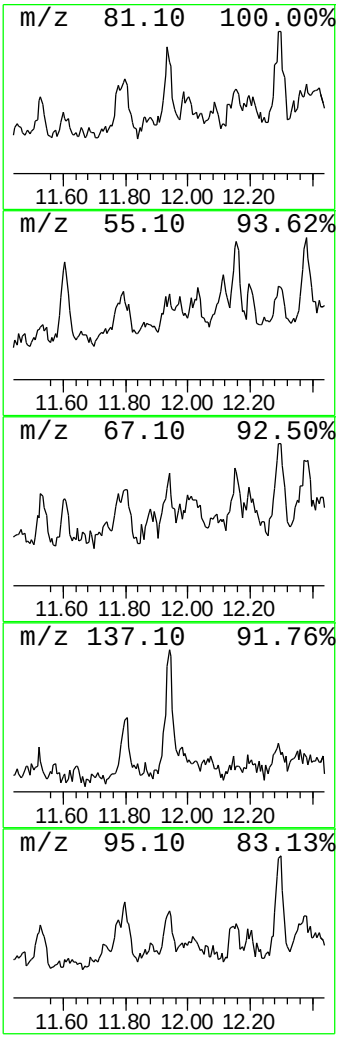
Peak Number 26 unknown-05 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	7.57 ng/ul	311089	Naphthalene-d8	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	47
2	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	006069-97-2	43
3	Cyclododecene, (E)-	166	C12H22	001486-75-5	41
4	Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	38
5	Cyclohexene, 4,5-diethyl-1,2-dim...	166	C12H22	014113-70-3	38





Library Search Compound Report

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Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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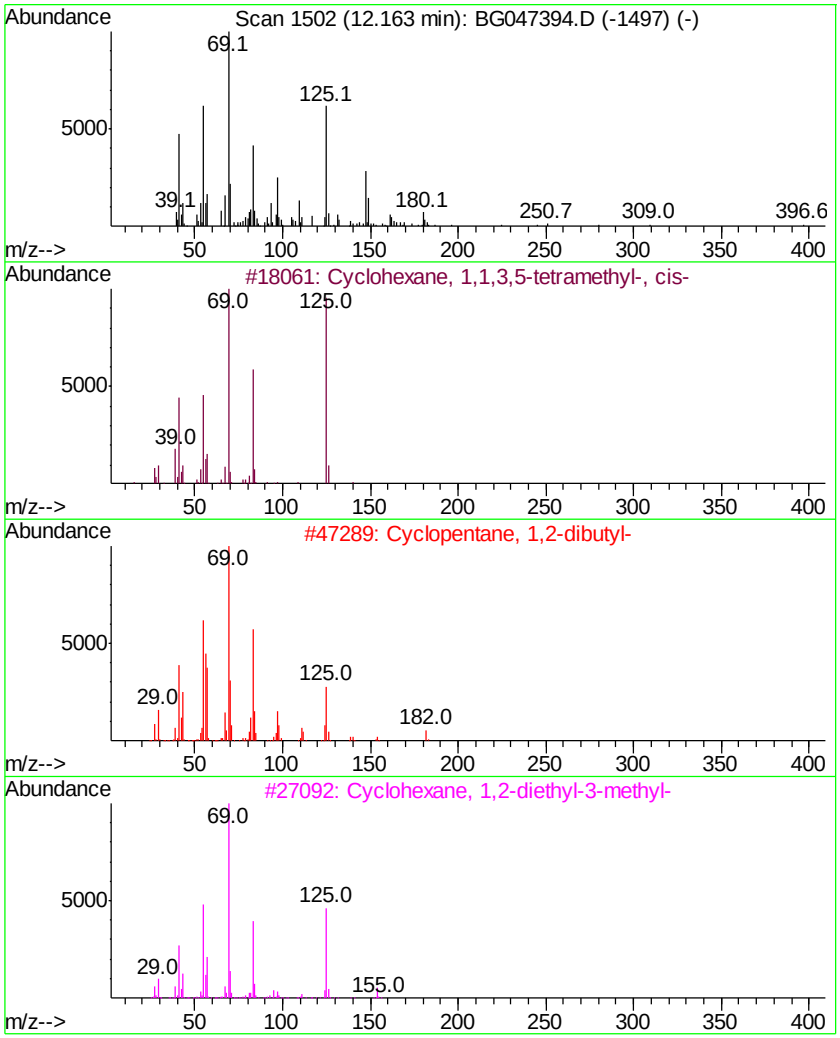
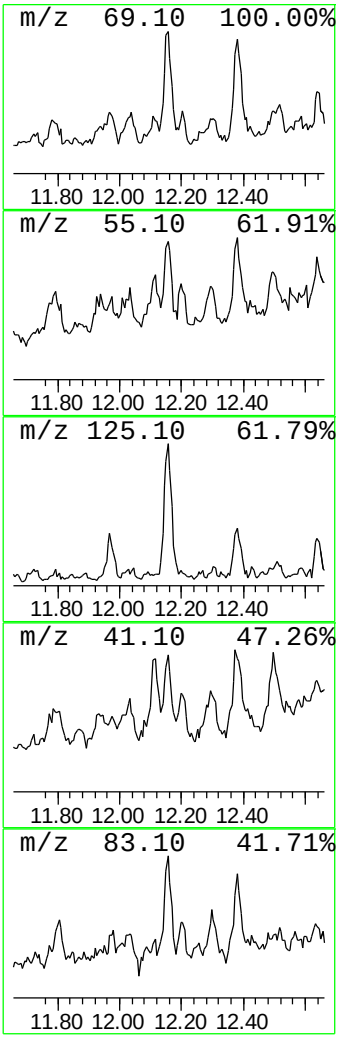
Peak Number 29 (DEL) Alkane: Cyclic12.16 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	9.18 ng/ul	377268	Naphthalene-d8	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	70
2	Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	68
3	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	64
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	62
5	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	59





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Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

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Quant Title : SVOA CALIBRATION

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

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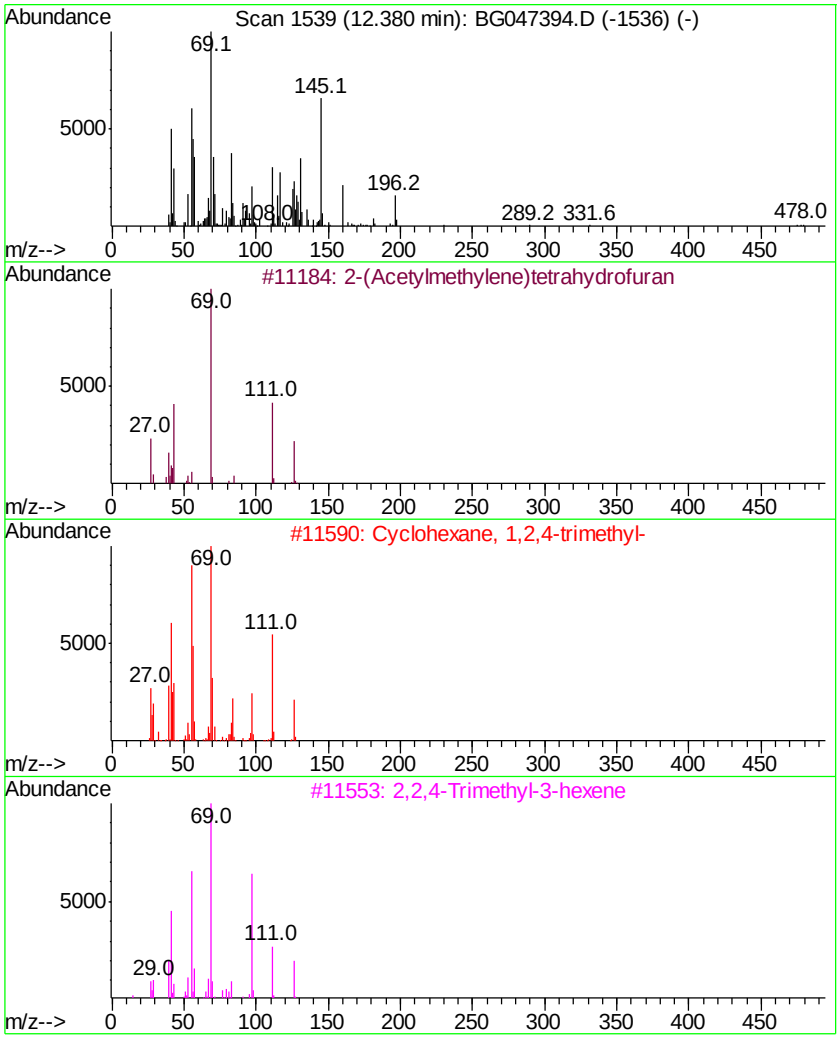
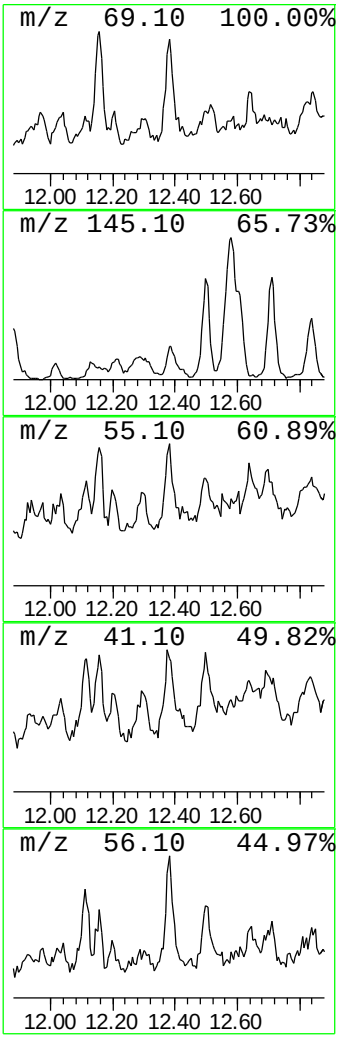
Peak Number 32 unknown-06 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	6.24 ng/ul	256396	Naphthalene-d8	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Acetylmethylene)tetrahydrofuran	126	C7H10O2	112595-65-0	38
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
3	2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	38
4	Cyclohexanone, 3,5-dimethyl-	126	C8H14O	002320-30-1	35
5	Cyclohexanone, 3,5-dimethyl-	126	C8H14O	002320-30-1	35





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Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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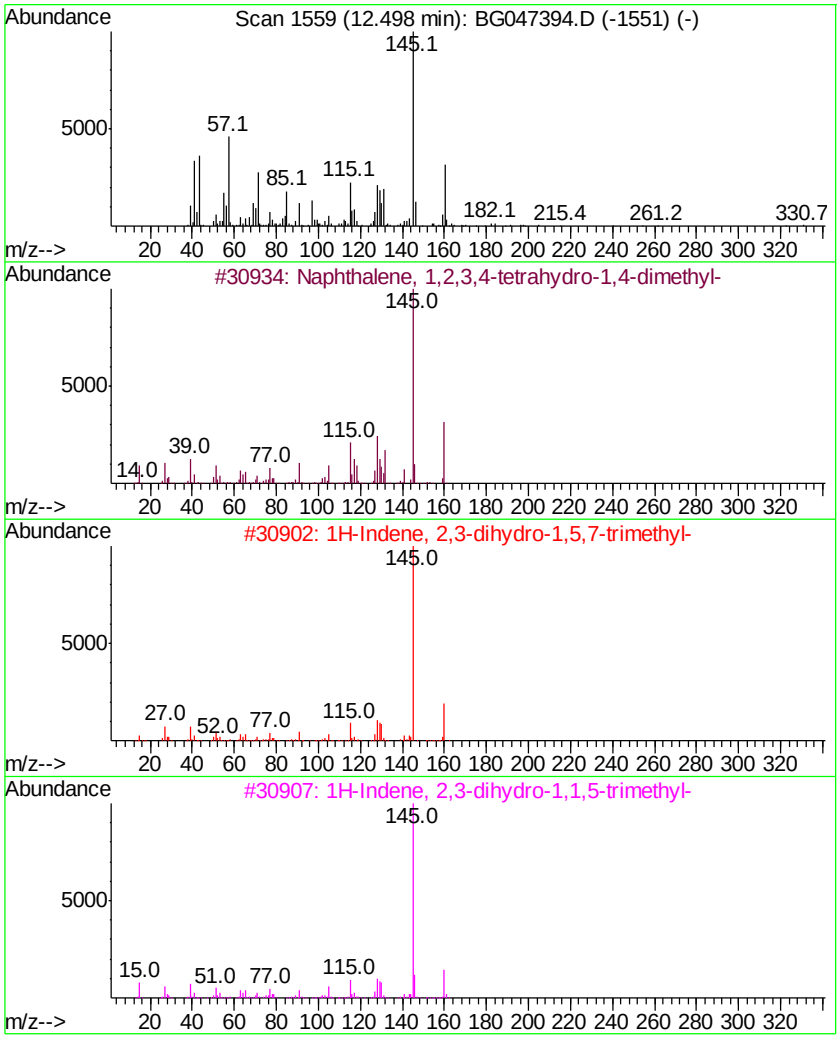
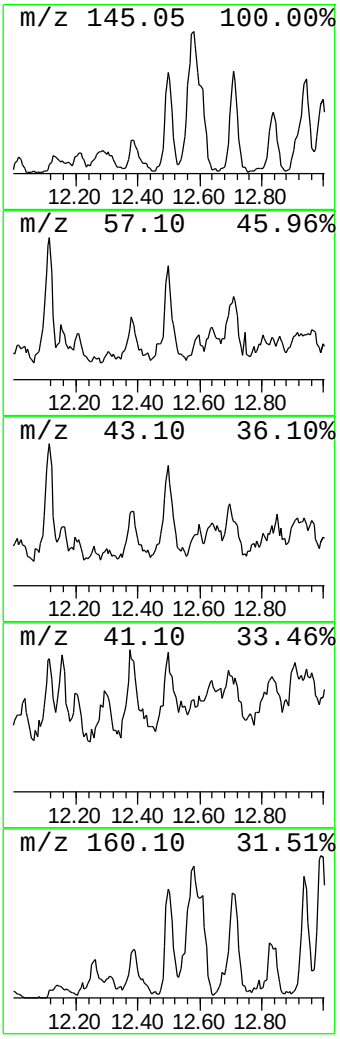
Peak Number 33 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	21.66 ng/ul	889981	Naphthalene-d8	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	81
2	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	76
3	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	76
4	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	68
5	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	60





Library Search Compound Report

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Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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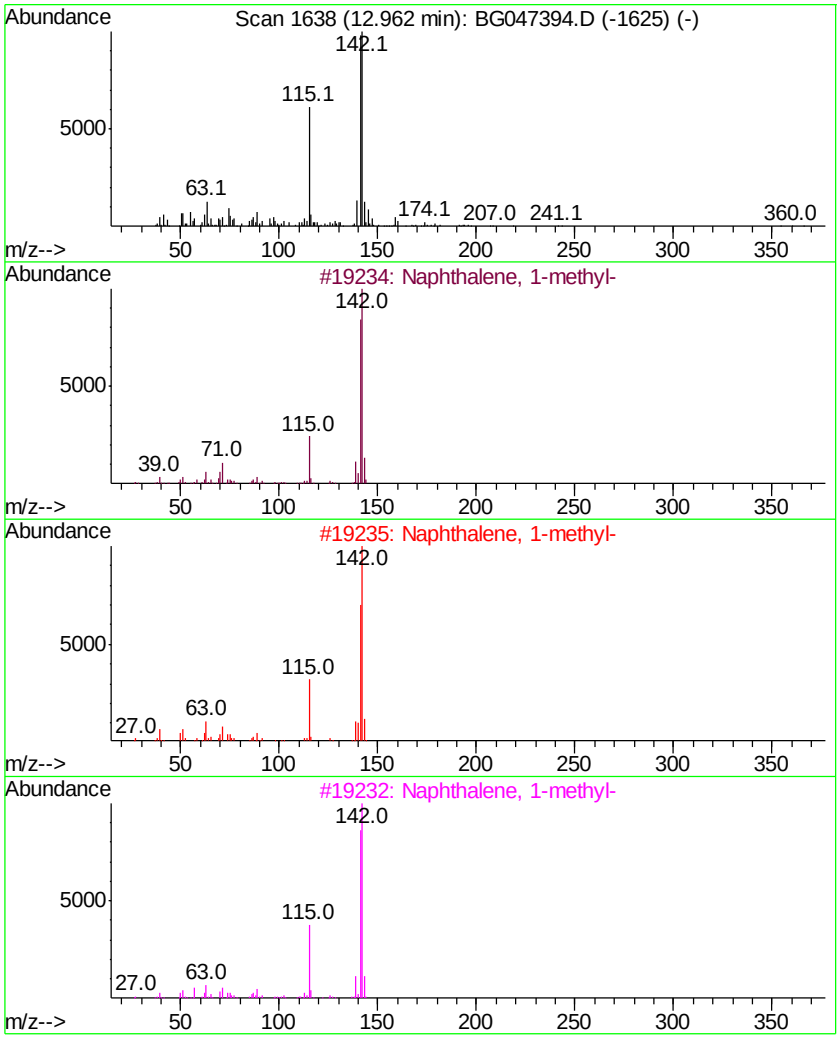
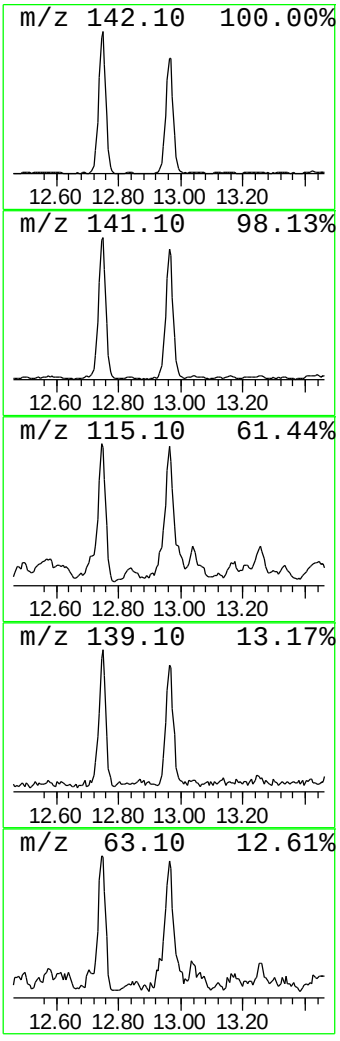
Peak Number 35 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	59.89 ng/ul	2461410	Naphthalene-d8	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5	Benzocycloheptatriene	142	C11H10	000264-09-5	93





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Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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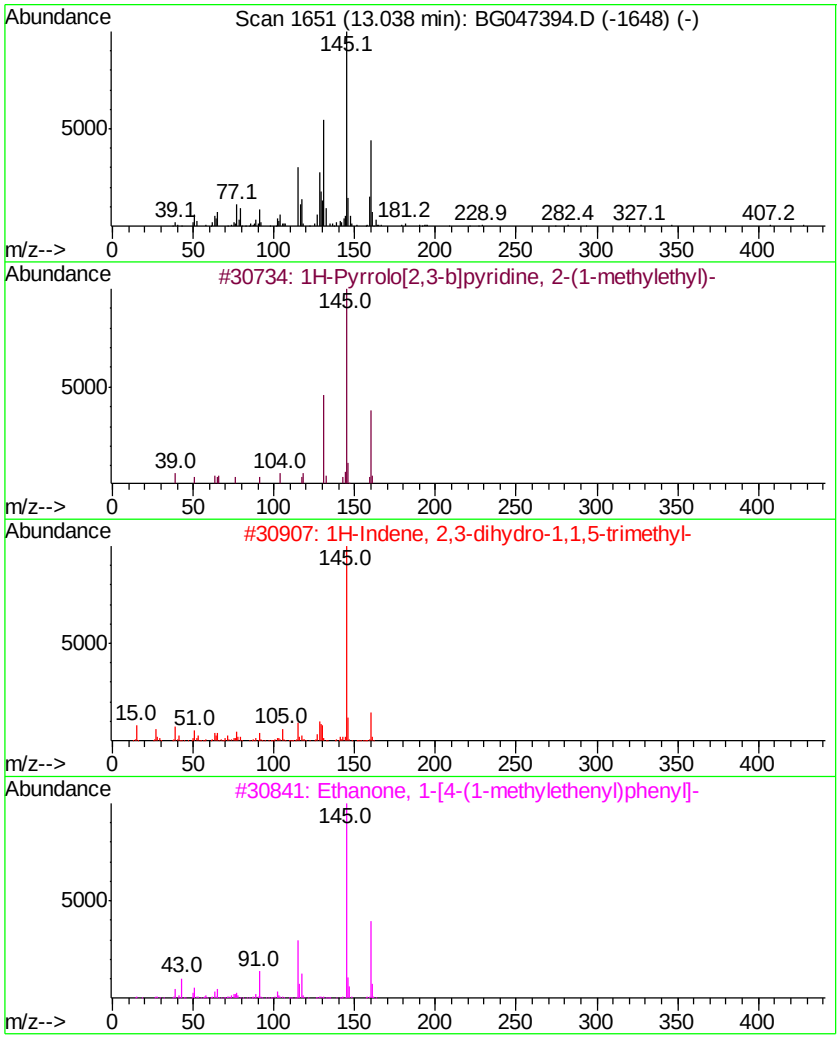
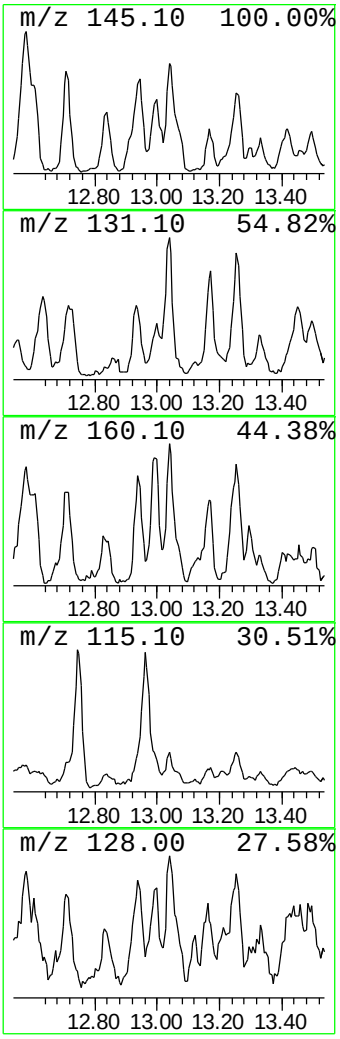
Peak Number 36 1H-Pyrrolo[2,3-b]pyridine, ... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	23.98 ng/ul	642691	Acenaphthene-d10	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrolo[2,3-b]pyridine, 2-(1-...	160	C10H12N2	027257-18-7	74
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	70
3	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	70
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	70
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	70





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

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Quant Title : SVOA CALIBRATION

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

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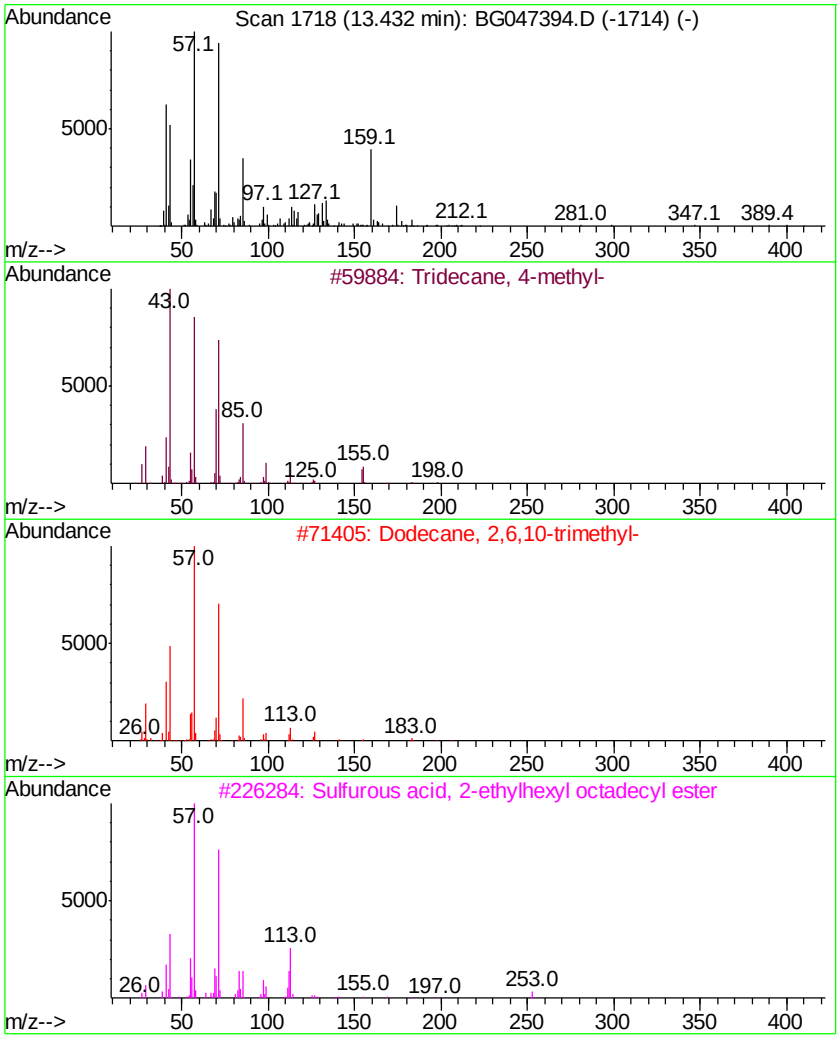
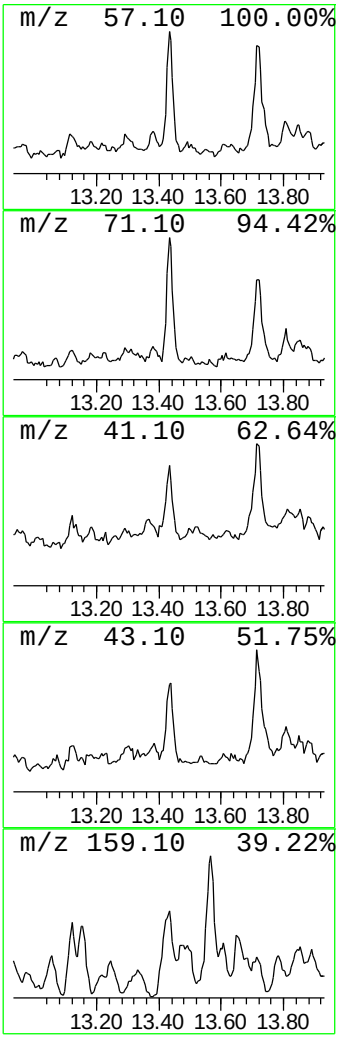
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	29.94 ng/ul	802481	Acenaphthene-d10	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	49
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	47
3	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	43
4	Methacrylaldehyde, tert-butyl is...	186	C11H22O2	023230-85-5	43
5	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	43





Library Search Compound Report

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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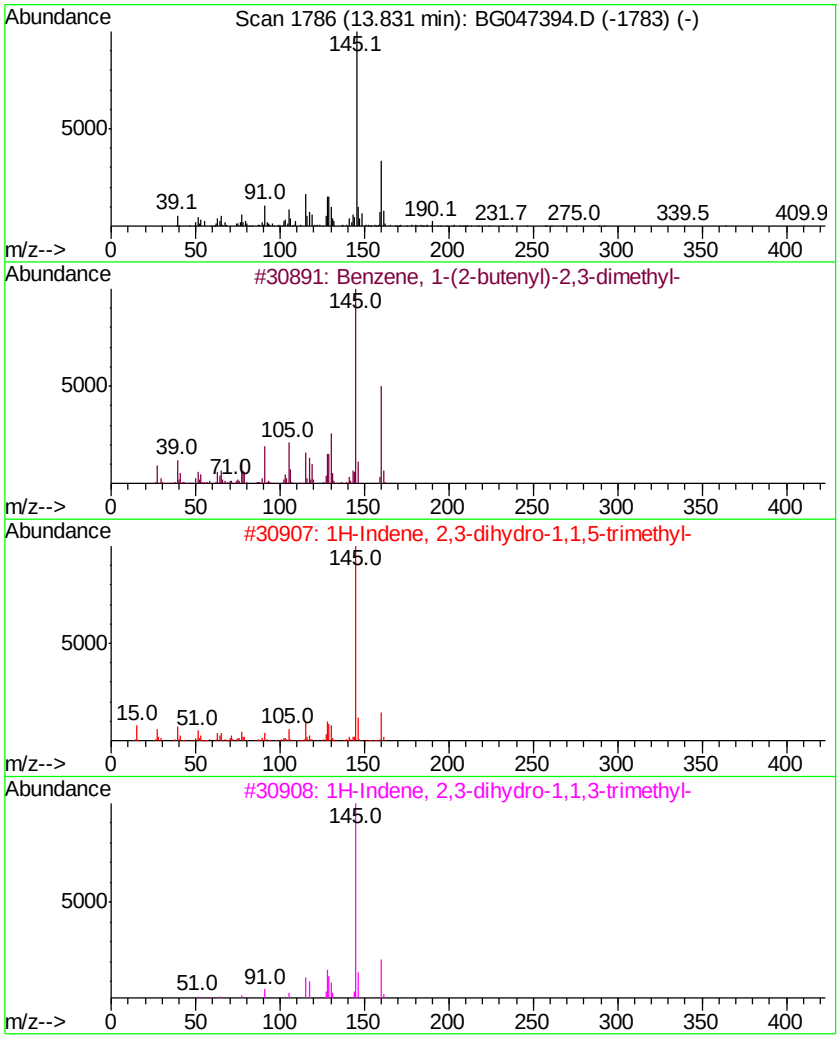
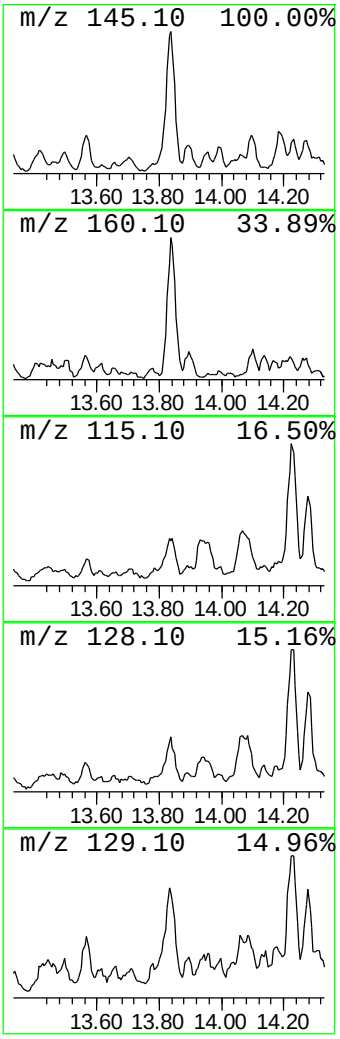
Peak Number 40 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	40.24 ng/ul	1078660	Acenaphthene-d10	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	90
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	87
4	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	87
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	87





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Sample : L4854-03
Misc :
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Instrument : BNA_G
ClientSampleId : C0AD2

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Quant Title : SVOA CALIBRATION

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

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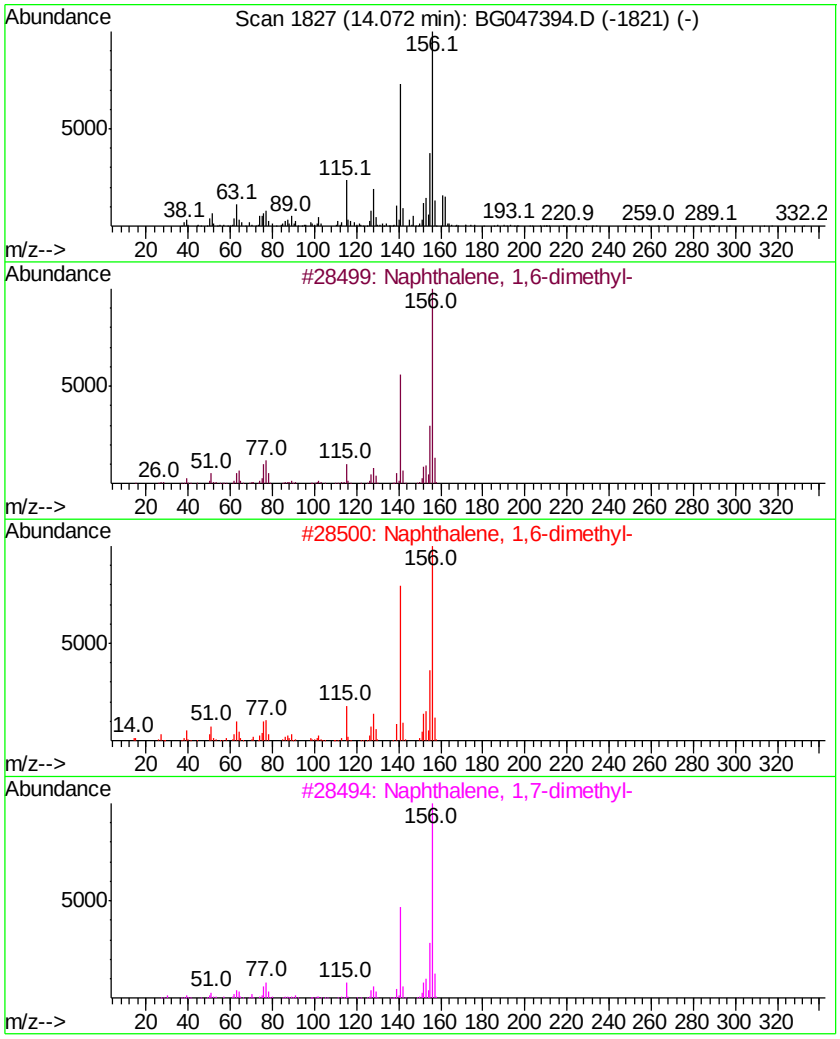
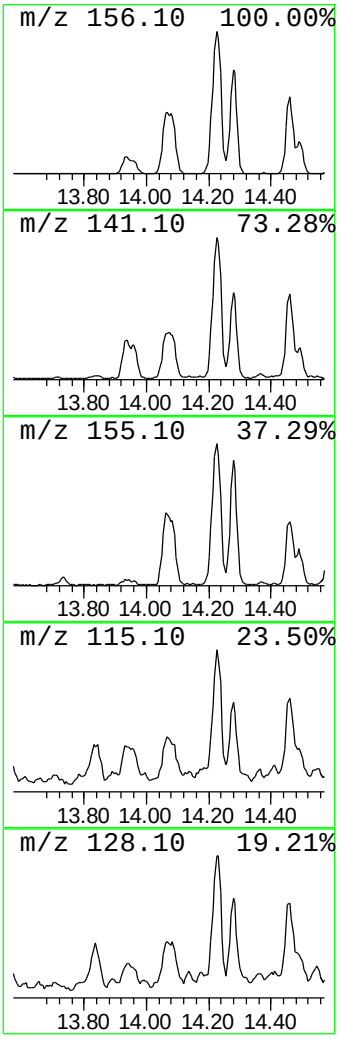
Peak Number 42 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	71.38 ng/ul	1913230	Acenaphthene-d10	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93





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Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

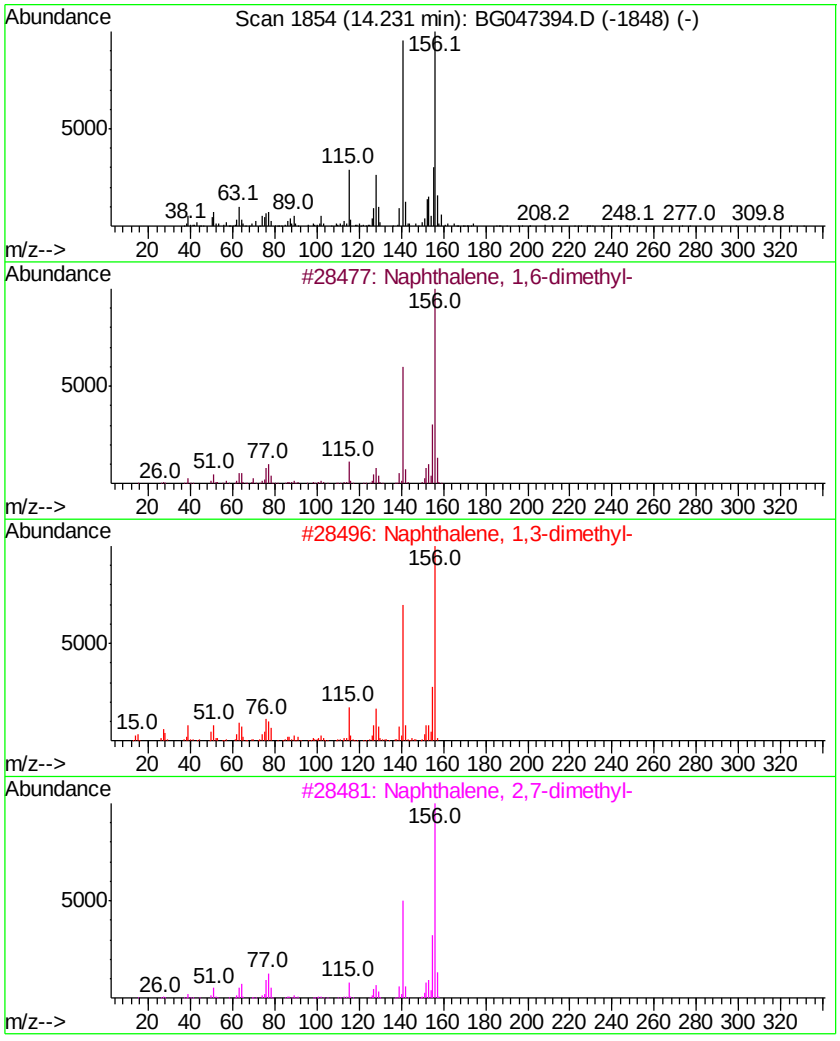
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

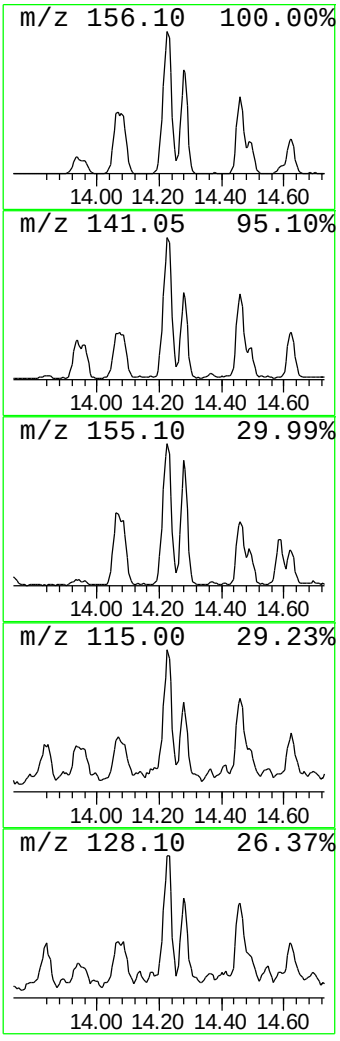
****

Peak Number 43 Naphthalene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	115.03 ng/ul	3083050	Acenaphthene-d10	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

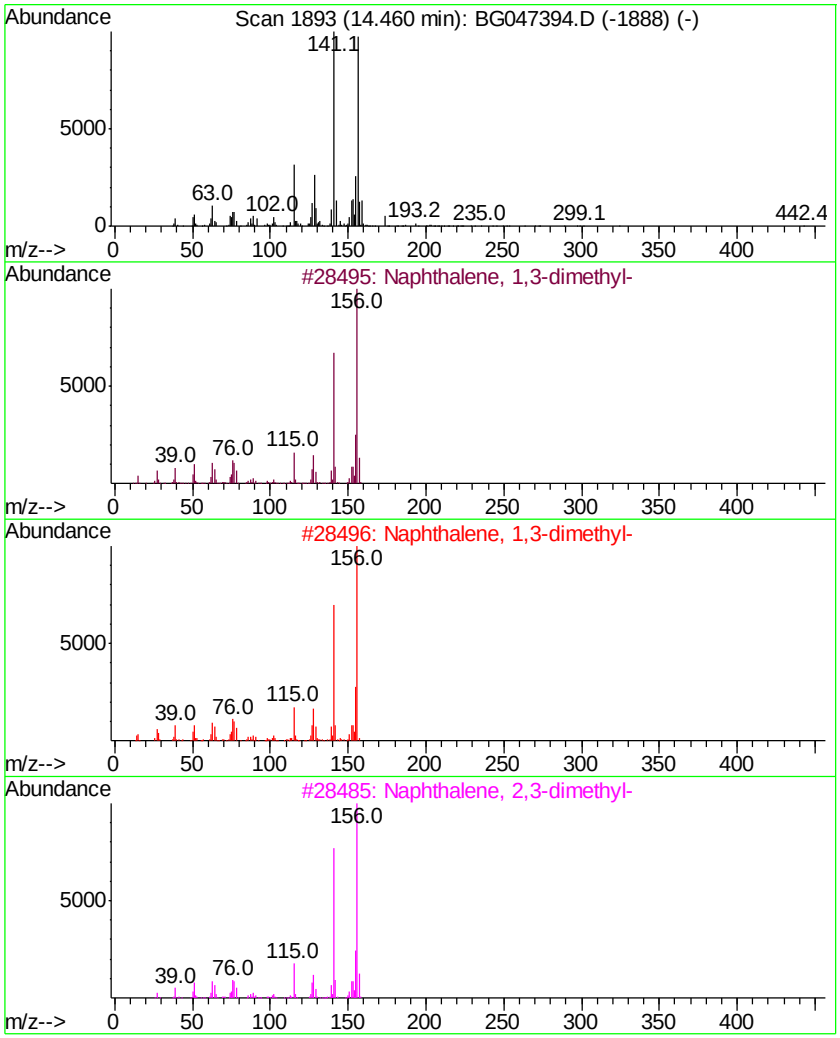
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

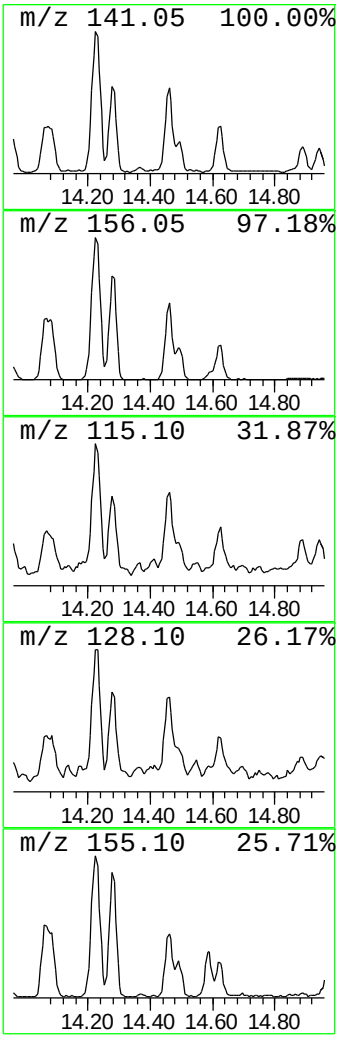
****

Peak Number 44 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	98.62 ng/ul	2643200	Acenaphthene-d10	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93





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Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

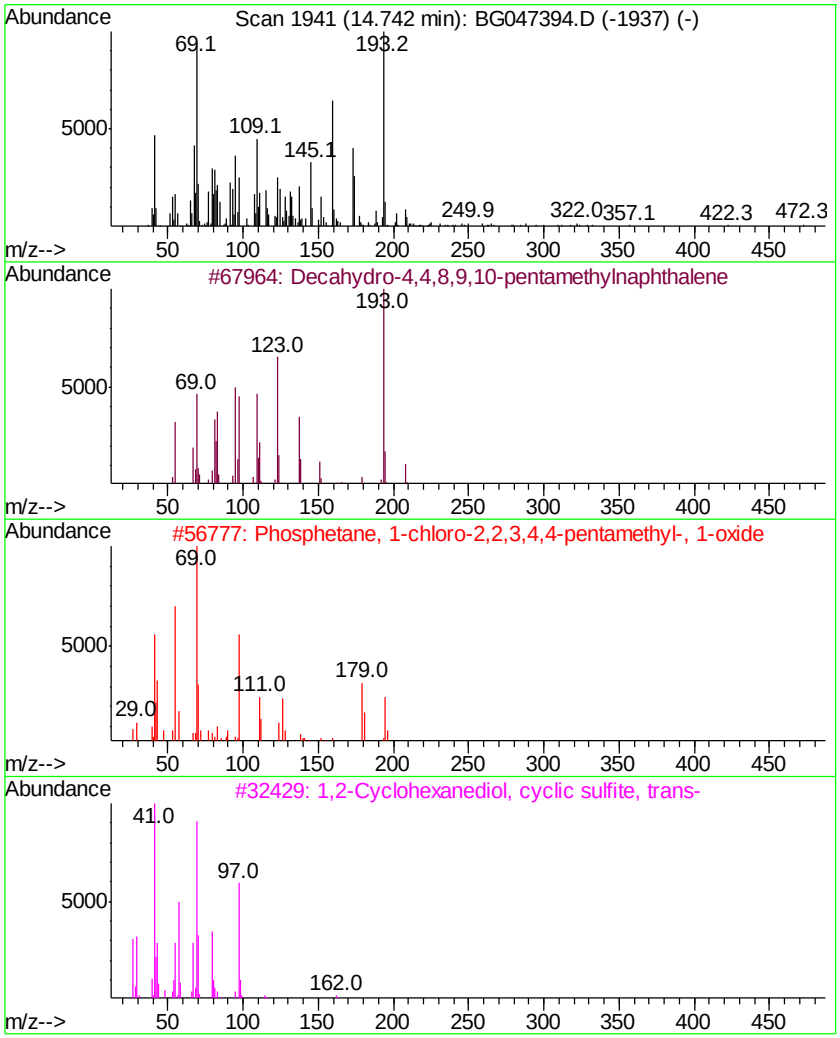
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

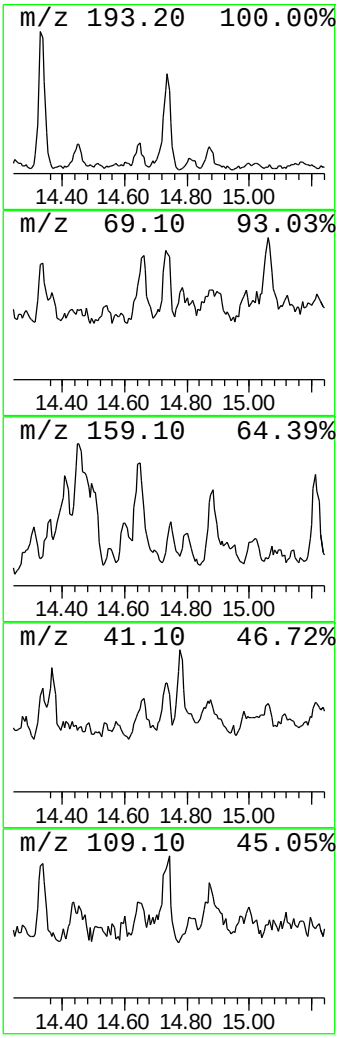
****

Peak Number 45 unknown-07 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	20.86 ng/ul	559242	Acenaphthene-d10	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	49
2	Phosphetane, 1-chloro-2,2,3,4,4-...	194	C8H16ClOP	029276-11-7	35
3	1,2-Cyclohexanediol, cyclic sulf...	162	C6H10O3S	019456-19-0	25
4	Cyclopentanecarboxylic acid, 3-c...	224	C12H13ClO2	1000325-76-6	25
5	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	14





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Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

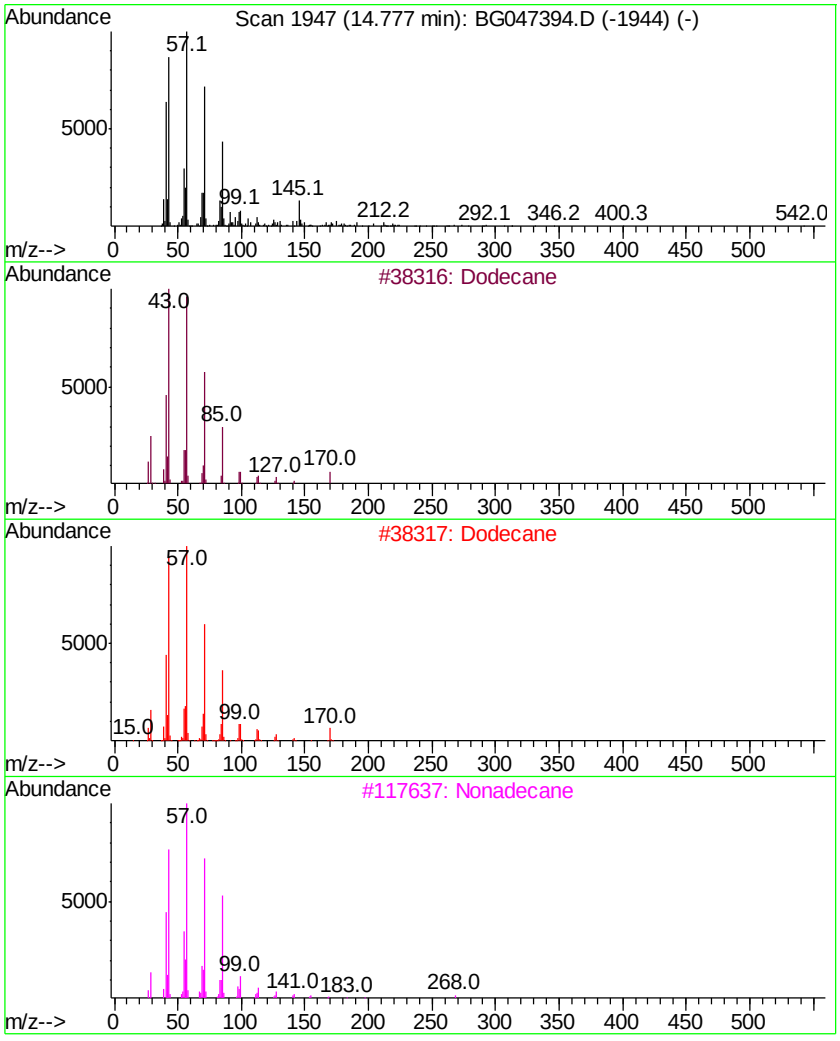
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

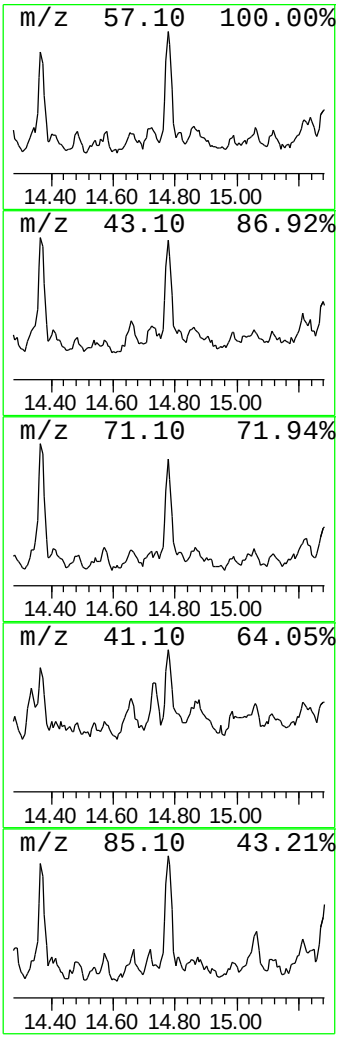
****

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	20.00 ng/ul	536059	Acenaphthene-d10	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Dodecane	170	C12H26	000112-40-3	90
3	Nonadecane	268	C19H40	000629-92-5	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Tetradecane	198	C14H30	000629-59-4	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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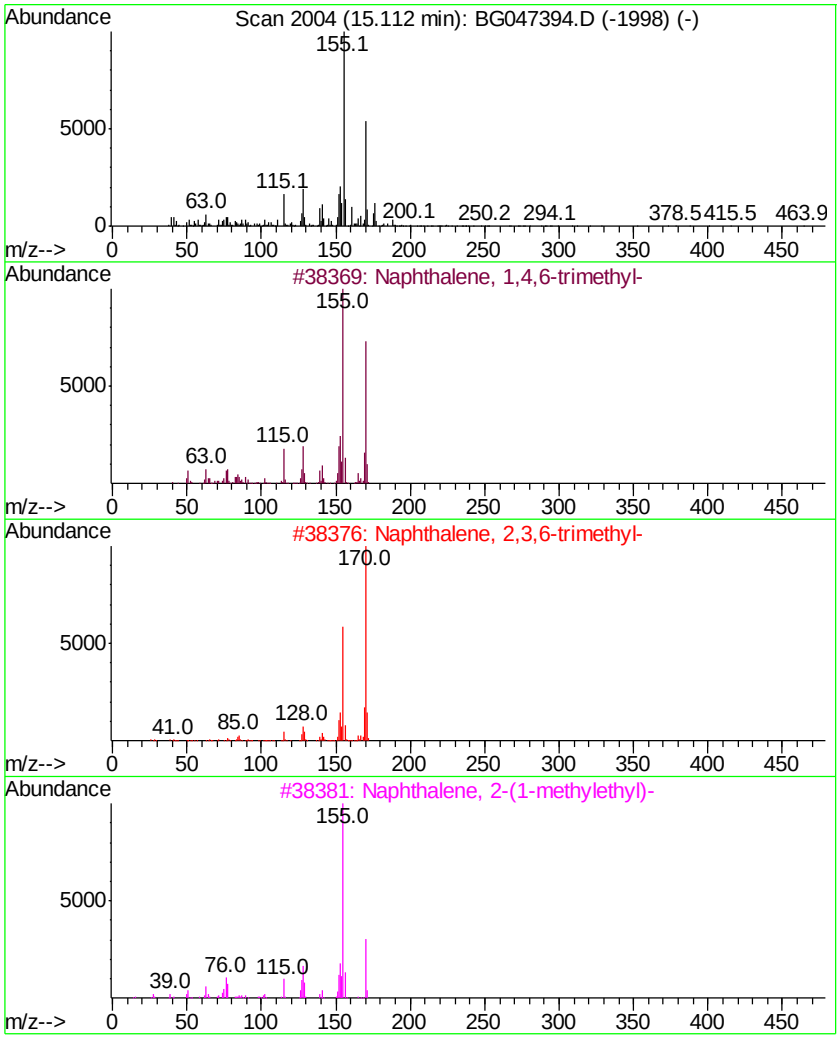
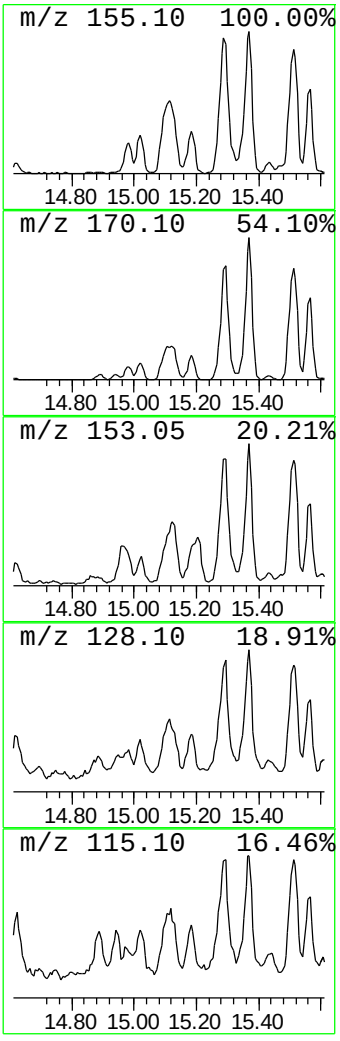
Peak Number 47 Naphthalene, 1,4,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	79.48 ng/ul	2130210	Acenaphthene-d10	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

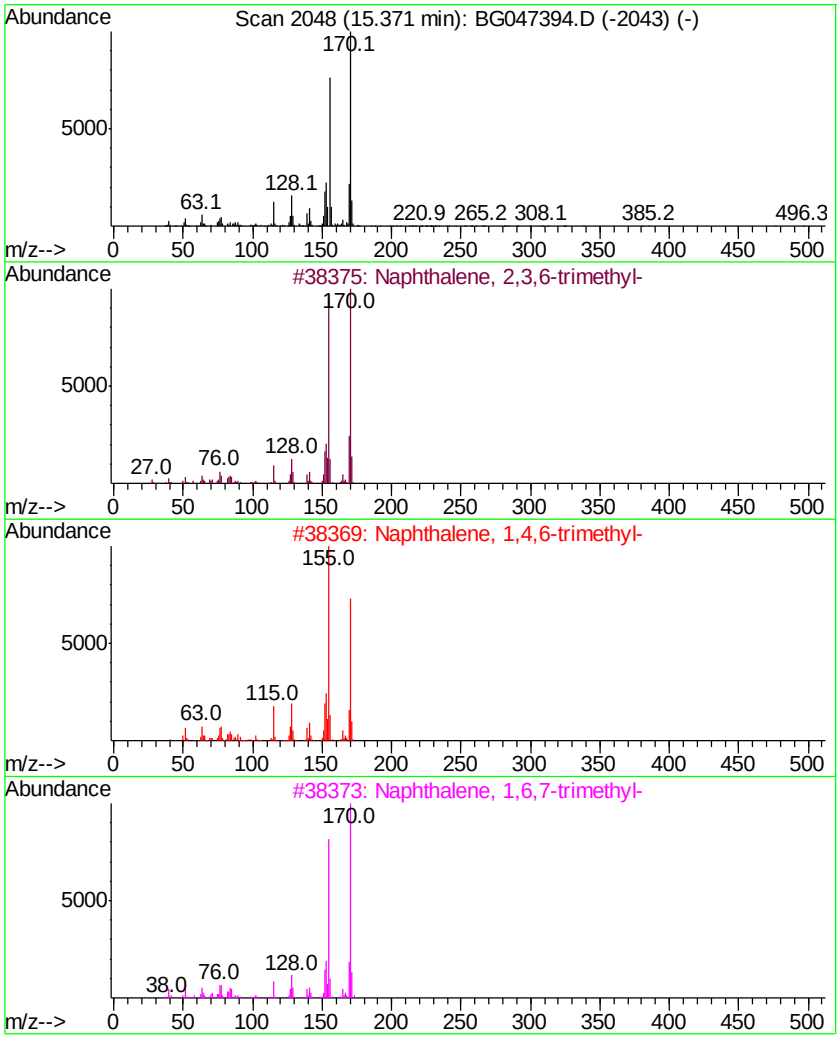
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

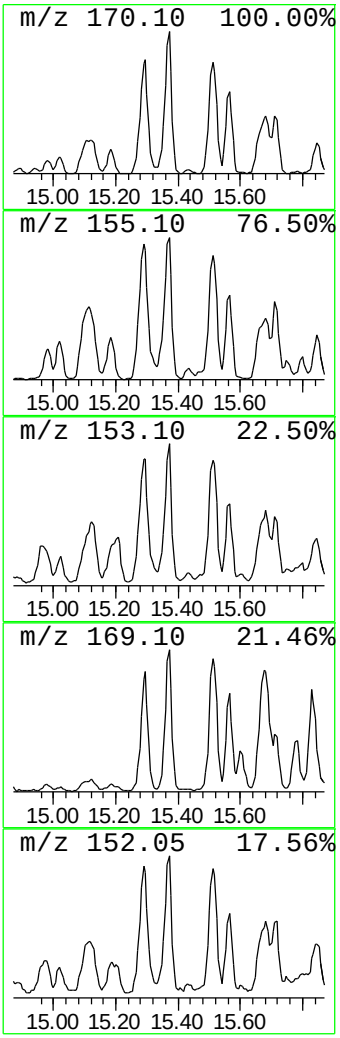
****

Peak Number 49 Naphthalene, 1,6,7-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	120.35 ng/ul	3225840	Acenaphthene-d10	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94





Library Search Compound Report

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Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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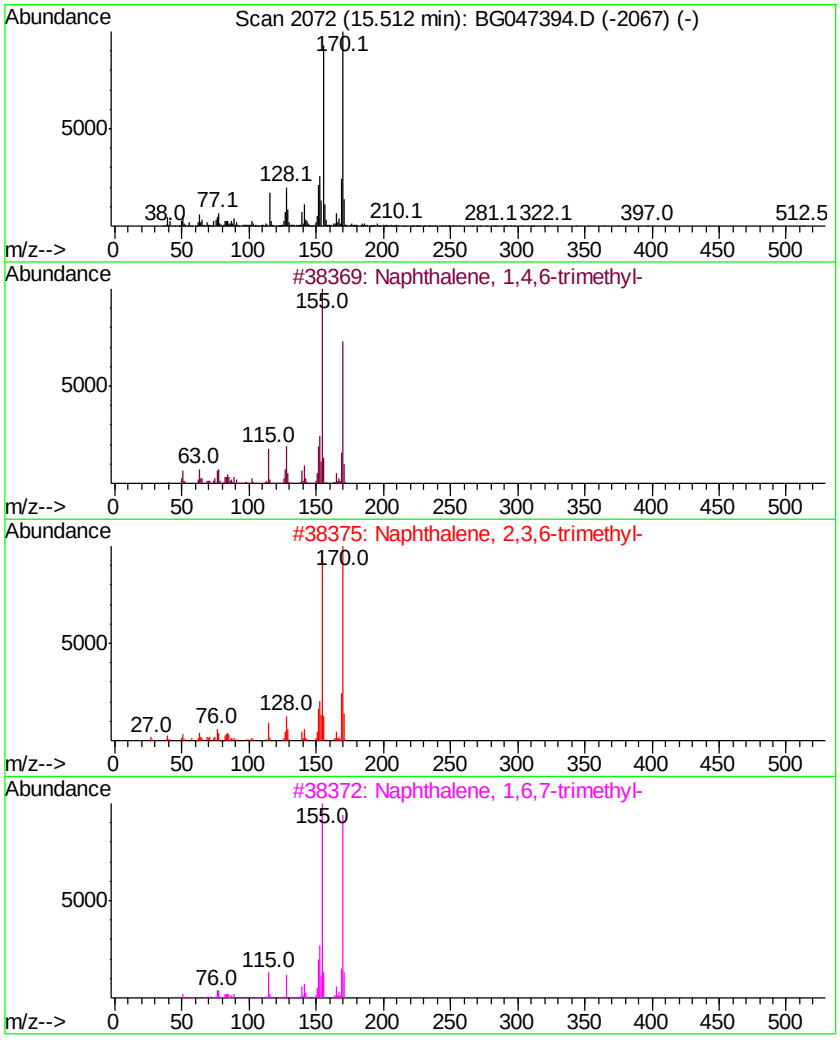
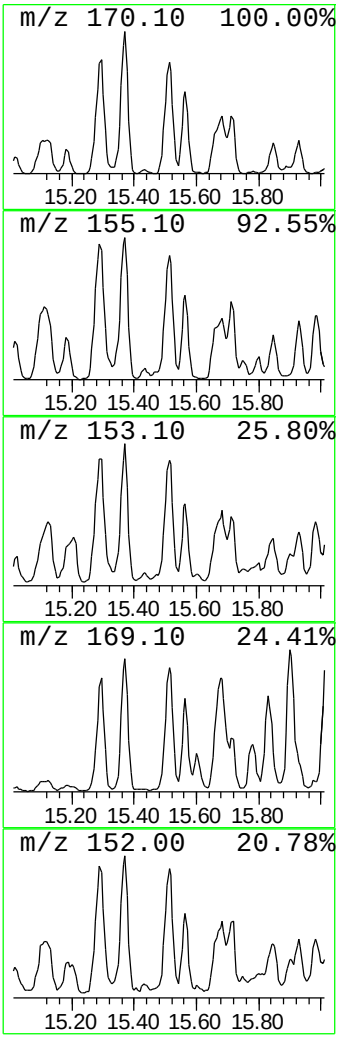
Peak Number 50 Naphthalene, 2,3,6-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	126.70 ng/ul	3395860	Acenaphthene-d10	14.90

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





Library Search Compound Report

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Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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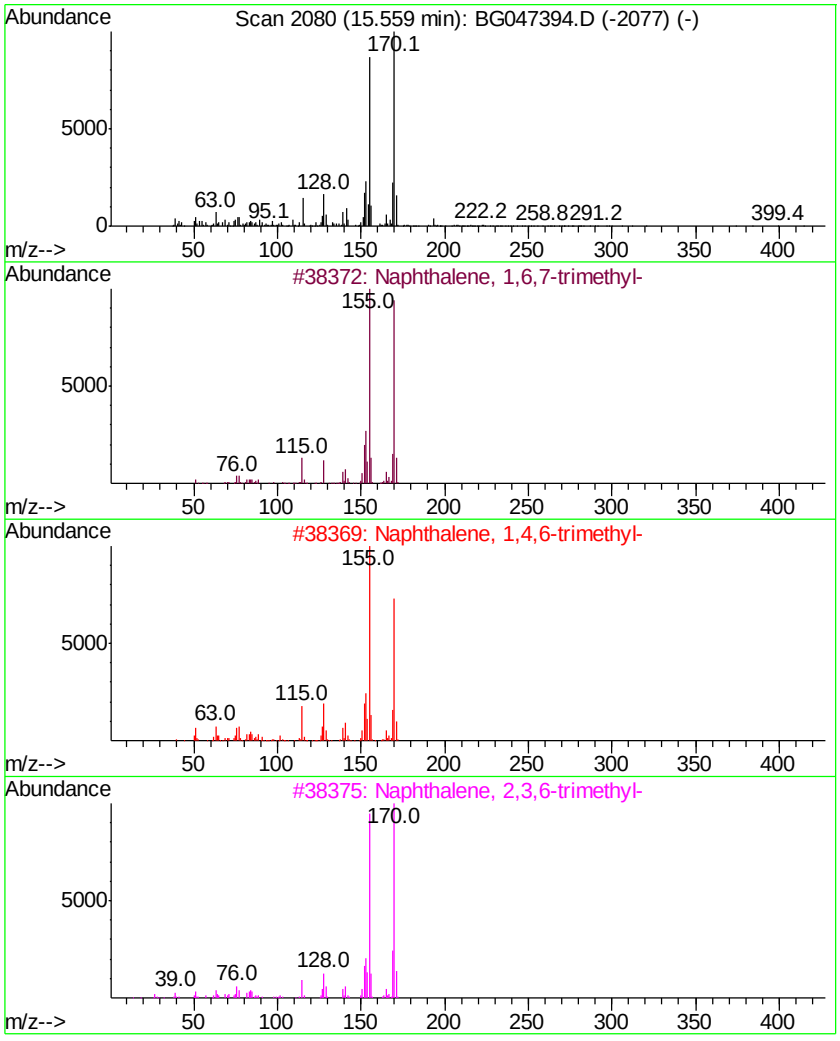
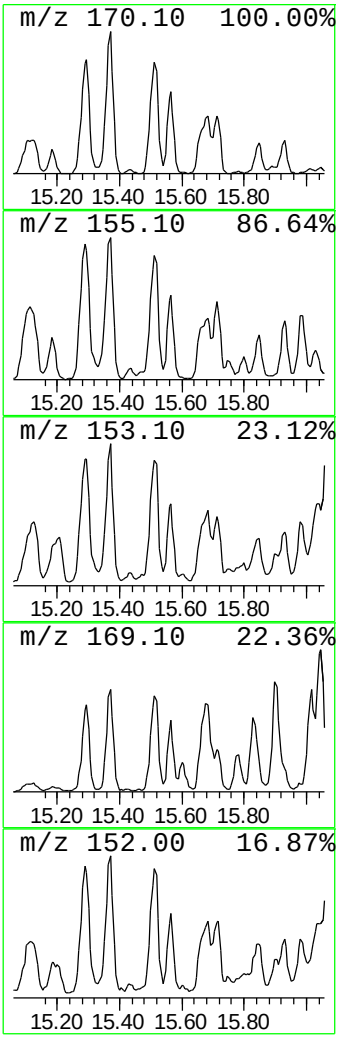
Peak Number 51 unknown-08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	66.86 ng/ul	1792080	Acenaphthene-d10	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94





Library Search Compound Report

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Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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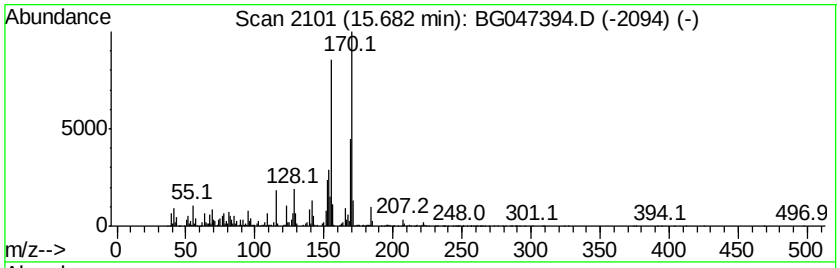
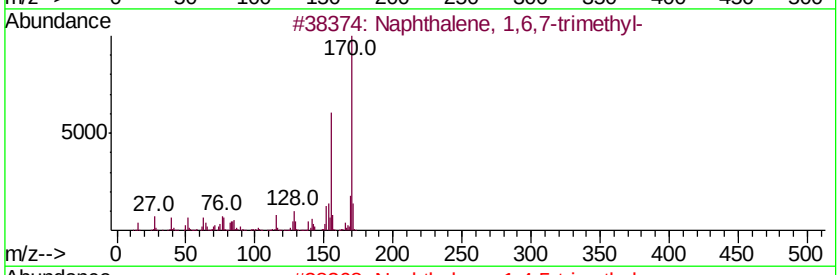
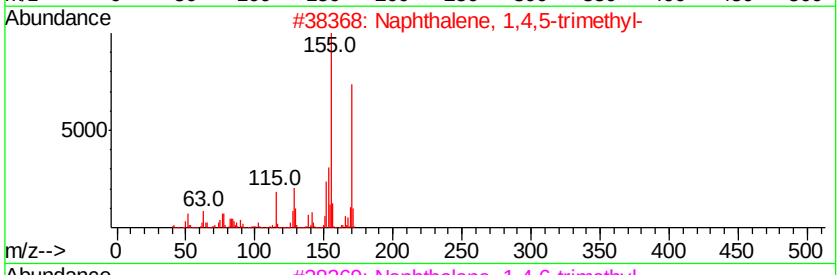
Peak Number 52 Naphthalene, 1,4,5-trimethyl- Concentration Rank 4

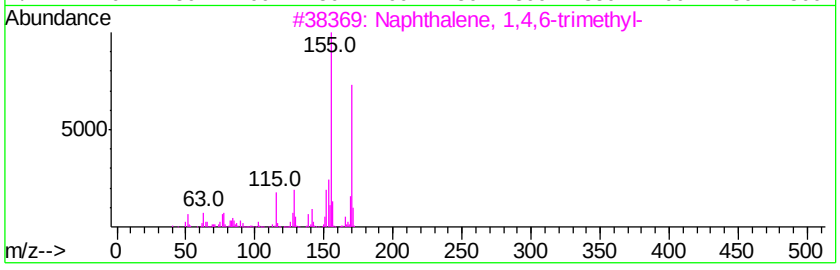
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	100.39 ng/ul	2690840	Acenaphthene-d10	14.90

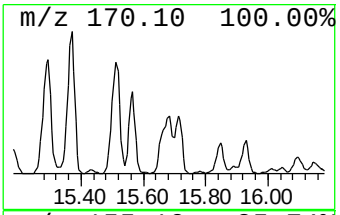
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87

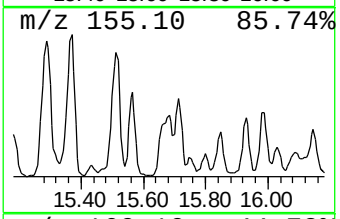


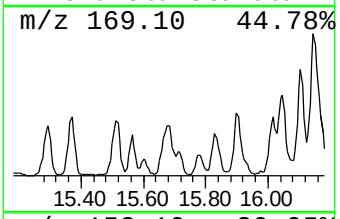


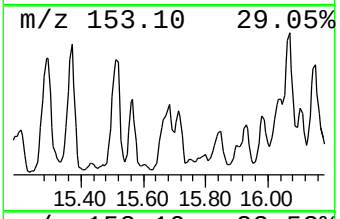


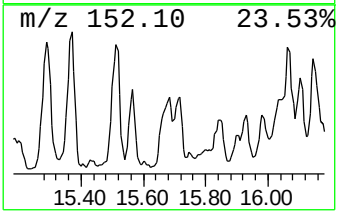












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Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

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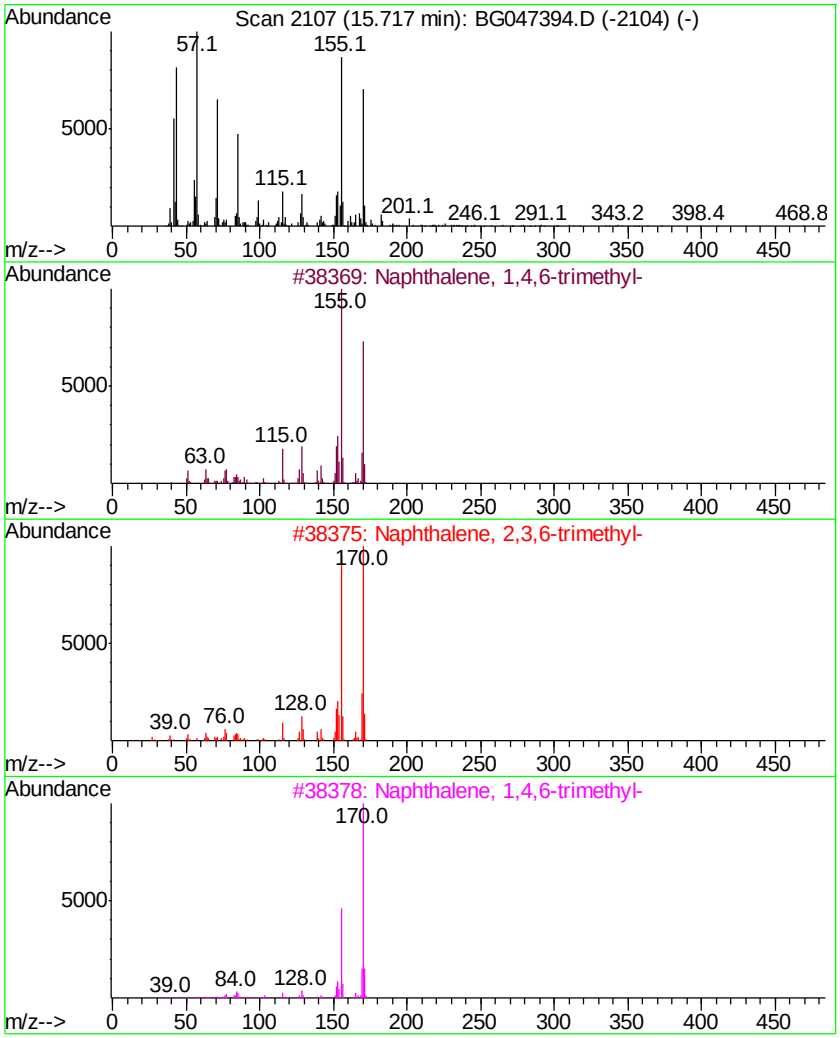
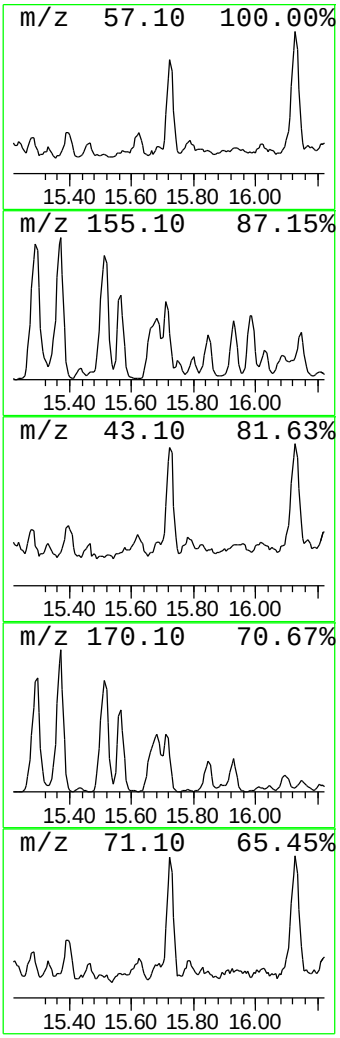
Peak Number 53 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	77.88 ng/ul	2087520	Acenaphthene-d10	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

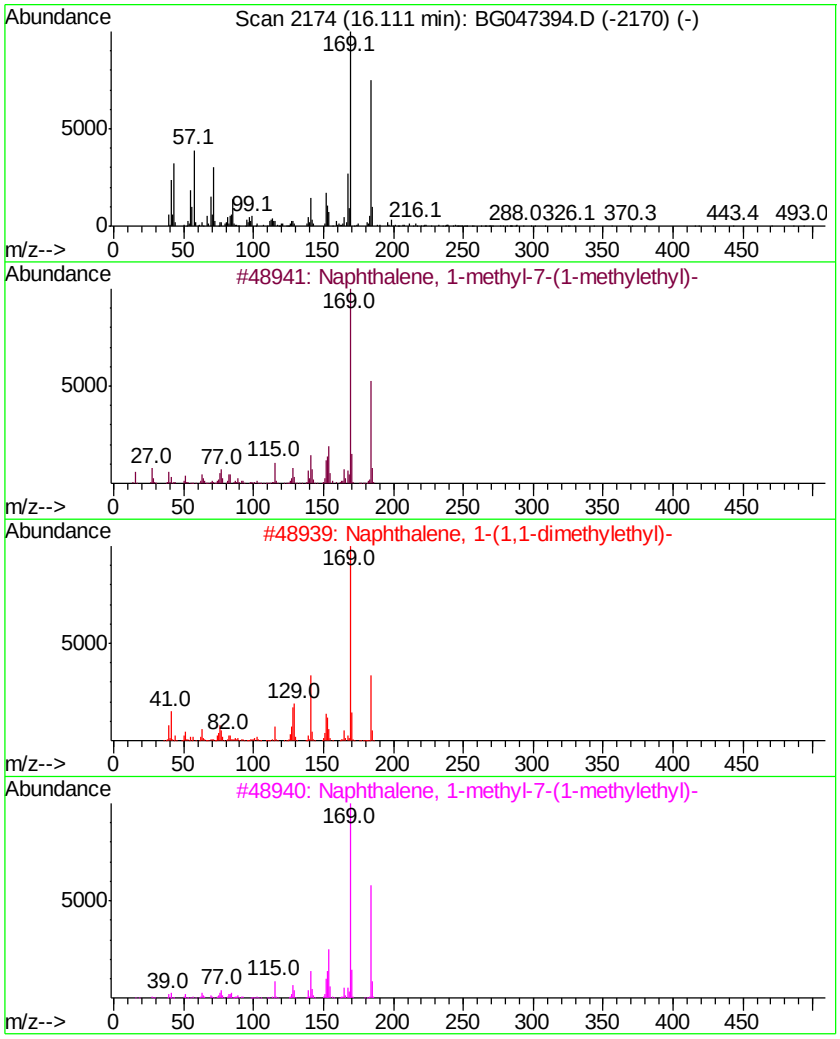
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

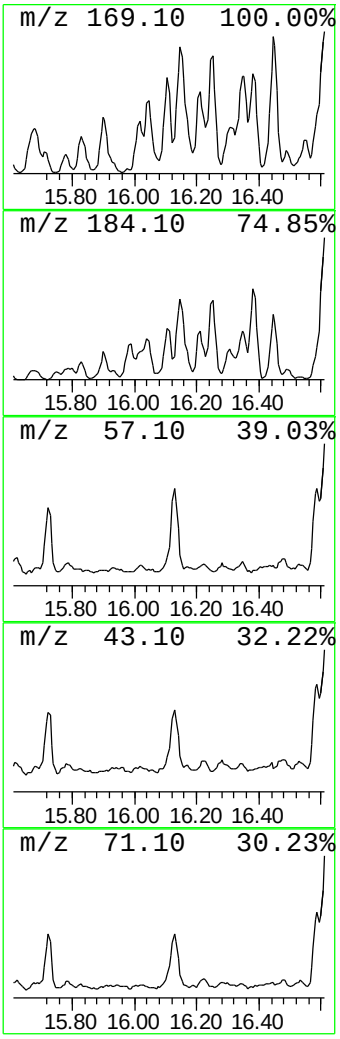
****

Peak Number 54 Naphthalene, 1-methyl-7-(1-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	34.62 ng/ul	927951	Acenaphthene-d10	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	83
2	Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	81
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	81
4	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	80
5	Ethanone, 1-(5-chloro-2-hydroxy-...	184	C9H9ClO2	028480-70-8	47





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Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

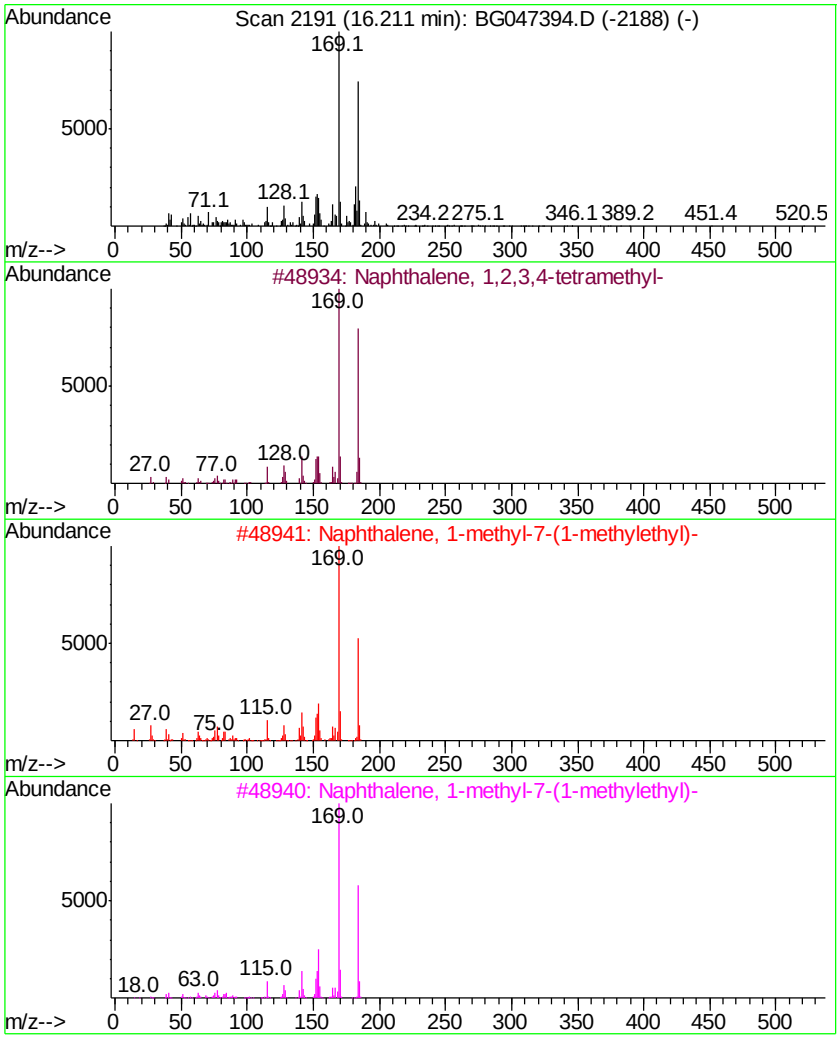
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

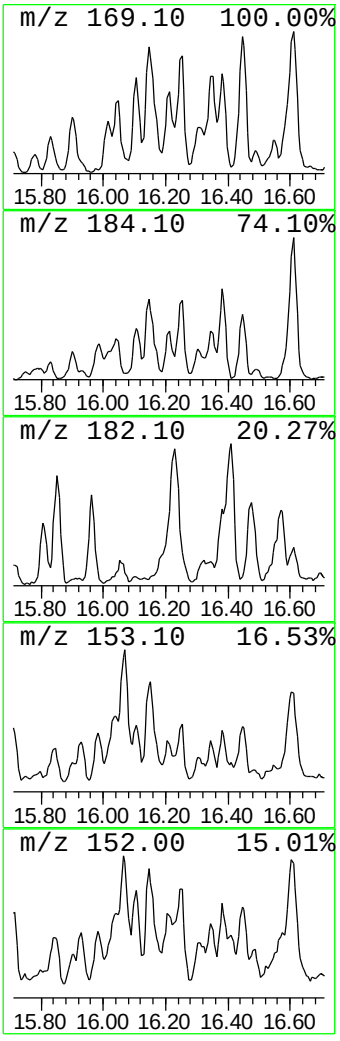
****

Peak Number 55 Naphthalene, 1,2,3,4-tetram... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	39.09 ng/ul	1047680	Acenaphthene-d10	14.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	97
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	96
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	93
4	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	91
5	Chamazulene	184	C14H16	000529-05-5	86





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Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

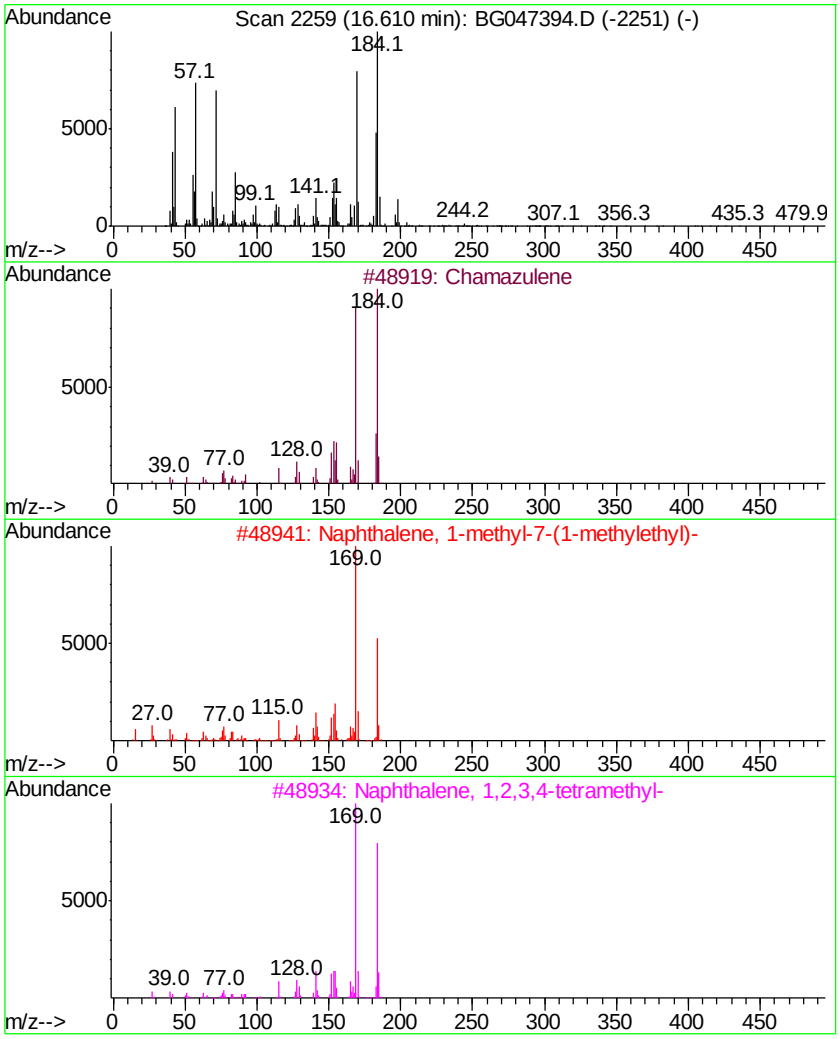
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

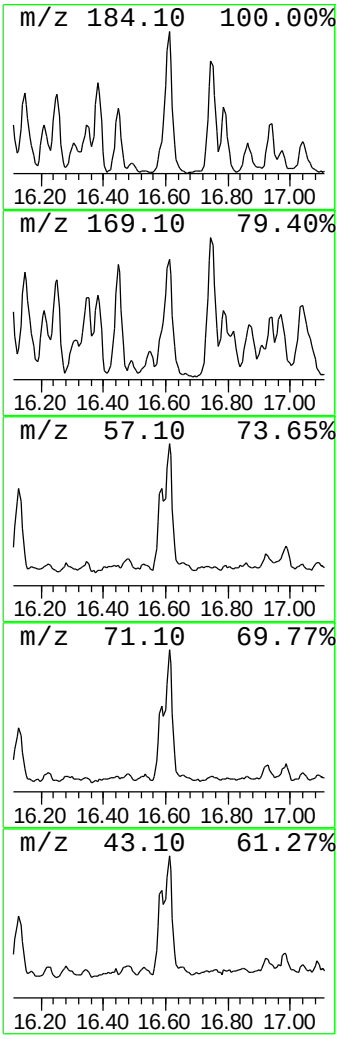
****

Peak Number 58 Chamazulene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	58.32 ng/ul	7478210	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	93
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	87
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	78
4	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	64
5	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	60





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Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

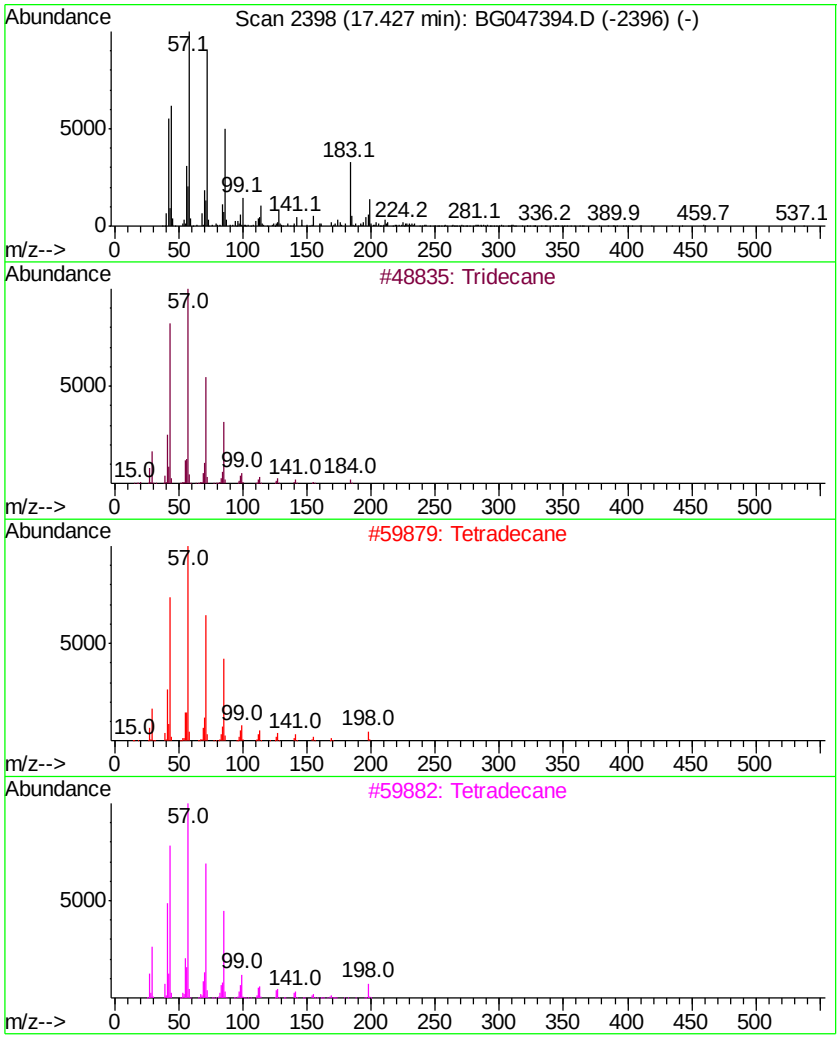
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

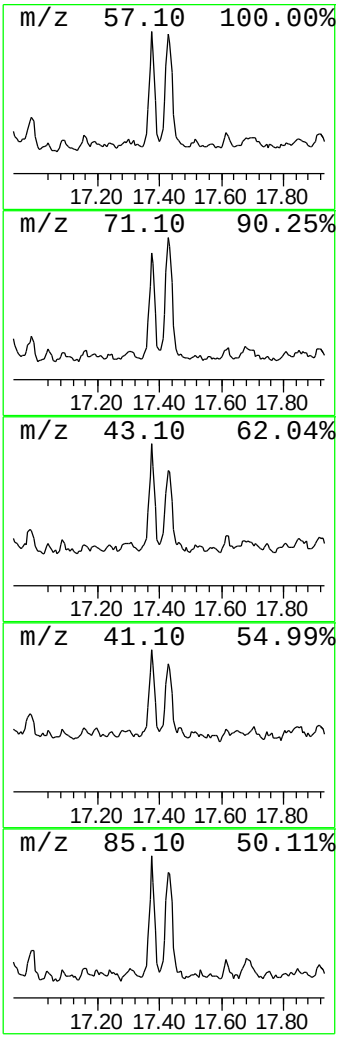
****

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	6.56 ng/ul	841386	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	89
2	Tetradecane	198	C14H30	000629-59-4	81
3	Tetradecane	198	C14H30	000629-59-4	76
4	Tridecane	184	C13H28	000629-50-5	70
5	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	62





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Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

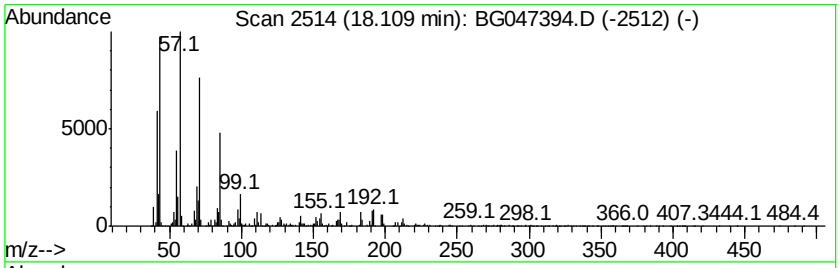
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

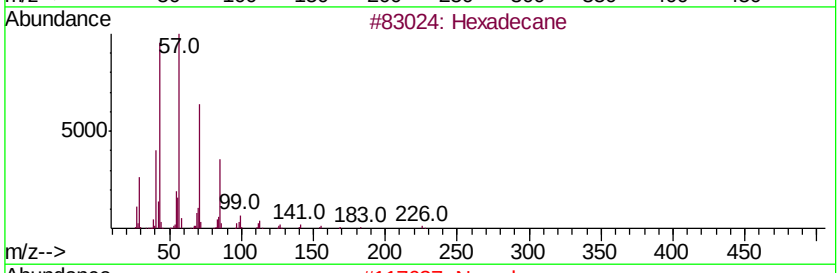
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

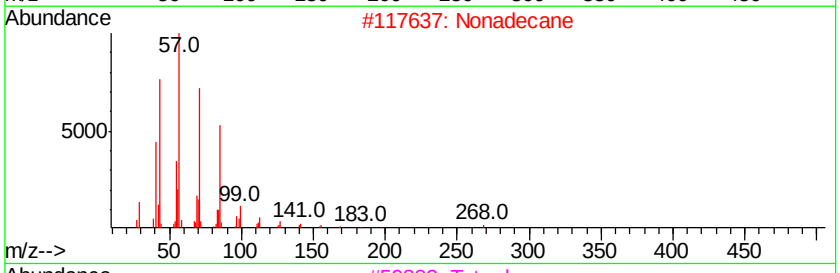
****
Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 30

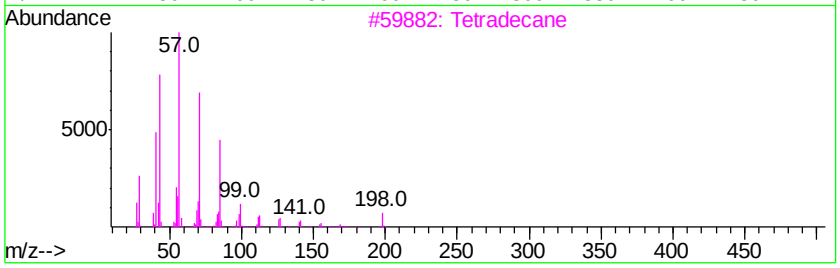
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	16.97 ng/ul	2175590	Phenanthrene-d10	17.64

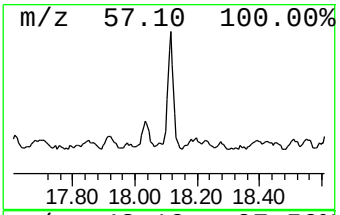
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	92
2	Nonadecane	268	C19H40	000629-92-5	89
3	Tetradecane	198	C14H30	000629-59-4	89
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
5	Hexadecane	226	C16H34	000544-76-3	86

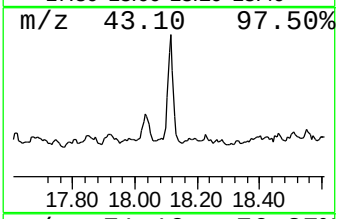


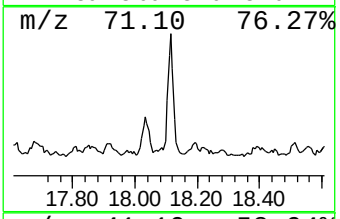


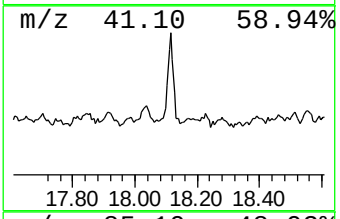


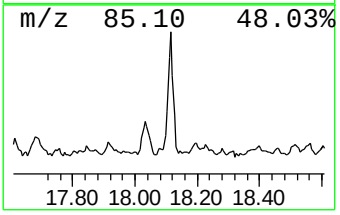












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

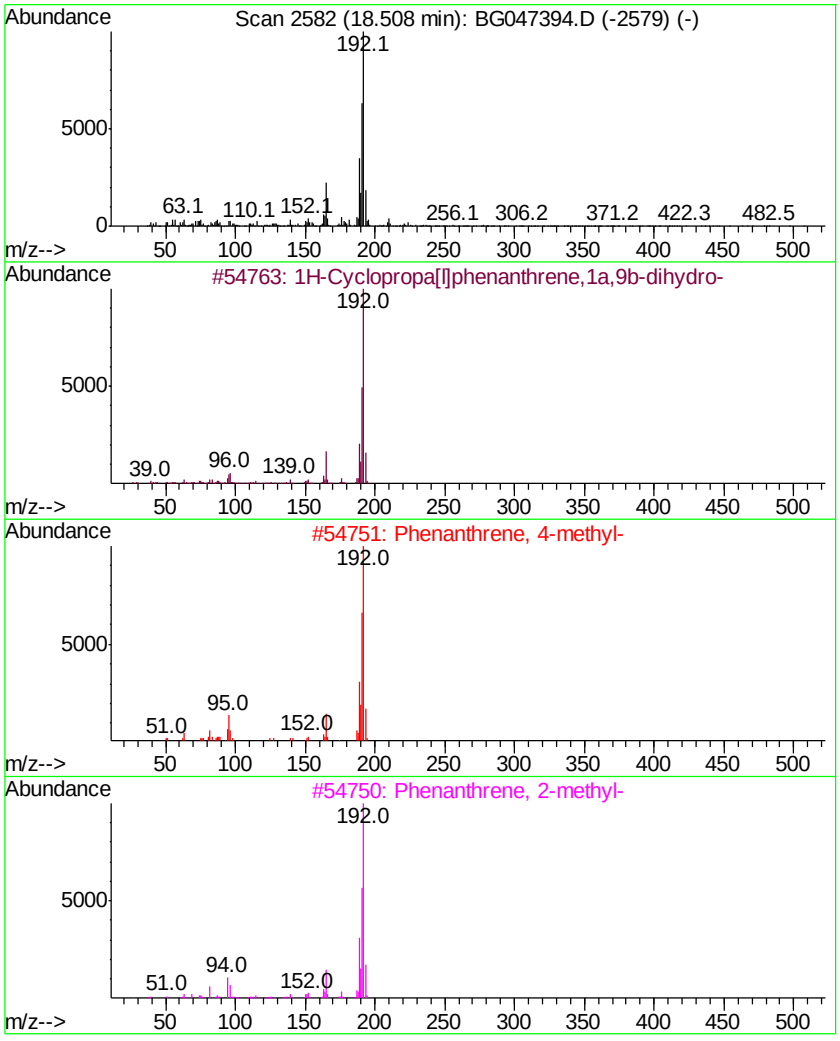
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

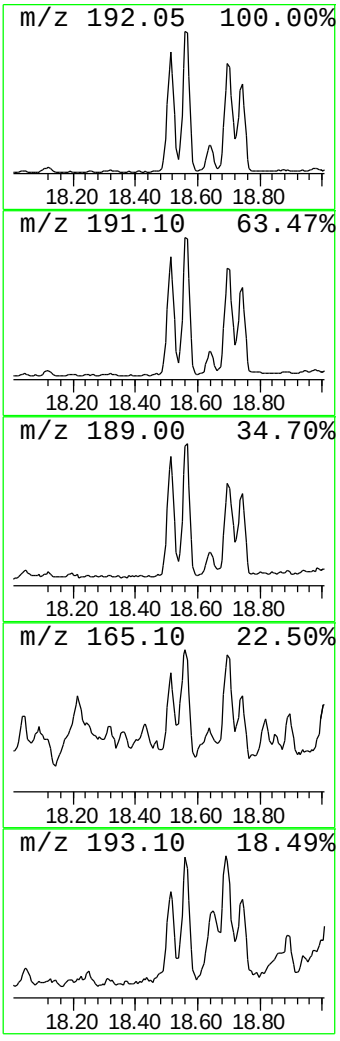
****

Peak Number 66 1H-Cyclopropa[l]phenanthren... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	20.59 ng/ul	2640080	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

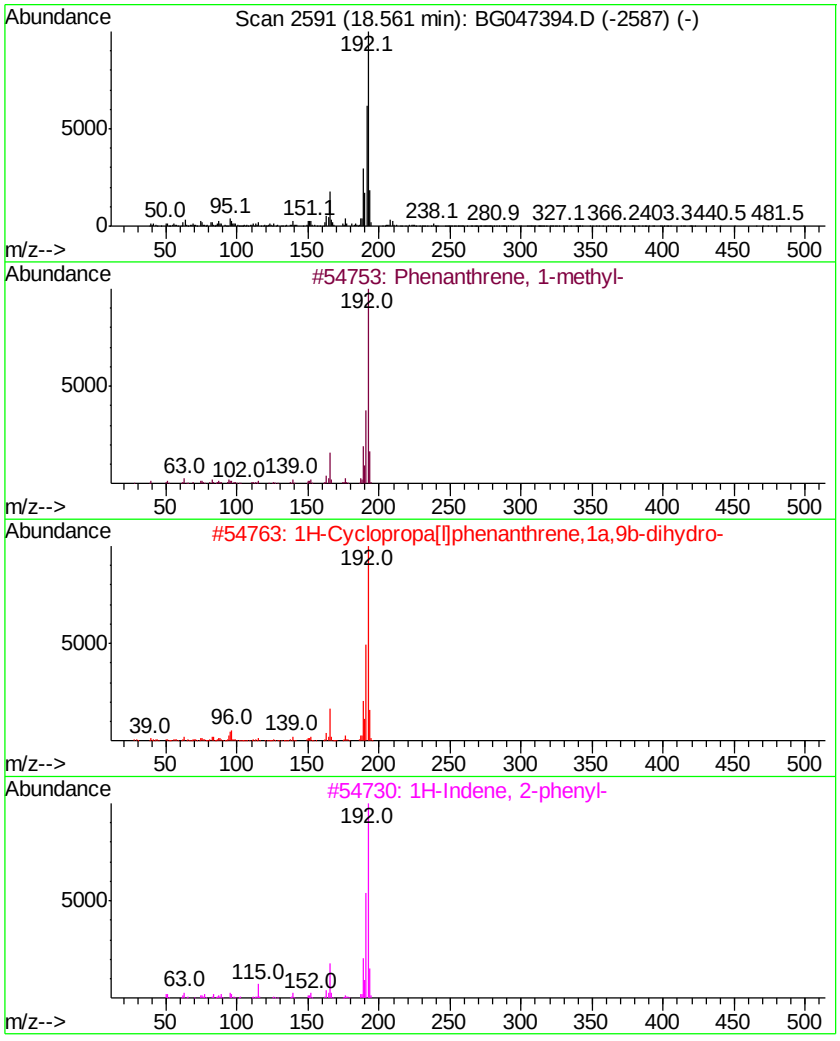
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

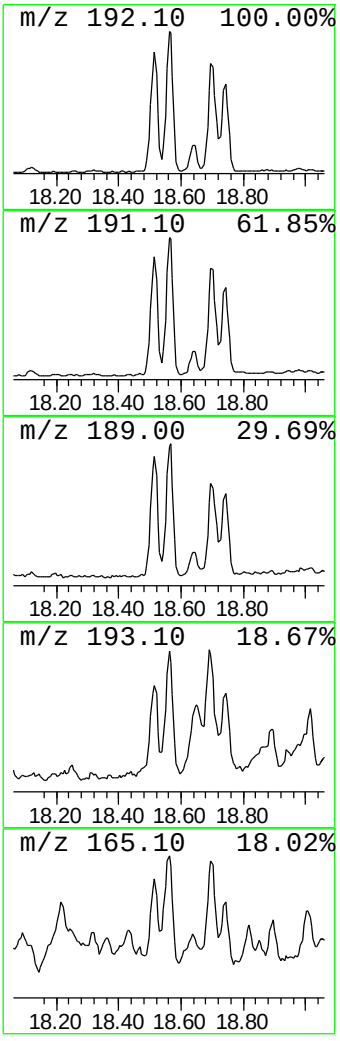
****

Peak Number 67 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	30.79 ng/ul	3948020	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Library Search Compound Report

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Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

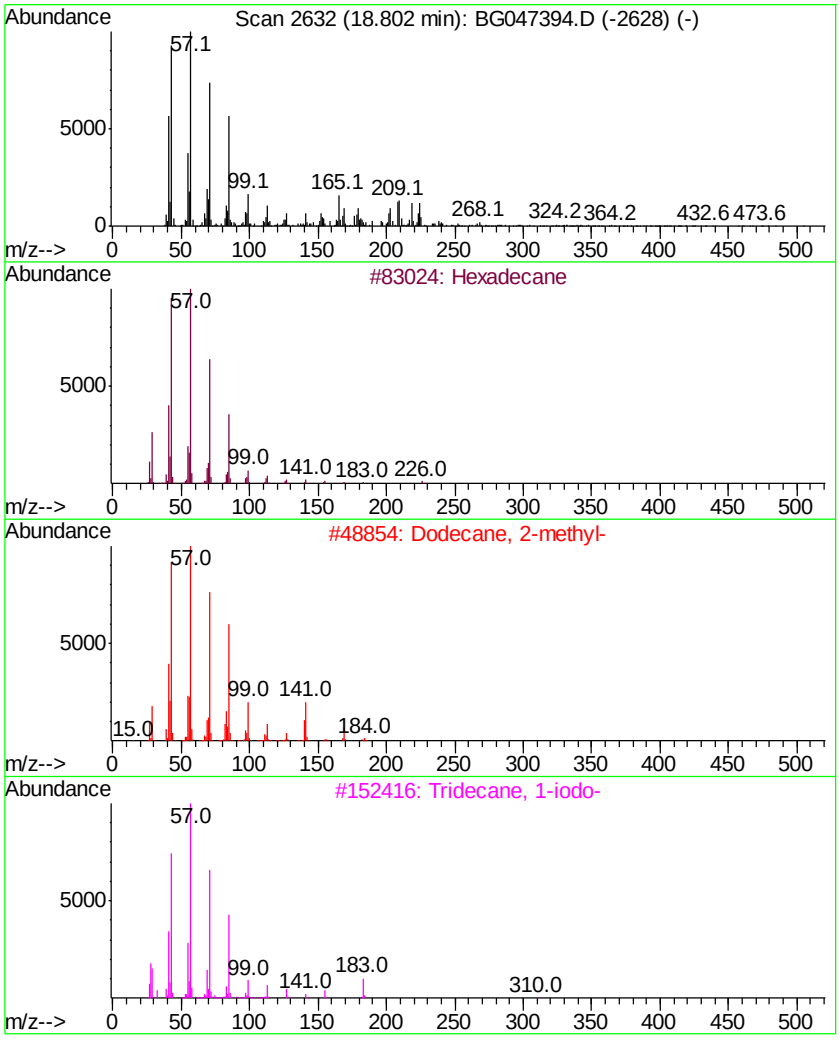
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

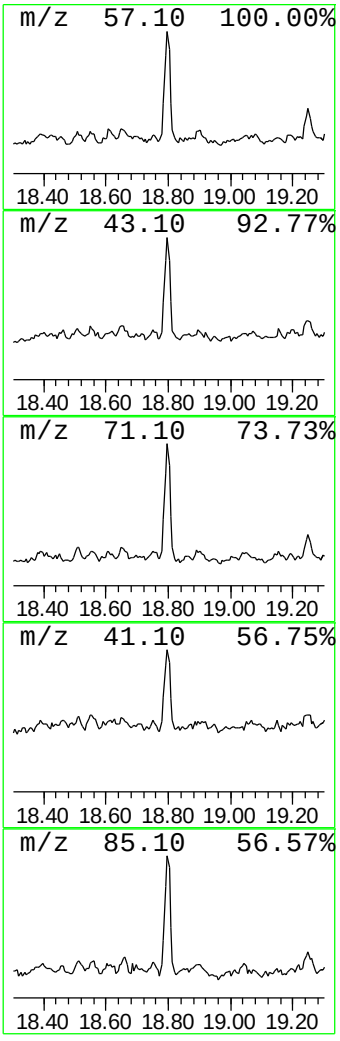
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	11.29 ng/ul	1448350	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	93
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Nonadecane	268	C19H40	000629-92-5	93





Library Search Compound Report

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Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

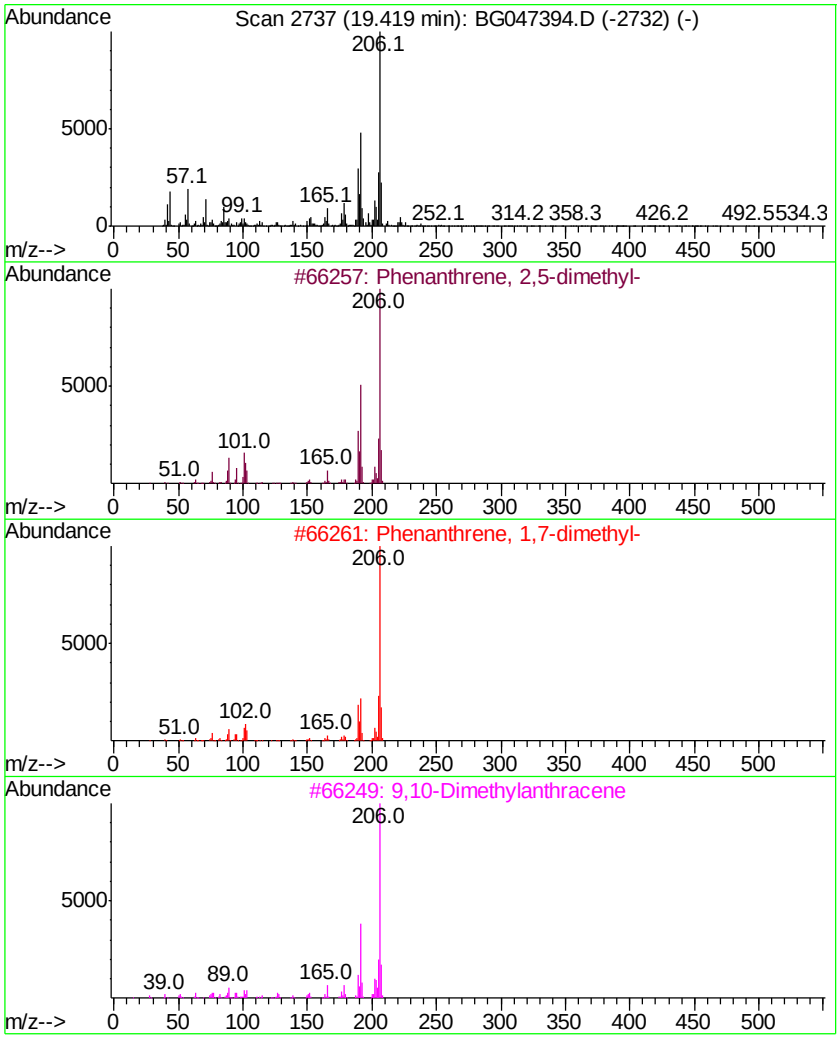
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

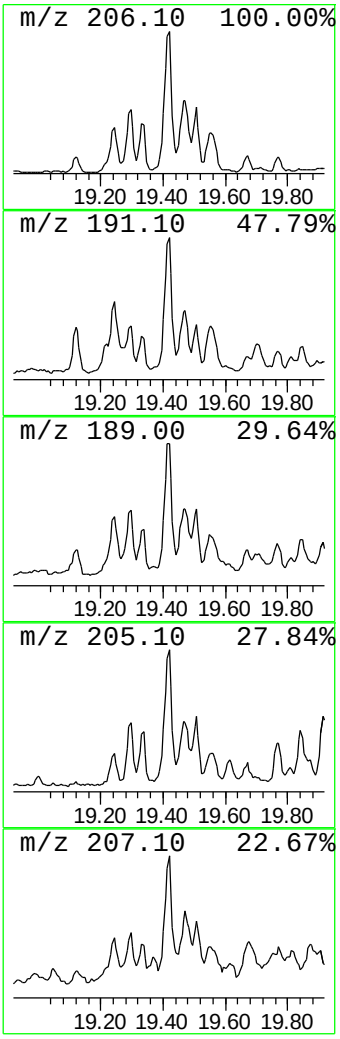
****

Peak Number 73 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	40.19 ng/ul	5154430	Phenanthrene-d10	17.64

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112120\
Data File : BG047394.D
Acq On : 21 Nov 2020 12:32
Operator : CG/JU
Sample : L4854-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.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
(DEL) Alkane: Cyc...	9.17	5.2	ng/ul	69779	1	8.28	269743	20.0
o-Cymene	9.40	30.2	ng/ul	407225	1	8.28	269743	20.0
unknown-01	10.89	2.2	ng/ul	91539	2	11.11	821926	20.0
unknown-02	11.53	6.1	ng/ul	249538	2	11.11	821926	20.0
(DEL) Alkane: Cyc...	11.60	9.3	ng/ul	383993	2	11.11	821926	20.0
unknown-03	11.68	2.3	ng/ul	96130	2	11.11	821926	20.0
unknown-04	11.78	3.1	ng/ul	127012	2	11.11	821926	20.0
unknown-05	11.94	7.6	ng/ul	311089	2	11.11	821926	20.0
(DEL) Alkane: Cyc...	12.16	9.2	ng/ul	377268	2	11.11	821926	20.0
unknown-06	12.38	6.2	ng/ul	256396	2	11.11	821926	20.0
Naphthalene, 1,2,...	12.50	21.7	ng/ul	889981	2	11.11	821926	20.0
Naphthalene, 1-me...	12.96	59.9	ng/ul	2461410	2	11.11	821926	20.0
1H-Pyrrolo[2,3-b]...	13.04	24.0	ng/ul	642691	3	14.90	536059	20.0
(DEL) Alkane: Str...	13.43	29.9	ng/ul	802481	3	14.90	536059	20.0
Benzene, 1-(2-but...	13.83	40.2	ng/ul	1078660	3	14.90	536059	20.0
Naphthalene, 1,6-...	14.07	71.4	ng/ul	1913230	3	14.90	536059	20.0
Naphthalene, 1,3-...	14.23	115.0	ng/ul	3083050	3	14.90	536059	20.0
Naphthalene, 2,3-...	14.46	98.6	ng/ul	2643200	3	14.90	536059	20.0
unknown-07	14.74	20.9	ng/ul	559242	3	14.90	536059	20.0
(DEL) Alkane: Str...	14.78	20.0	ng/ul	536059	3	14.90	536059	20.0
Naphthalene, 1,4,...	15.11	79.5	ng/ul	2130210	3	14.90	536059	20.0
Naphthalene, 1,6,...	15.37	120.3	ng/ul	3225840	3	14.90	536059	20.0
Naphthalene, 2,3,...	15.51	126.7	ng/ul	3395860	3	14.90	536059	20.0
unknown-08	15.56	66.9	ng/ul	1792080	3	14.90	536059	20.0
Naphthalene, 1,4,...	15.68	100.4	ng/ul	2690840	3	14.90	536059	20.0
3-(2-Methyl-prope...	15.72	77.9	ng/ul	2087520	3	14.90	536059	20.0
Naphthalene, 1-me...	16.11	34.6	ng/ul	927951	3	14.90	536059	20.0
Naphthalene, 1,2,...	16.21	39.1	ng/ul	1047680	3	14.90	536059	20.0
Chamazulene	16.61	58.3	ng/ul	7478210	4	17.64	2564730	20.0
(DEL) Alkane: Str...	17.43	6.6	ng/ul	841386	4	17.64	2564730	20.0
(DEL) Alkane: Str...	18.11	17.0	ng/ul	2175590	4	17.64	2564730	20.0
1H-Cyclopropa[l]p...	18.51	20.6	ng/ul	2640080	4	17.64	2564730	20.0
Phenanthrene, 1-m...	18.56	30.8	ng/ul	3948020	4	17.64	2564730	20.0
(DEL) Alkane: Str...	18.80	11.3	ng/ul	1448350	4	17.64	2564730	20.0
Phenanthrene, 2,5...	19.42	40.2	ng/ul	5154430	4	17.64	2564730	20.0