LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

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_N\METHODS\SOM-EPA-BN102220.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	7.458	839	845	851	rVB	533491	800084	13.13%	0.523%
2	9.128	1124	1129	1142	rVB3	224403	516737	8.48%	0.338%
3	9.634	1209	1215	1220	rVV3	298338	539976	8.86%	0.353%
4	10.134	1289	1300	1305	rBV9	114005	403853	6.63%	0.264%
5	10.222	1305	1315	1320	rVV2	904660	2017885	33.12%	1.320%
6	10.275	1320	1324	1331	rVV2	419051	924814	15.18%	0.605%
7	10.340	1331	1335	1341	rVV	213051	394989	6.48%	0.258%
8	11.134	1465	1470	1479	rVB2	358822	689465	11.31%	0.451%
9	11.263	1486	1492	1498	rBV6	309123	798055	13.10%	0.522%
10	11.328	1499	1503	1509	rVB	312296	519323	8.52%	0.340%
11	11.410	1509	1517	1521	rBV5	331583	619428	10.17%	0.405%
12	11.510	1526	1534	1538	rBV5	259332	538124	8.83%	0.352%
13	11.893	1587	1599	1607	rVB	1689265	3404544	55.87%	2.227%
14	12.116	1631	1637	1642	rVV	1246464	2169031	35.60%	1.419%
15	12.157	1642	1644	1649	rVB4	308668	378947	6.22%	0.248%
16	12.299	1662	1668	1673	rBV9	157752	399023	6.55%	0.261%
17	12.522	1701	1706	1713	rVB6	252416	555242	9.11%	0.363%
18	12.646	1713	1727	1731	rBV5	532582	1420472	23.31%	0.929%
19	12.763	1743	1747	1754	rBV5	216740	469619	7.71%	0.307%
20	13.034	1789	1793	1799	rVB2	601784	936278	15.37%	0.613%
21	13.128	1806	1809	1813	rBV	661079	972051	15.95%	0.636%
22	13.269	1827	1833	1834	rBV	1769183	2623155	43.05%	1.716%
23	13.428	1854	1860	1865	rVV	3535631	6093548	100.00%	3.987%
24	13.481	1865	1869	1874	rVV	2368884	3421675	56.15%	2.239%
25	13.528	1874	1877	1882	rVB3	501419	725962	11.91%	0.475%
26	13.610	1887	1891	1895	rVV2	366518	573376	9.41%	0.375%
27	13.663	1896	1900	1904	rVV	1561693	2423374	39.77%	1.585%
28	13.698	1904	1906	1910	rVB	615396	653146	10.72%	0.427%
29	13.834	1925	1929	1933	rVV	844475	1175796	19.30%	0.769%
30	14.110	1967	1976	1981	rBV2	1698591	3078952	50.53%	2.014%
31	14.169	1982	1986	1989	rVV2	505950	759597	12.47%	0.497%
32	14.204	1989	1992	1996	rVV2	509174	691058	11.34%	0.452%
33	14.245	1996	1999	2006	rVB	520242	725790	11.91%	0.475%
34	14.328	2007	2013	2022	rBV2	1556459	3958325	64.96%	2.590%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

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_N\METHODS\SOM-EPA-BN102220.M
Title : SVOA CALIBRATION

35	14.410	2023	2027	2035	rVB4	719174	1001156	16.43%	0.655%
36	14.516	2038	2045	2052	rVV	2501109	4789098	78.59%	3.133%
37	14.598	2052	2059	2064	rVB	2598376	3968544	65.13%	2.596%
38	14.657	2065	2069	2074	rVB3	512859	746178	12.25%	0.488%
39	14.740	2078	2083	2088	rBV	2166787	3722725	61.09%	2.436%
40	14.792	2088	2092	2096	rVB	1995701	2604240	42.74%	1.704%
41	14.840	2096	2100	2104	rBV6	203392	386211	6.34%	0.253%
42	14.910	2104	2112	2115	rBV	1453000	3247944	53.30%	2.125%
43	14.940	2115	2117	2123	rVB	1036499	1251326	20.54%	0.819%
44	15.075	2135	2140	2143	rBV2	692363	1121369	18.40%	0.734%
45	15.157	2149	2154	2159	rVB3	1066398	1810091	29.71%	1.184%
46	15.222	2159	2165	2168	rBV2	935427	1814942	29.78%	1.187%
47	15.287	2173	2176	2180	rVV2	1267324	1875218	30.77%	1.227%
48	15.340	2180	2185	2189	rVV4	650306	1413778	23.20%	0.925%
49	15.387	2189	2193	2200	rVV4	1495936	2916290	47.86%	1.908%
50	15.451	2200	2204	2208	rVV3	614686	1245325	20.44%	0.815%
51	15.487	2208	2210	2215	rVB	1090345	1234465	20.26%	0.808%
52	15.545	2216	2220	2223	rBV4	497479	852810	14.00%	0.558%
53	15.587	2224	2227	2230	rVV	351165	515956	8.47%	0.338%
54	15.622	2231	2233	2239	rVB3	726267	1115835	18.31%	0.730%
55	15.687	2239	2244	2248	rBV2	932024	1604718	26.33%	1.050%
56	15.775	2256	2259	2260	rBV3	370125	376717	6.18%	0.246%
57	15.851	2268	2272	2274	rBV	1738088	2328161	38.21%	1.523%
58	15.981	2290	2294	2298	rBV	1203119	1587604	26.05%	1.039%
59	16.022	2298	2301	2304	rBV	395408	484428	7.95%	0.317%
60	16.098	2311	2314	2316	rBV3	422089	502783	8.25%	0.329%
61	16.169	2321	2326	2330	rVV7	709854	1473912	24.19%	0.964%
62	16.228	2331	2336	2340	rVV3	1419686	2296130	37.68%	1.502%
63	16.275	2341	2344	2347	rVB	513777	618380	10.15%	0.405%
64	16.375	2358	2361	2363	rBV3	526009	714597	11.73%	0.468%
65	16.522	2383	2386	2392	rBV5	585275	892841	14.65%	0.584%
66	16.598	2397	2399	2404	rVV5	555217	964803	15.83%	0.631%
67	16.645	2404	2407	2410	rVV3	659929	926864	15.21%	0.606%
68	16.698	2410	2416	2423	rVB4	1483460	3434742	56.37%	2.247%
69	16.863	2440	2444	2447	rBV	1508522	1975102	32.41%	1.292%
70	16.904	2447	2451	2455	rVB	2730222	3337624	54.77%	2.184%
71	17.275	2510	2514	2515	rBV2	526760	642007	10.54%	0.420%

LSC Area Percent Report

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Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

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_N\METHODS\SOM-EPA-BN102220.M
Title : SVOA CALIBRATION

72	17.439	2539	2542	2546	rVB	916964	1128992	18.53%	0.739%
73	17.586	2563	2567	2572	rBV3	532139	962244	15.79%	0.630%
74	17.739	2589	2593	2597	rBV	1851740	2641130	43.34%	1.728%
75	17.786	2597	2601	2609	rVB	2652355	3910821	64.18%	2.559%
76	17.863	2611	2614	2618	rVV	548877	799896	13.13%	0.523%
77	17.922	2620	2624	2629	rVV	1962938	3314804	54.40%	2.169%
78	17.969	2629	2632	2639	rVB	1475794	2025395	33.24%	1.325%
79	18.075	2648	2650	2656	rVB4	543191	720193	11.82%	0.471%
80	18.139	2657	2661	2665	rVB2	737412	1049010	17.22%	0.686%
81	18.245	2675	2679	2682	rBV3	549115	935783	15.36%	0.612%
82	18.369	2697	2700	2705	rBV3	364743	469994	7.71%	0.307%
83	18.463	2713	2716	2718	rBV2	557587	739951	12.14%	0.484%
84	18.492	2719	2721	2726	rVV2	1005058	1396074	22.91%	0.913%
85	18.545	2727	2730	2734	rVV	1130182	1614463	26.49%	1.056%
86	18.581	2734	2736	2741	rVB	651095	801037	13.15%	0.524%
87	18.669	2746	2751	2755	rBV	2176420	3364542	55.21%	2.201%
88	18.722	2756	2760	2764	rVV3	1118171	1867359	30.64%	1.222%
89	18.763	2764	2767	2770	rVB	624497	716453	11.76%	0.469%
90	18.810	2771	2775	2781	rBV2	570835	1167861	19.17%	0.764%
91	18.933	2793	2796	2799	rBV2	693330	890280	14.61%	0.582%
92	19.216	2842	2844	2849	rVB	587292	750040	12.31%	0.491%
93	19.269	2850	2853	2854	rVV2	486682	537079	8.81%	0.351%
94	19.298	2855	2858	2868	rVV2	1721631	3446190	56.55%	2.255%
95	19.386	2869	2873	2878	rVB	1123985	1684000	27.64%	1.102%
96	19.957	2968	2970	2975	rVB	820111	1010125	16.58%	0.661%
97	20.098	2991	2994	2998	rBV	894687	1007761	16.54%	0.659%
98	20.145	2999	3002	3006	rVB	725069	864976	14.19%	0.566%
99	21.075	3157	3160	3164	rVB	1941509	2285864	37.51%	1.496%
100	23.198	3518	3521	3526	rVB	1651056	2580244	42.34%	1.688%

Sum of corrected areas: 152849169

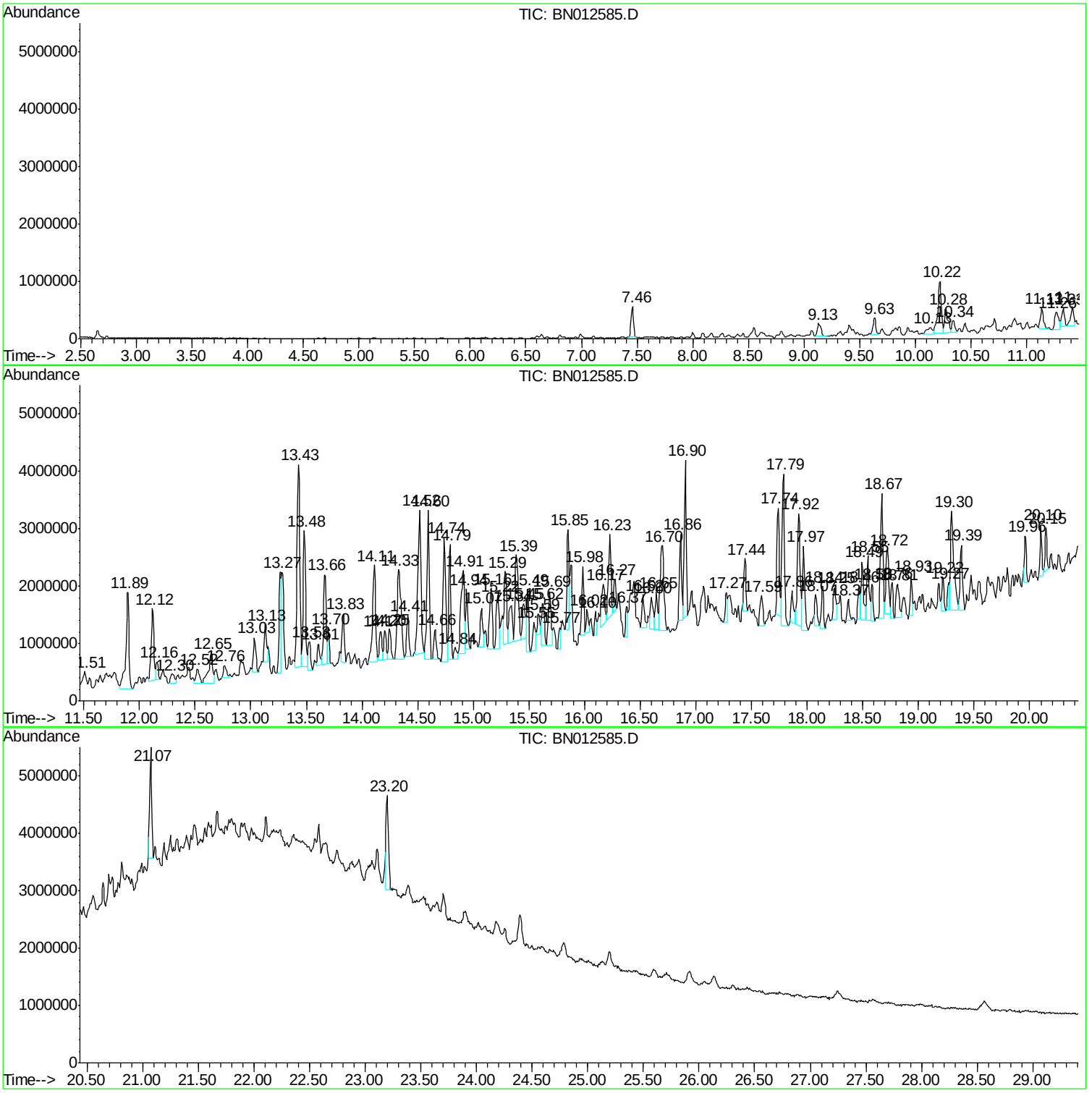
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.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 N\DATA\BN111720\
Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

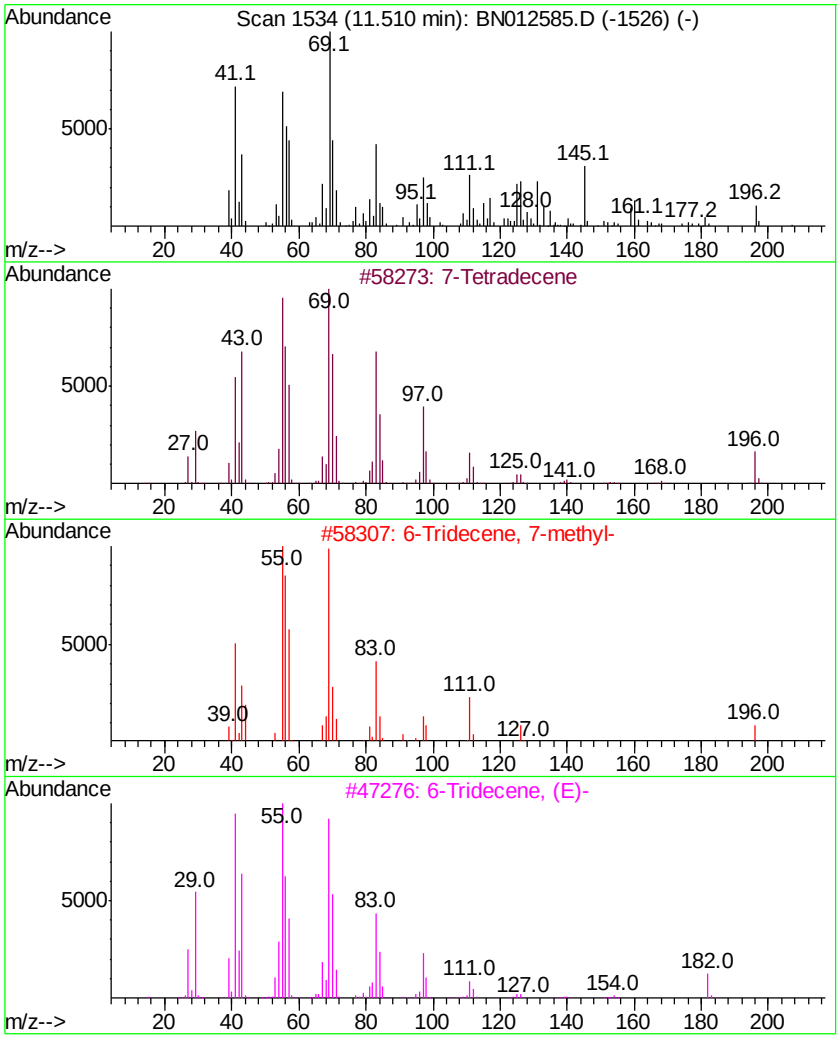
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

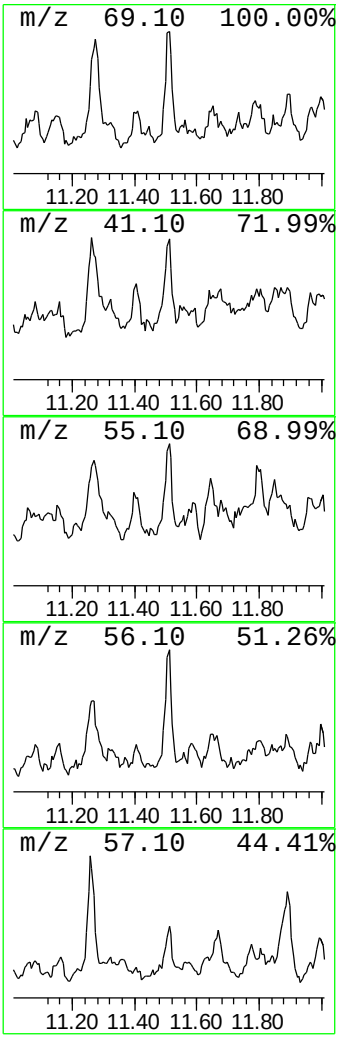
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	5.33 ng/ul	538124	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Tetradecene	196	C14H28	010374-74-0	84
2	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	83
3	6-Tridecene, (E)-	182	C13H26	006434-76-0	83
4	3-Tetradecene, (E)-	196	C14H28	041446-68-8	64
5	6-Tetradecene, (E)-	196	C14H28	041446-64-4	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

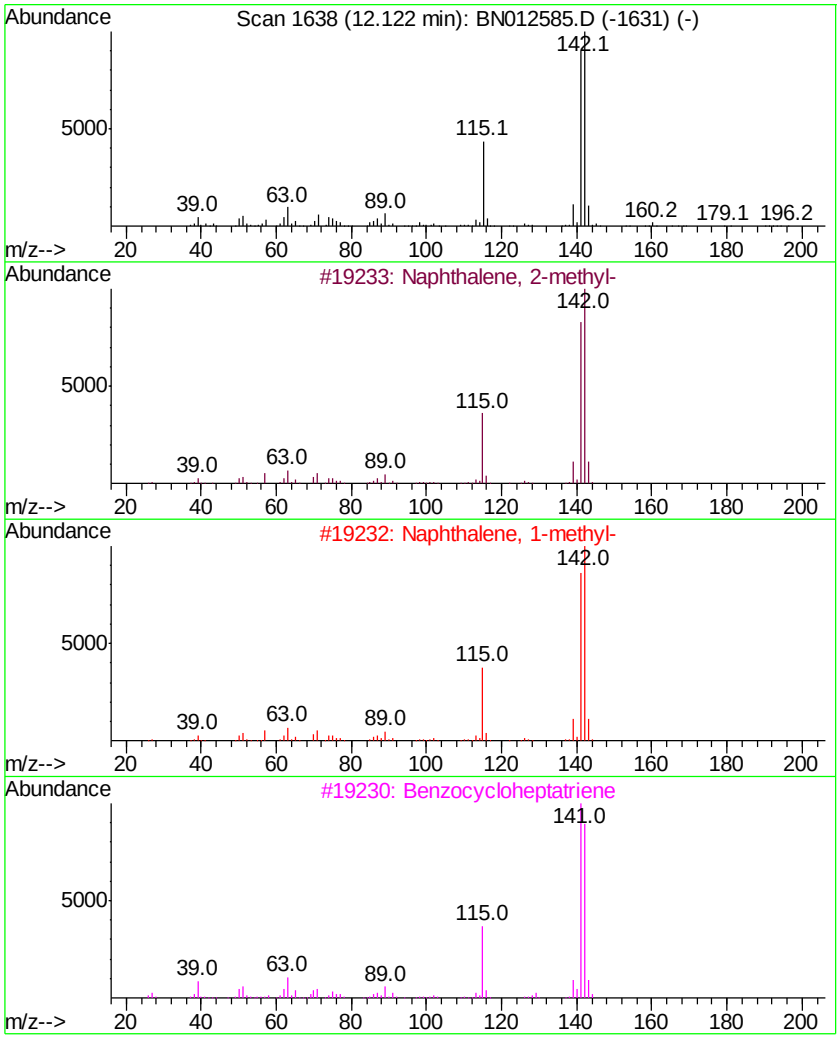
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

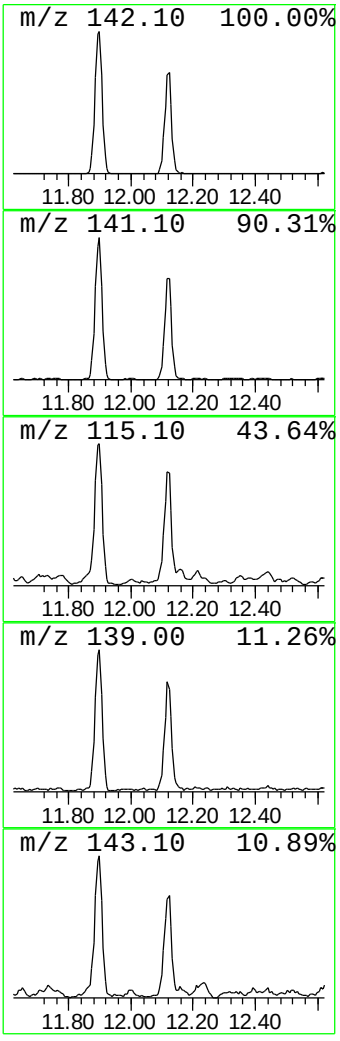
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	21.50 ng/ul	2169030	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

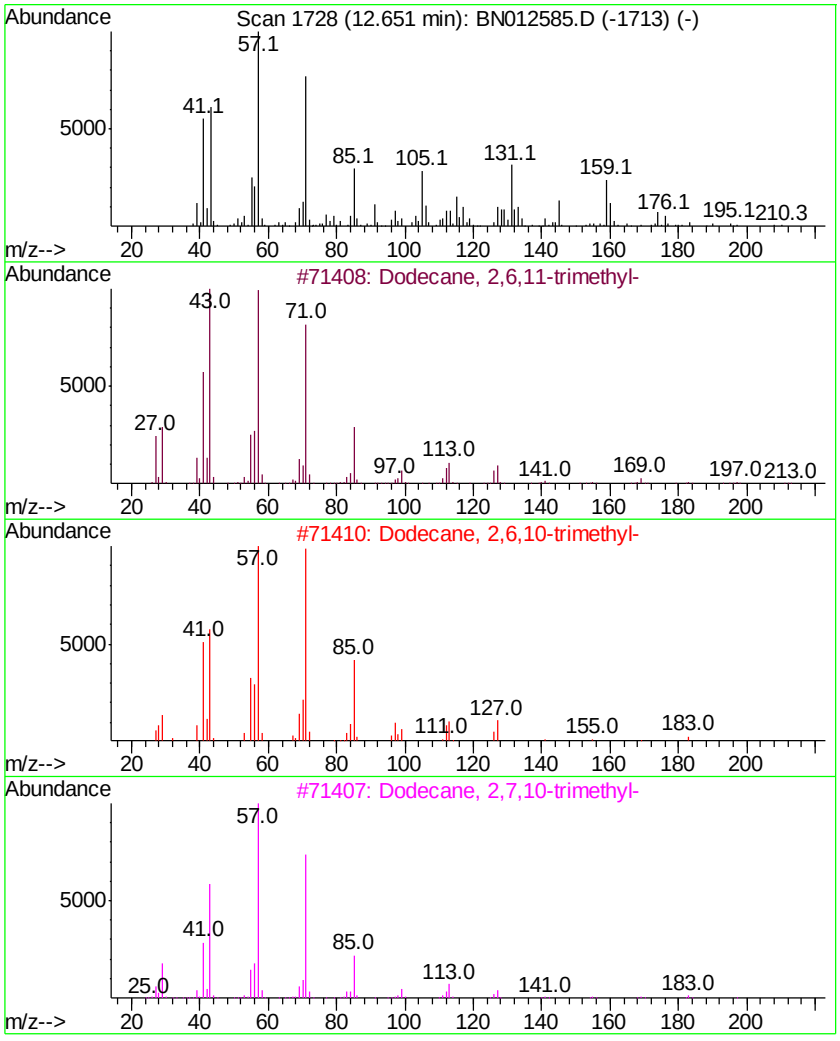
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

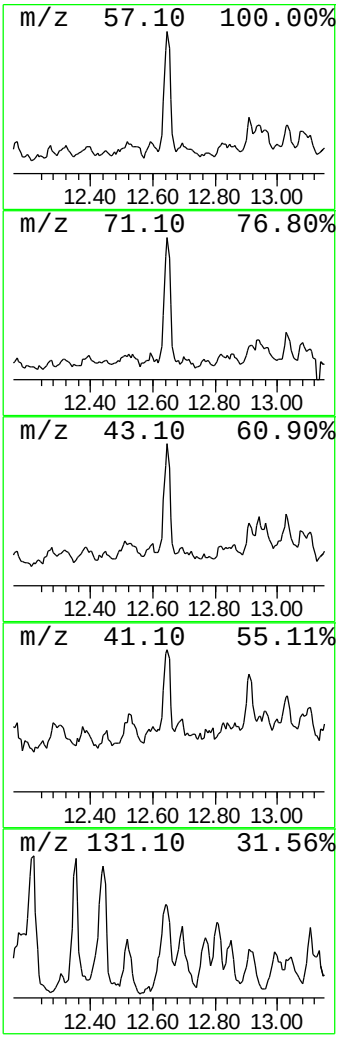
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	9.23 ng/ul	1420470	Acenaphthene-d10	14.11

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	55
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	46
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	46
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

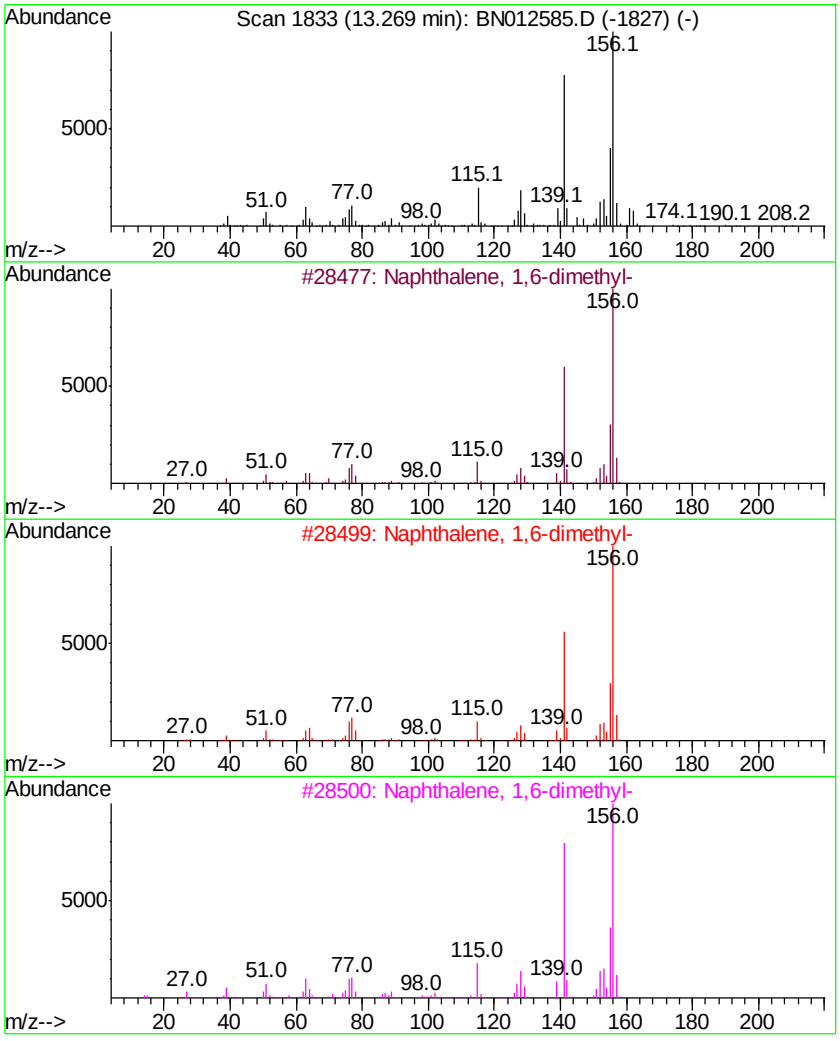
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

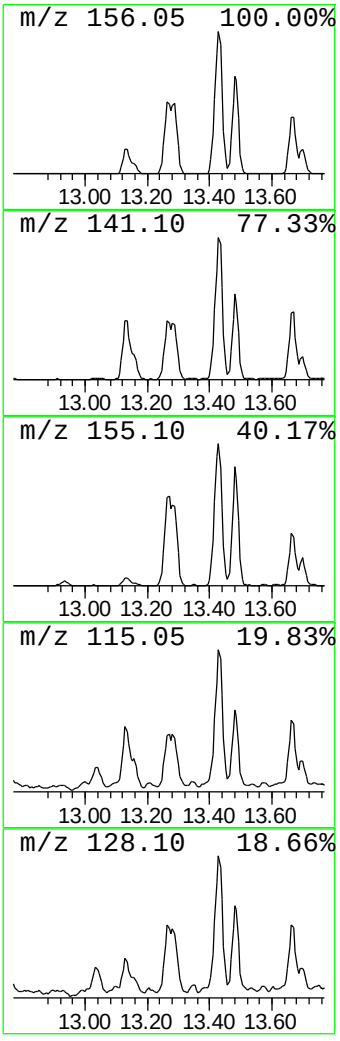
****

Peak Number 17 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	17.04 ng/ul	2623160	Acenaphthene-d10	14.11

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

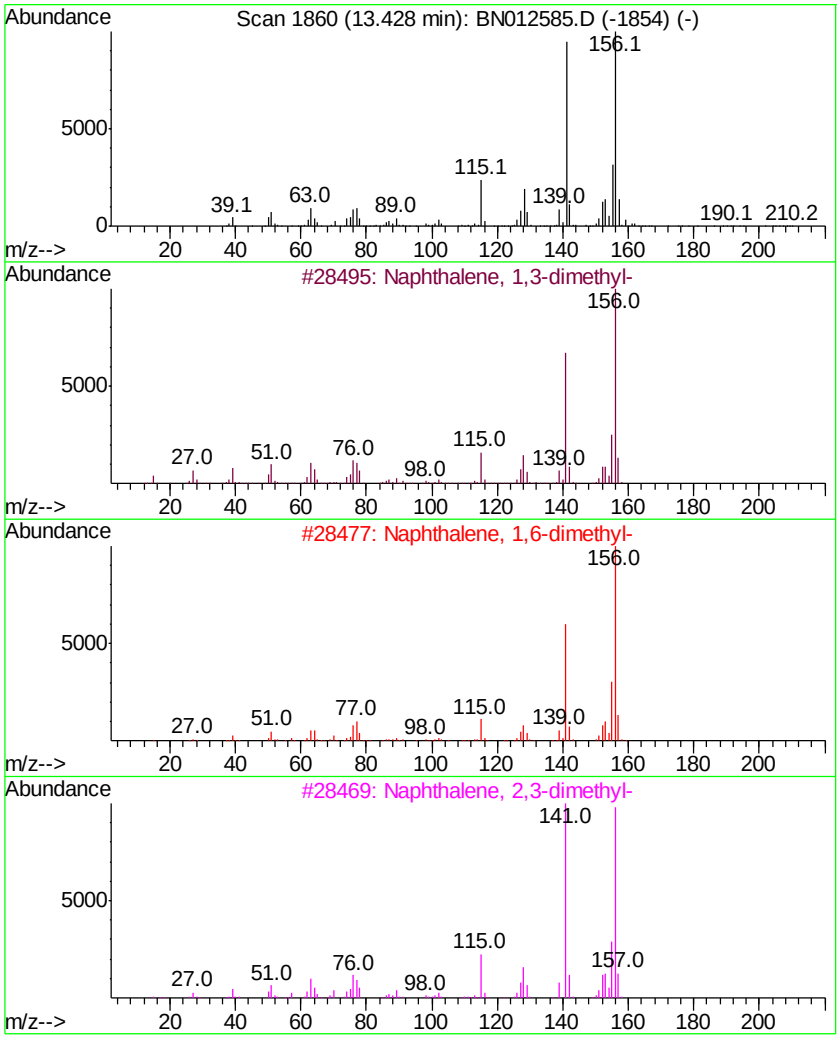
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

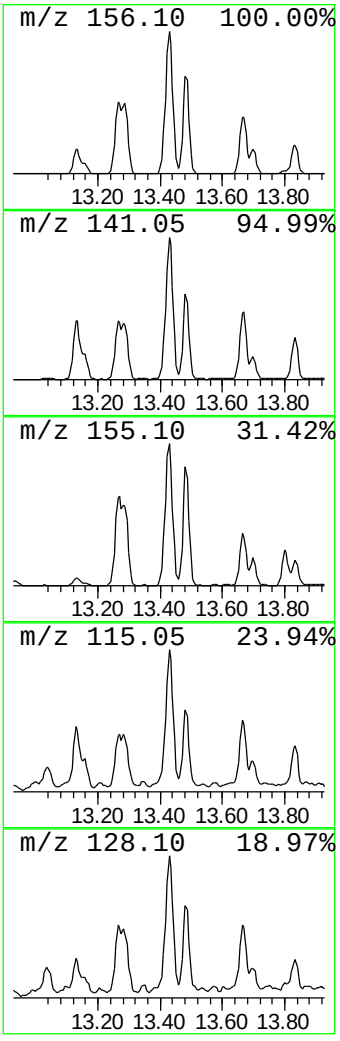
****

Peak Number 18 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	39.58 ng/ul	6093550	Acenaphthene-d10	14.11

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, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

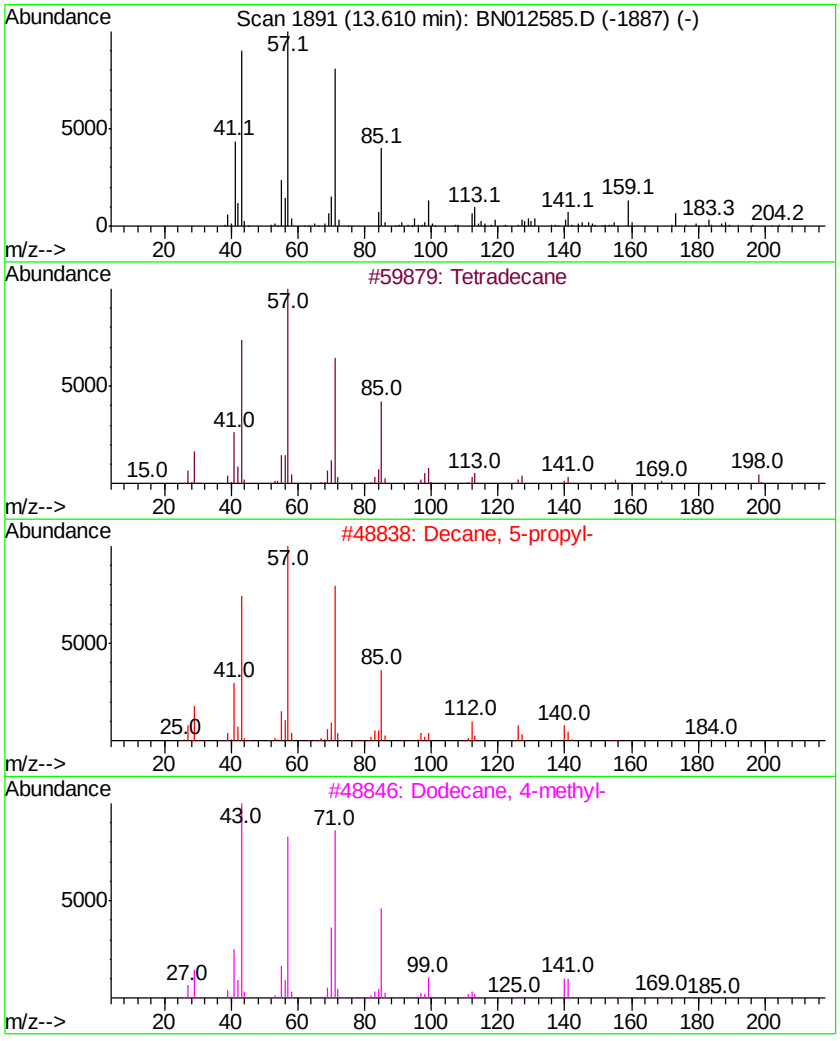
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

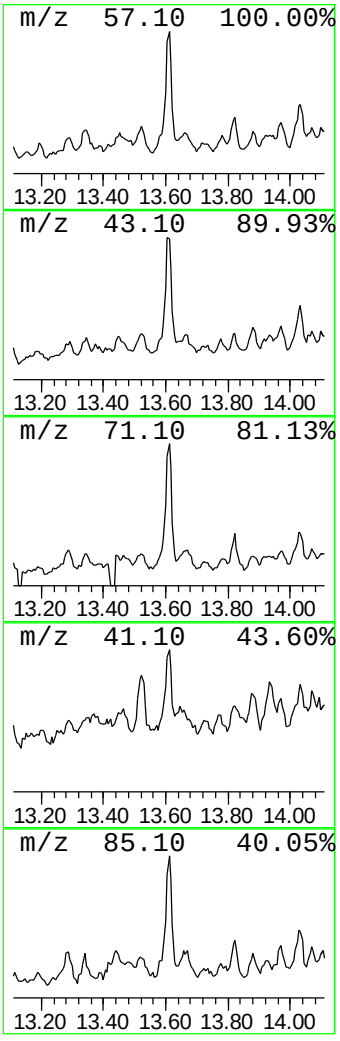
****

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	3.72 ng/ul	573376	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	78
2	Decane, 5-propyl-	184	C13H28	017312-62-8	74
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	74
4	Tritetracontane	605	C43H88	007098-21-7	72
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	68





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Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

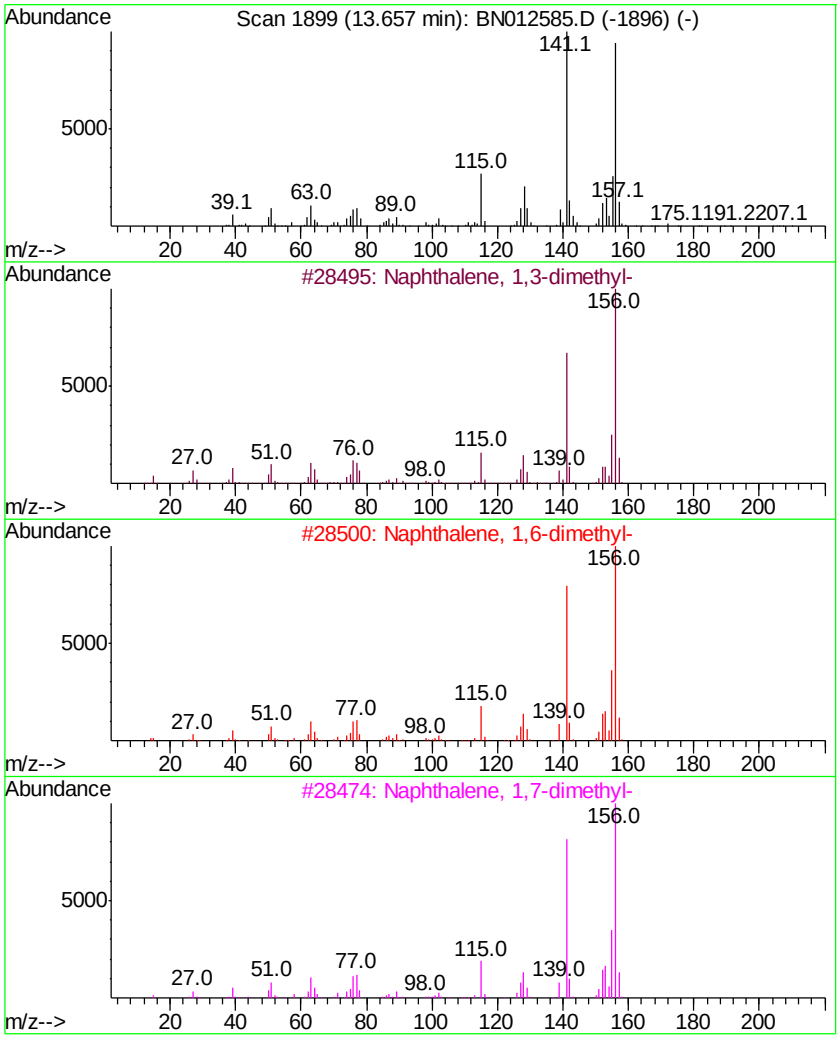
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

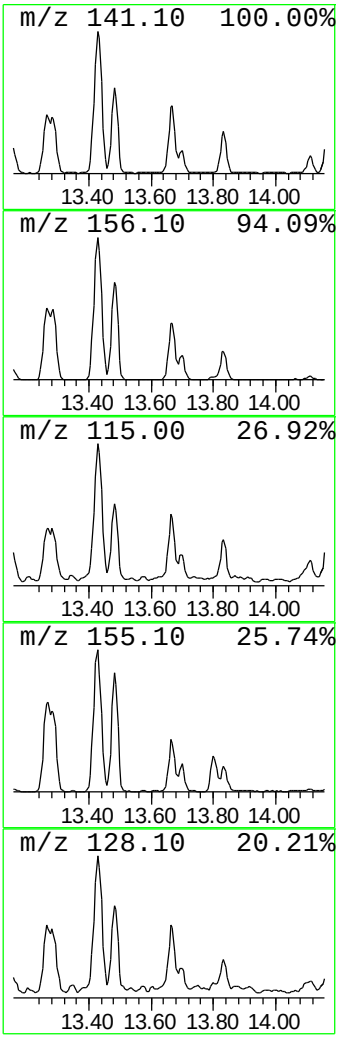
****

Peak Number 20 Naphthalene, 1,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	15.74 ng/ul	2423370	Acenaphthene-d10	14.11

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, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

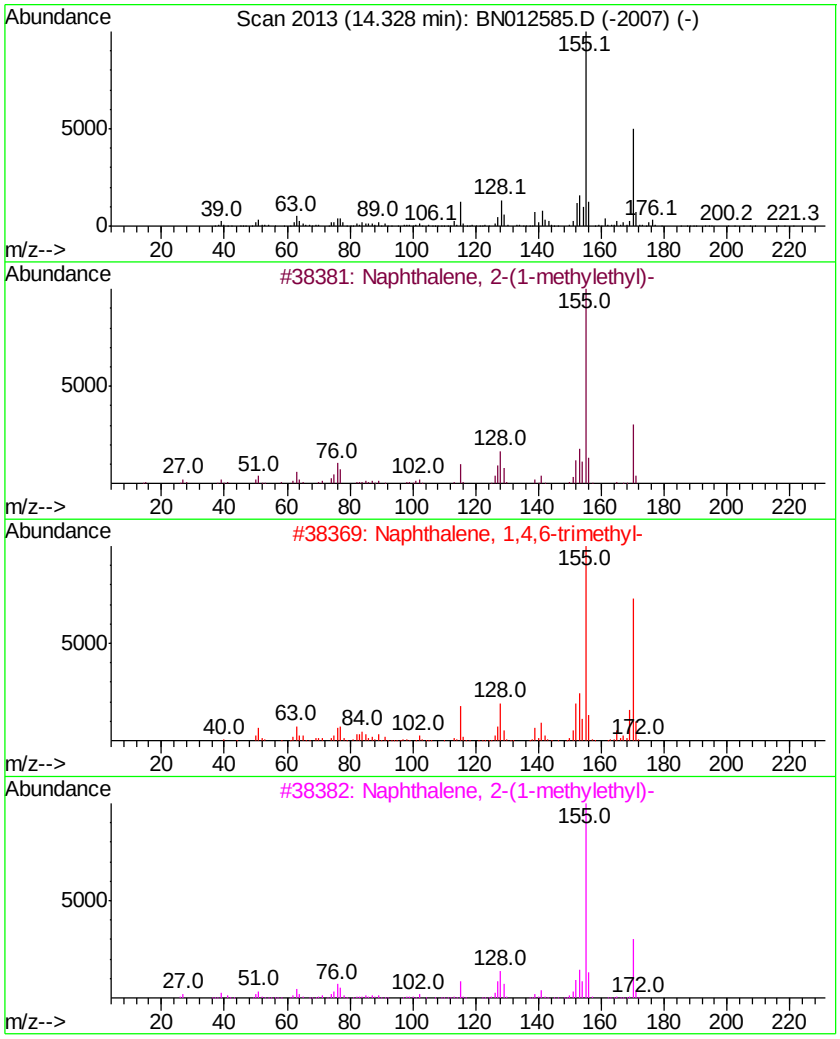
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

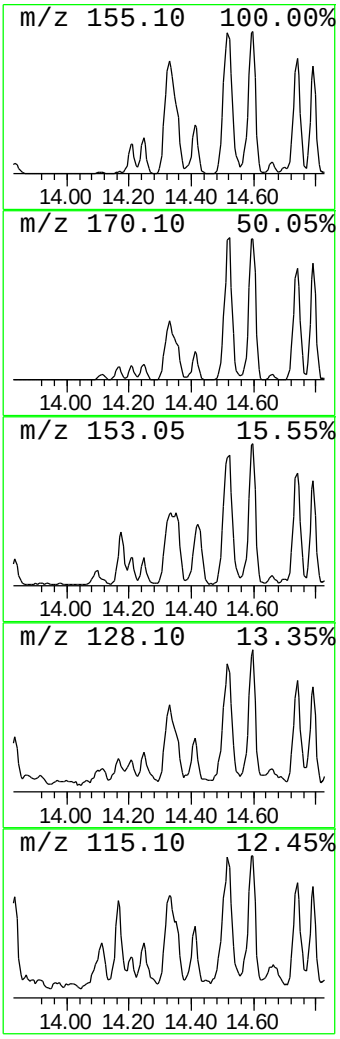
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Naphthalene, 2-(1-methyleth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	25.71 ng/ul	3958330	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86





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Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

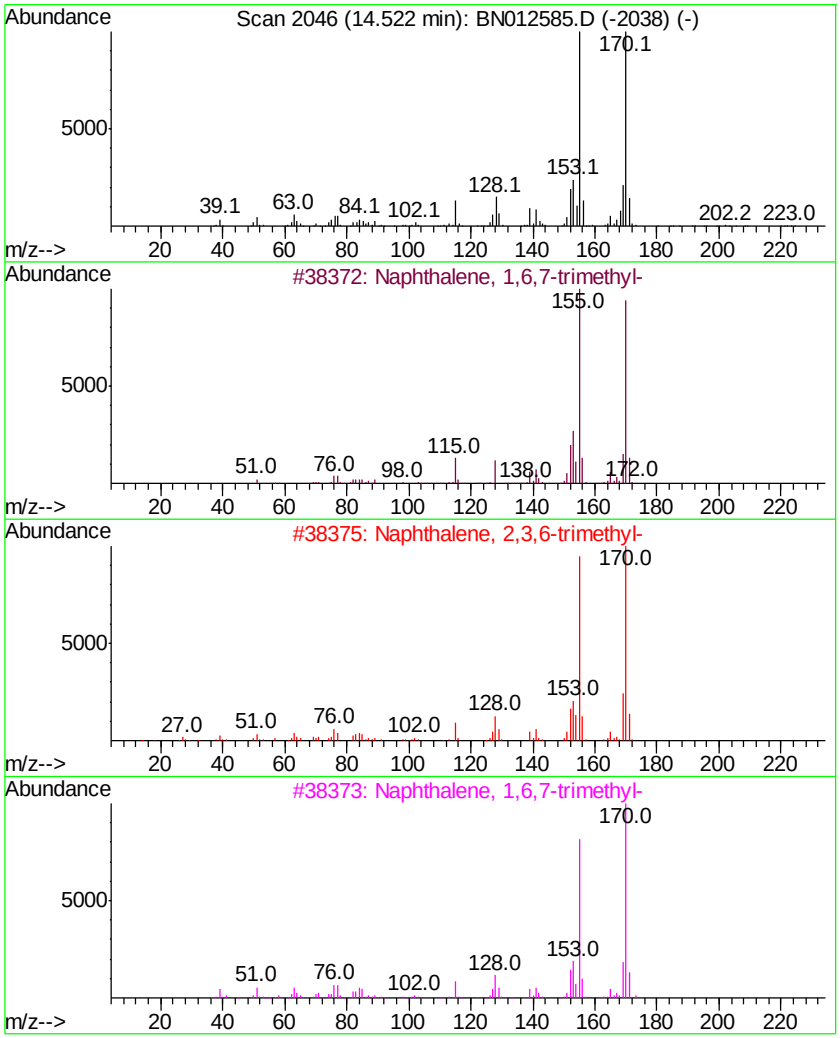
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

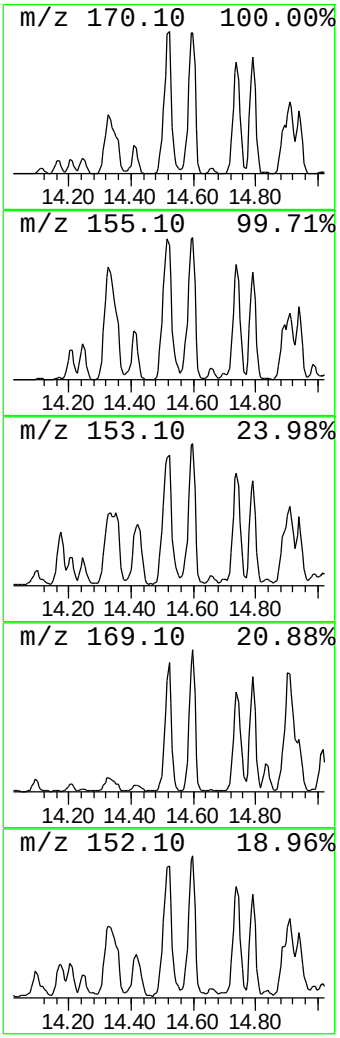
****

Peak Number 25 Naphthalene, 1,6,7-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	31.11 ng/ul	4789100	Acenaphthene-d10	14.11

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

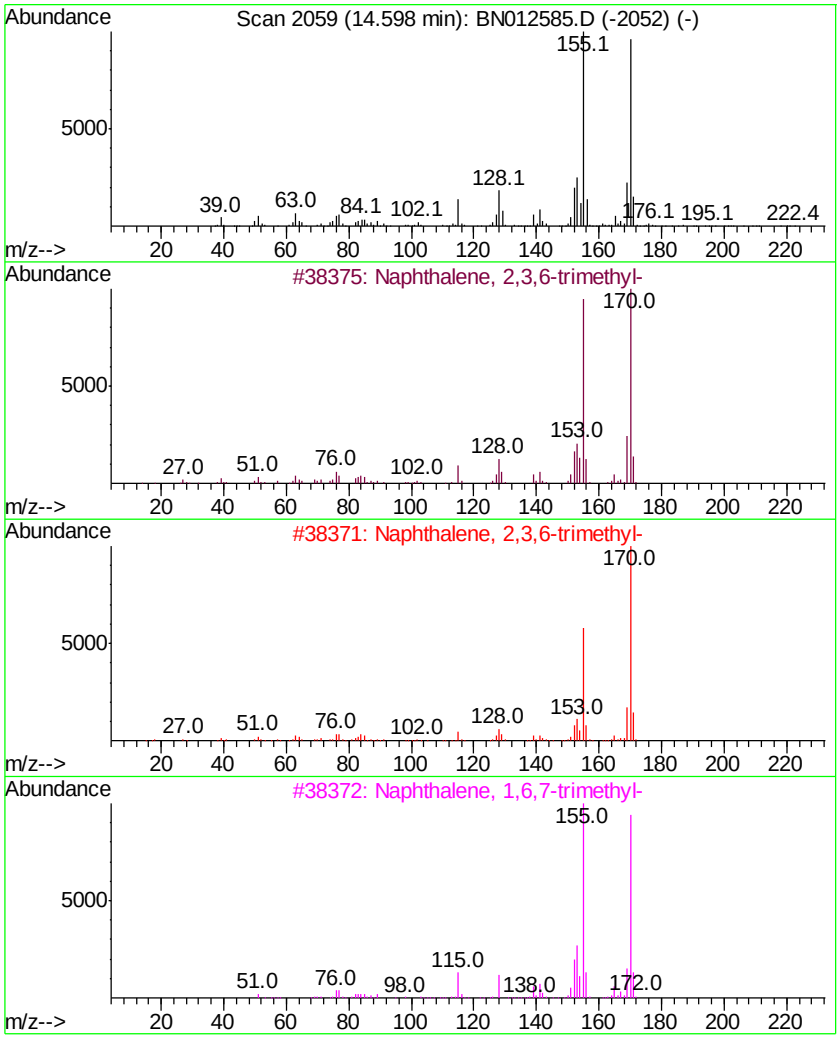
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

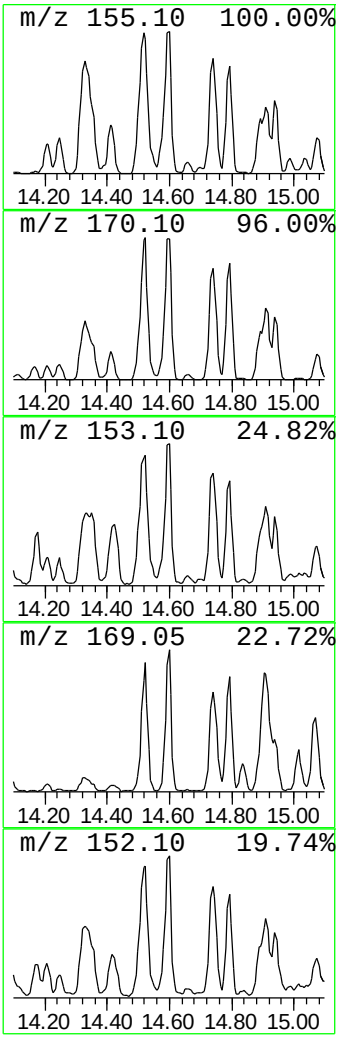
****

Peak Number 26 Naphthalene, 1,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	25.78 ng/ul	3968540	Acenaphthene-d10	14.11

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

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

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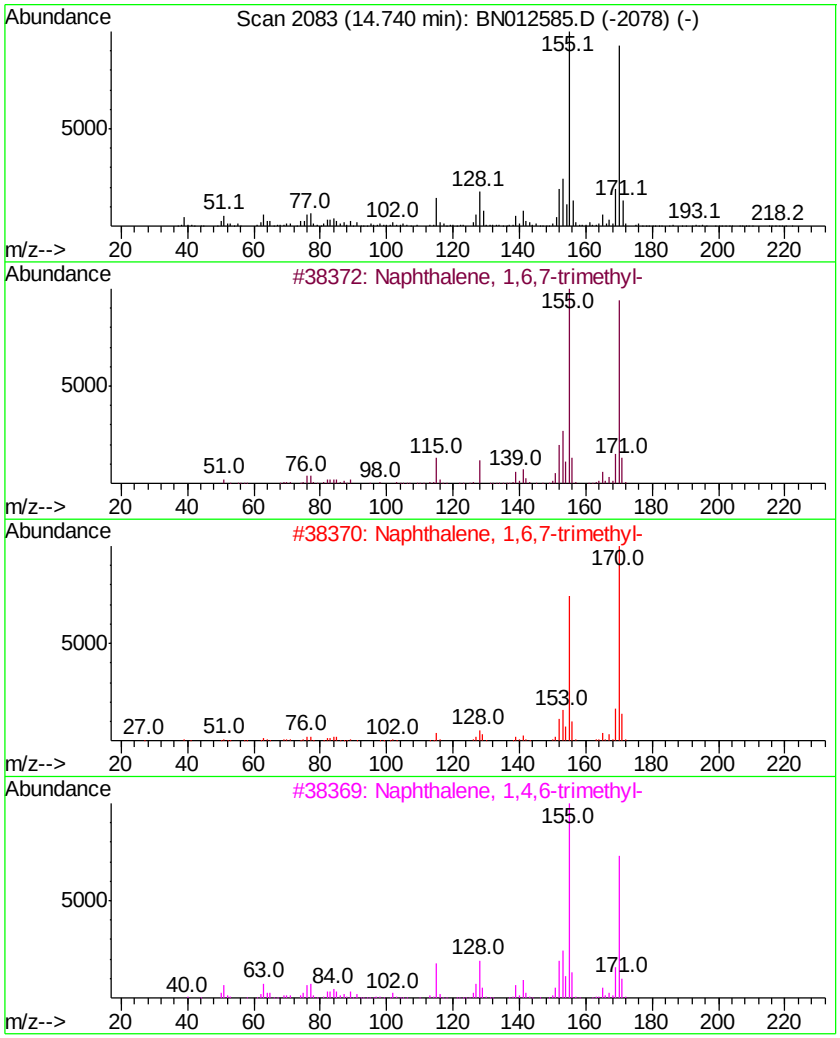
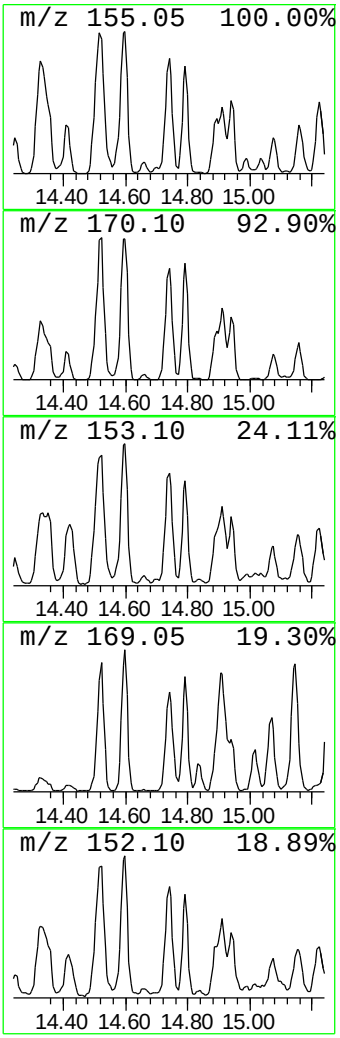
Peak Number 28 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	24.18 ng/ul	3722730	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

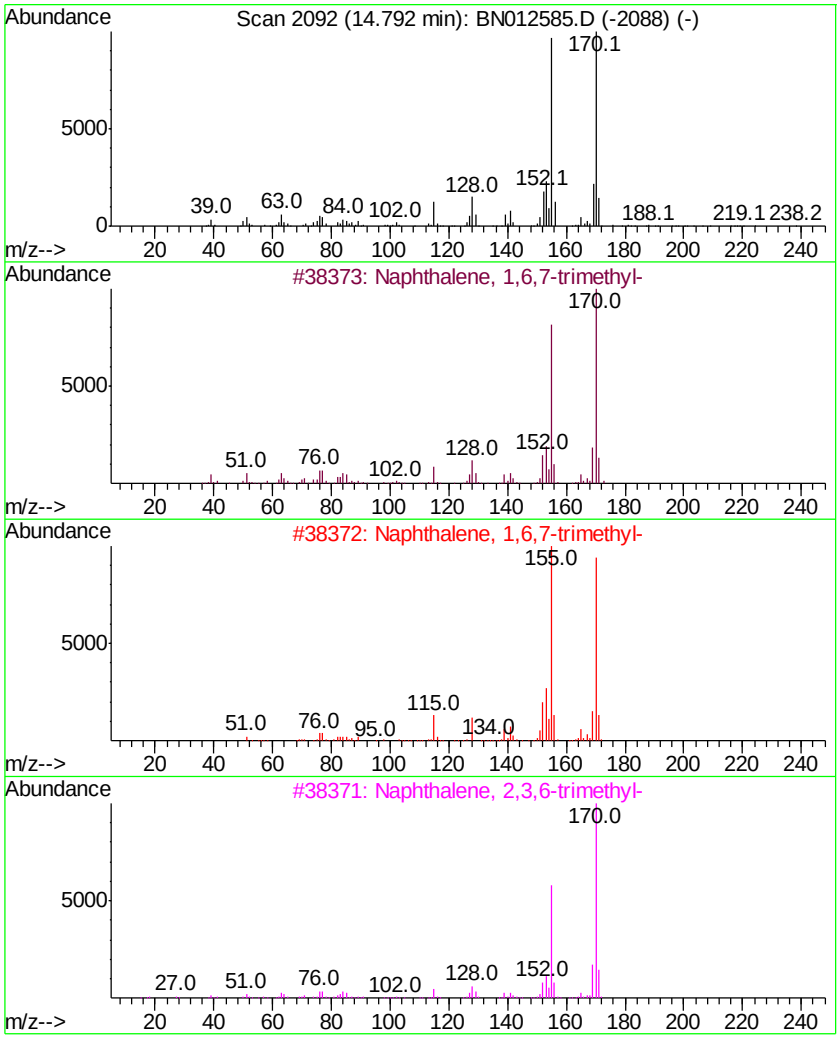
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

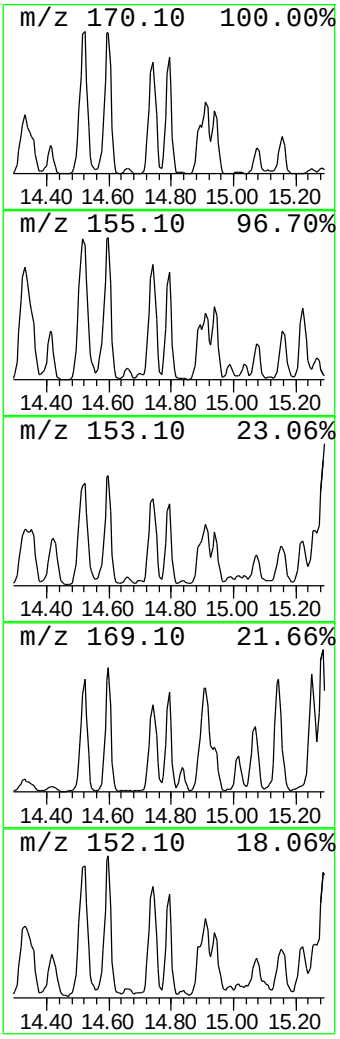
****

Peak Number 29 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	16.92 ng/ul	2604240	Acenaphthene-d10	14.11

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





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Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

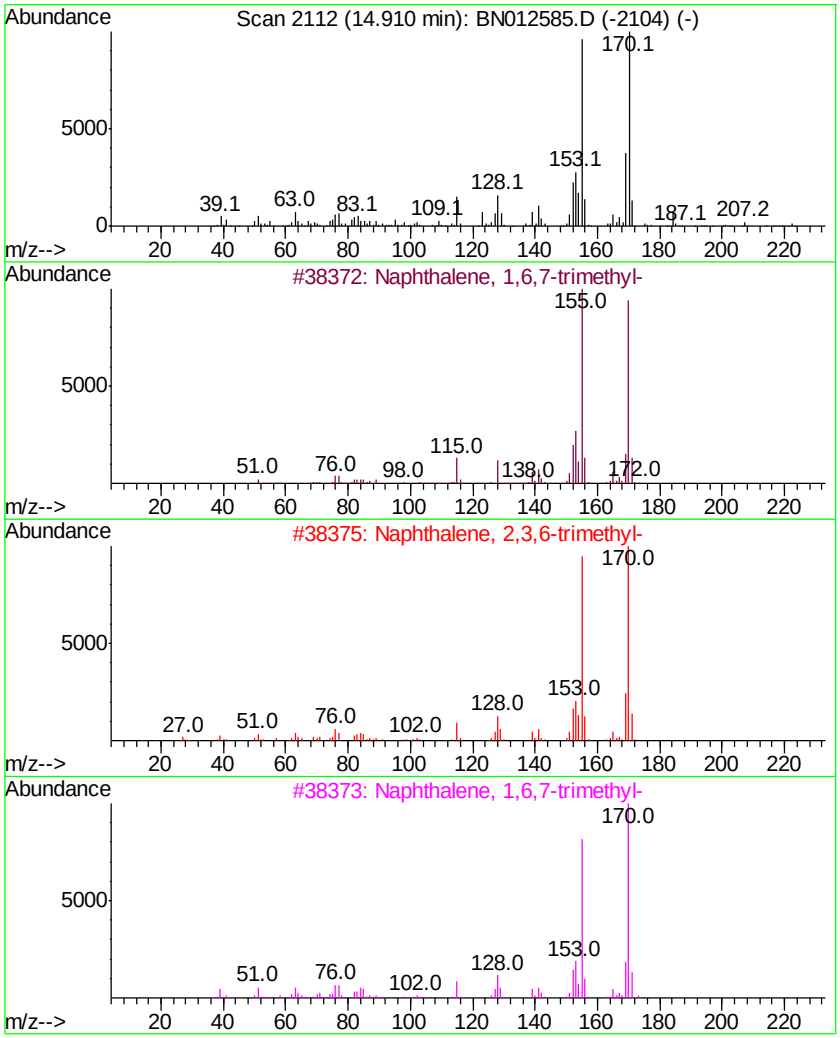
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

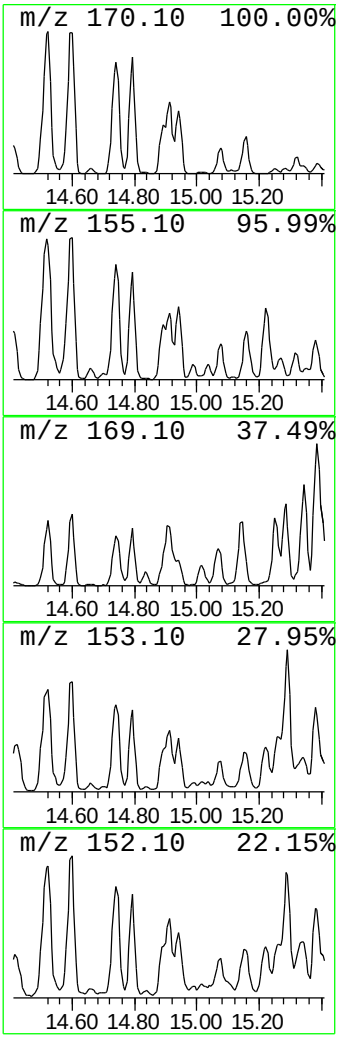
****

Peak Number 31 Naphthalene, 1,4,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	21.10 ng/ul	3247940	Acenaphthene-d10	14.11

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





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Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

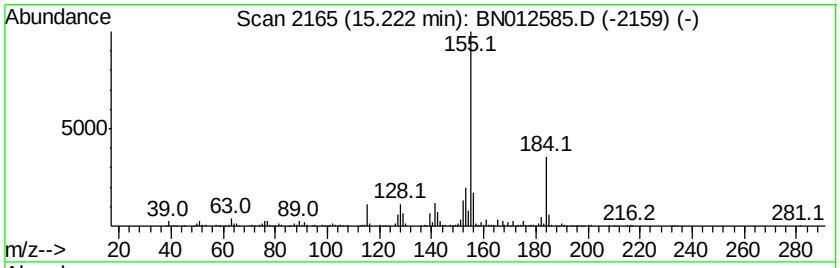
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

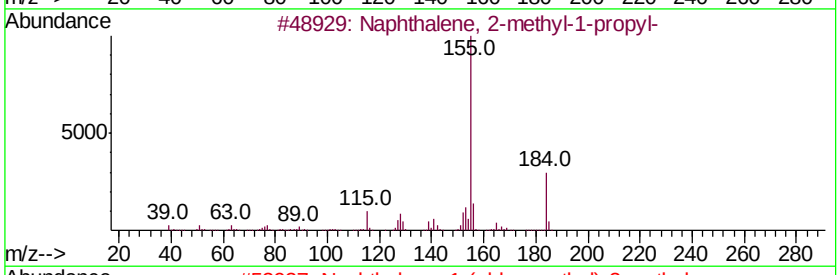
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

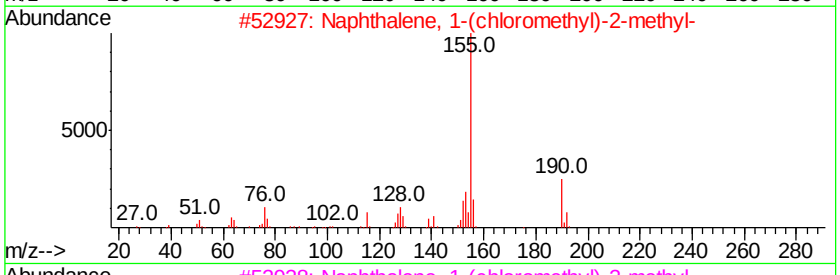
****
Peak Number 33 Naphthalene, 2-methyl-1-pro... Concentration Rank 30

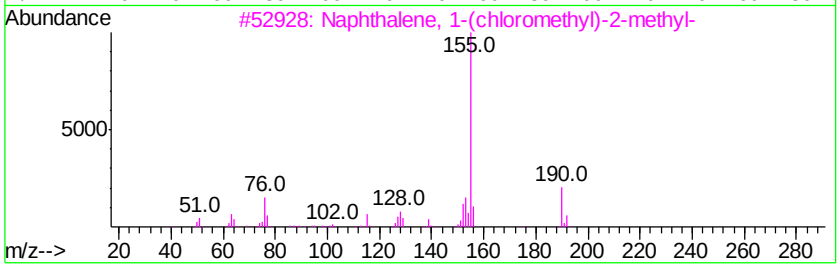
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	11.79 ng/ul	1814940	Acenaphthene-d10	14.11

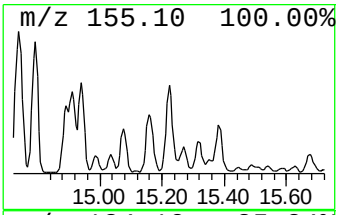
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	95
2	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	76
3	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	64
4	Pyridine, 4-phenyl-	155	C11H9N	000939-23-1	47
5	1-Naphthalen-1-yl-2-(1-phenyl-1H...	346	C19H14N4OS	1000295-34-4	47

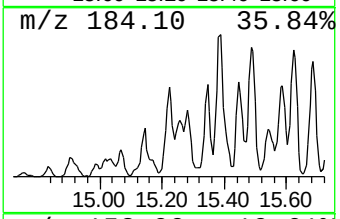


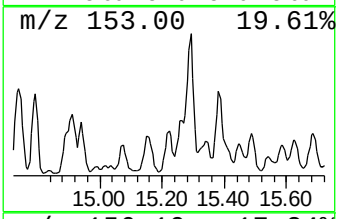


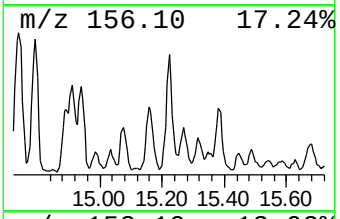


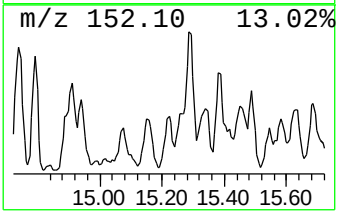












Library Search Compound Report

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Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

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

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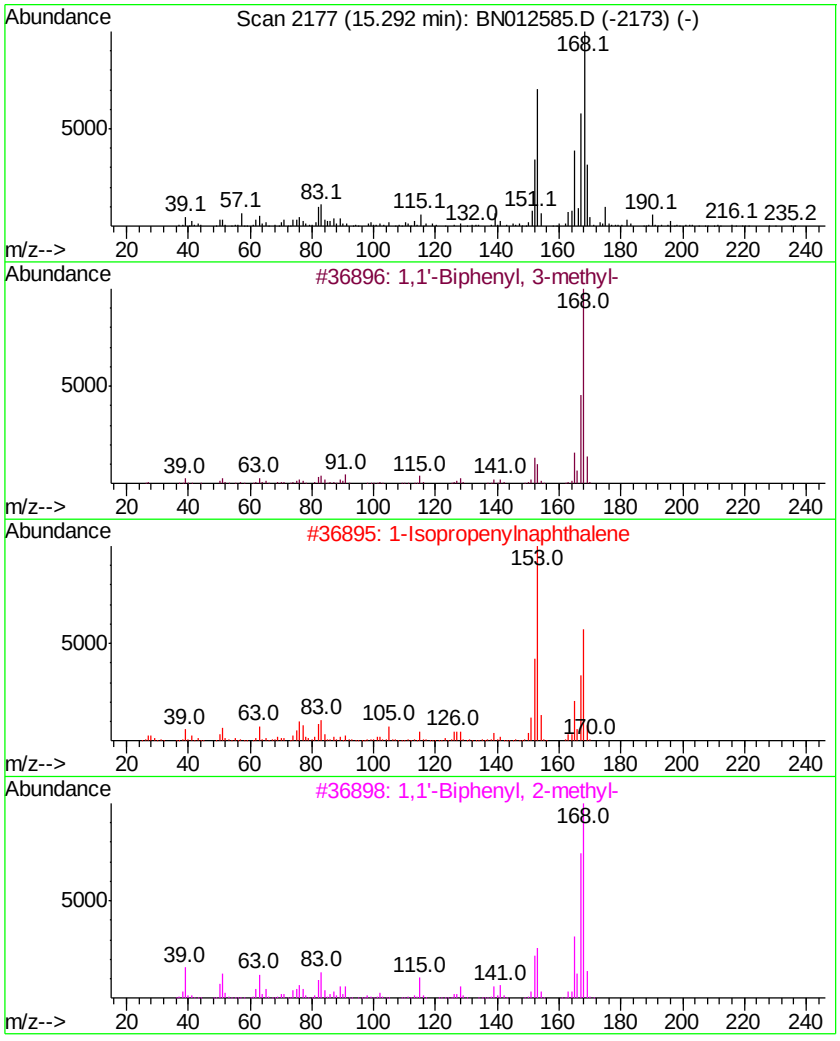
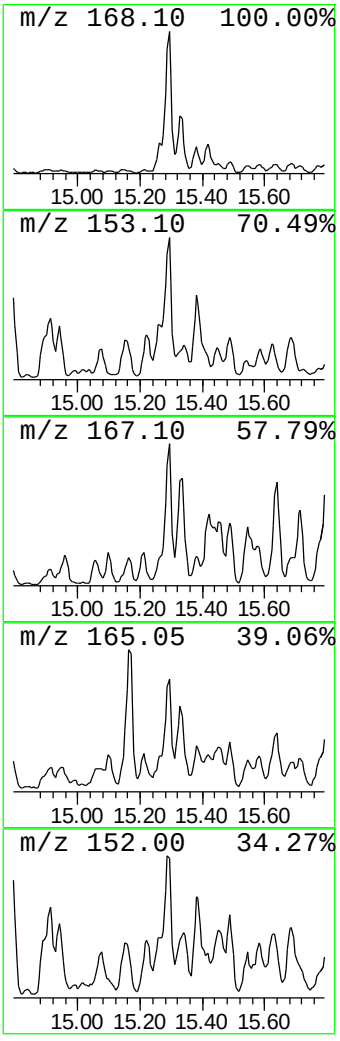
Peak Number 34 1-Isopropenylnaphthalene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	12.18 ng/ul	1875220	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	53
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	53
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	45
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	43





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Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

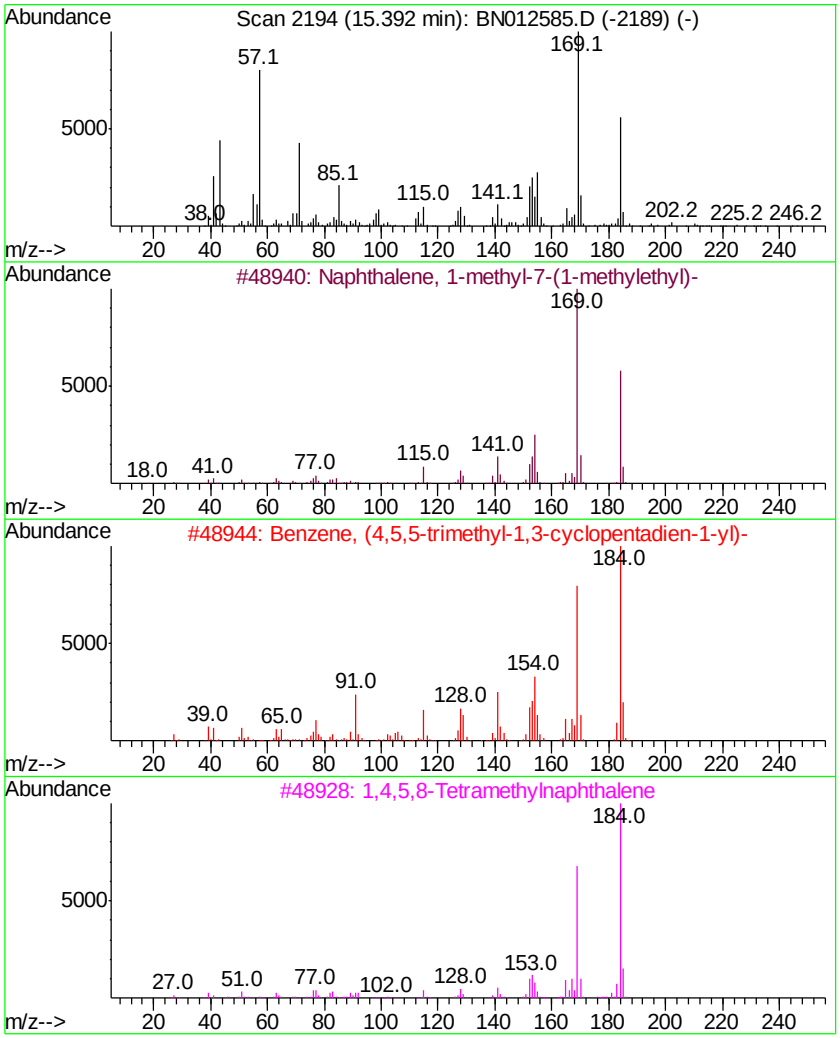
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

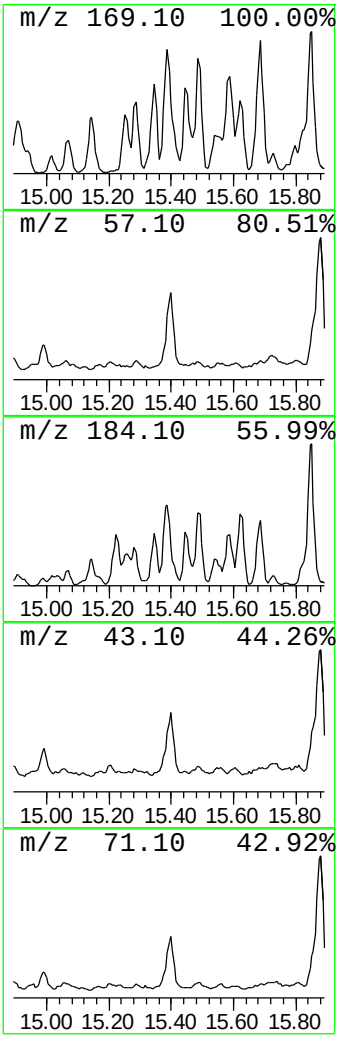
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Naphthalene, 1-methyl-7-(1-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	18.94 ng/ul	2916290	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	86
2	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	81
3	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	81
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	76
5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	64





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Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

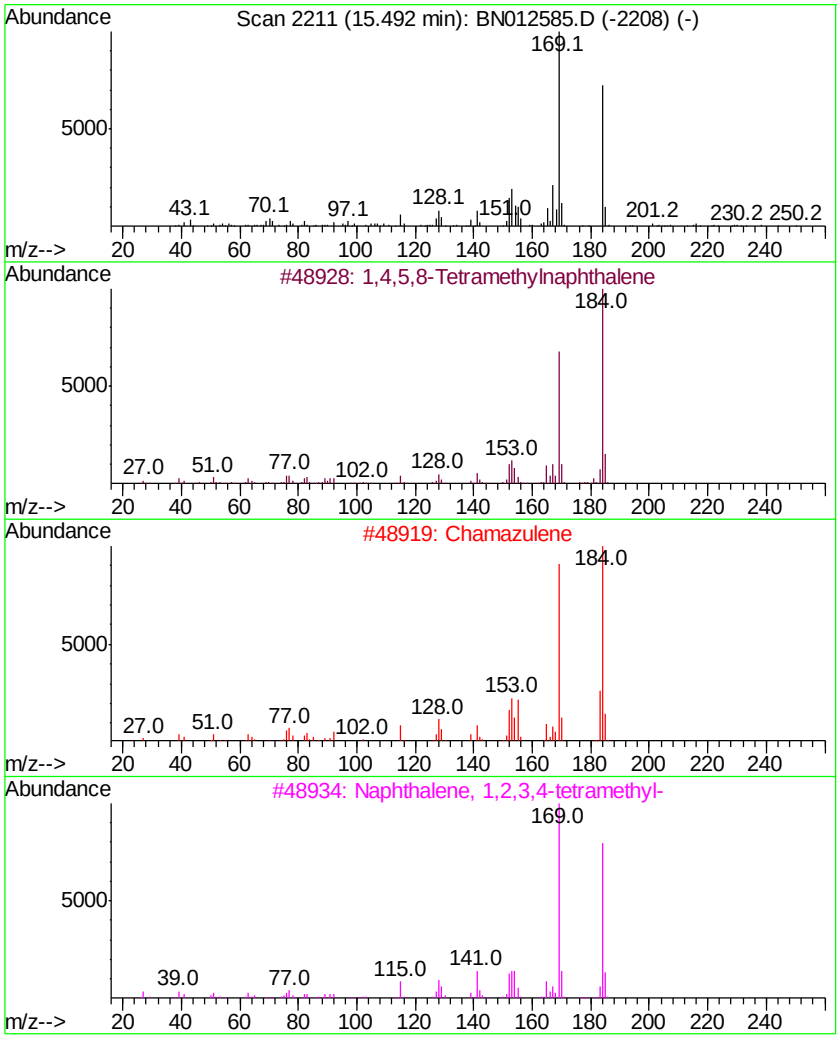
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

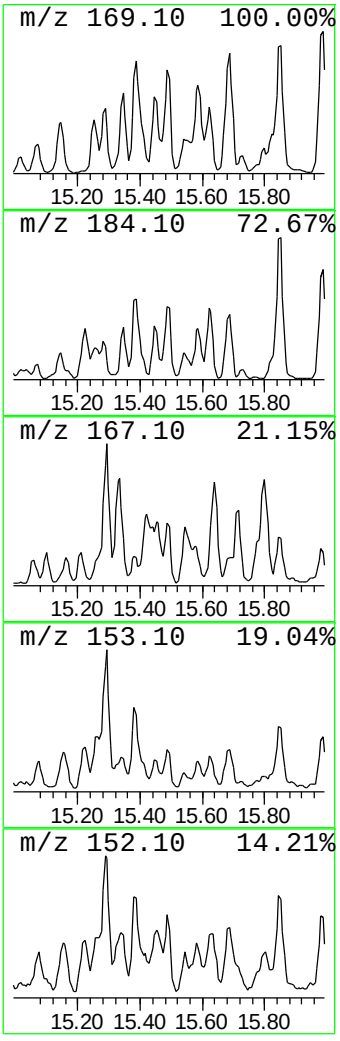
****

Peak Number 38 1,4,5,8-Tetramethylnaphthalene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	12.50 ng/ul	1234470	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	93
2	Chamazulene	184	C14H16	000529-05-5	91
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	74
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	64
5	3,4-Dimethoxy-6-methylpyrocatechol	184	C9H12O4	054826-79-8	49





Library Search Compound Report

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Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

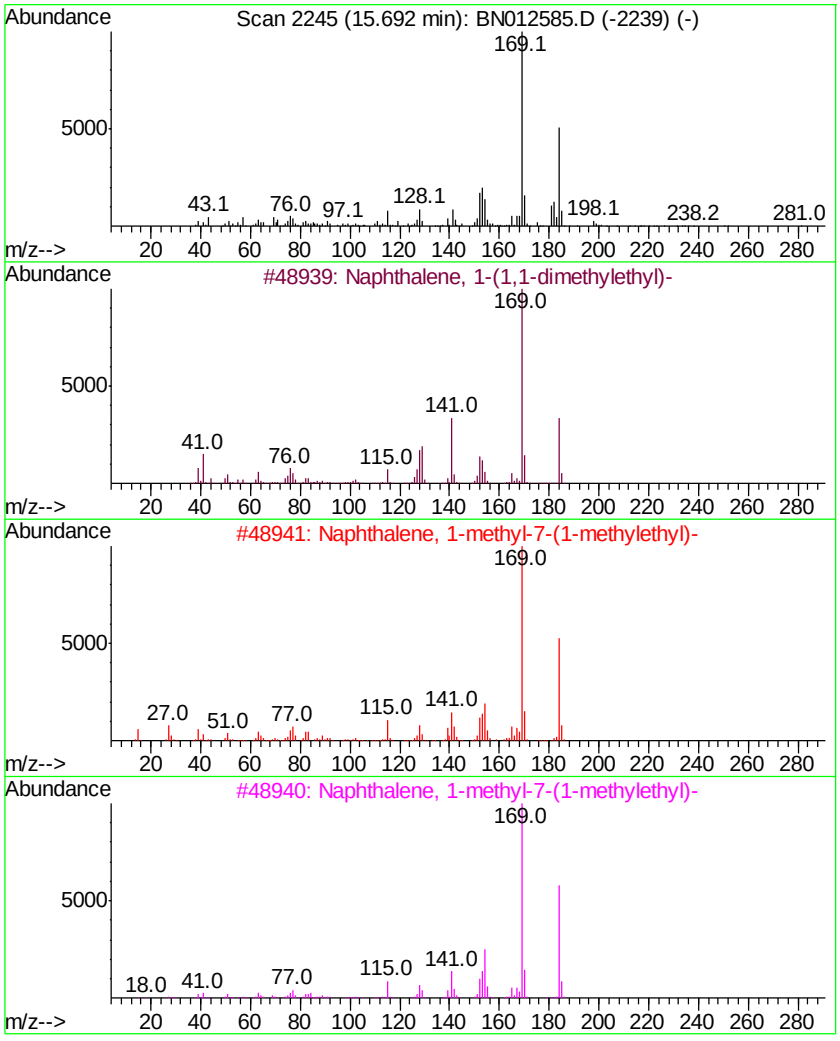
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

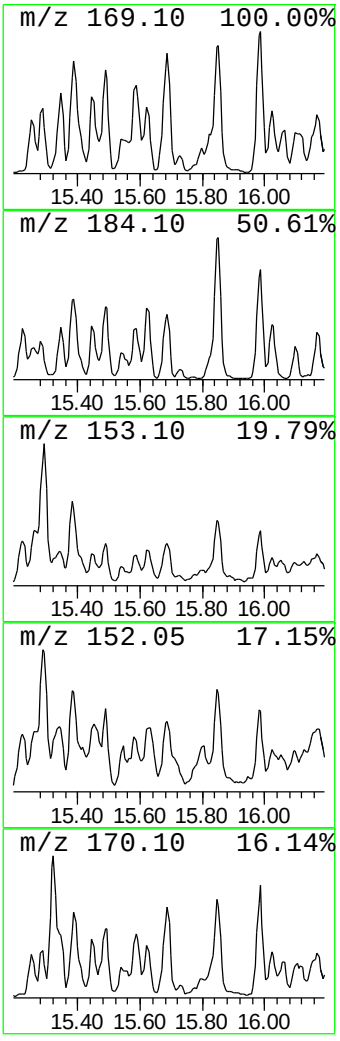
****

Peak Number 42 Naphthalene, 1-(1,1-dimethy... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	16.25 ng/ul	1604720	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	87
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	87
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	86
4	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	68
5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	64





Library Search Compound Report

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Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

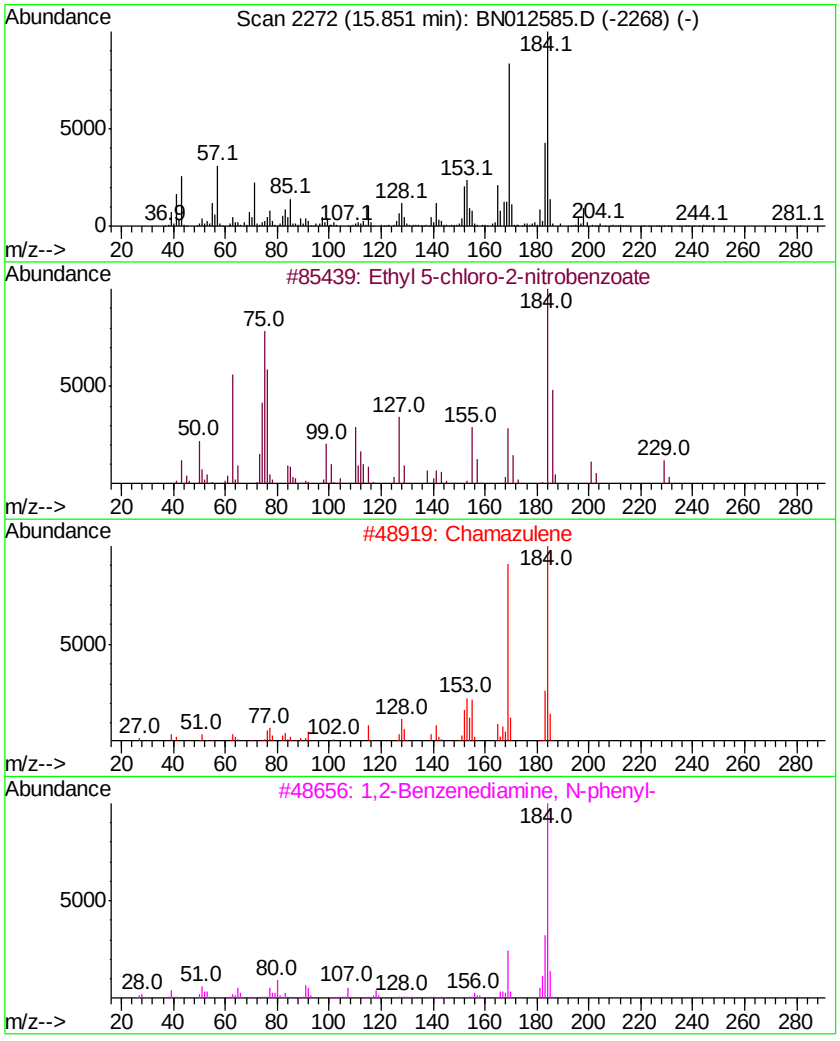
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

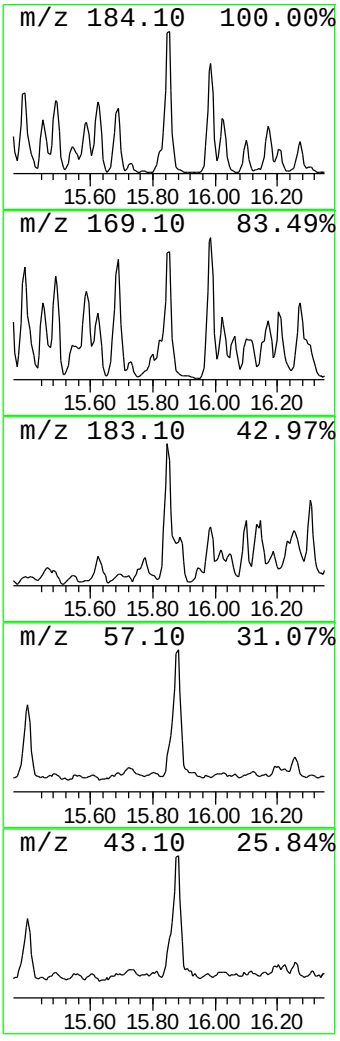
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Ethyl 5-chloro-2-nitrobenzoate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	23.58 ng/ul	2328160	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 5-chloro-2-nitrobenzoate	229	C9H8ClNO4	051282-56-5	90
2	Chamazulene	184	C14H16	000529-05-5	90
3	1,2-Benzenediamine, N-phenyl-	184	C12H12N2	000534-85-0	68
4	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	68
5	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	64





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Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

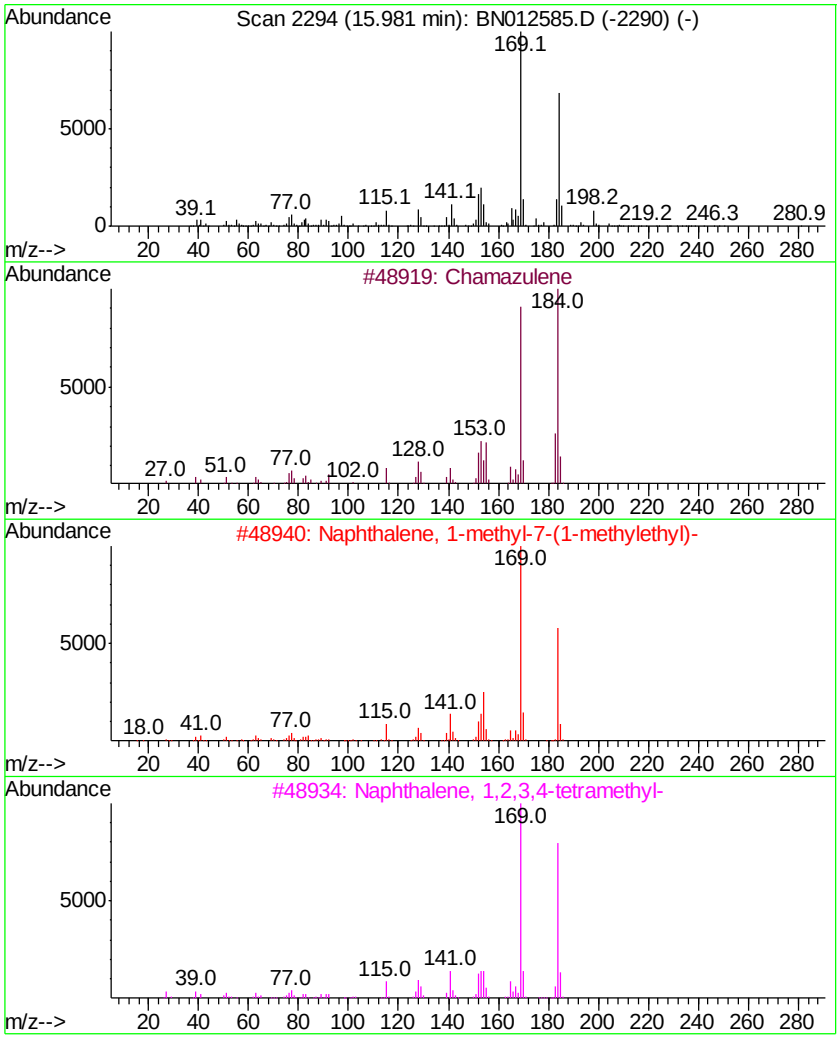
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

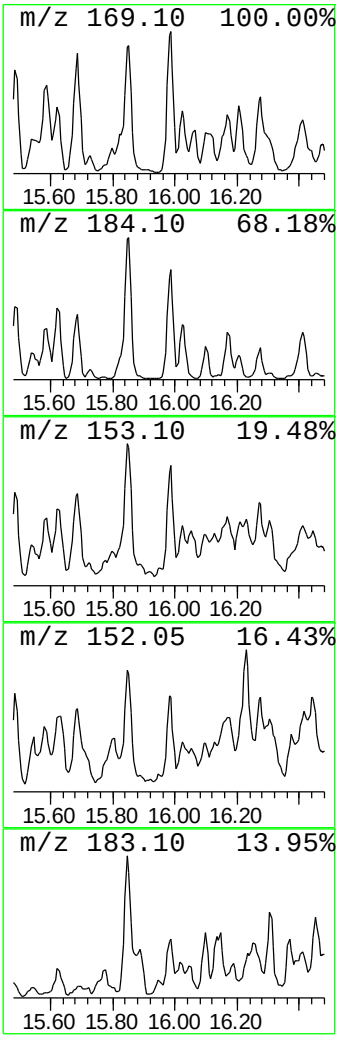
****

Peak Number 45 Chamazulene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	16.08 ng/ul	1587600	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	94
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	90
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	86
4	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	80
5	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	74





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Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

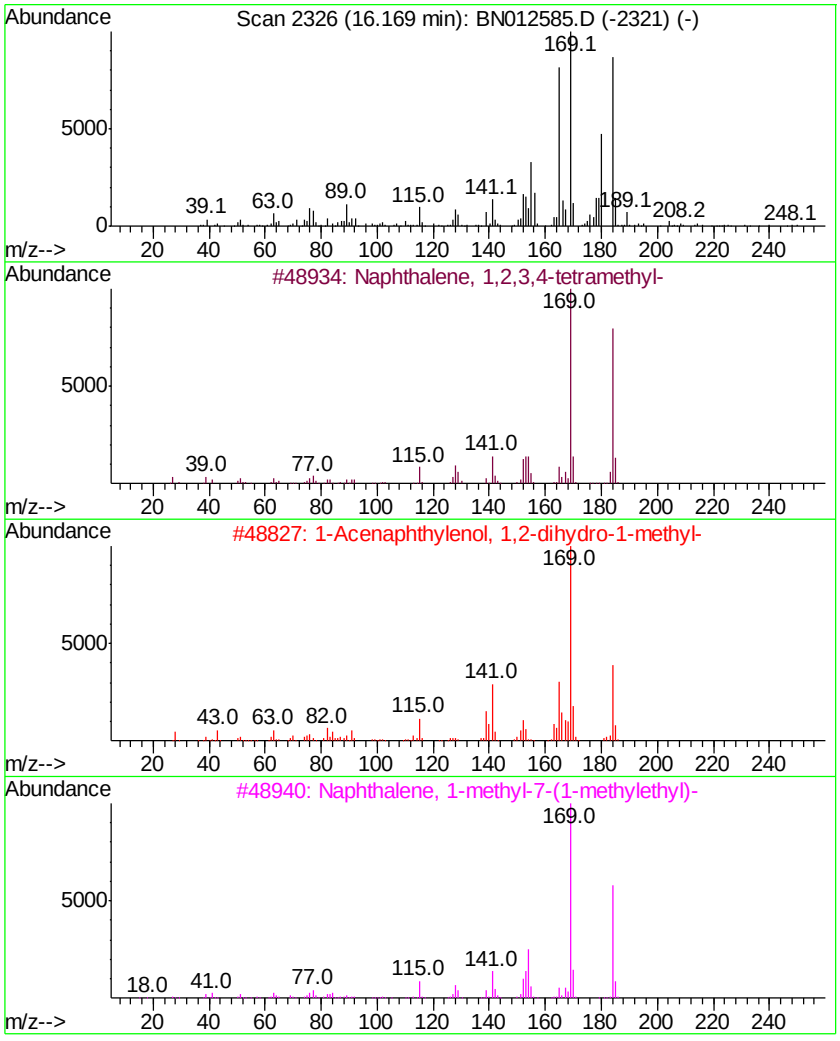
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

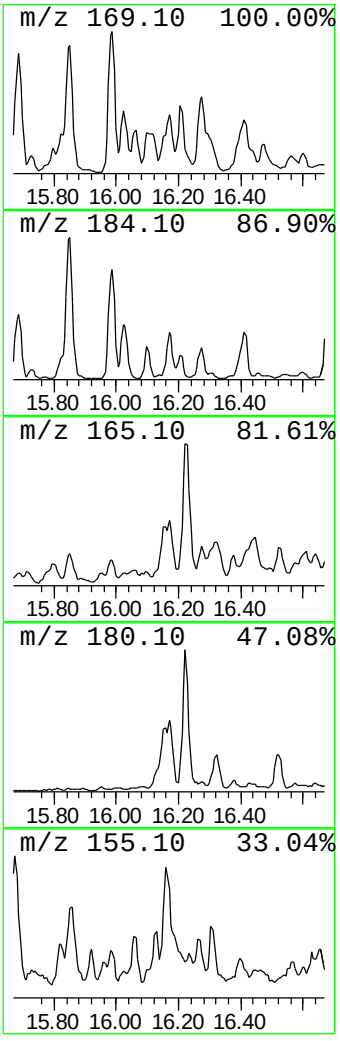
****

Peak Number 48 Naphthalene, 1,2,3,4-tetram... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	14.92 ng/ul	1473910	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	70
2	1-Acenaphthylenol, 1,2-dihydro-1...	184	C13H12O	041002-74-8	55
3	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	55
4	[1,1'-Biphenyl]-2-methanol	184	C13H12O	002928-43-0	55
5	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	49





Library Search Compound Report

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Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

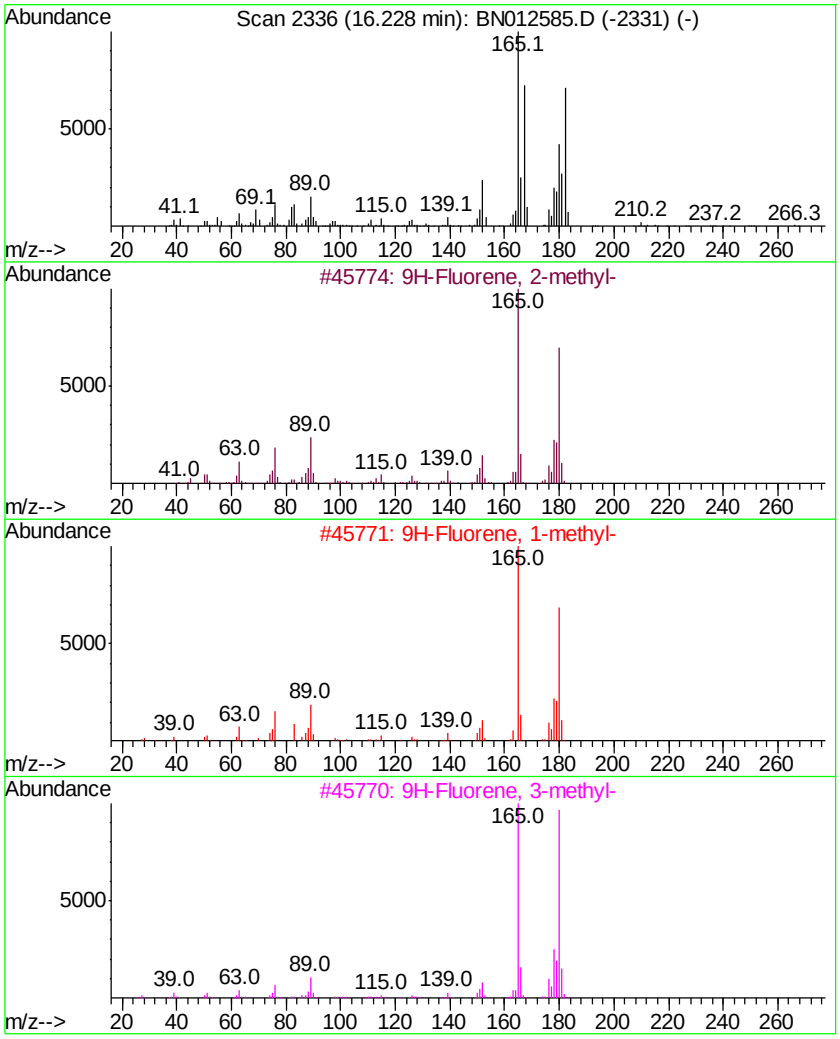
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

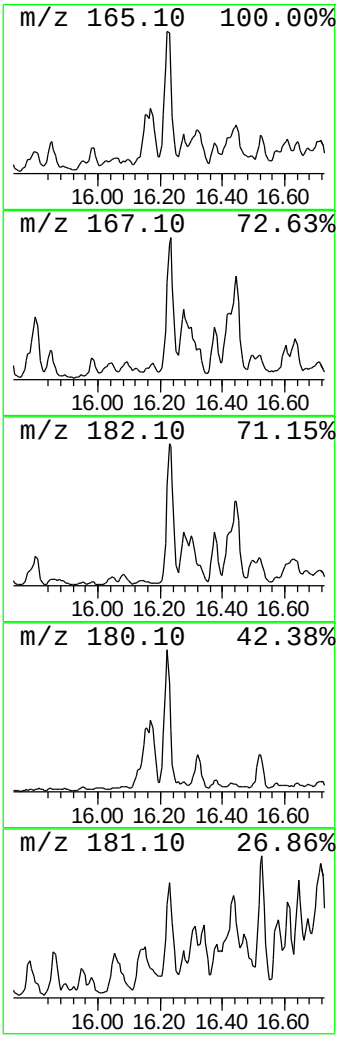
****

Peak Number 49 9H-Fluorene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	23.25 ng/ul	2296130	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	70
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	50
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	50
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	45





Library Search Compound Report

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Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

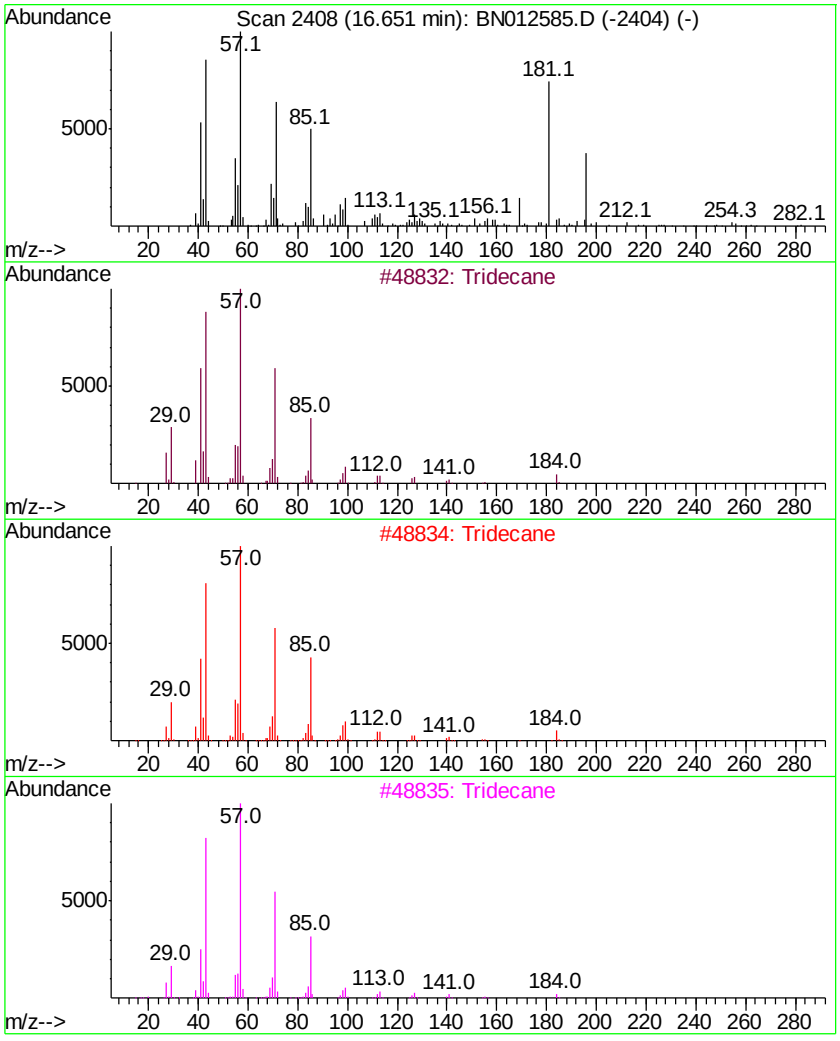
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

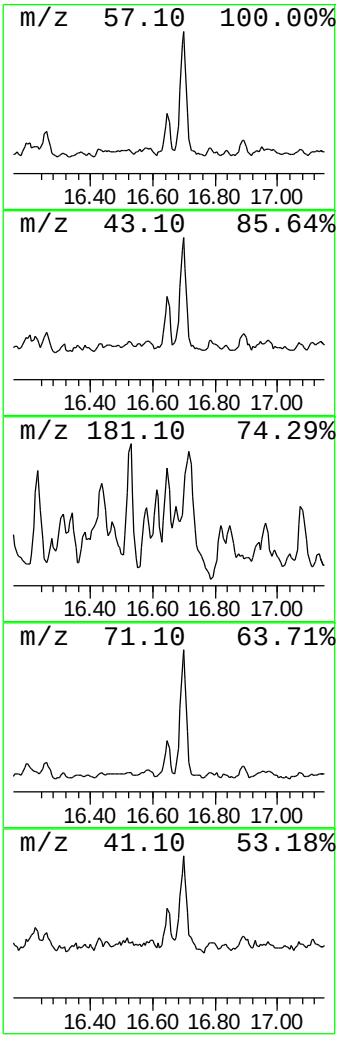
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	9.39 ng/ul	926864	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Tridecane	184	C13H28	000629-50-5	86
3	Tridecane	184	C13H28	000629-50-5	80
4	Pentadecane	212	C15H32	000629-62-9	62
5	Pentadecane	212	C15H32	000629-62-9	60





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Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

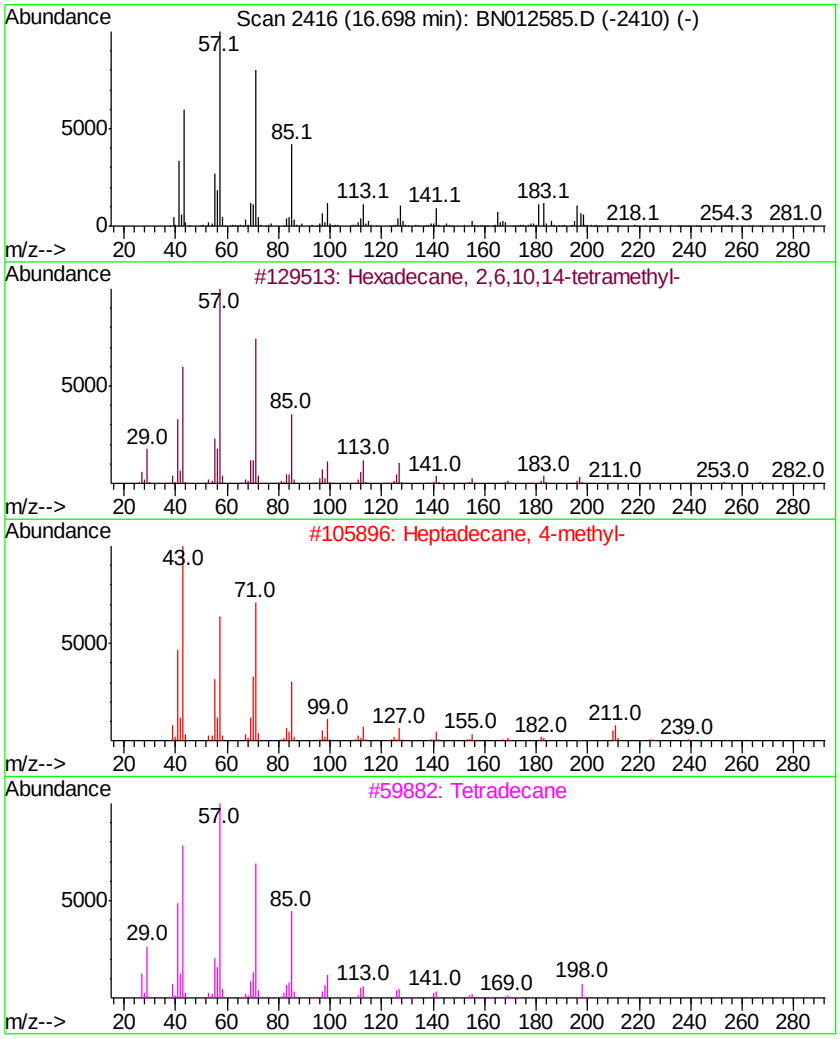
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

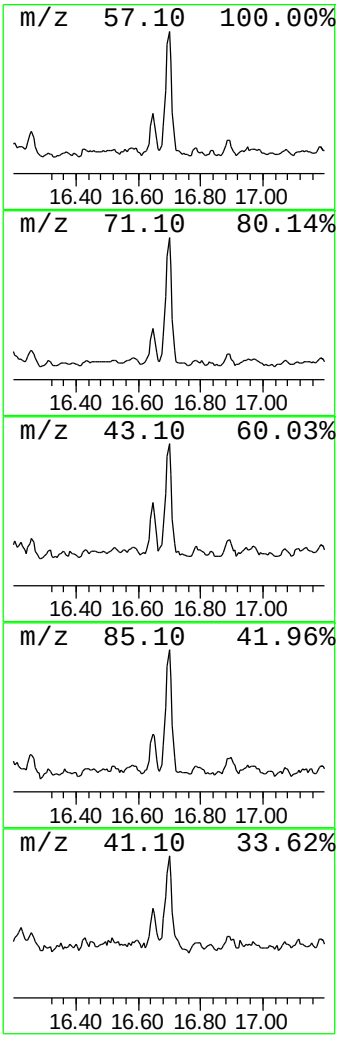
****

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	34.78 ng/ul	3434740	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	95
2	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	81
3	Tetradecane	198	C14H30	000629-59-4	76
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	76
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	70





Library Search Compound Report

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Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

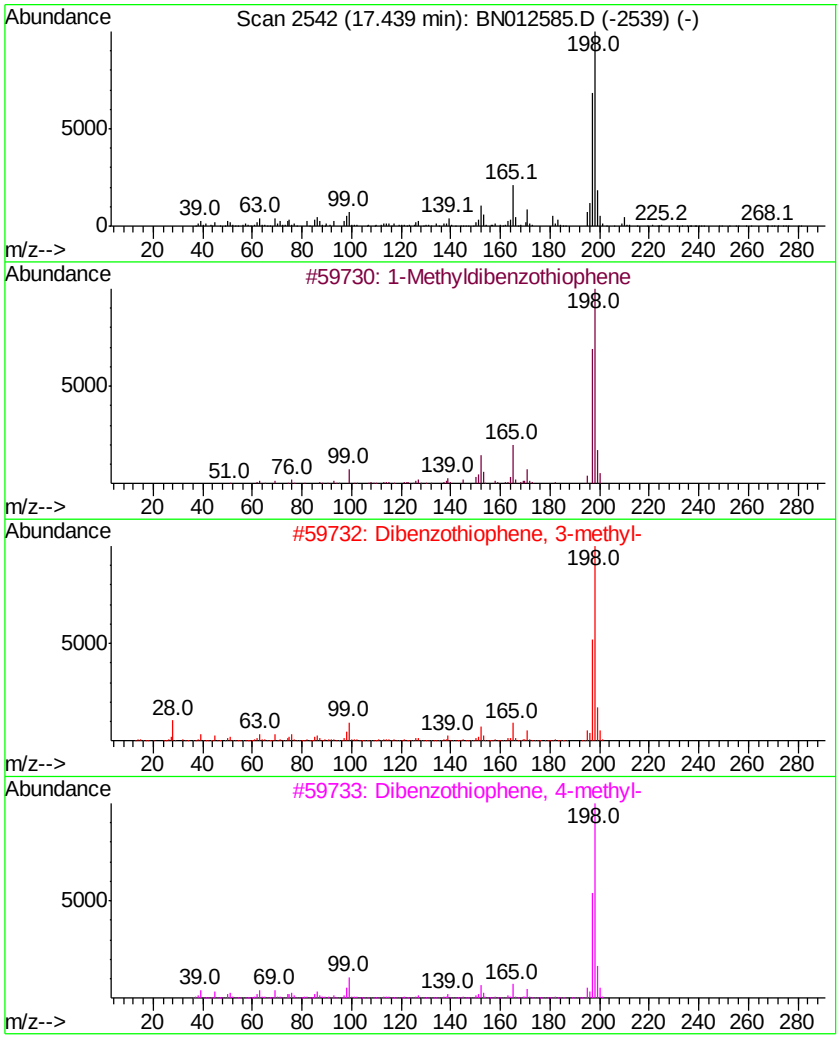
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

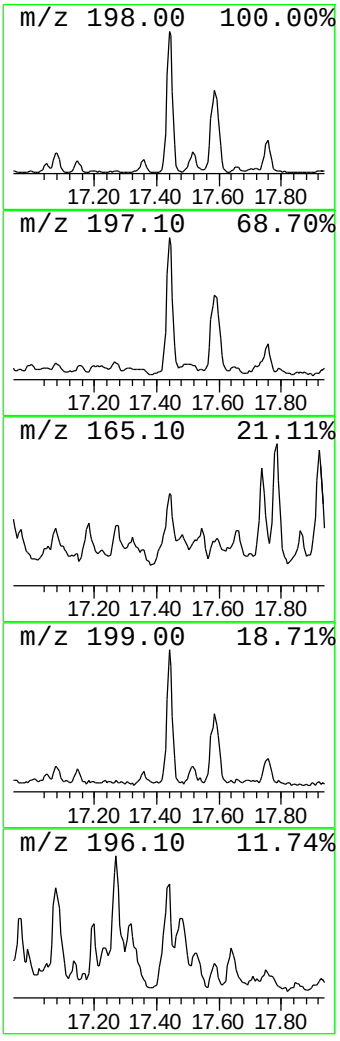
****

Peak Number 57 1-Methyldibenzothiophene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.44	11.43 ng/ul	1128990	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	96
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	90
4	Thioxanthene	198	C13H10S	000261-31-4	70
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64





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Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

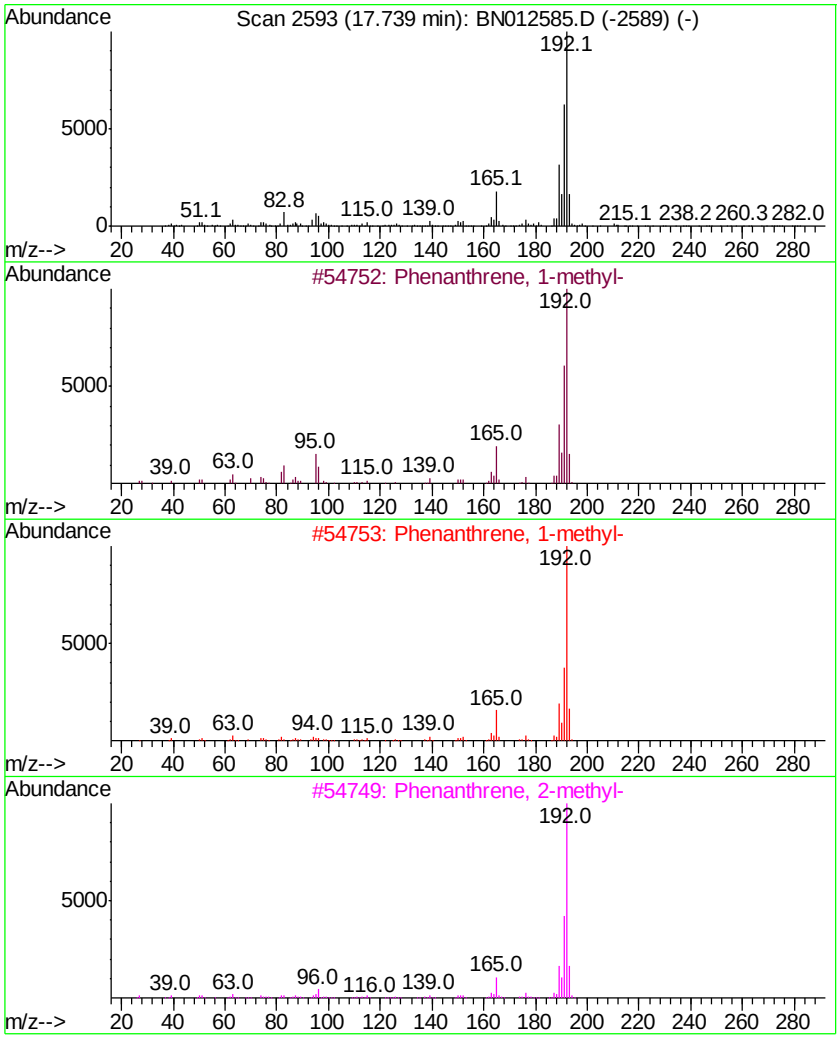
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

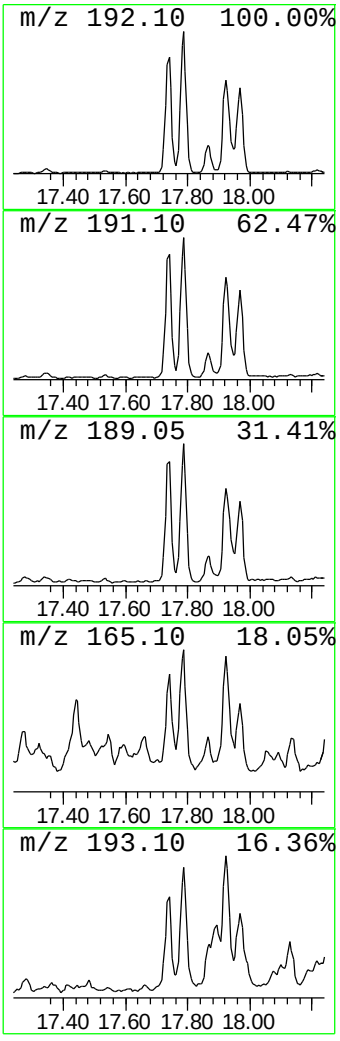
****

Peak Number 59 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	26.74 ng/ul	2641130	Phenanthrene-d10	16.86

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

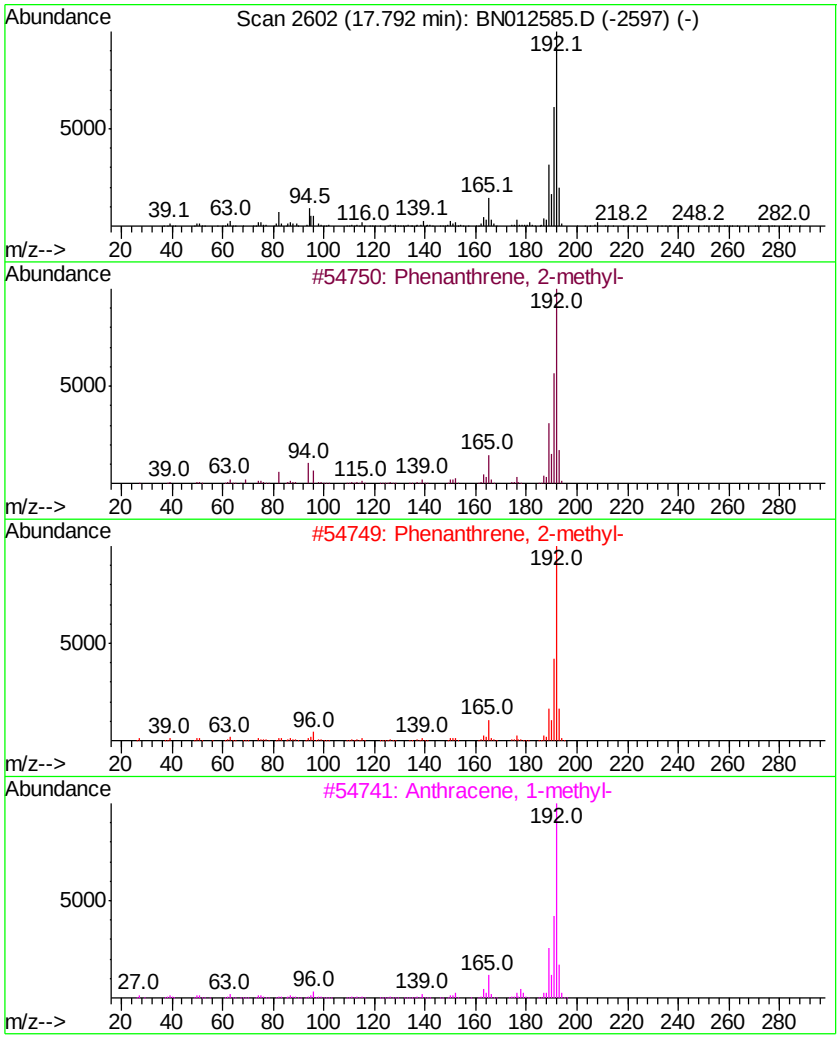
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

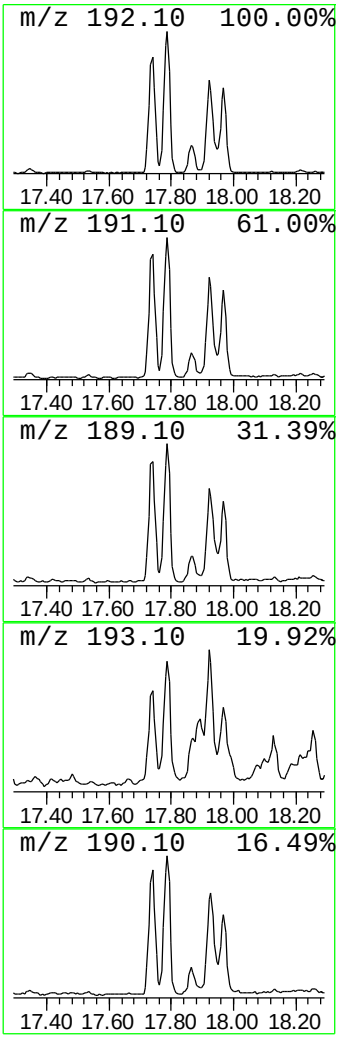
****

Peak Number 60 Anthracene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	39.60 ng/ul	3910820	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

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

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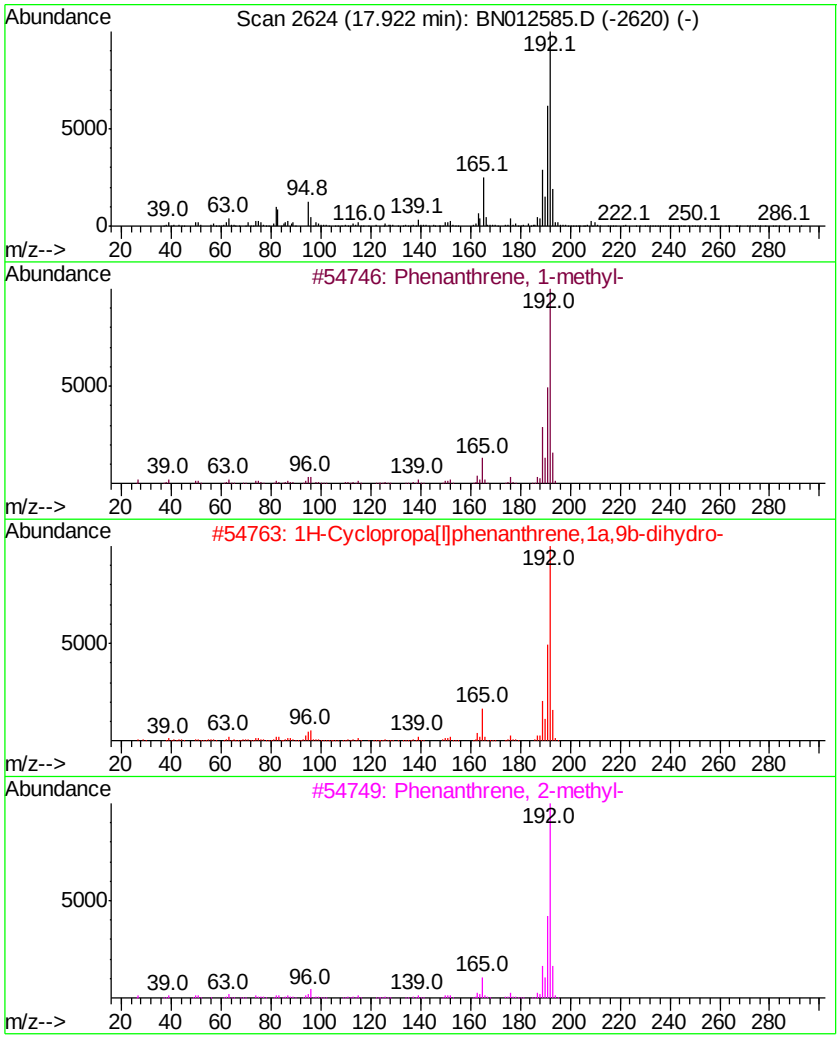
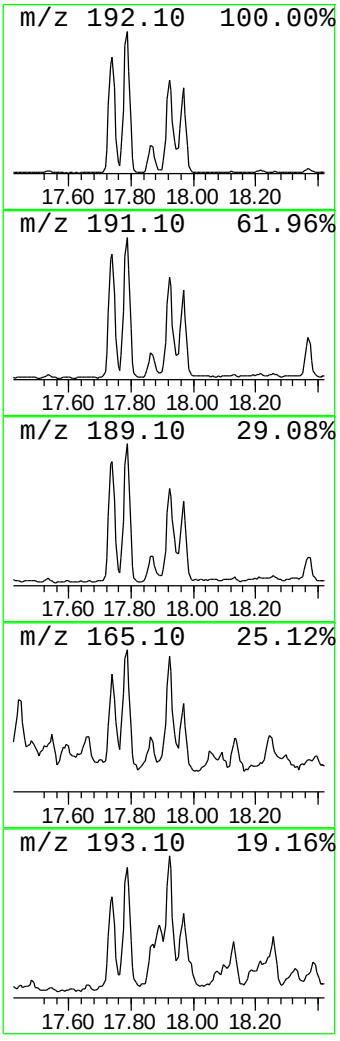
Peak Number 62 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	33.57 ng/ul	3314800	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	93
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

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

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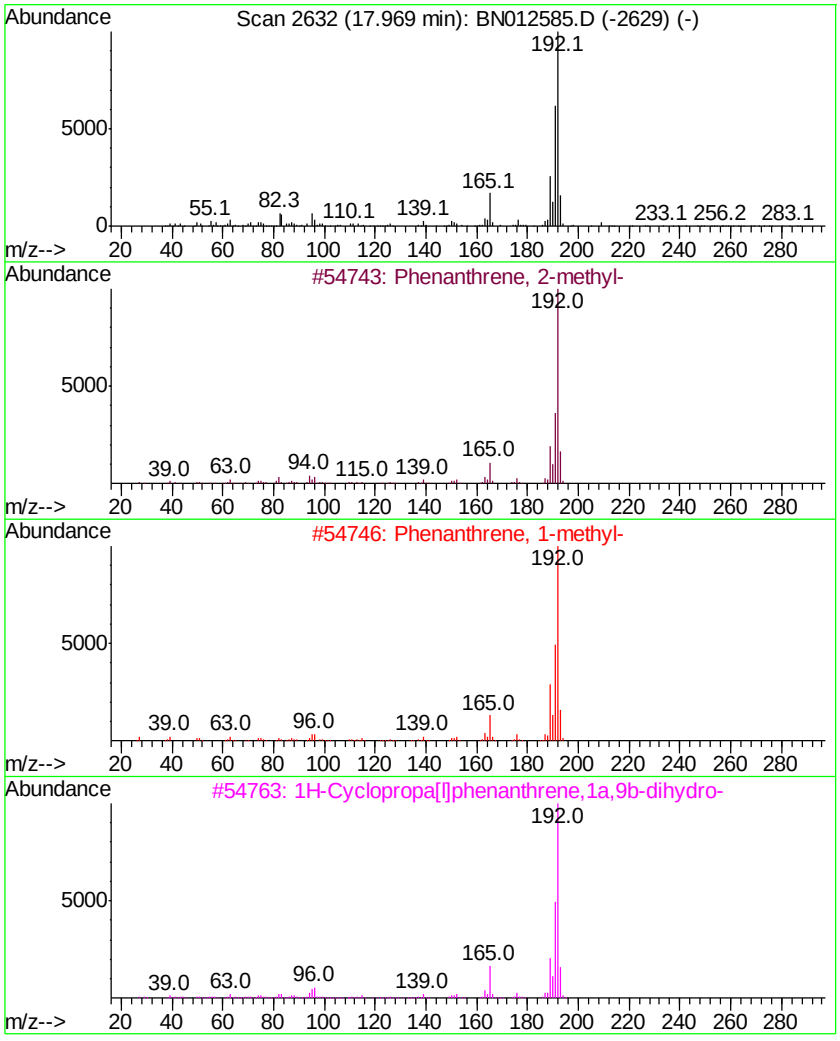
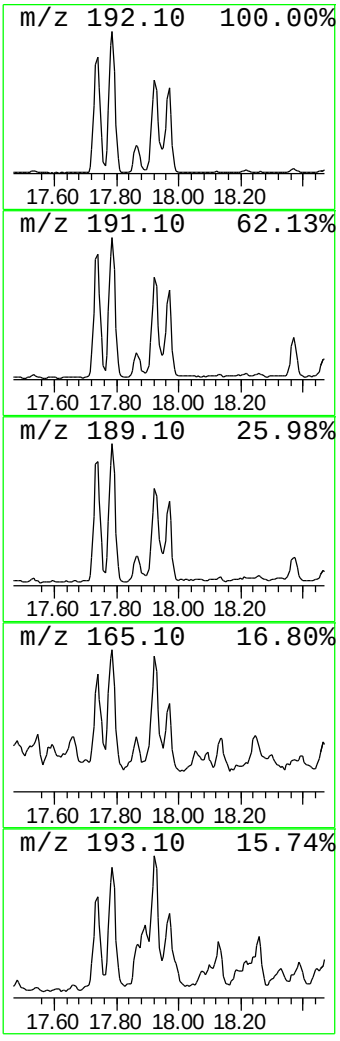
Peak Number 63 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	20.51 ng/ul	2025400	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

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

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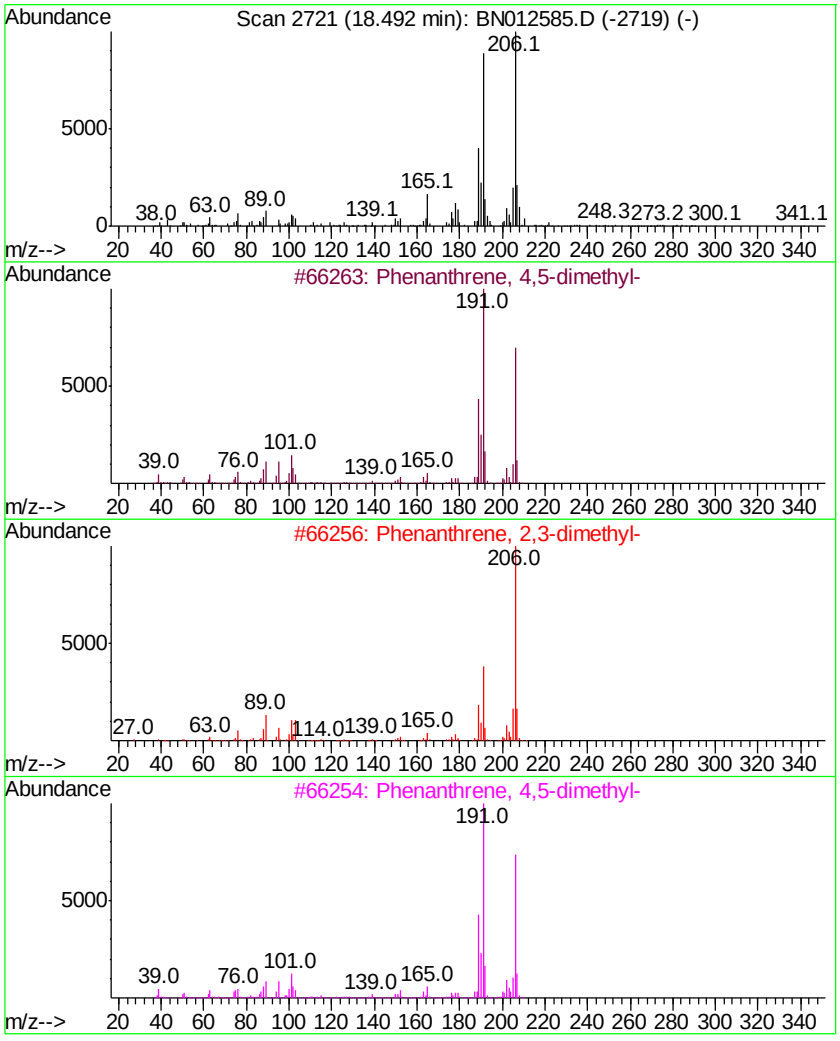
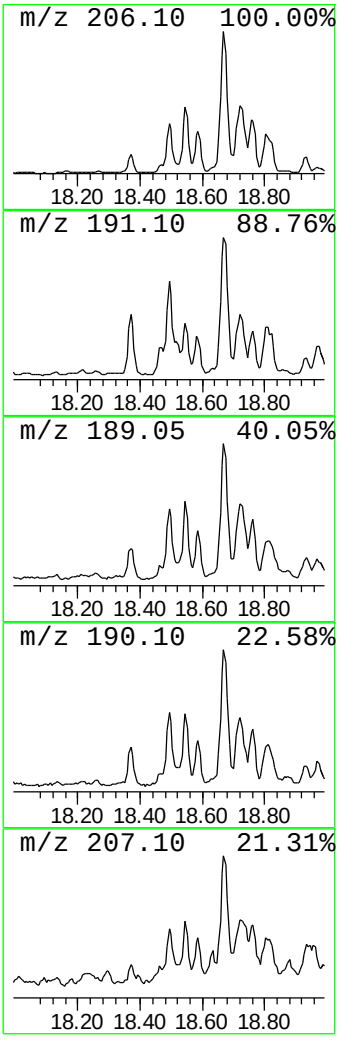
Peak Number 69 Phenanthrene, 4,5-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	14.14 ng/ul	1396070	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

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

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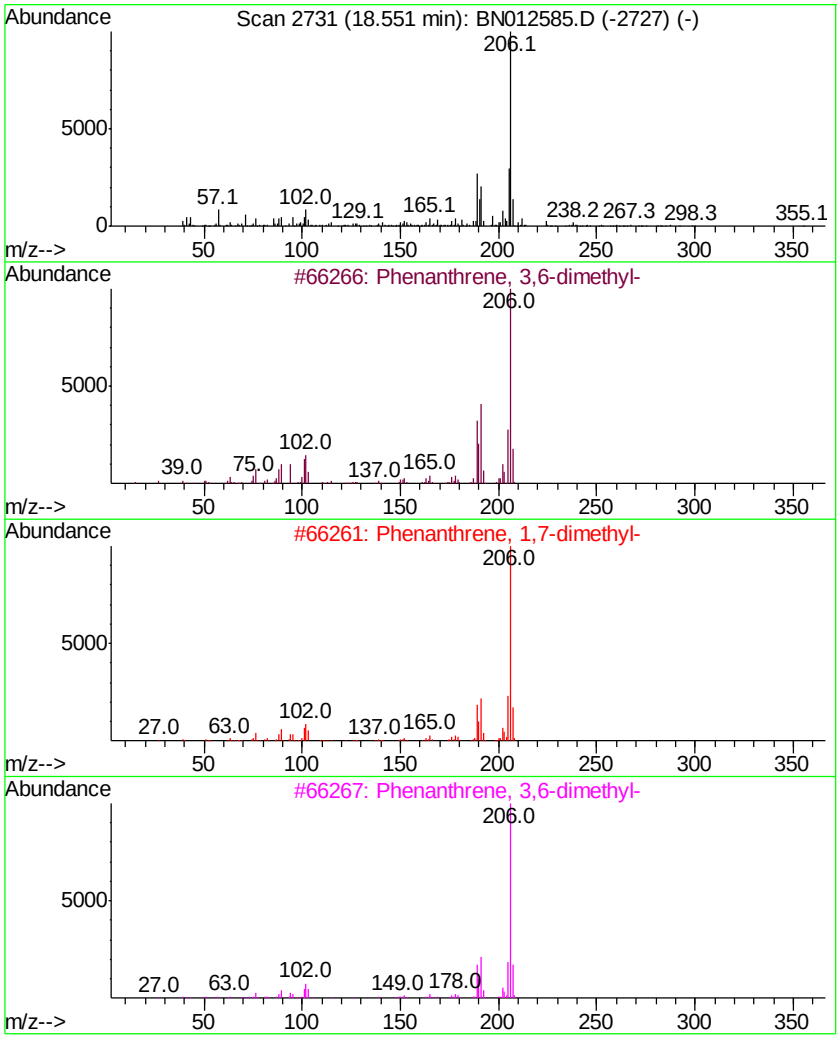
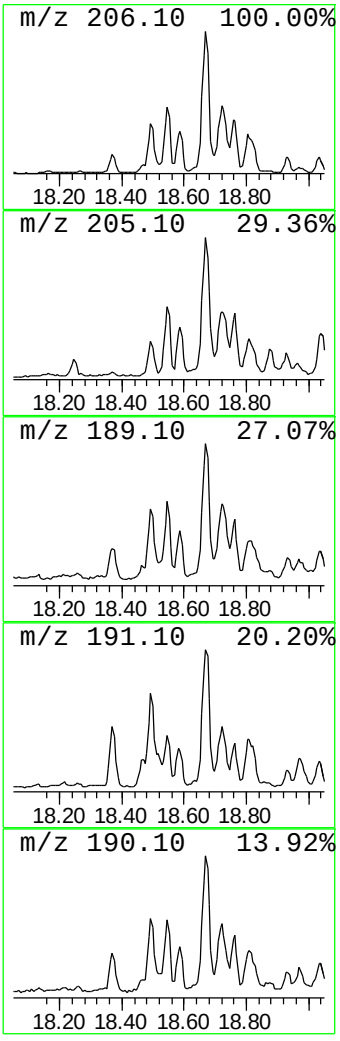
Peak Number 70 di-p-Tolylacetylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	16.35 ng/ul	1614460	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

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

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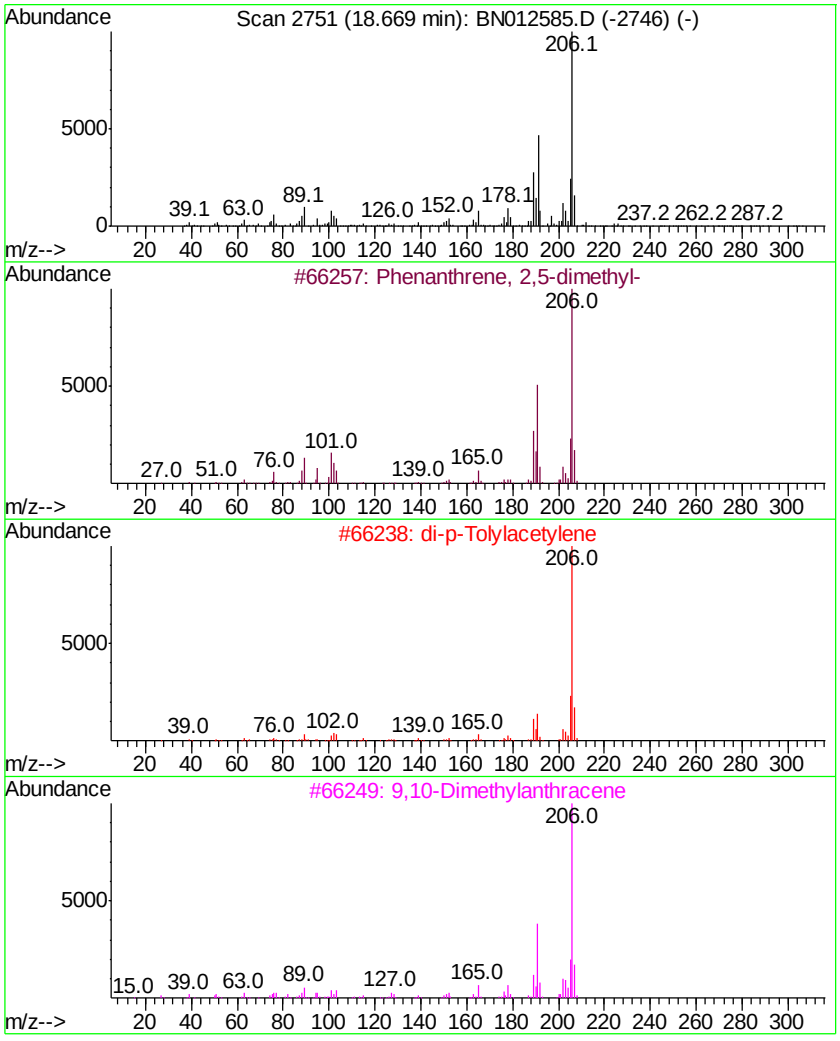
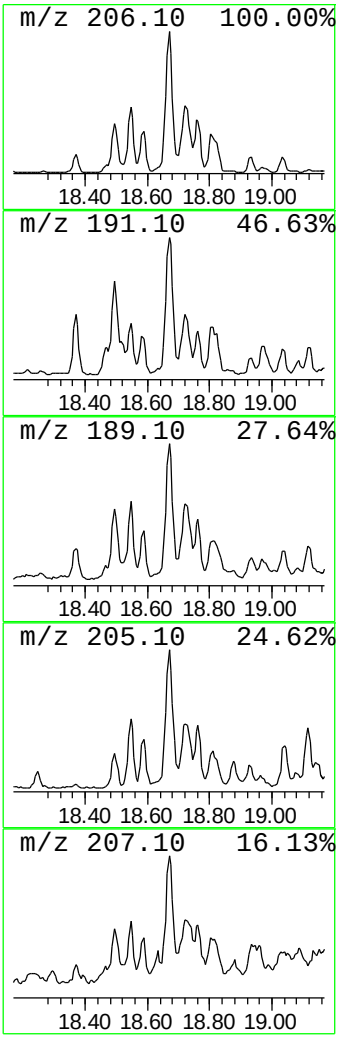
Peak Number 72 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	34.07 ng/ul	3364540	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

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

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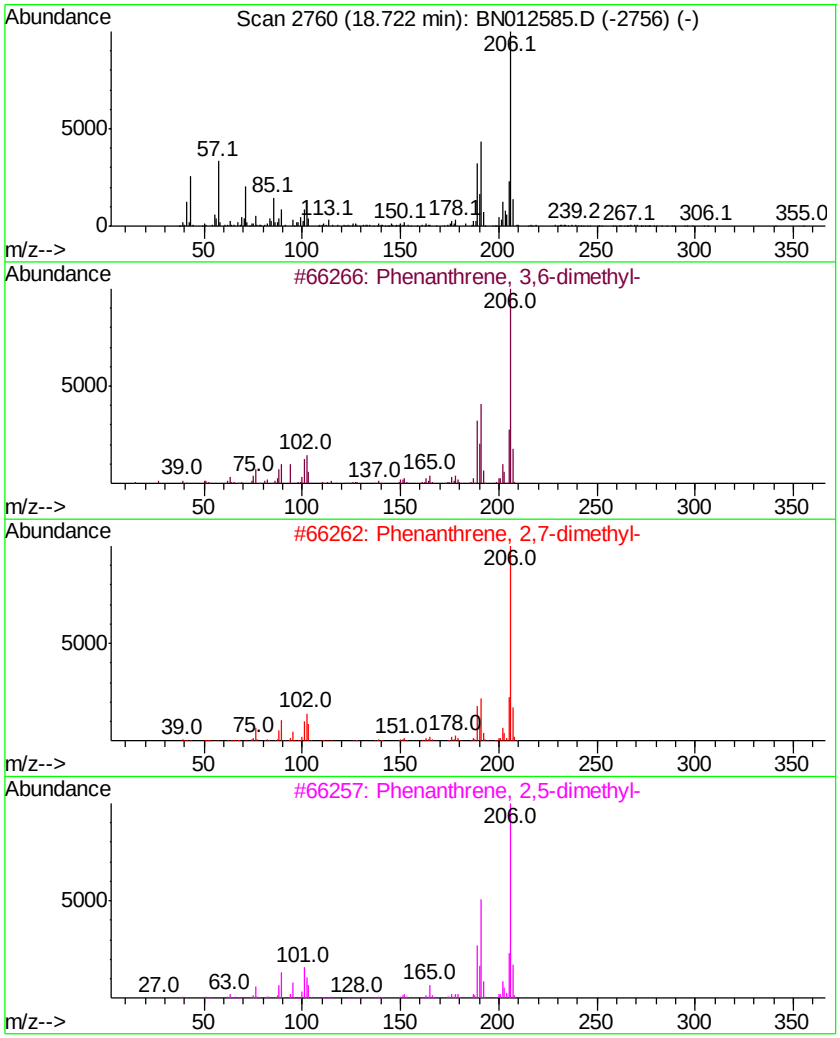
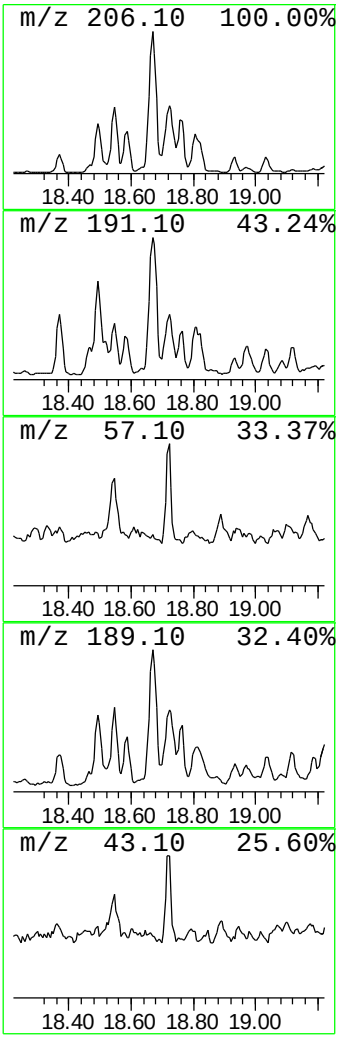
Peak Number 73 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	18.91 ng/ul	1867360	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	92
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111720\
Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

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

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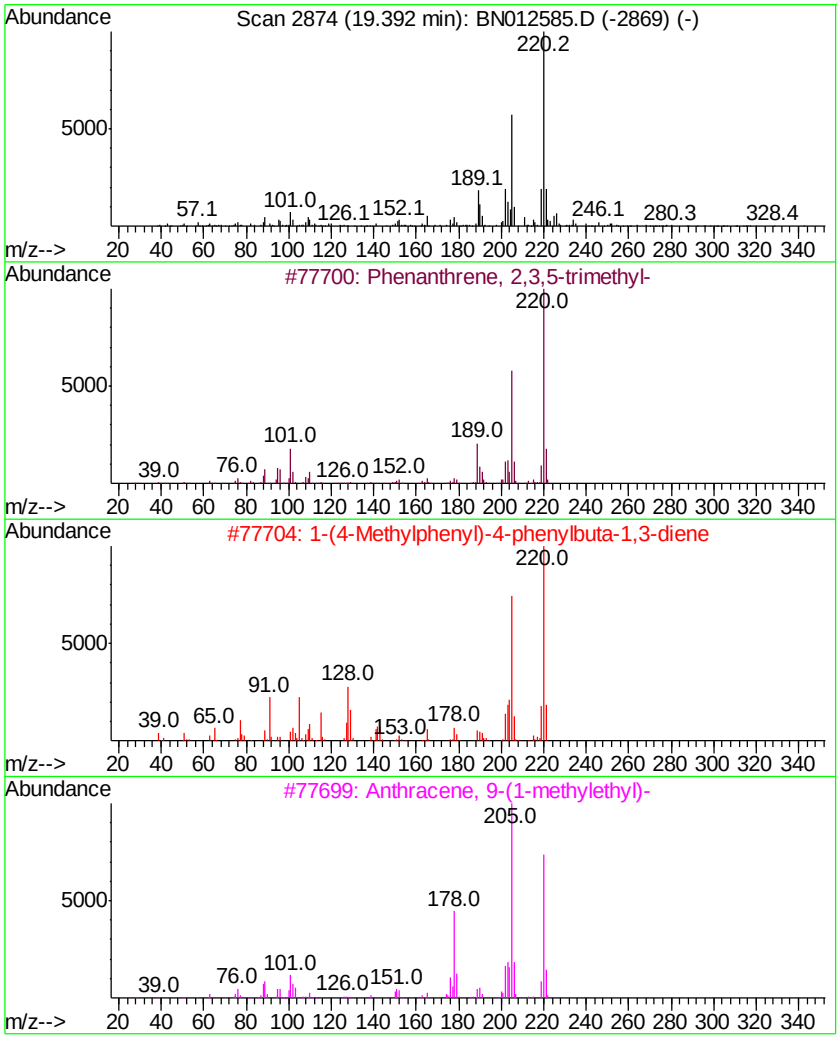
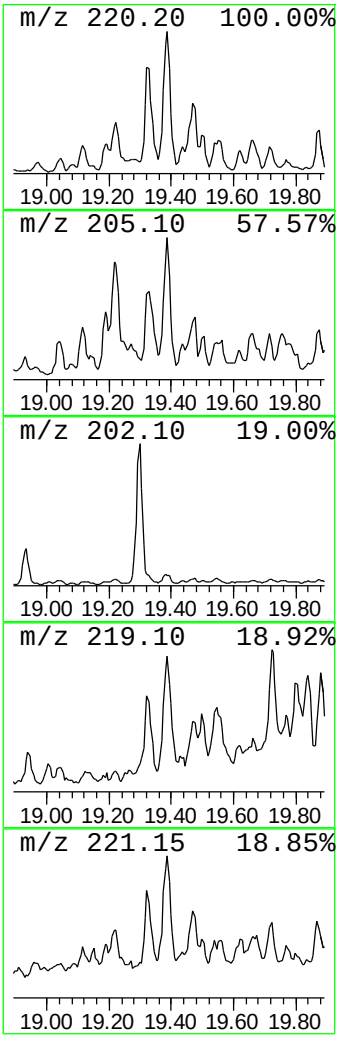
Peak Number 77 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	14.73 ng/ul	1684000	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	94
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	91
3	Anthracene, 9-(1-methylethyl)-	220	C17H16	001498-80-2	74
4	9-Ethyl-10-methylanthracene	220	C17H16	019713-49-6	64
5	Chrom-6-ol-4-one, 2,3-dihydroxy-...	220	C13H16O3	084945-26-6	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111720\
Data File : BN012585.D
Acq On : 17 Nov 2020 13:30
Operator : CG/JU
Sample : L4762-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.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: Str...	11.51	5.3	ng/ul	538124	2	10.22	2017890	20.0
Naphthalene, 1-me...	12.12	21.5	ng/ul	2169030	2	10.22	2017890	20.0
(DEL) Alkane: Str...	12.65	9.2	ng/ul	1420470	3	14.11	3078950	20.0
Naphthalene, 1,6-...	13.27	17.0	ng/ul	2623160	3	14.11	3078950	20.0
Naphthalene, 2,3-...	13.43	39.6	ng/ul	6093550	3	14.11	3078950	20.0
(DEL) Alkane: Str...	13.61	3.7	ng/ul	573376	3	14.11	3078950	20.0
Naphthalene, 1,3-...	13.66	15.7	ng/ul	2423370	3	14.11	3078950	20.0
Naphthalene, 2-(1...	14.33	25.7	ng/ul	3958330	3	14.11	3078950	20.0
Naphthalene, 1,6,...	14.52	31.1	ng/ul	4789100	3	14.11	3078950	20.0
Naphthalene, 1,4,...	14.60	25.8	ng/ul	3968540	3	14.11	3078950	20.0
unknown-01	14.74	24.2	ng/ul	3722730	3	14.11	3078950	20.0
Naphthalene, 2,3,...	14.79	16.9	ng/ul	2604240	3	14.11	3078950	20.0
Naphthalene, 1,4,...	14.91	21.1	ng/ul	3247940	3	14.11	3078950	20.0
Naphthalene, 2-me...	15.22	11.8	ng/ul	1814940	3	14.11	3078950	20.0
1-Isopropenylnaph...	15.29	12.2	ng/ul	1875220	3	14.11	3078950	20.0
Naphthalene, 1-me...	15.39	18.9	ng/ul	2916290	3	14.11	3078950	20.0
1,4,5,8-Tetrameth...	15.49	12.5	ng/ul	1234470	4	16.86	1975100	20.0
Naphthalene, 1-(1...	15.69	16.3	ng/ul	1604720	4	16.86	1975100	20.0
Ethyl 5-chloro-2-...	15.85	23.6	ng/ul	2328160	4	16.86	1975100	20.0
Chamazulene	15.98	16.1	ng/ul	1587600	4	16.86	1975100	20.0
Naphthalene, 1,2,...	16.17	14.9	ng/ul	1473910	4	16.86	1975100	20.0
9H-Fluorene, 2-me...	16.23	23.3	ng/ul	2296130	4	16.86	1975100	20.0
(DEL) Alkane: Str...	16.65	9.4	ng/ul	926864	4	16.86	1975100	20.0
(DEL) Alkane: Str...	16.70	34.8	ng/ul	3434740	4	16.86	1975100	20.0
1-Methyldibenzoth...	17.44	11.4	ng/ul	1128990	4	16.86	1975100	20.0
1H-Cyclopropa[l]p...	17.74	26.7	ng/ul	2641130	4	16.86	1975100	20.0
Anthracene, 1-met...	17.79	39.6	ng/ul	3910820	4	16.86	1975100	20.0
Phenanthrene, 1-m...	17.92	33.6	ng/ul	3314800	4	16.86	1975100	20.0
Phenanthrene, 2-m...	17.97	20.5	ng/ul	2025400	4	16.86	1975100	20.0
Phenanthrene, 4,5...	18.49	14.1	ng/ul	1396070	4	16.86	1975100	20.0
di-p-Tolylacetylene	18.55	16.4	ng/ul	1614460	4	16.86	1975100	20.0
Phenanthrene, 2,5...	18.67	34.1	ng/ul	3364540	4	16.86	1975100	20.0
Phenanthrene, 3,6...	18.72	18.9	ng/ul	1867360	4	16.86	1975100	20.0
Phenanthrene, 2,3...	19.39	14.7	ng/ul	1684000	5	21.07	2285860	20.0