LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

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_P\METHODS\SOM-EPA-BP121020MA.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	6.993	640	647	655	rVV2	767655	1509803	8.49%	0.298%
2	7.364	700	710	716	rBV	601864	1055090	5.94%	0.208%
3	7.834	782	790	796	rVV	1234330	1986896	11.18%	0.392%
4	8.528	903	908	915	rVB	742301	1211135	6.81%	0.239%
5	8.940	967	978	982	rBV2	682902	1556331	8.76%	0.307%
6	9.193	1016	1021	1028	rVB2	424598	895219	5.04%	0.177%
7	9.522	1072	1077	1080	rBV	667430	1182817	6.66%	0.234%
8	9.558	1080	1083	1093	rVB2	654888	1035413	5.83%	0.205%
9	9.710	1100	1109	1115	rBV4	552107	1250423	7.04%	0.247%
10	9.816	1122	1127	1135	rVV4	985528	2220853	12.50%	0.439%
11	10.034	1158	1164	1169	rVB4	776812	1352015	7.61%	0.267%
12	10.099	1170	1175	1184	rVB2	530986	1037691	5.84%	0.205%
13	10.246	1196	1200	1210	rVB3	913082	1882570	10.59%	0.372%
14	10.340	1210	1216	1219	rBV2	539436	982515	5.53%	0.194%
15	10.522	1240	1247	1254	rBV8	367399	1314332	7.40%	0.260%
16	10.622	1255	1264	1270	rVV2	2421541	6631569	37.31%	1.310%
17	10.681	1270	1274	1282	rVV5	1368181	3501228	19.70%	0.692%
18	10.752	1282	1286	1292	rVB2	1016687	1966533	11.06%	0.388%
19	10.852	1298	1303	1308	rBV	660843	1017547	5.73%	0.201%
20	11.052	1332	1337	1341	rBV4	661900	1121806	6.31%	0.222%
21	11.128	1347	1350	1356	rVB	1044712	1583737	8.91%	0.313%
22	11.328	1375	1384	1392	rVB9	771503	3041968	17.12%	0.601%
23	11.410	1393	1398	1404	rBV	668956	1448952	8.15%	0.286%
24	11.552	1417	1422	1430	rVB2	1296419	2617613	14.73%	0.517%
25	11.693	1438	1446	1450	rBV5	1398075	3764722	21.18%	0.744%
26	11.746	1451	1455	1460	rVB	1440997	2549216	14.34%	0.503%
27	11.828	1465	1469	1476	rVB3	1499067	2325454	13.08%	0.459%
28	11.928	1483	1486	1490	rVB2	885236	1212776	6.82%	0.240%
29	12.057	1504	1508	1512	rVV2	732887	1467140	8.25%	0.290%
30	12.269	1540	1544	1545	rBV	759872	1057917	5.95%	0.209%
31	12.293	1545	1548	1557	rVB	3619320	6099403	34.32%	1.205%
32	12.399	1558	1566	1569	rBV4	1101801	3013007	16.95%	0.595%
33	12.469	1575	1578	1580	rBV4	665133	885713	4.98%	0.175%
34	12.510	1580	1585	1589	rVV3	2515230	4786426	26.93%	0.945%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

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_P\METHODS\SOM-EPA-BP121020MA.M
Title : SVOA CALIBRATION

35	12.551	1589	1592	1596	rVB3	1337489	1989727	11.20%	0.393%
36	12.693	1612	1616	1620	rBV5	842203	1425499	8.02%	0.282%
37	13.028	1670	1673	1677	rVB2	1448456	1914517	10.77%	0.378%
38	13.146	1689	1693	1698	rBV4	1072367	1947211	10.96%	0.385%
39	13.304	1716	1720	1725	rVB4	1796374	3281748	18.46%	0.648%
40	13.416	1734	1739	1744	rVB2	2923971	5029606	28.30%	0.993%
41	13.510	1752	1755	1757	rBV	1082256	1254424	7.06%	0.248%
42	13.646	1772	1778	1786	rBV2	4264307	11687994	65.76%	2.308%
43	13.757	1794	1797	1799	rBV3	844890	1096275	6.17%	0.217%
44	13.804	1799	1805	1810	rVV	7849111	13713822	77.16%	2.709%
45	13.857	1810	1814	1820	rBV2	4793521	7393786	41.60%	1.460%
46	13.981	1831	1835	1838	rBV	1260579	1672068	9.41%	0.330%
47	14.040	1841	1845	1848	rBV	3858238	5141853	28.93%	1.016%
48	14.175	1865	1868	1871	rBV	1331178	1993463	11.22%	0.394%
49	14.322	1890	1893	1900	rVB4	1730646	3107546	17.48%	0.614%
50	14.393	1902	1905	1909	rVB3	1187495	1608136	9.05%	0.318%
51	14.481	1918	1920	1925	rVB	3366774	4445421	25.01%	0.878%
52	14.575	1933	1936	1939	rBV	1103577	1369699	7.71%	0.271%
53	14.616	1940	1943	1949	rVB	2058303	2874989	16.18%	0.568%
54	14.710	1952	1959	1966	rVB2	3773312	10817829	60.87%	2.137%
55	14.781	1967	1971	1976	rBV3	2239948	3209839	18.06%	0.634%
56	14.887	1982	1989	1996	rVV	8482638	16344269	91.96%	3.228%
57	14.963	1996	2002	2008	rVB	9686163	15282459	85.99%	3.018%
58	15.022	2009	2012	2019	rVB6	1508872	2451615	13.79%	0.484%
59	15.110	2021	2027	2031	rBV	8801660	15386916	86.58%	3.039%
60	15.157	2031	2035	2040	rVB	6408322	9344928	52.58%	1.846%
61	15.281	2049	2056	2059	rBV2	5108426	11188535	62.95%	2.210%
62	15.310	2059	2061	2065	rVB	4112861	4859076	27.34%	0.960%
63	15.351	2066	2068	2071	rVB2	1225795	1239151	6.97%	0.245%
64	15.445	2080	2084	2088	rBV3	2661006	3894312	21.91%	0.769%
65	15.528	2096	2098	2103	rVB2	3520441	4657096	26.20%	0.920%
66	15.587	2103	2108	2112	rBV3	2895580	5752623	32.37%	1.136%
67	15.657	2117	2120	2124	rVB2	3530660	5345381	30.08%	1.056%
68	15.757	2133	2137	2144	rVB2	6283667	10185587	57.31%	2.012%
69	15.822	2144	2148	2151	rBV3	2192606	4388233	24.69%	0.867%
70	15.916	2160	2164	2167	rBV3	2335115	4012233	22.58%	0.792%
71	15.992	2174	2177	2183	rVB2	3313368	5480365	30.84%	1.082%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

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_P\METHODS\SOM-EPA-BP121020MA.M
Title : SVOA CALIBRATION

72	16.057	2184	2188	2192	rBV2	3372843	4846821	27.27%	0.957%
73	16.169	2200	2207	2211	rBV5	2460867	6682640	37.60%	1.320%
74	16.222	2211	2216	2219	rBV	8880006	15168780	85.35%	2.996%
75	16.357	2235	2239	2243	rBV	6528287	9262609	52.12%	1.829%
76	16.398	2243	2246	2248	rBV	1747522	1938237	10.91%	0.383%
77	16.475	2255	2259	2261	rBV2	2311697	3685237	20.74%	0.728%
78	16.604	2277	2281	2286	rVB3	4909228	7194991	40.48%	1.421%
79	16.651	2286	2289	2291	rBV2	2152990	2455400	13.82%	0.485%
80	16.904	2328	2332	2337	rBV4	3072779	5380489	30.27%	1.063%
81	17.016	2349	2351	2355	rVV3	2201088	2495680	14.04%	0.493%
82	17.069	2356	2360	2368	rVB4	6952484	14308102	80.51%	2.826%
83	17.287	2394	2397	2401	rVB	6714406	8453608	47.56%	1.670%
84	17.669	2457	2462	2470	rBV6	2638409	8578859	48.27%	1.694%
85	17.828	2486	2489	2493	rVB	4256736	4990536	28.08%	0.986%
86	18.122	2535	2539	2542	rBV	7620272	10811446	60.83%	2.135%
87	18.163	2542	2546	2554	rVB2	10804680	17705645	99.62%	3.497%
88	18.298	2565	2569	2573	rBV	8021951	12005720	67.55%	2.371%
89	18.345	2574	2577	2582	rVB	6405605	8378612	47.14%	1.655%
90	18.428	2588	2591	2599	rVB3	3424582	5788813	32.57%	1.143%
91	18.504	2600	2604	2608	rVB2	4175295	5702054	32.08%	1.126%
92	18.816	2654	2657	2659	rBV	3075079	4199001	23.63%	0.829%
93	18.839	2659	2661	2665	rVV2	4145579	4589211	25.82%	0.906%
94	18.892	2668	2670	2673	rVB	3661333	3527574	19.85%	0.697%
95	19.010	2686	2690	2694	rBV	11272162	17221989	96.90%	3.401%
96	19.098	2703	2705	2709	rVB2	4425065	4831513	27.18%	0.954%
97	19.263	2730	2733	2736	rBV	4266047	5453783	30.69%	1.077%
98	19.616	2790	2793	2802	rVB2	9405766	17772894	100.00%	3.510%
99	19.698	2803	2807	2811	rVB	6943671	10238740	57.61%	2.022%
100	20.392	2923	2925	2929	rBV	4580686	5288542	29.76%	1.045%

Sum of corrected areas: 506311587

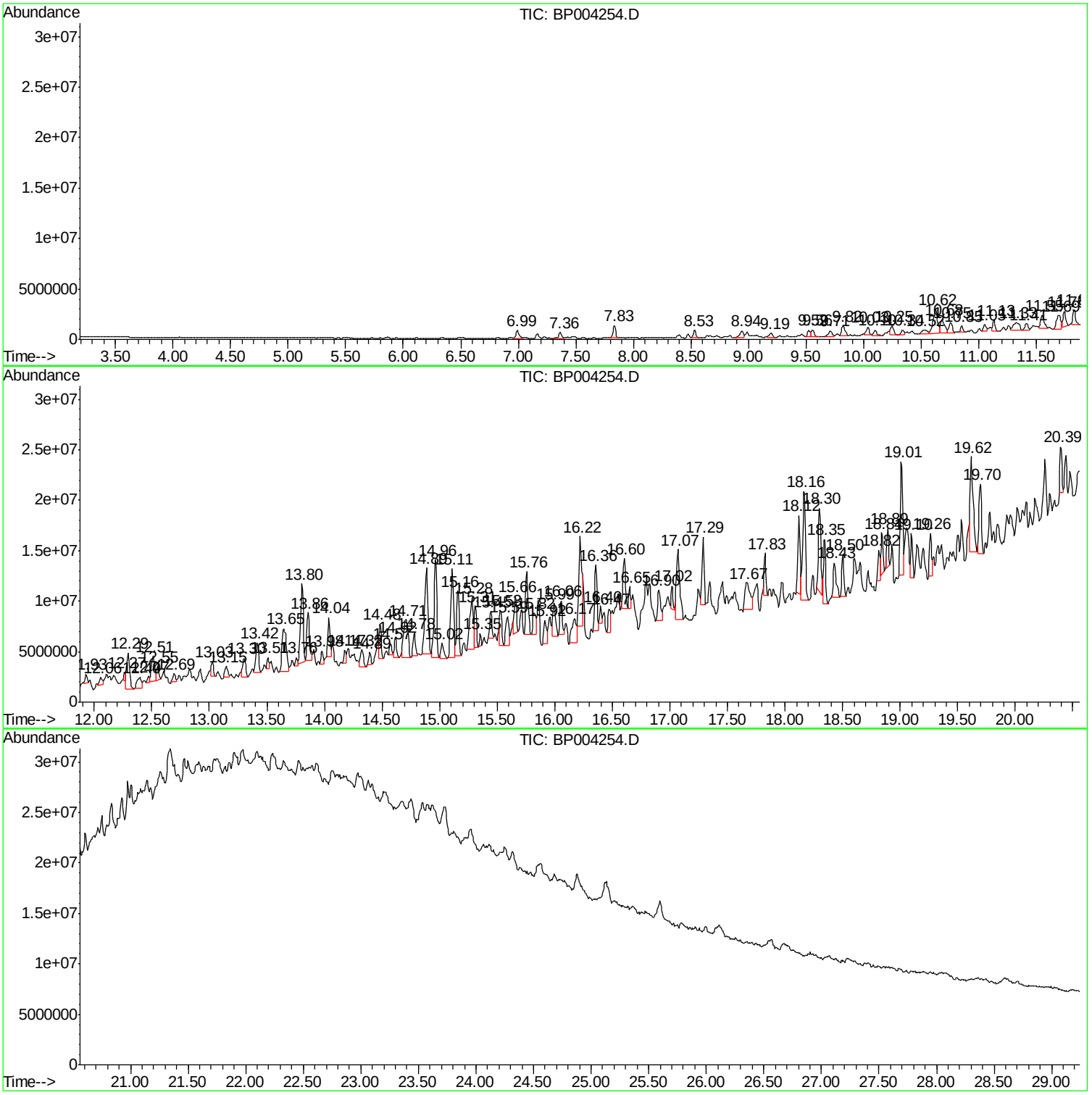
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.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 P\DATA\BP121320\
Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

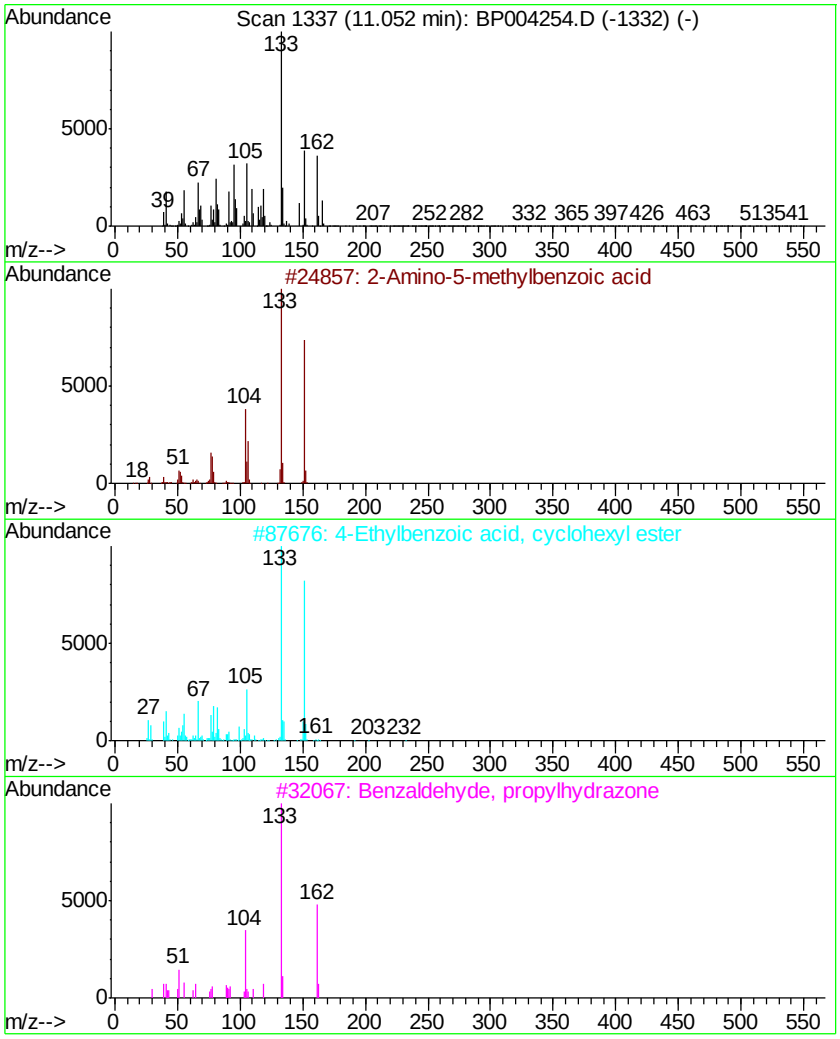
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

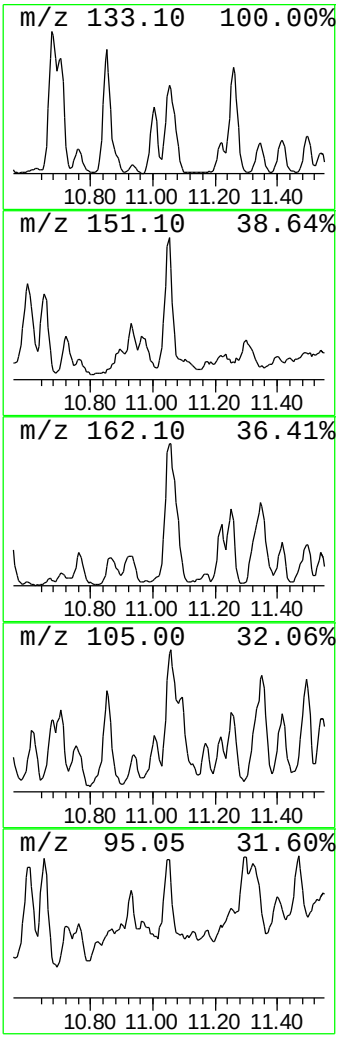
****

Peak Number 8 unknown-01 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	3.38 ng/ul	1121810	Naphthalene-d8	10.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-5-methylbenzoic acid	151	C8H9NO2	002941-78-8	37
2	4-Ethylbenzoic acid, cyclohexyl ...	232	C15H20O2	1000293-32-1	37
3	Benzaldehyde, propylhydrazone	162	C10H14N2	022162-27-2	35
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	35
5	Mesitylacetic acid	178	C11H14O2	004408-60-0	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

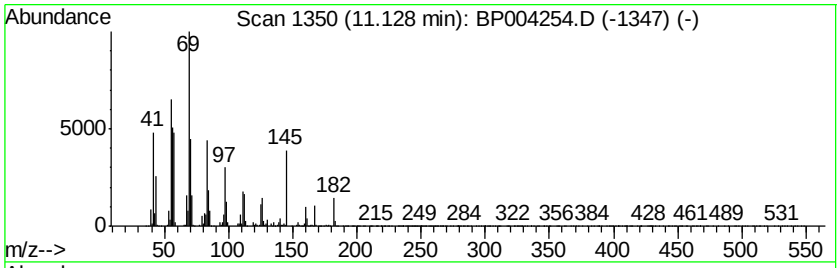
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

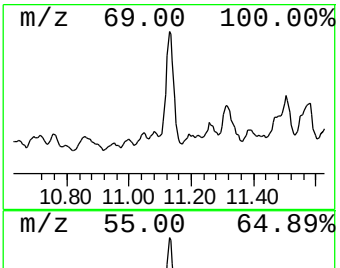
****

Peak Number 9 (DEL) Alkane: Cyclic11.13 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	4.78 ng/ul	1583740	Naphthalene-d8	10.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	90
3	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	72
4	5-Tridecene, (E)-	182	C13H26	023051-84-5	46
5	6-Tridecene	182	C13H26	024949-38-0	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

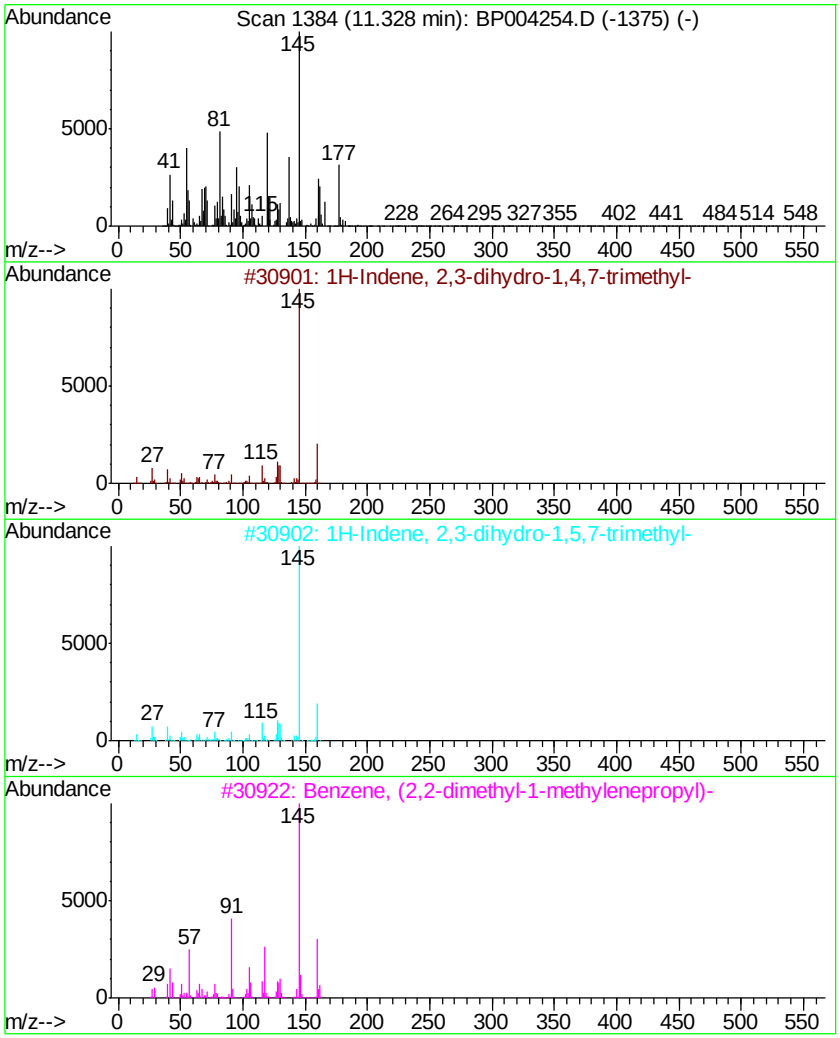
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

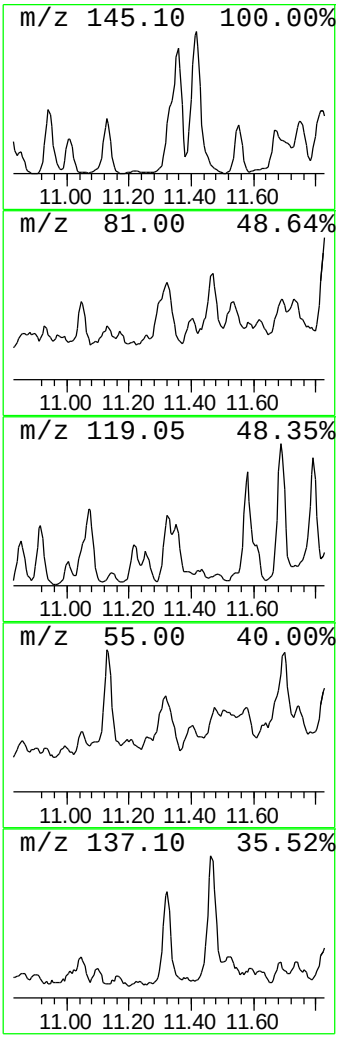
****

Peak Number 10 unknown-02 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	9.17 ng/ul	3041970	Naphthalene-d8	10.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	42
2	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	42
3	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	41
4	1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	38
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

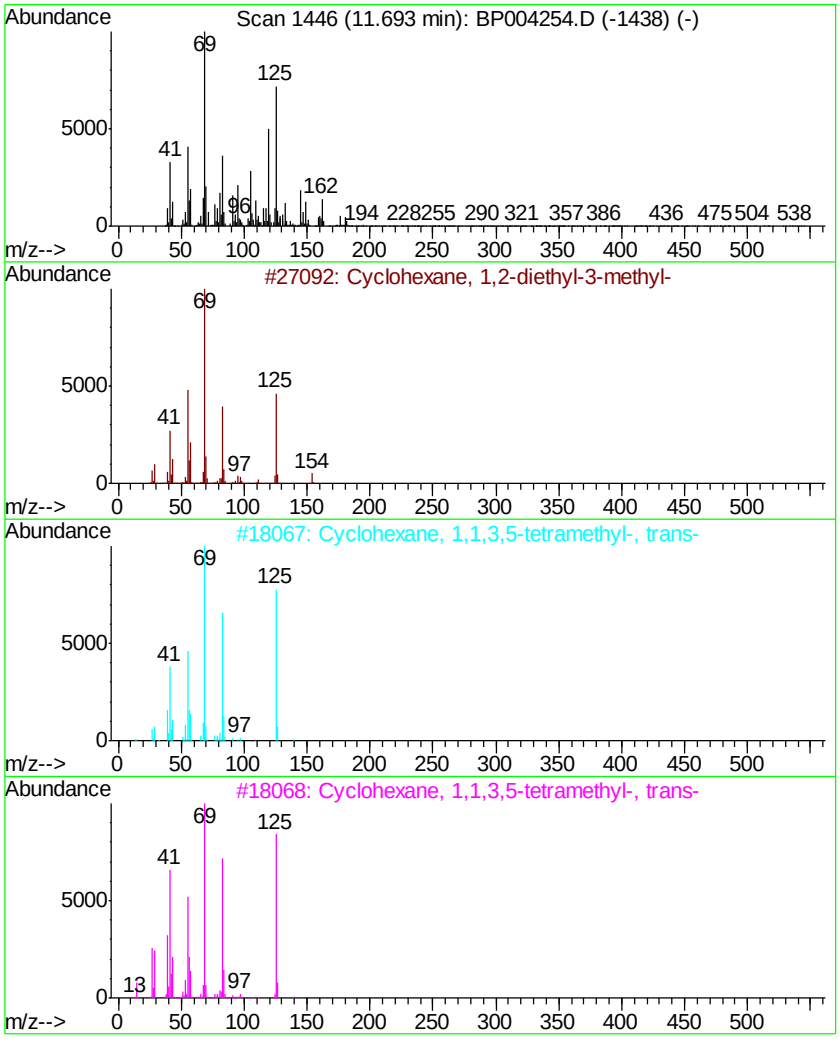
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

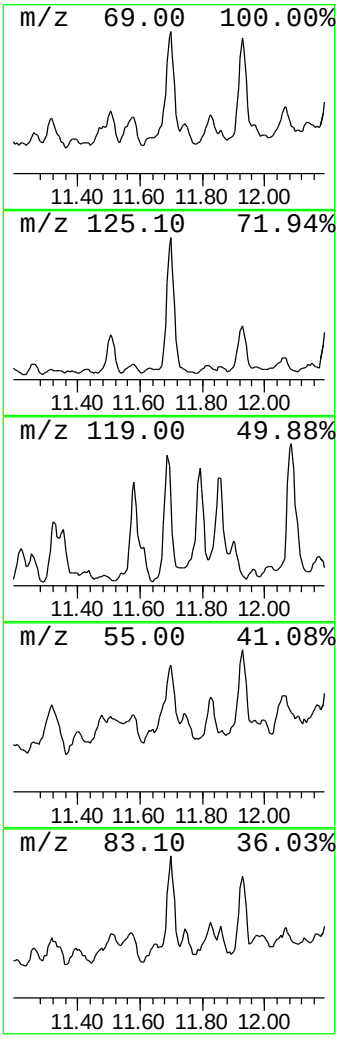
****

Peak Number 13 (DEL) Alkane: Cyclic11.69 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	11.35 ng/ul	3764720	Naphthalene-d8	10.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	38
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	38
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	38
4	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	38
5	Cyclohexane, 1,1'-(1-methylethyl...	208	C15H28	054934-90-6	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

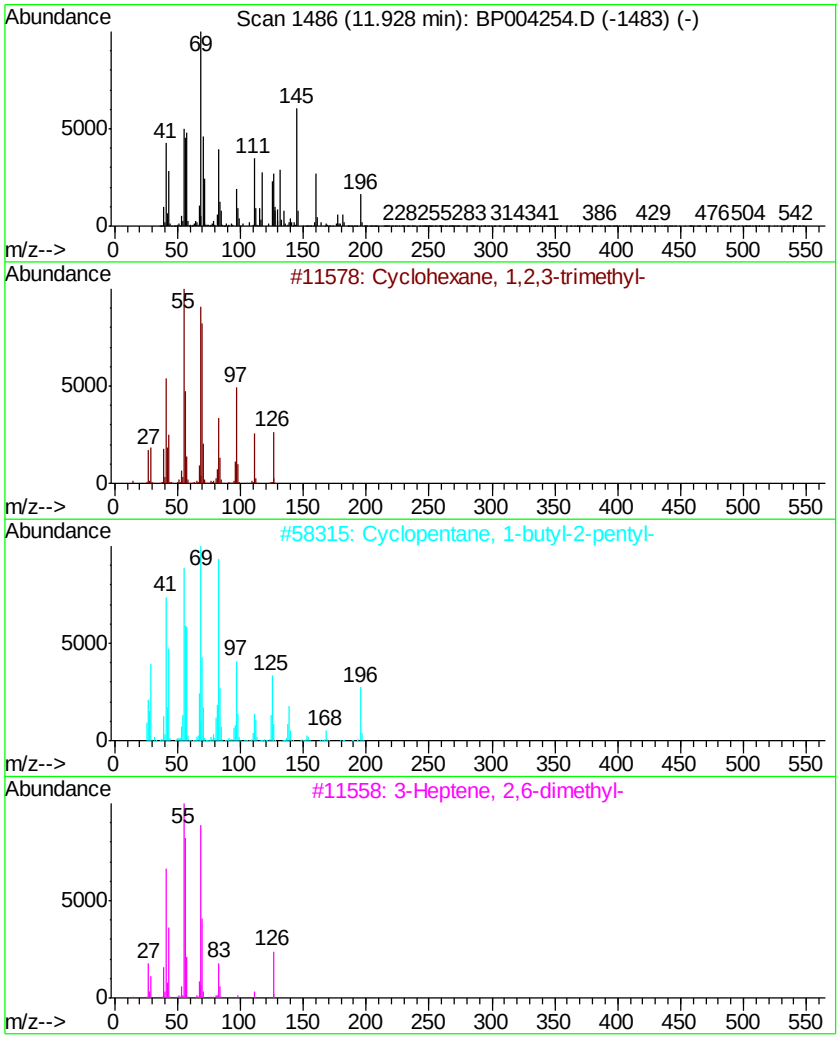
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

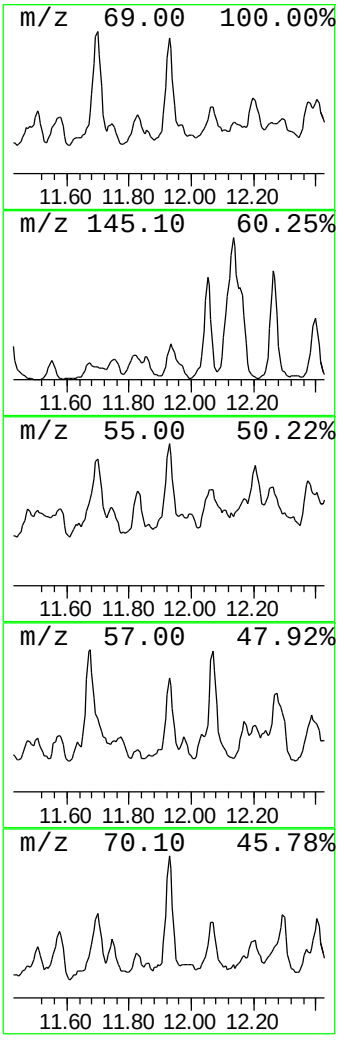
****

Peak Number 16 (DEL) Alkane: Cyclic11.93 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.66 ng/ul	1212780	Naphthalene-d8	10.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	41
2	Cyclopentane, 1-butyl-2-pentyl-	196	C14H28	061142-52-7	25
3	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	22
4	Cyclopentanecarboxylic acid, 4-n...	235	C12H13NO4	1000307-58-0	22
5	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	22





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Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

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Quant Title : SVOA CALIBRATION

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

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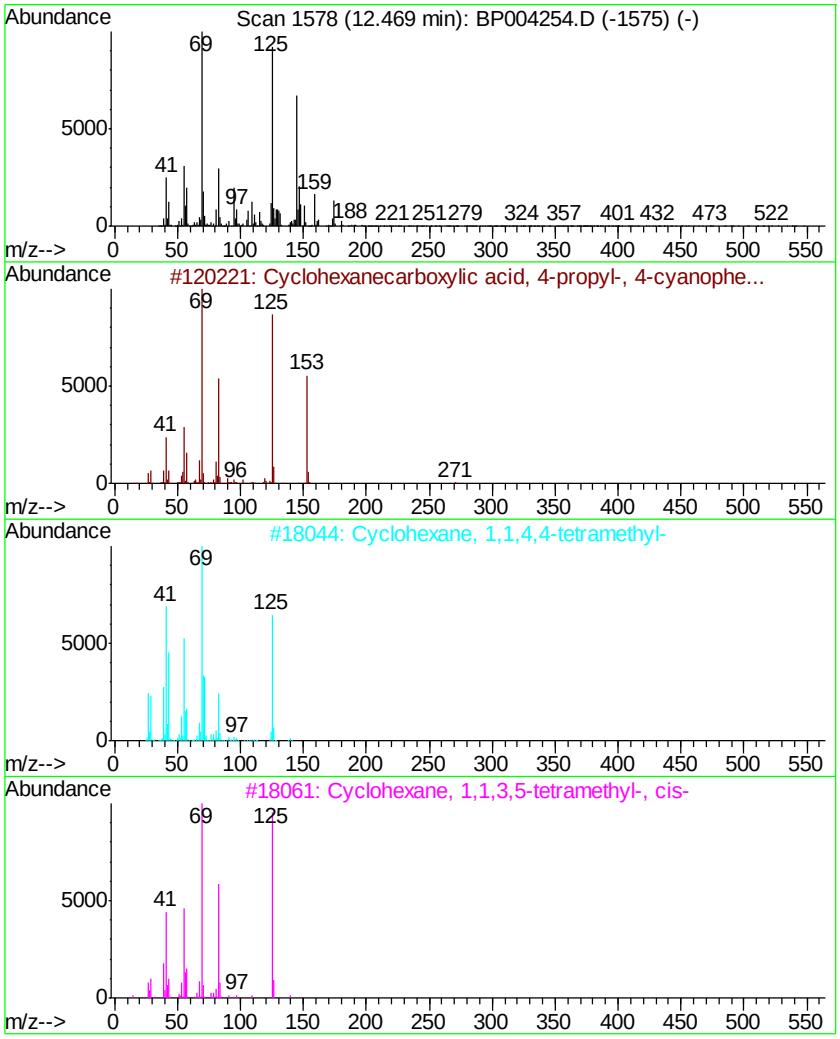
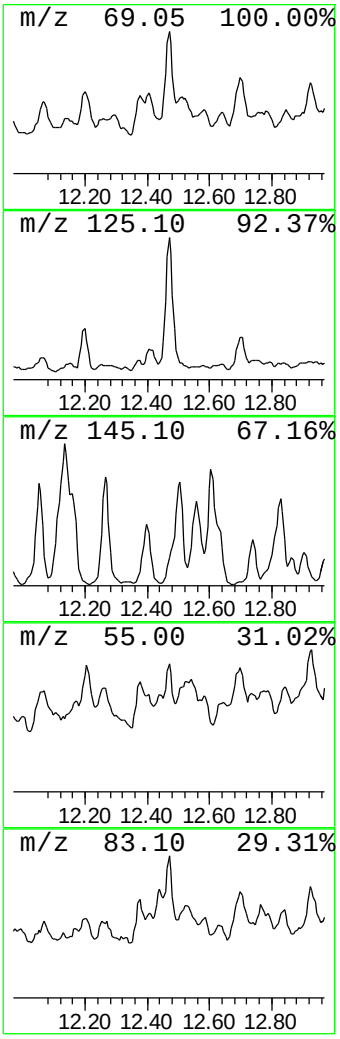
Peak Number 19 unknown-03 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.67 ng/ul	885713	Naphthalene-d8	10.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 4-pr...	271	C17H21NO2	062439-33-2	43
2	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	43
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	43
4	Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	38
5	4-Nonene, 2,3,3-trimethyl-, (Z)-	168	C12H24	063830-68-2	37





Library Search Compound Report

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Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

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Quant Title : SVOA CALIBRATION

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

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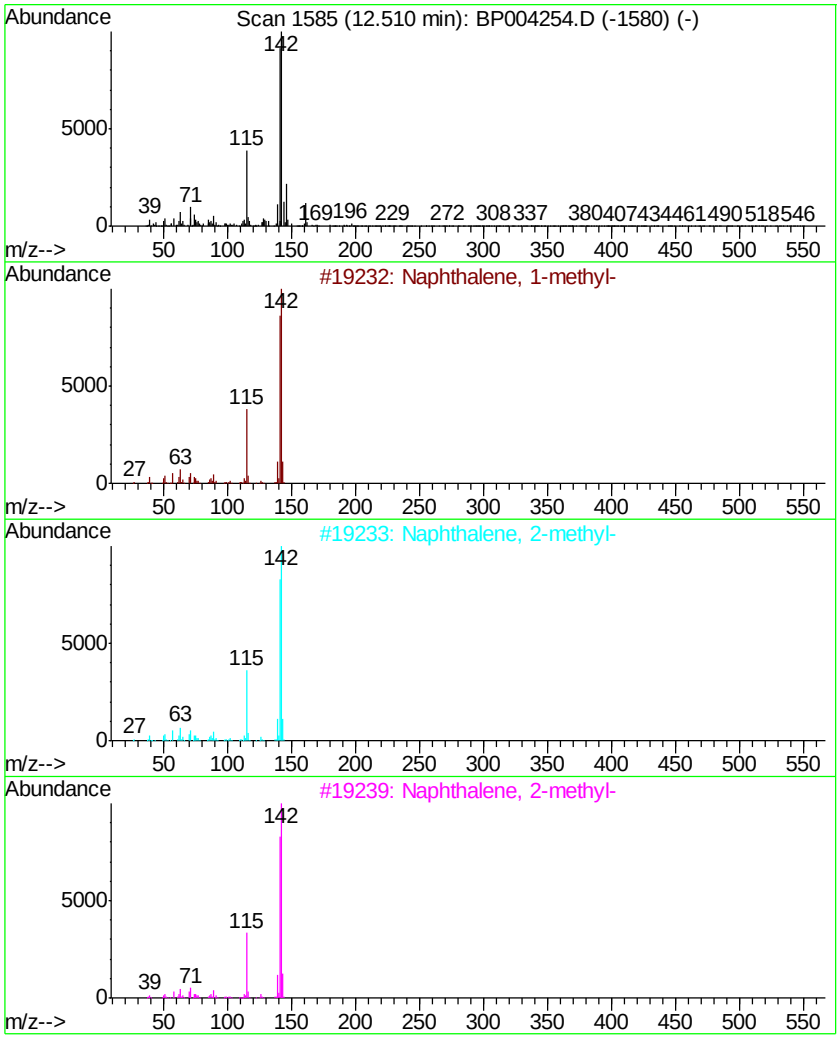
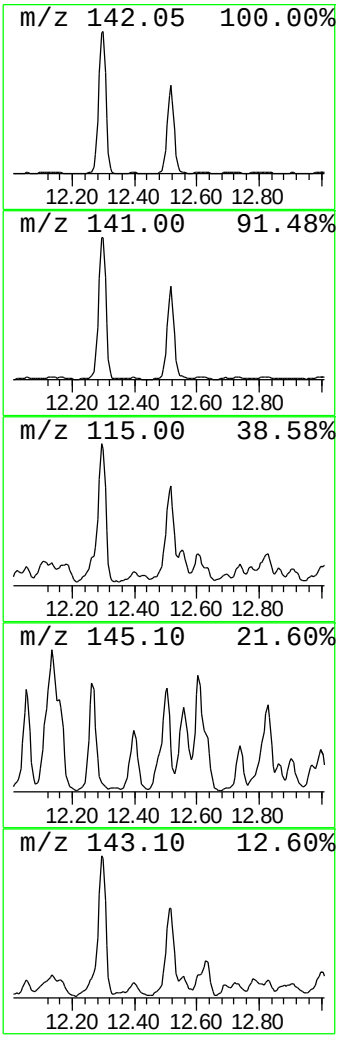
Peak Number 20 Naphthalene, 1-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	14.44 ng/ul	4786430	Naphthalene-d8	10.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	89





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Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

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Quant Title : SVOA CALIBRATION

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

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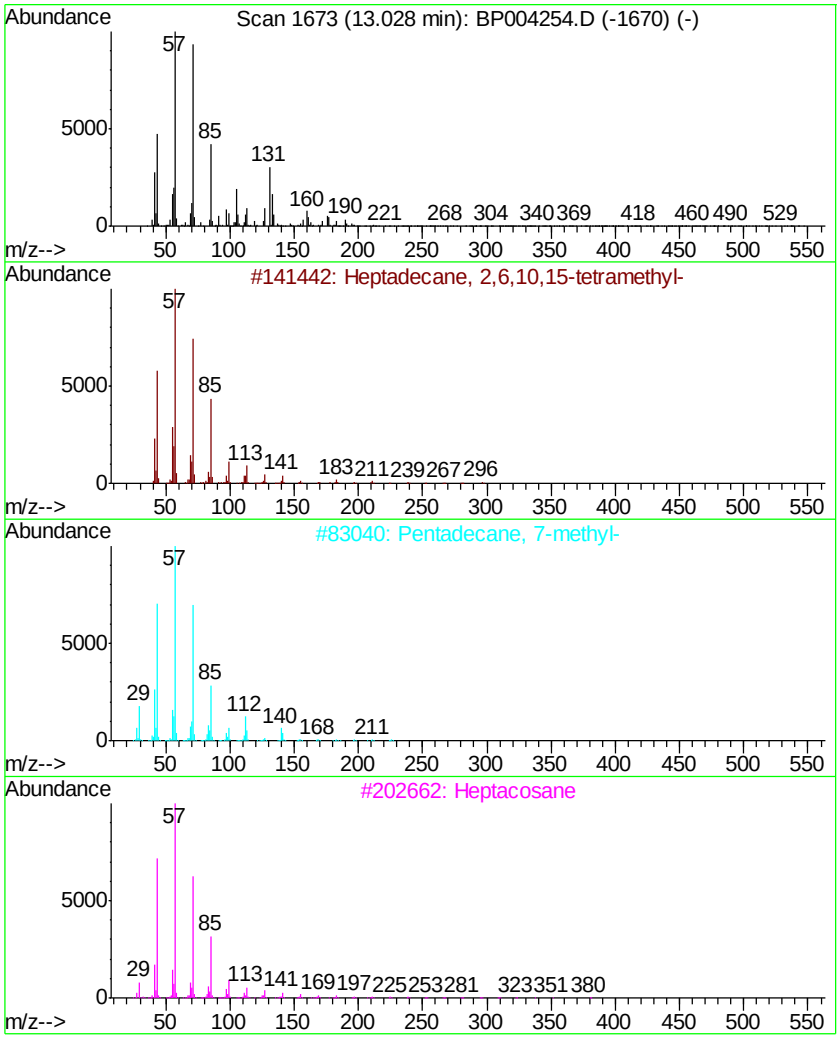
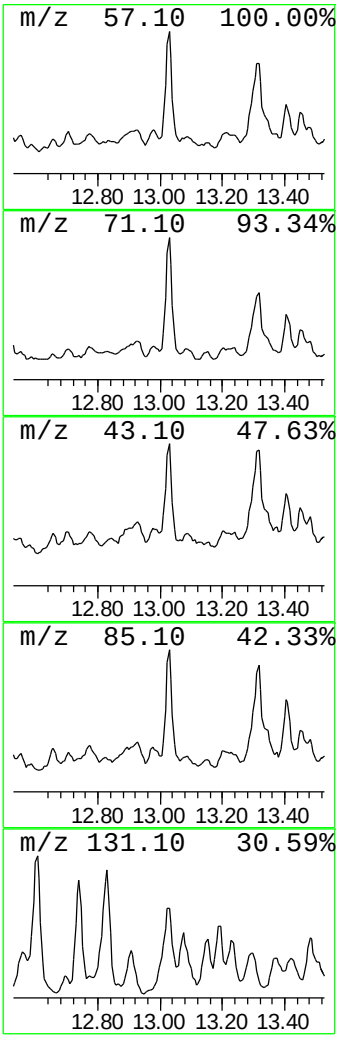
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	8.61 ng/ul	1914520	Acenaphthene-d10	14.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	53
3	Heptacosane	380	C27H56	000593-49-7	52
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	52
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	50





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Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

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Quant Title : SVOA CALIBRATION

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

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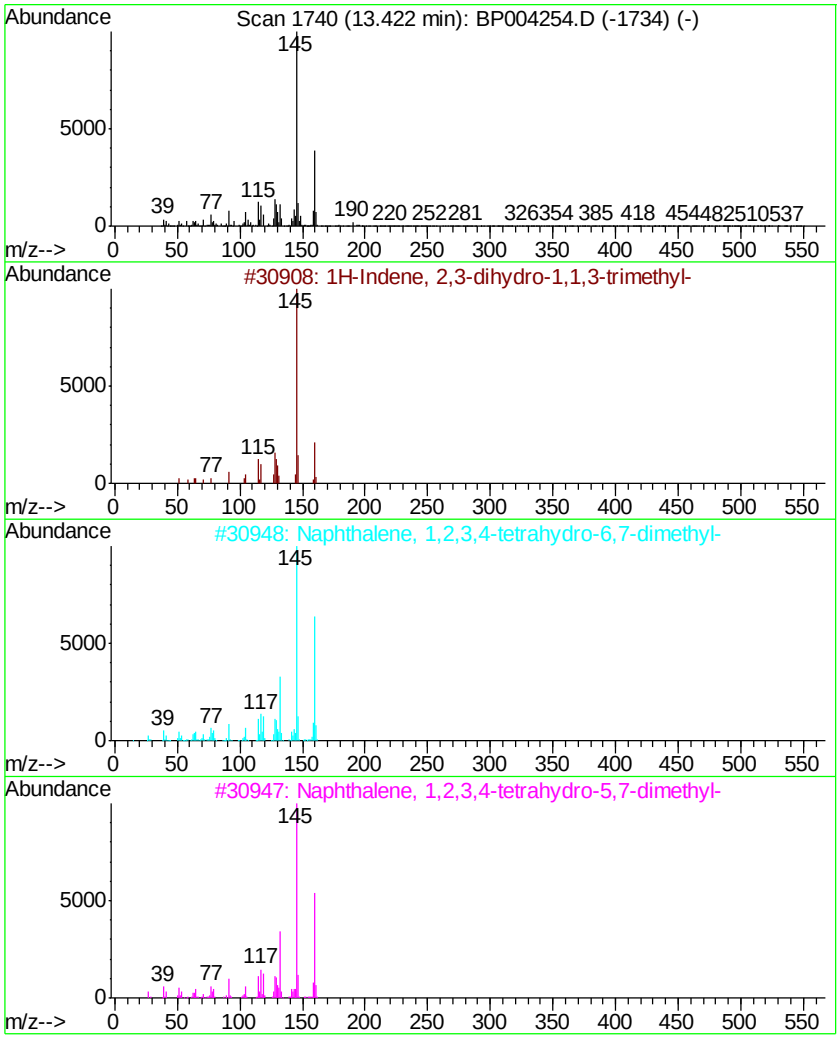
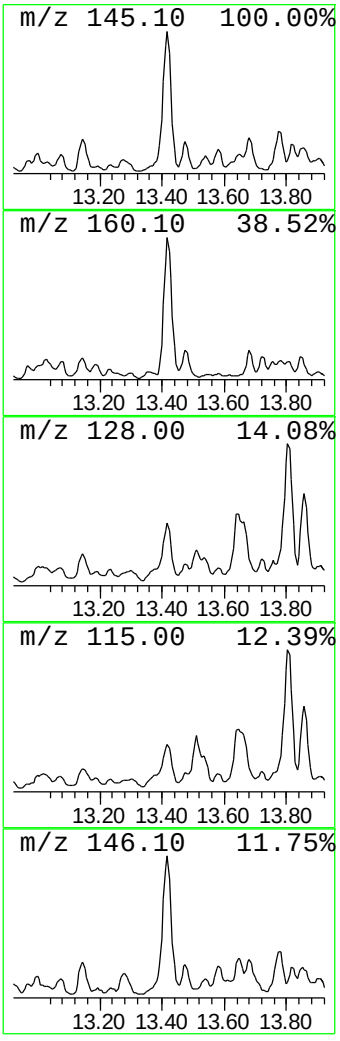
Peak Number 25 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	22.63 ng/ul	5029610	Acenaphthene-d10	14.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	91
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	91
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	90





Library Search Compound Report

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Operator : CG/JU
Sample : L5063-08
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Quant Title : SVOA CALIBRATION

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

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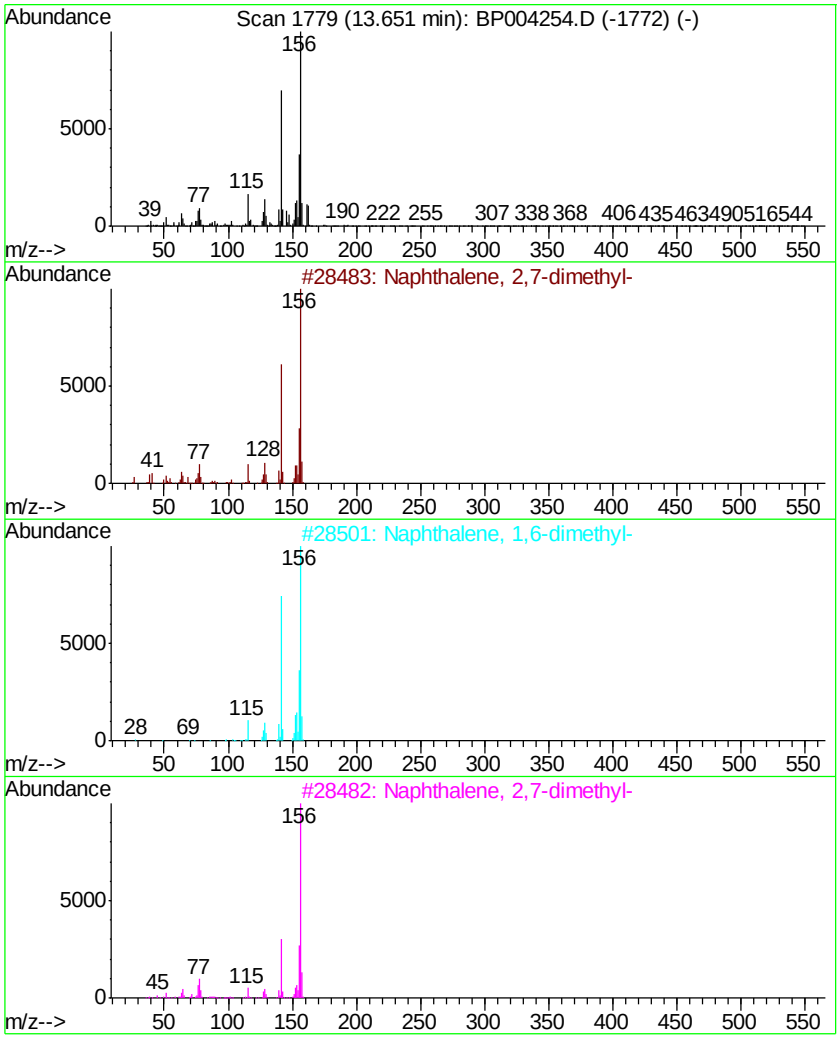
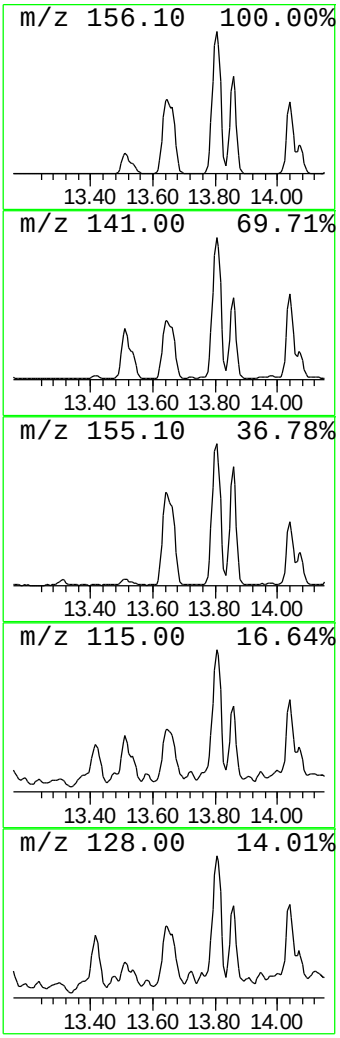
Peak Number 27 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	52.58 ng/ul	11688000	Acenaphthene-d10	14.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

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Quant Title : SVOA CALIBRATION

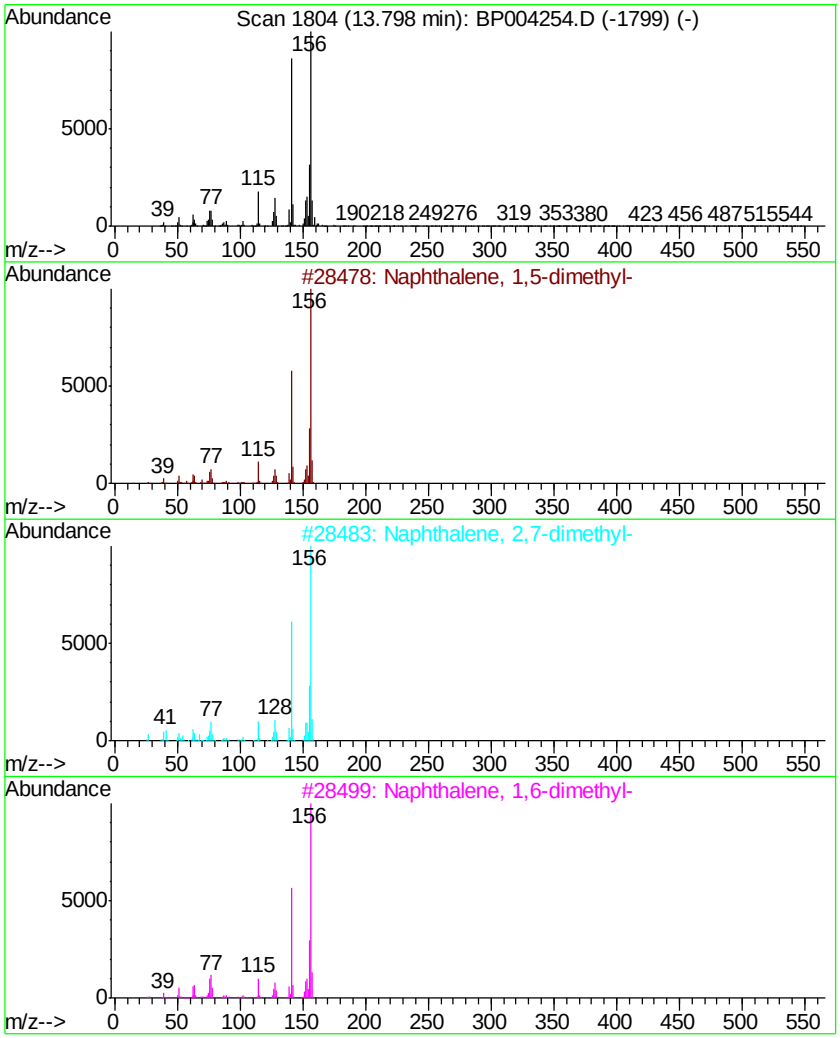
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

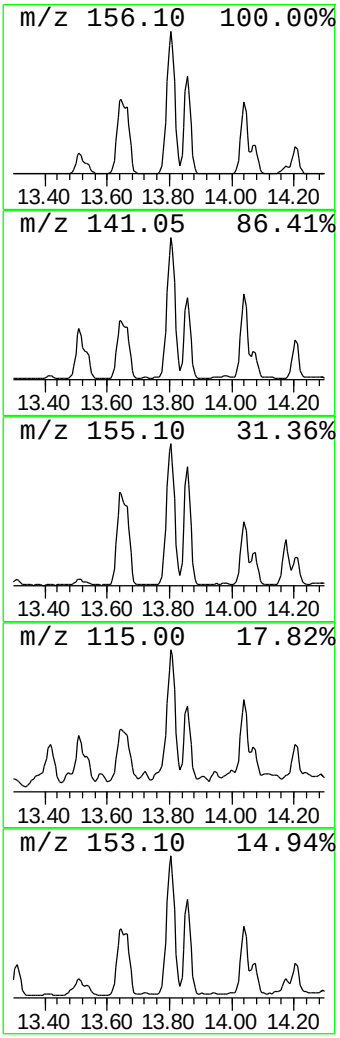
****

Peak Number 29 Naphthalene, 1,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	61.70 ng/ul	13713800	Acenaphthene-d10	14.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Library Search Compound Report

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Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

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Quant Title : SVOA CALIBRATION

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

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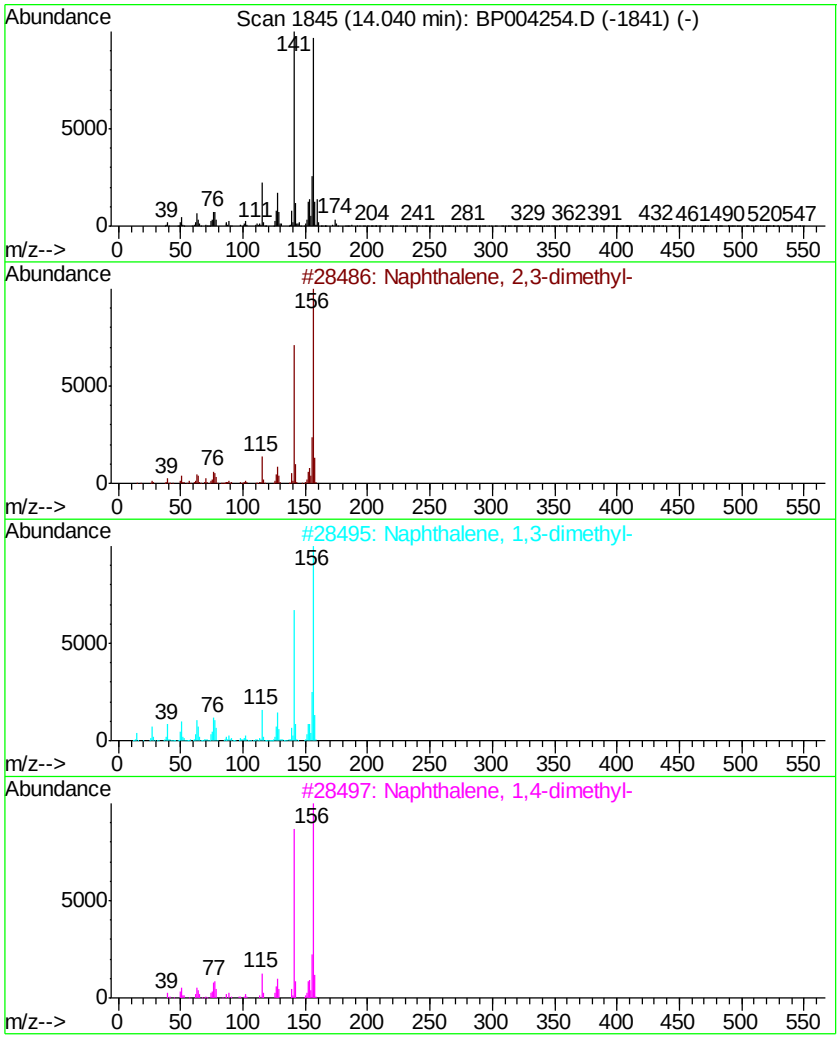
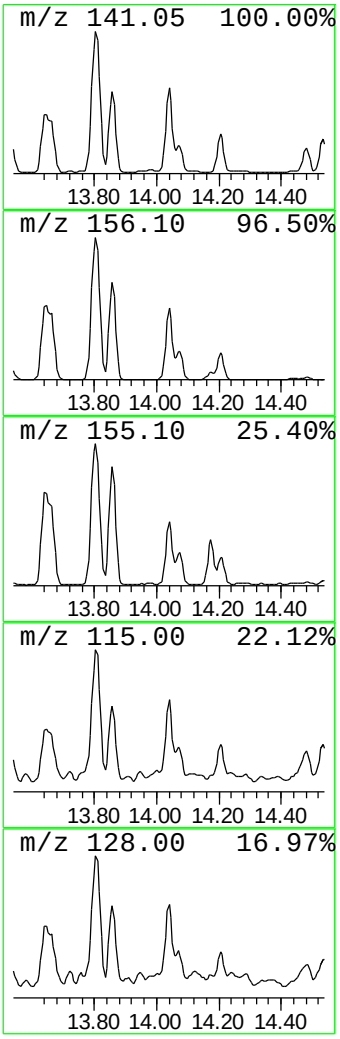
Peak Number 30 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	23.13 ng/ul	5141850	Acenaphthene-d10	14.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

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Quant Title : SVOA CALIBRATION

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

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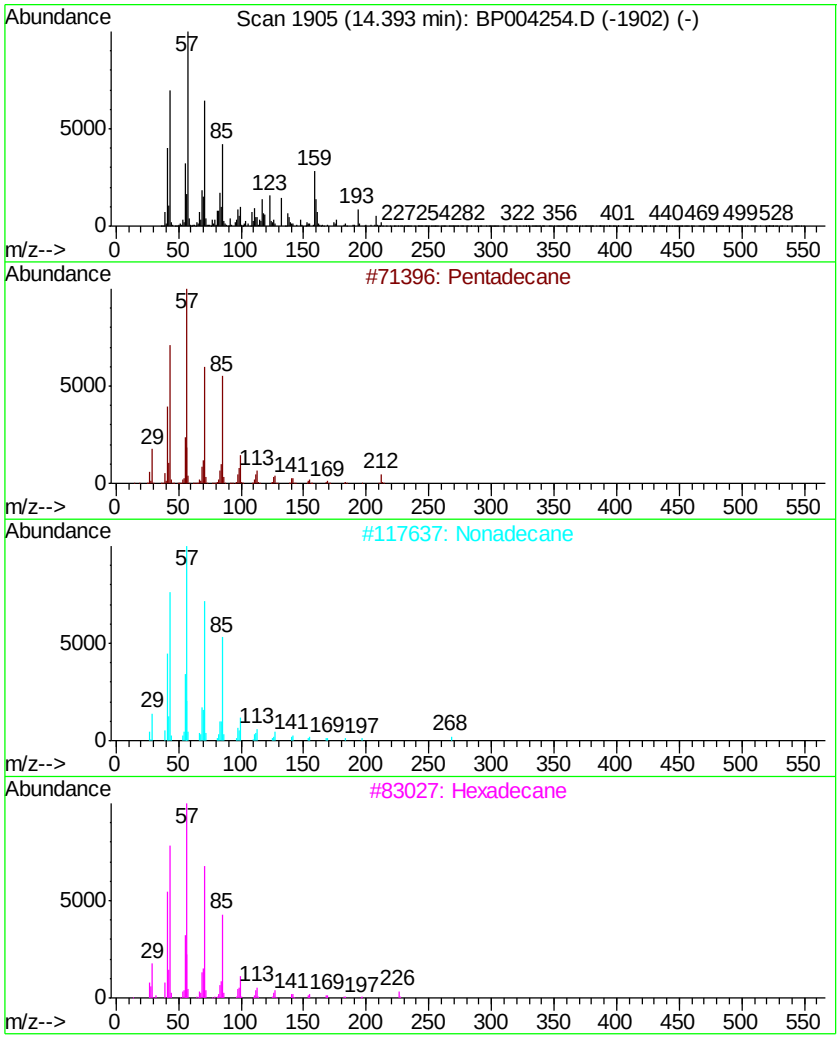
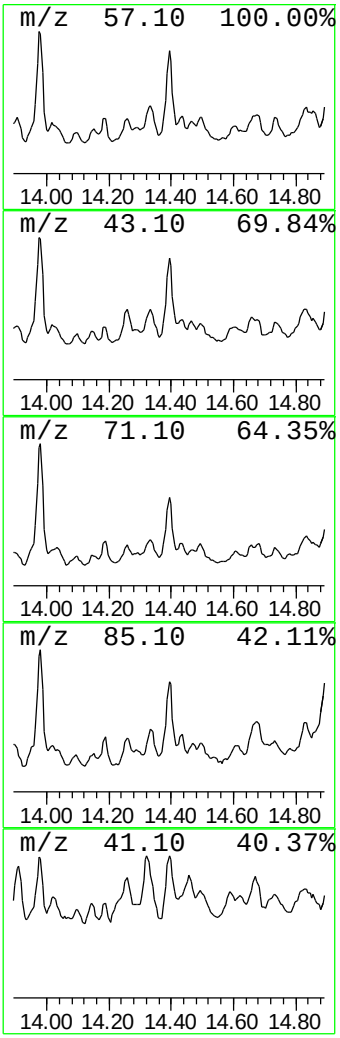
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	7.24 ng/ul	1608140	Acenaphthene-d10	14.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	70
2	Nonadecane	268	C19H40	000629-92-5	55
3	Hexadecane	226	C16H34	000544-76-3	49
4	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	49
5	10-Methylnonadecane	282	C20H42	056862-62-5	49





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Instrument : BNA_P
ClientSampleId : C0AE0

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Quant Title : SVOA CALIBRATION

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

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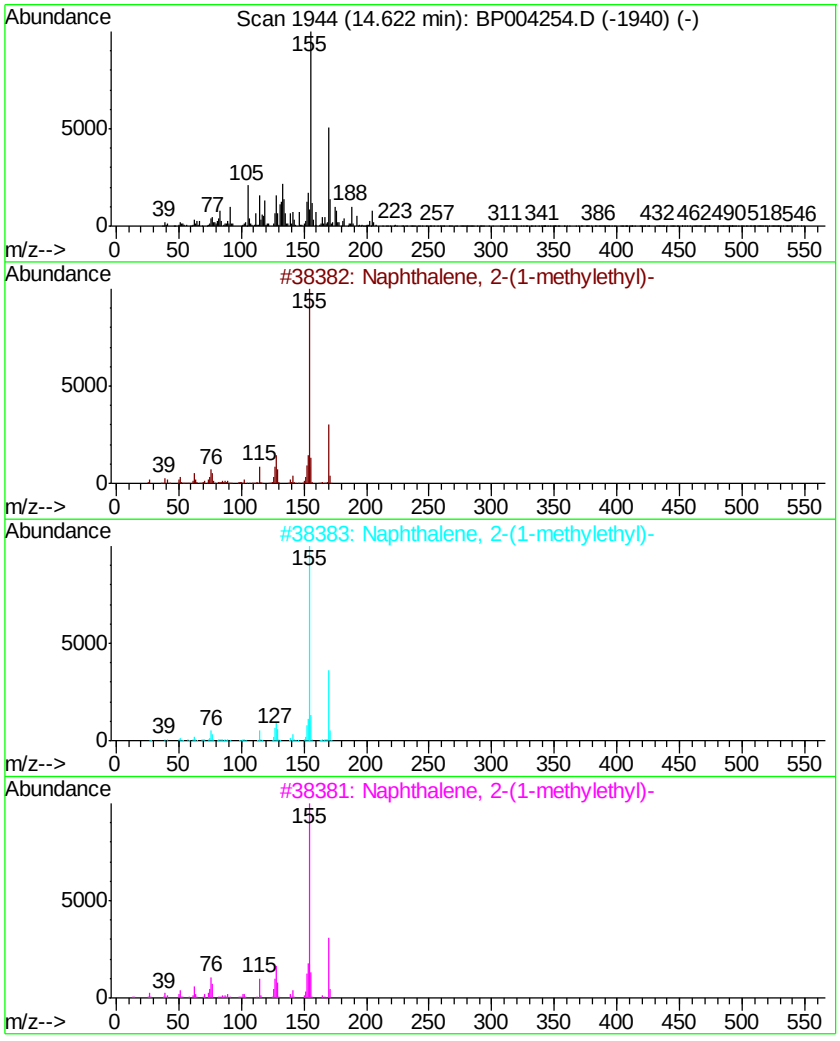
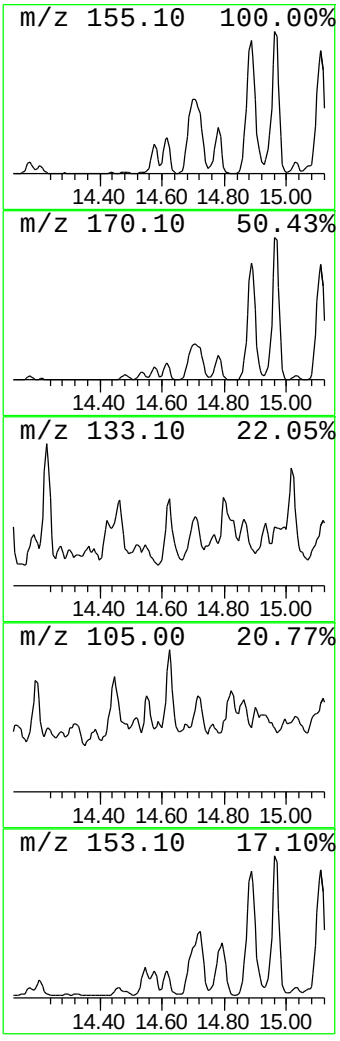
Peak Number 33 Naphthalene, 2-(1-methyleth... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	12.93 ng/ul	2874990	Acenaphthene-d10	14.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	80
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	78
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	78





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

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Quant Title : SVOA CALIBRATION

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

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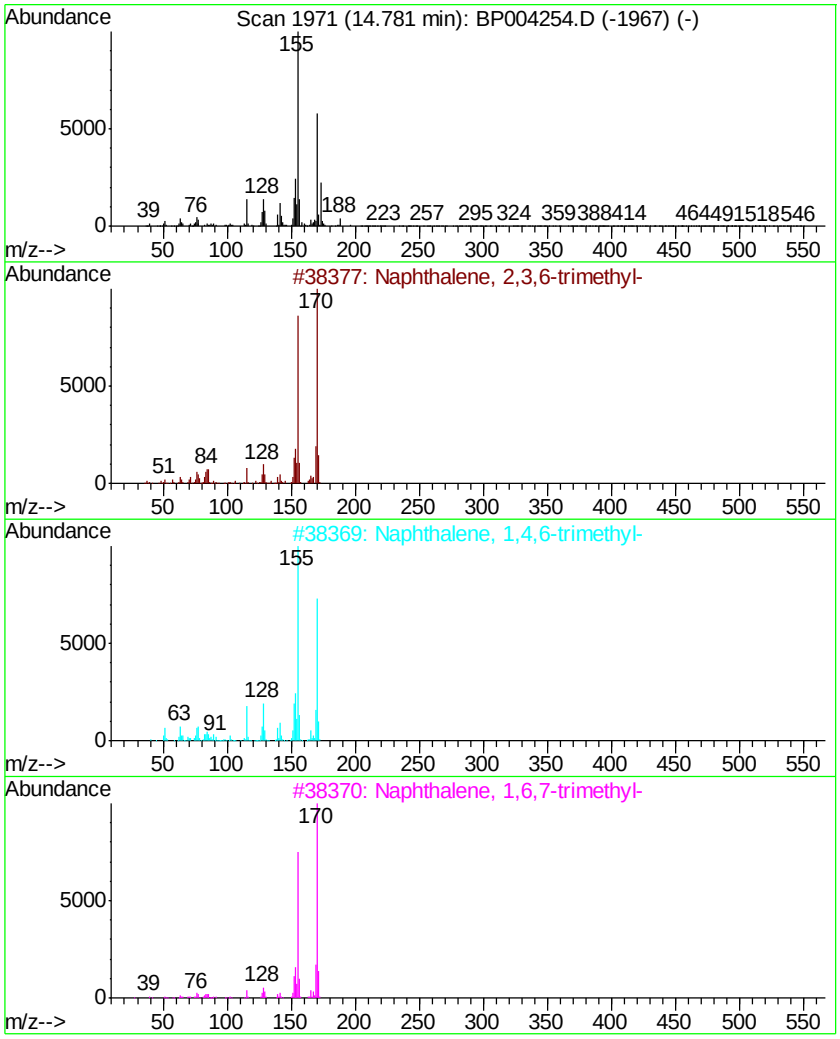
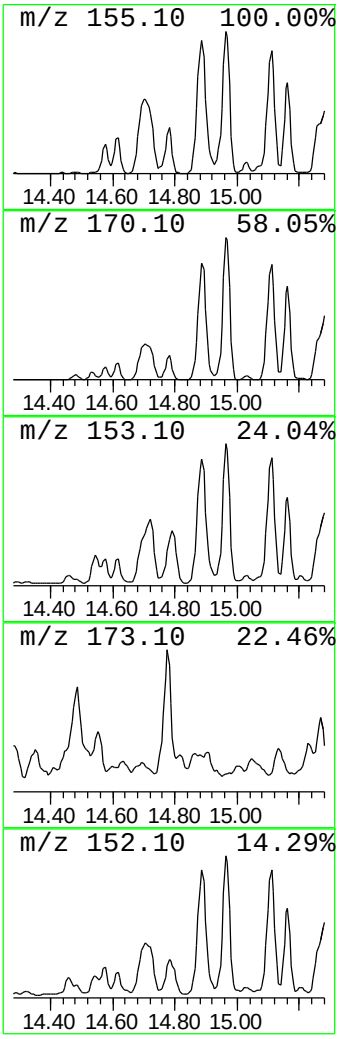
Peak Number 34 Naphthalene, 2,3,6-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	14.44 ng/ul	3209840	Acenaphthene-d10	14.48

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





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Quant Title : SVOA CALIBRATION

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

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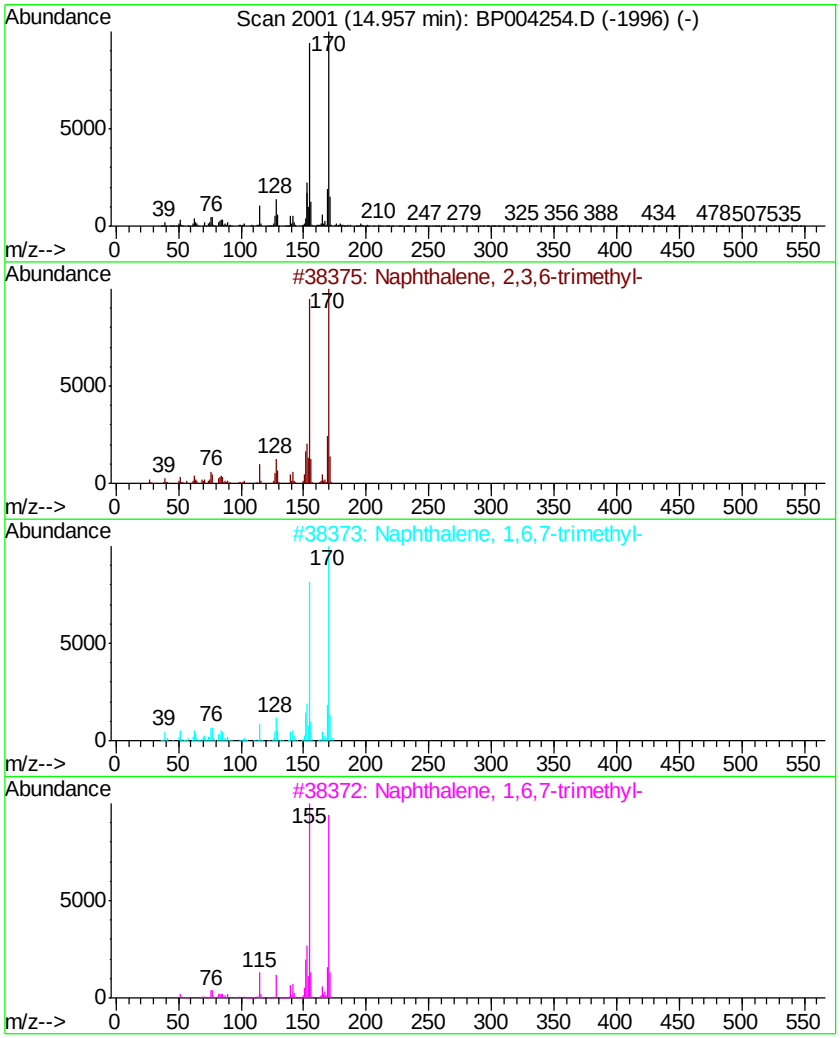
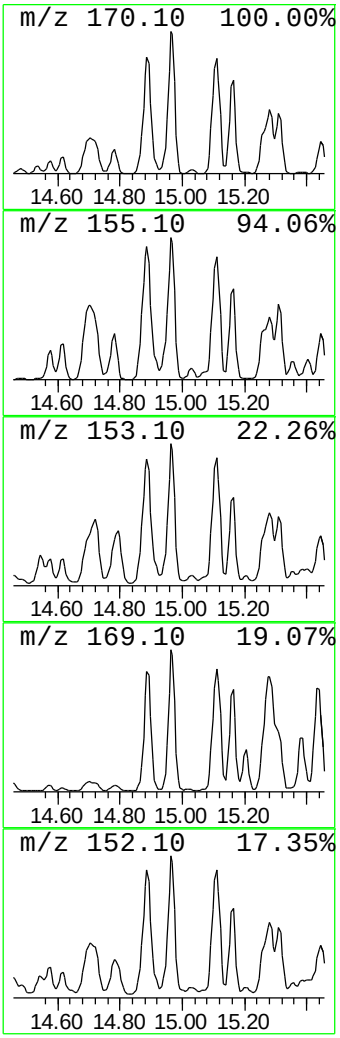
Peak Number 35 Naphthalene, 1,6,7-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	68.76 ng/ul	15282500	Acenaphthene-d10	14.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

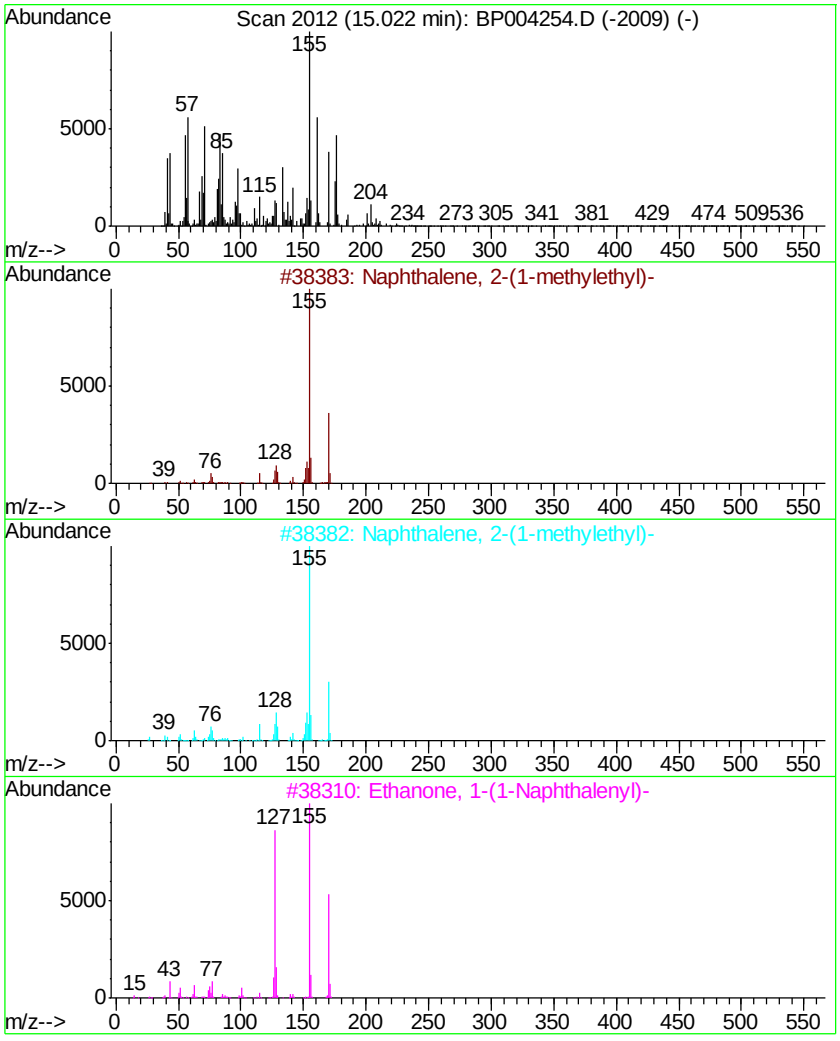
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

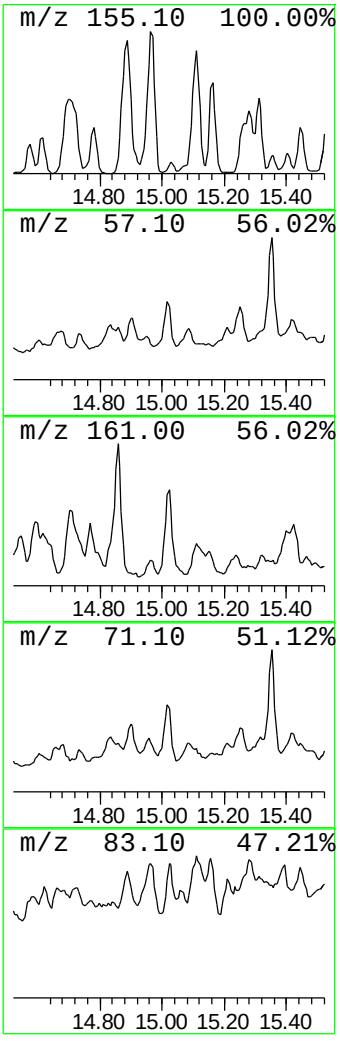
****

Peak Number 36 unknown-04 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	11.03 ng/ul	2451620	Acenaphthene-d10	14.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	38
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	30
3	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	27
4	1,2-Cyclohexanedicarboxylic acid...	352	C21H36O4	1000339-74-1	22
5	1,2-Cyclohexanedicarboxylic acid...	360	C22H32O4	1000339-71-3	22





Library Search Compound Report

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Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

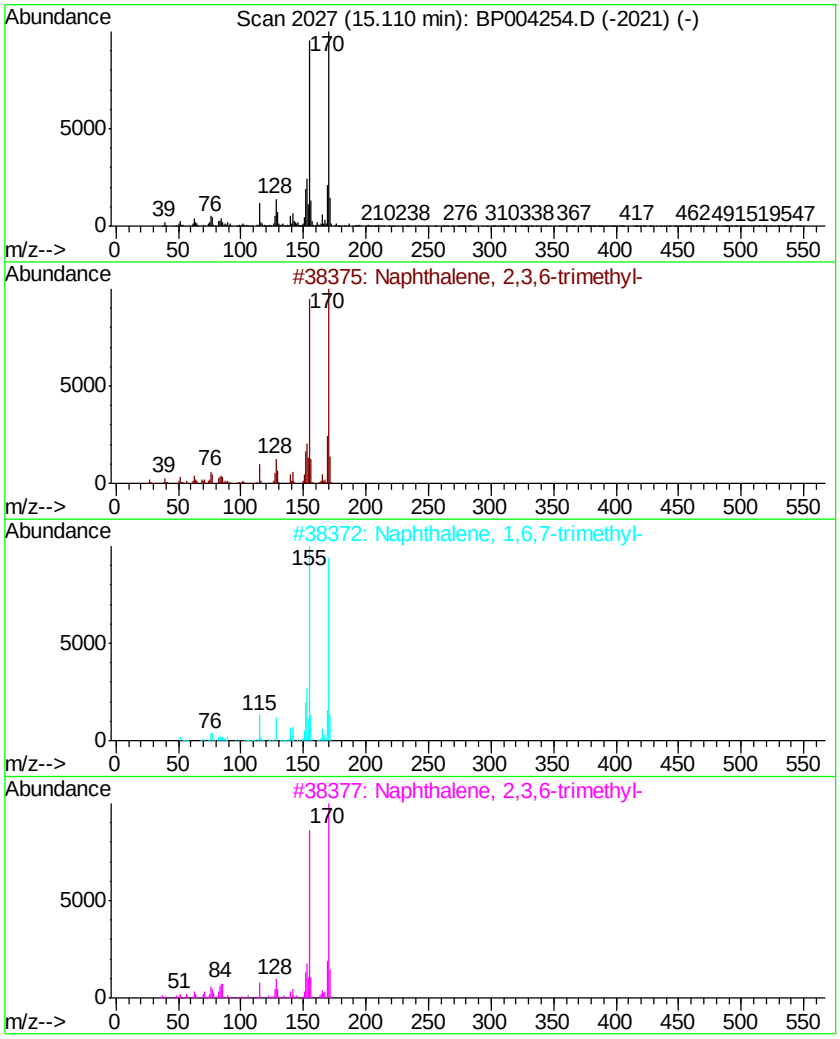
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

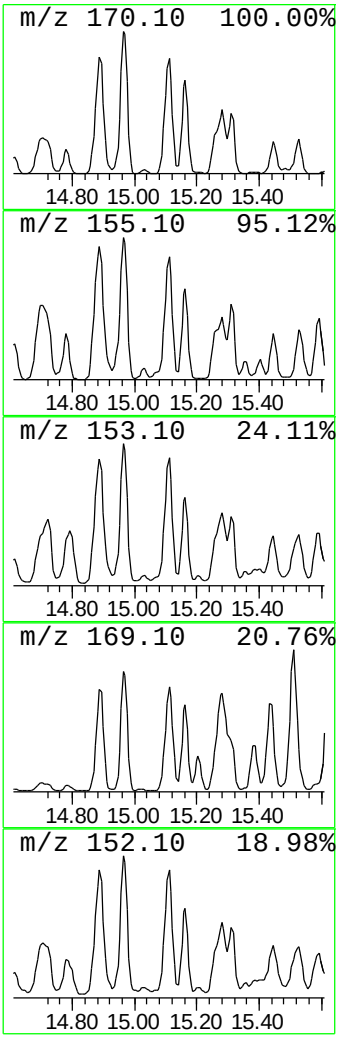
****

Peak Number 37 unknown-05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	69.23 ng/ul	15386900	Acenaphthene-d10	14.48

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





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Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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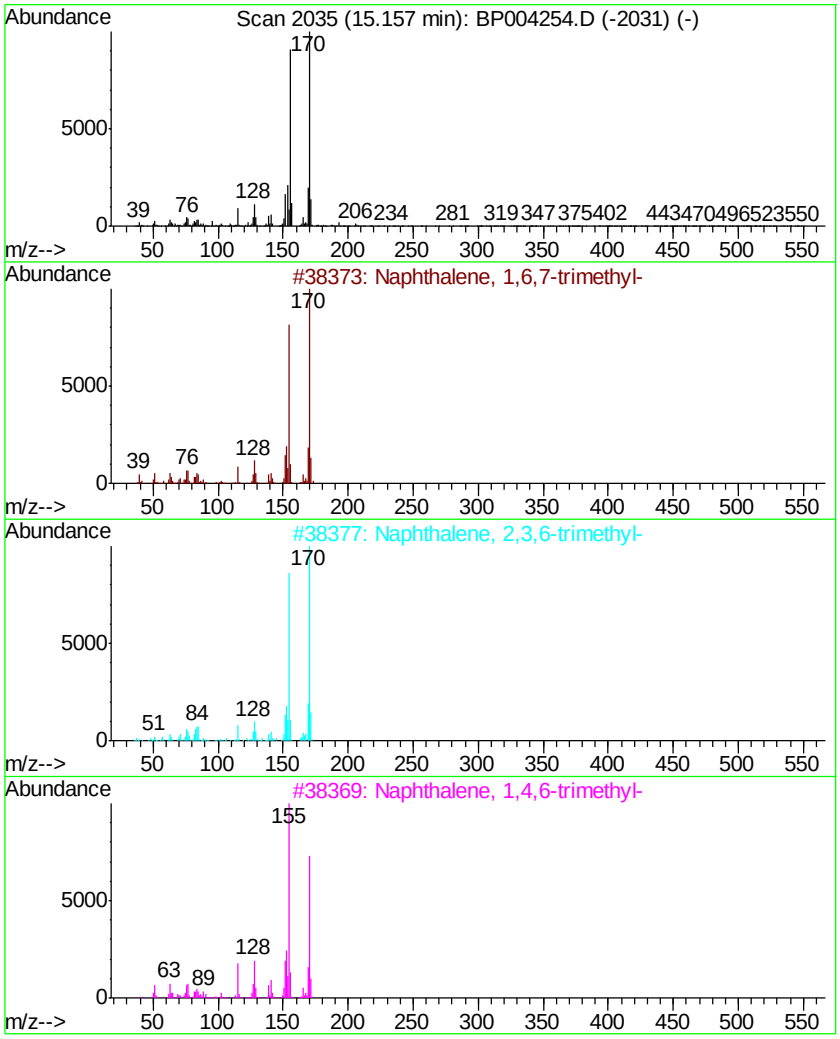
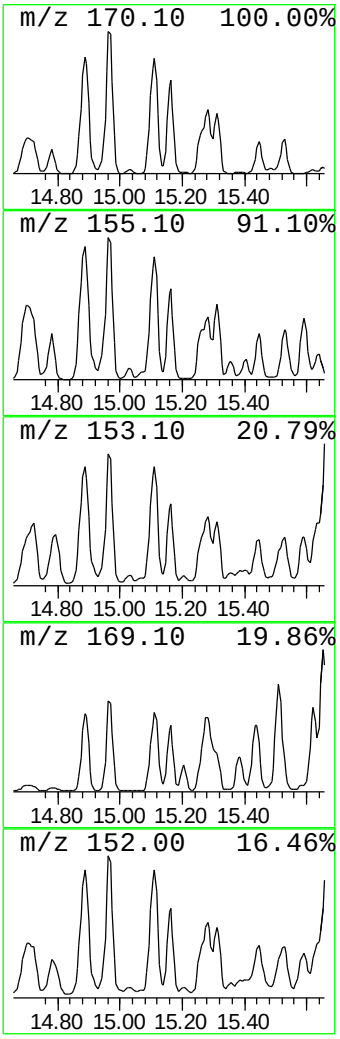
Peak Number 38 unknown-06 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	42.04 ng/ul	9344930	Acenaphthene-d10	14.48

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





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Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

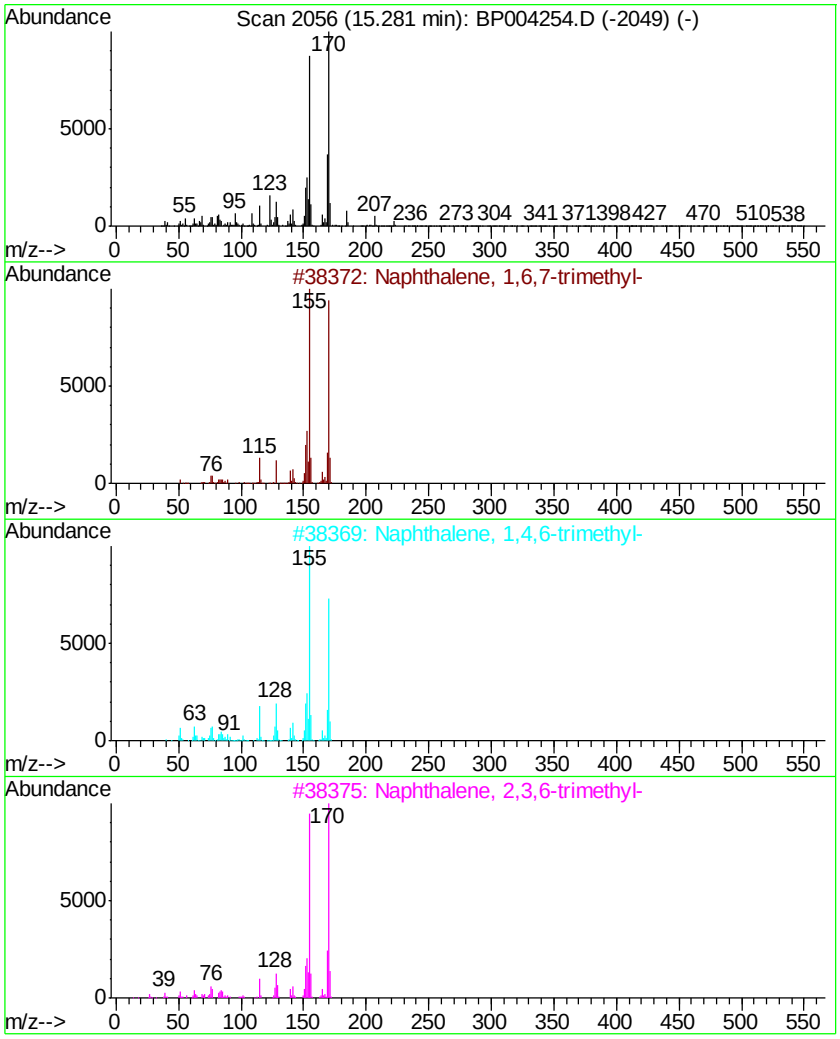
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

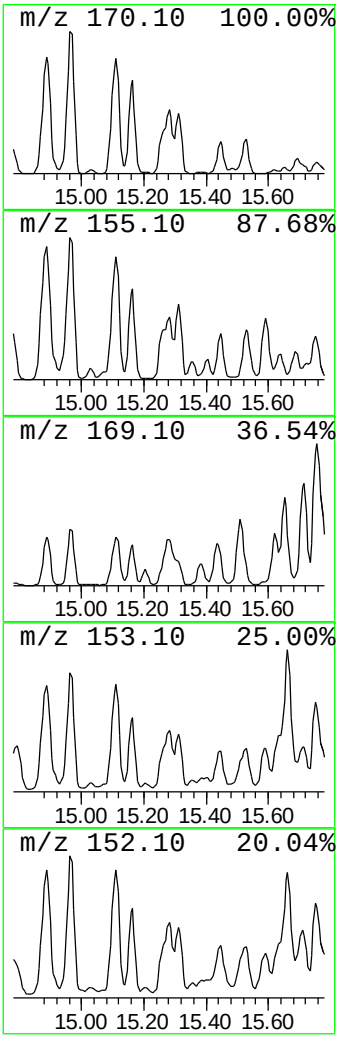
****

Peak Number 39 Naphthalene, 1,4,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	50.34 ng/ul	11188500	Acenaphthene-d10	14.48

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, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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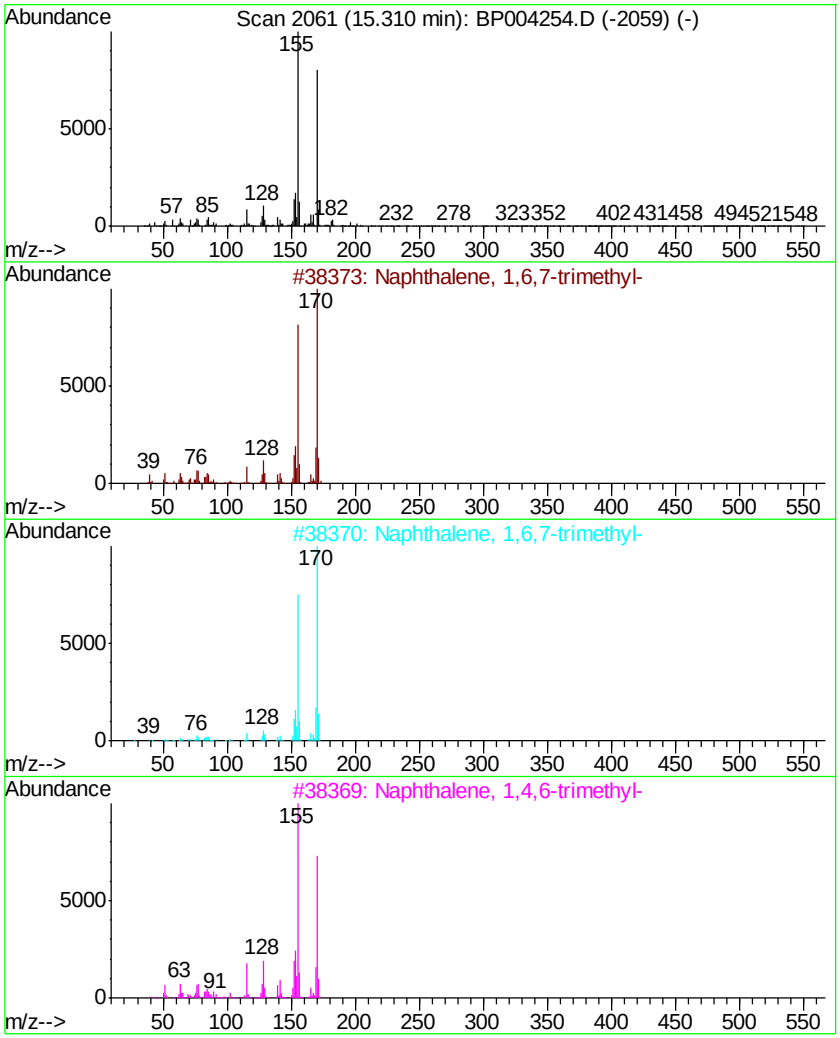
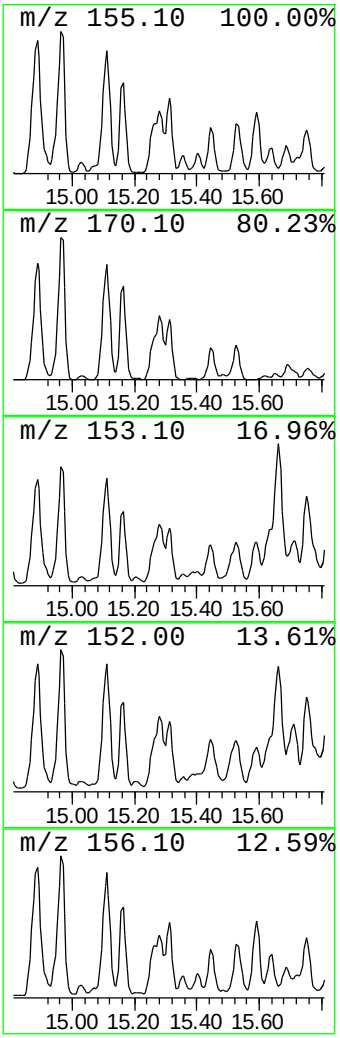
Peak Number 40 unknown-07 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	21.86 ng/ul	4859080	Acenaphthene-d10	14.48

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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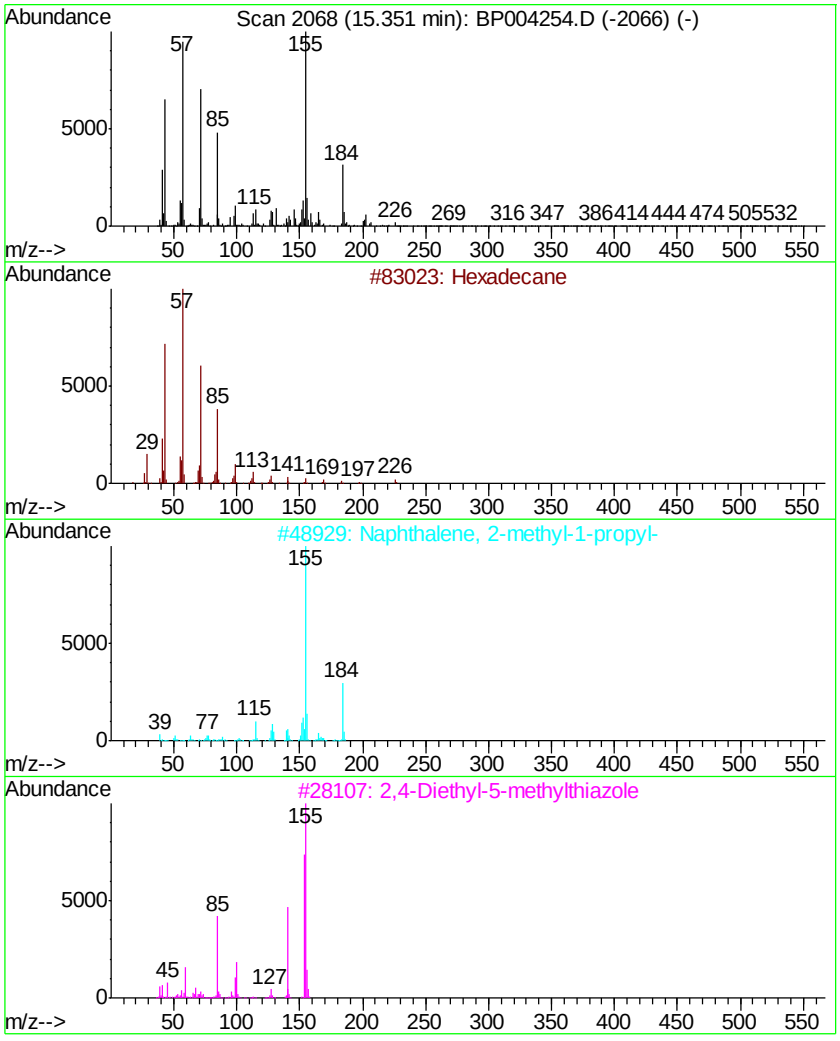
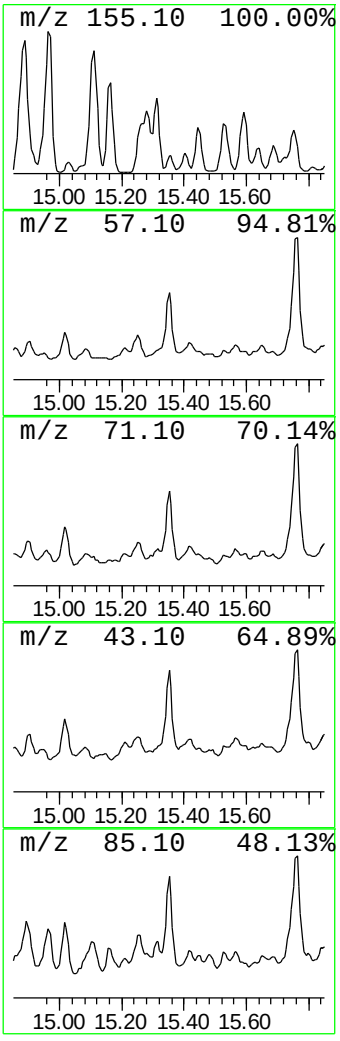
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	5.57 ng/ul	1239150	Acenaphthene-d10	14.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	50
3	2,4-Diethyl-5-methylthiazole	155	C8H13NS	052414-89-8	46
4	Hexadecane	226	C16H34	000544-76-3	41
5	Hexacosane	366	C26H54	000630-01-3	38





Library Search Compound Report

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Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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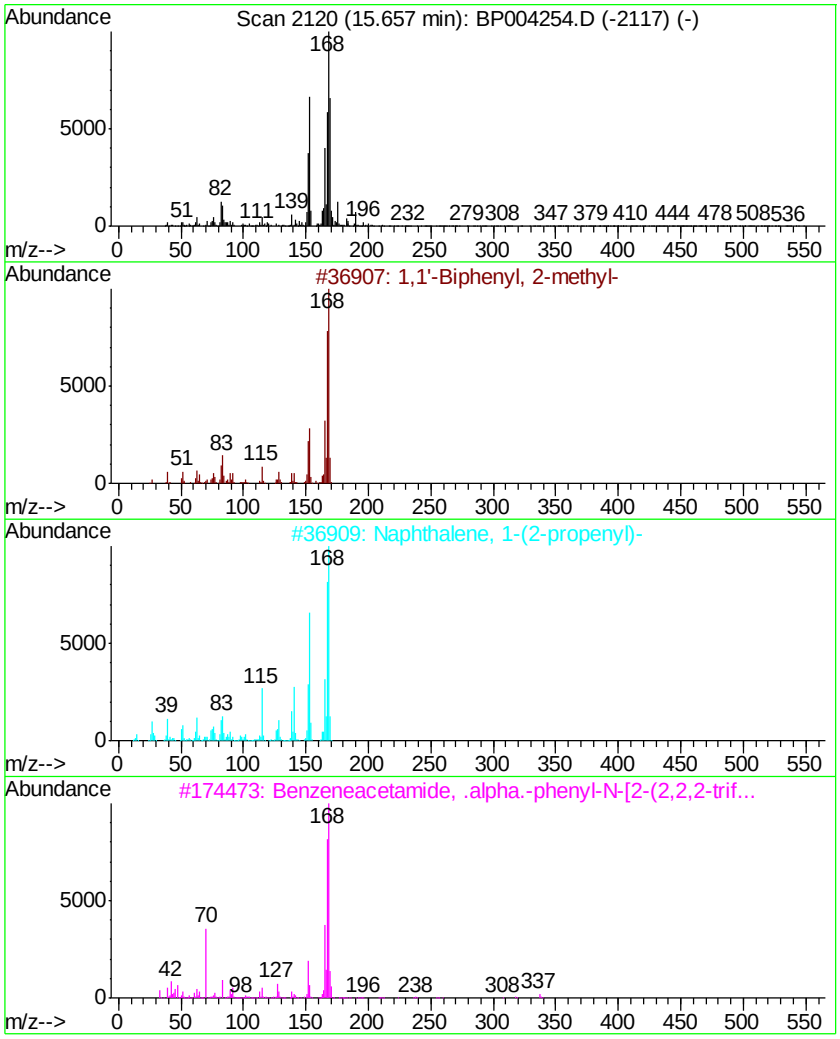
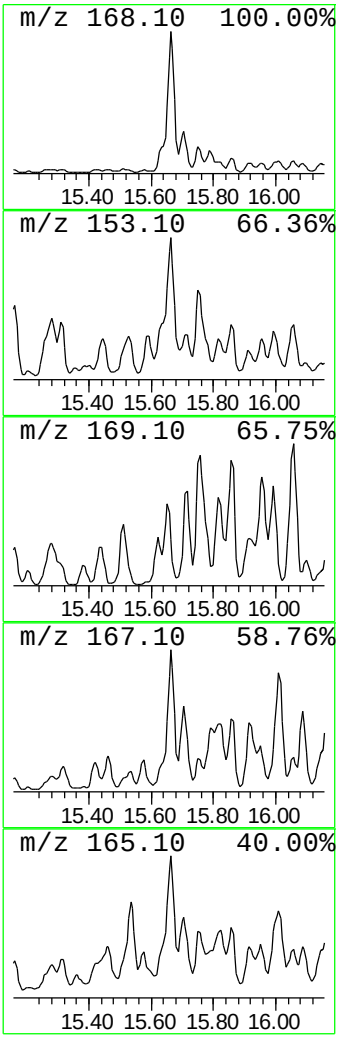
Peak Number 42 1,1'-Biphenyl, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	24.05 ng/ul	5345380	Acenaphthene-d10	14.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	52
3	Benzeneacetamide, .alpha.-phenyl...	337	C18H18F3NO2	1000350-80-6	50
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	49
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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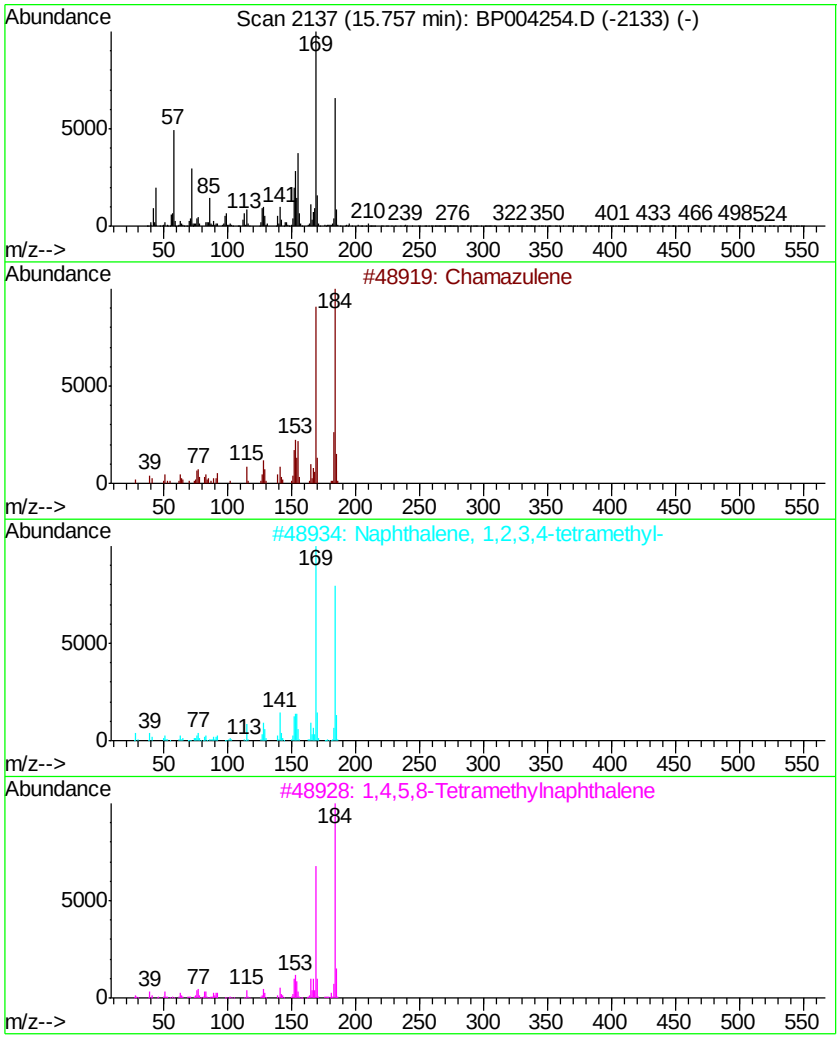
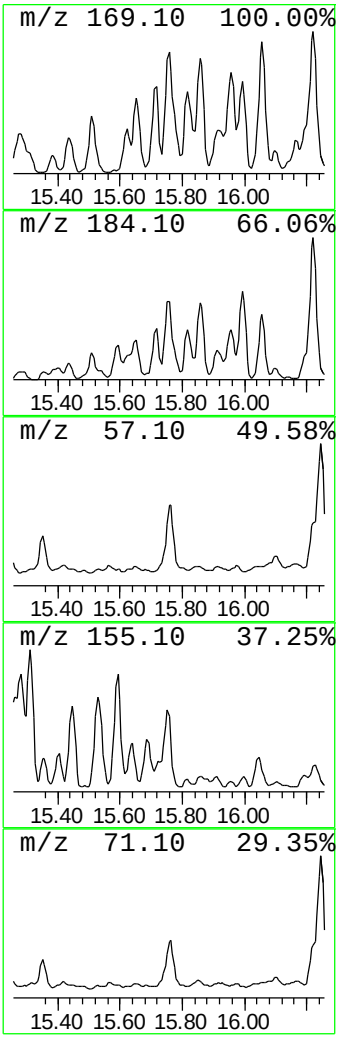
Peak Number 43 Chamazulene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	45.83 ng/ul	10185600	Acenaphthene-d10	14.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	94
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	87
3	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	83
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	68
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	64





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Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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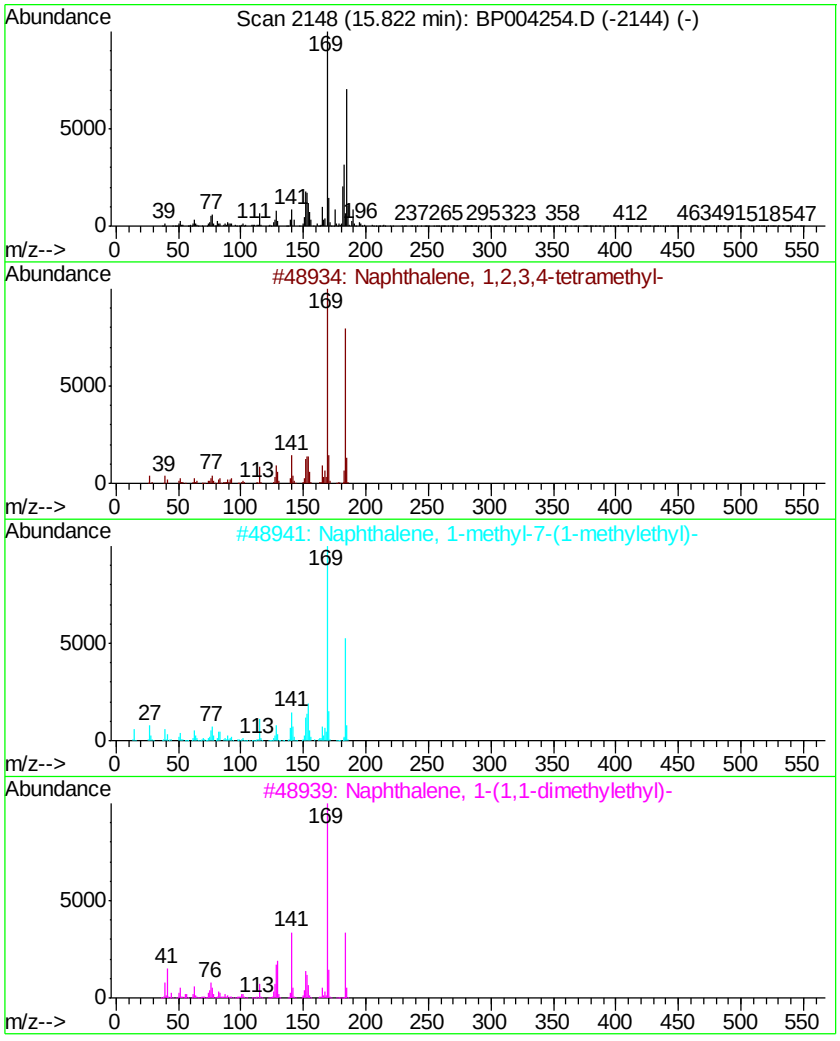
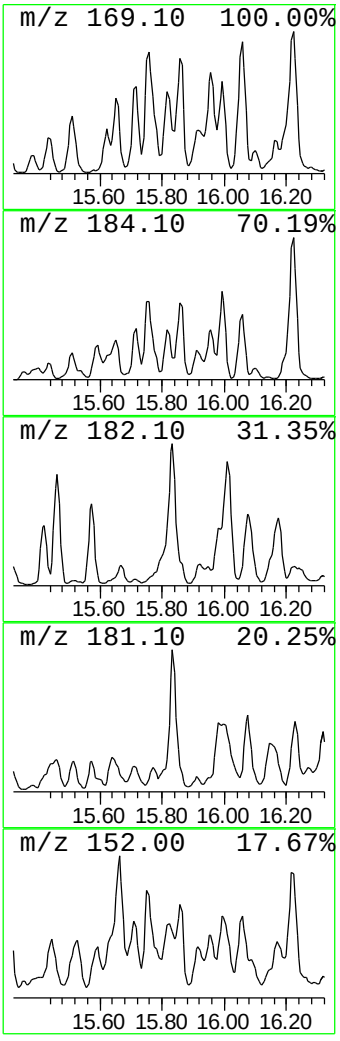
Peak Number 44 Naphthalene, 1,2,3,4-tetram... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	19.74 ng/ul	4388230	Acenaphthene-d10	14.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	90
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	76
3	Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	76
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	68
5	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
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Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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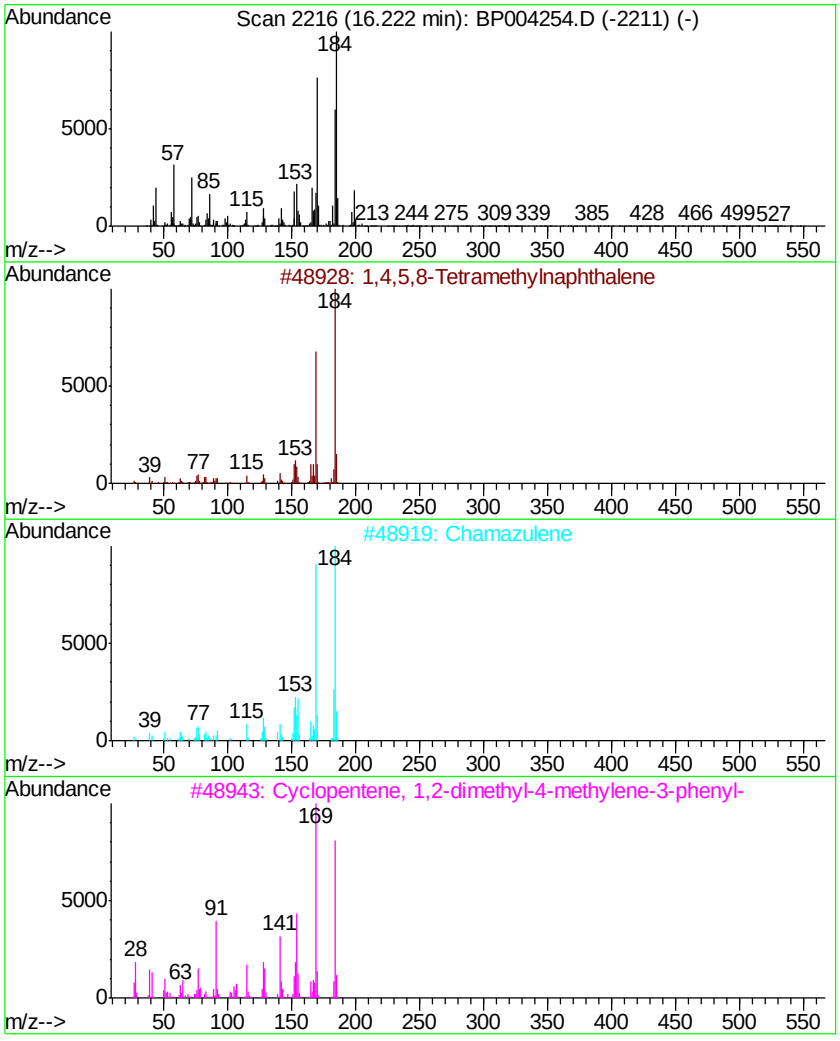
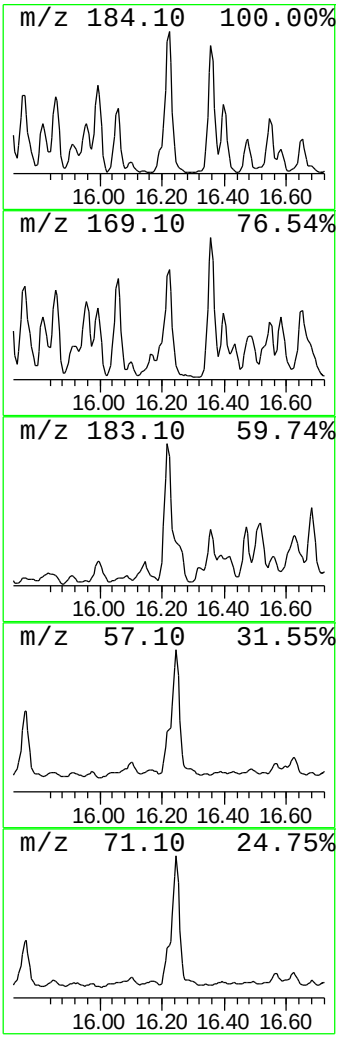
Peak Number 49 Cyclopentene, 1,2-dimethyl-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	35.89 ng/ul	15168800	Phenanthrene-d10	17.25

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	76
3	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	64
4	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	64
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
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Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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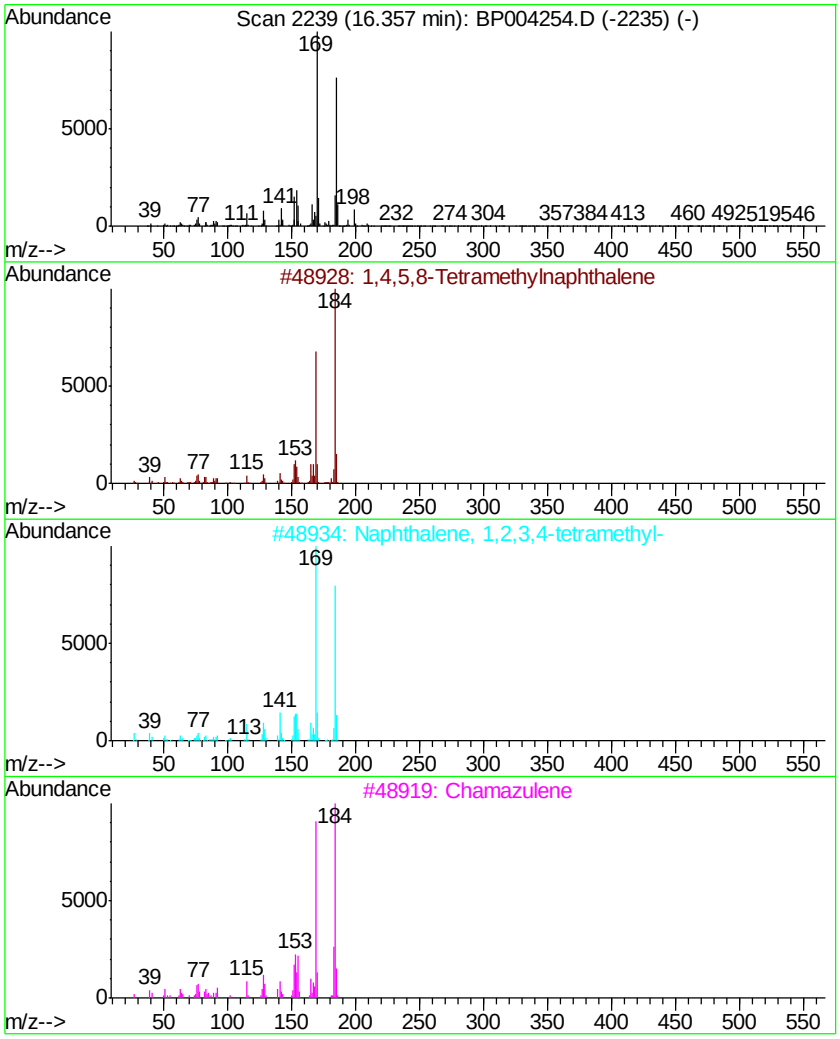
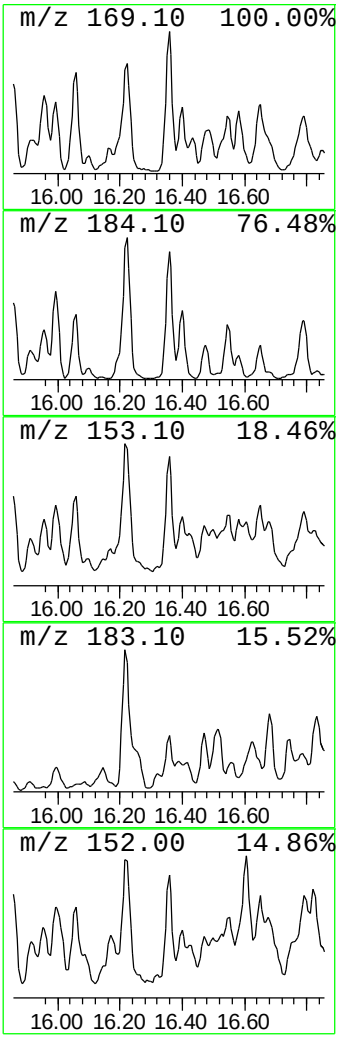
Peak Number 50 Naphthalene, 1-methyl-7-(1-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	21.91 ng/ul	9262610	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	95
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	94
3	Chamazulene	184	C14H16	000529-05-5	93
4	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	87
5	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	87





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Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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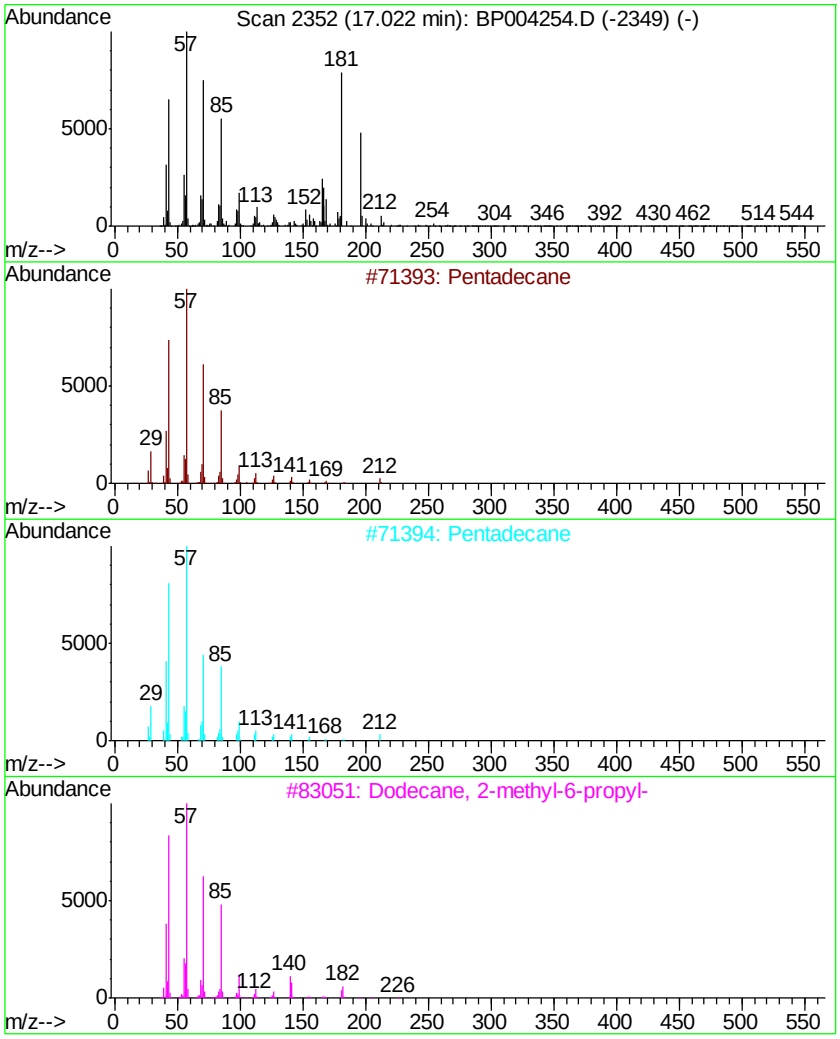
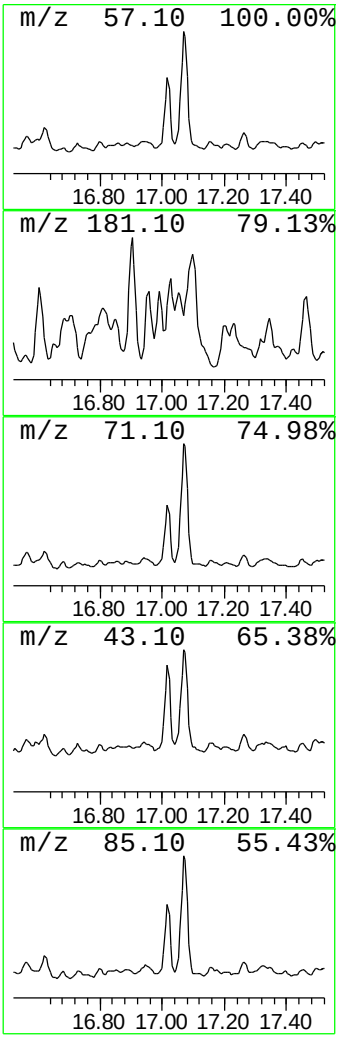
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	5.90 ng/ul	2495680	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Pentadecane	212	C15H32	000629-62-9	64
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
5	Pentadecane	212	C15H32	000629-62-9	64





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Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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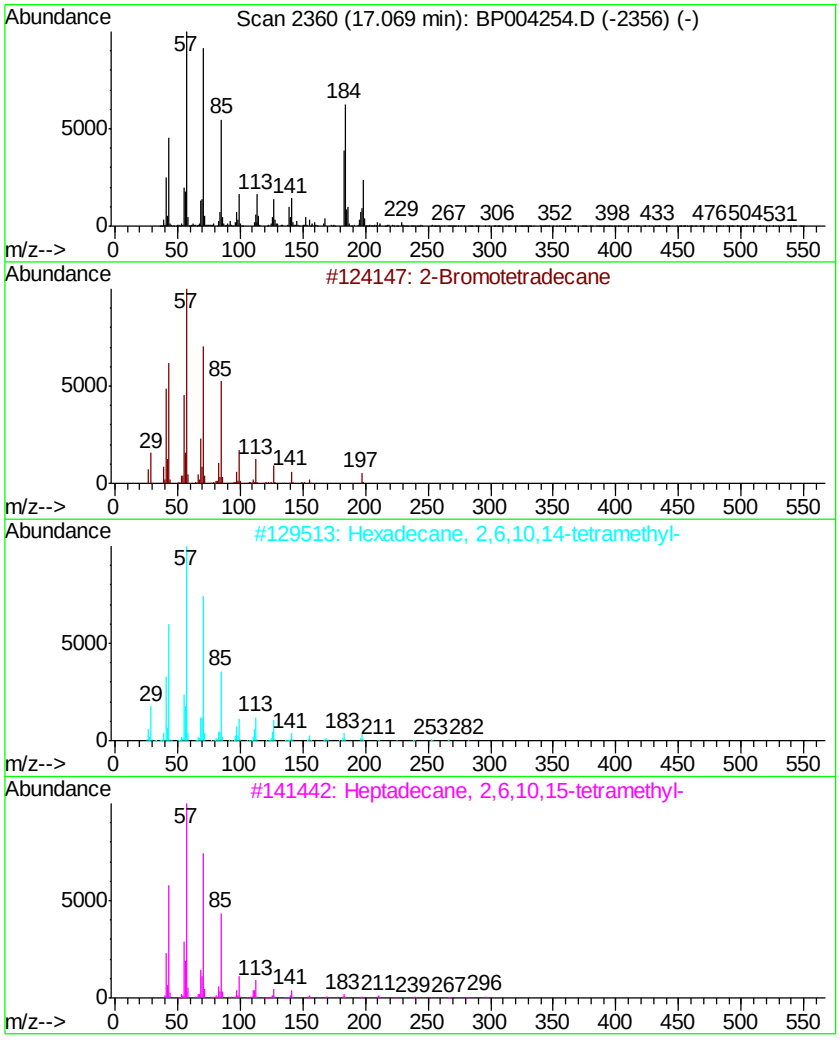
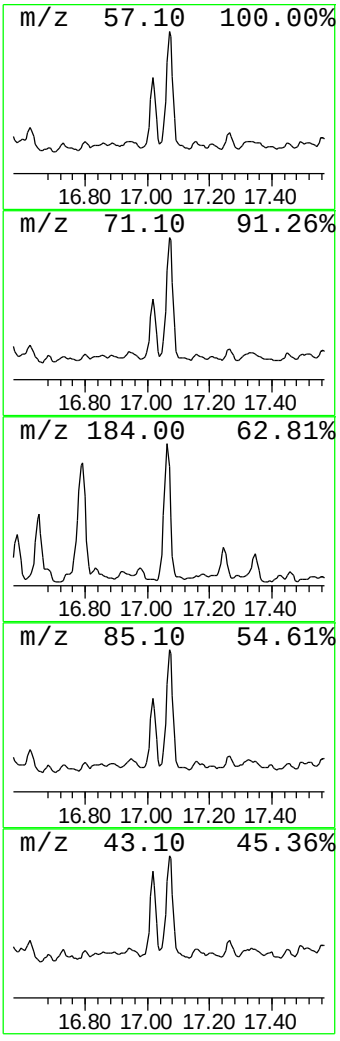
Peak Number 57 unknown-08 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.07	33.85 ng/ul	14308100	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	43
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	38
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	38
4	Heneicosane	296	C21H44	000629-94-7	38
5	Hexadecane	226	C16H34	000544-76-3	38





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Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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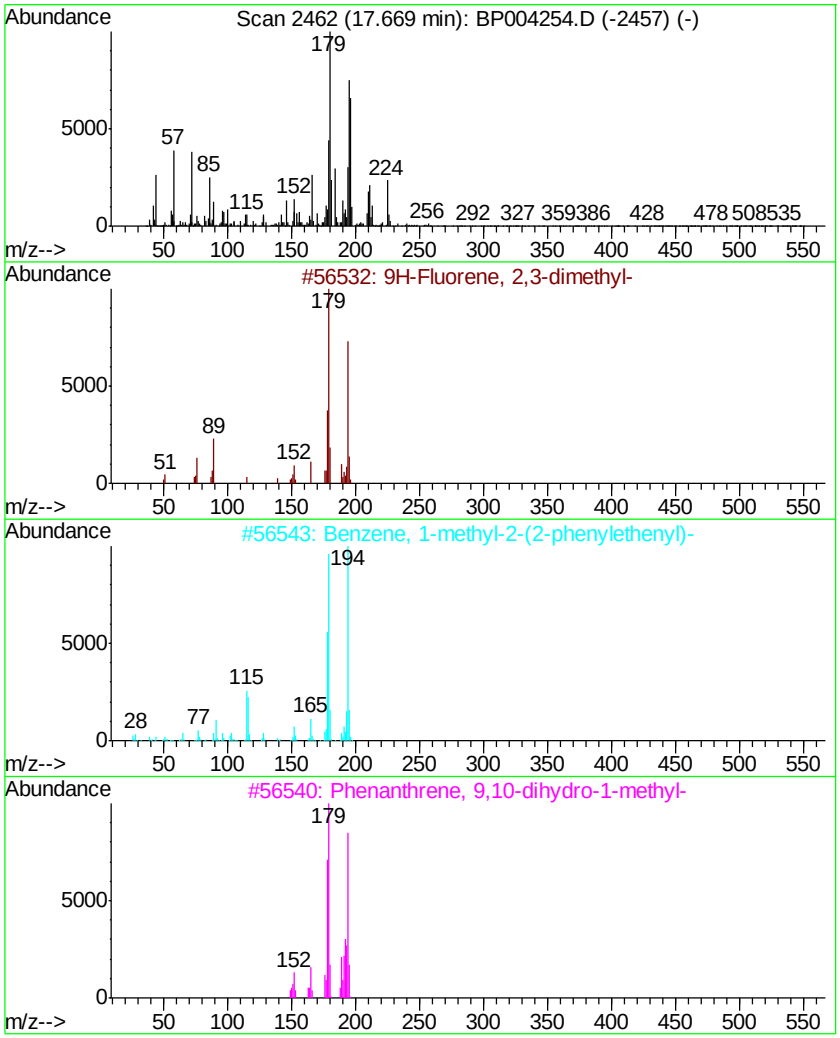
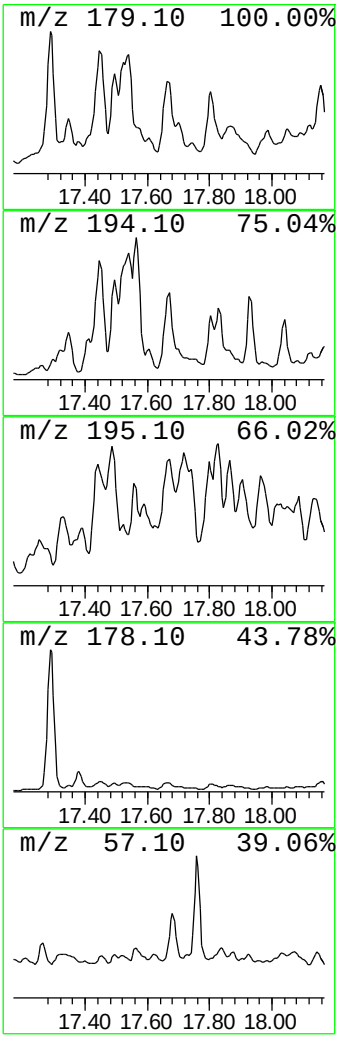
Peak Number 58 9H-Fluorene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	20.30 ng/ul	8578860	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	60
2	Benzene, 1-methyl-2-(2-phenyleth...	194	C15H14	074685-42-0	52
3	Phenanthrene, 9,10-dihydro-1-met...	194	C15H14	095676-48-5	46
4	5H-Dibenz[b,f]azepin-5-amine, 10...	210	C14H14N2	007458-07-3	45
5	.alpha.-Methylstilbene	194	C15H14	000779-51-1	45





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Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

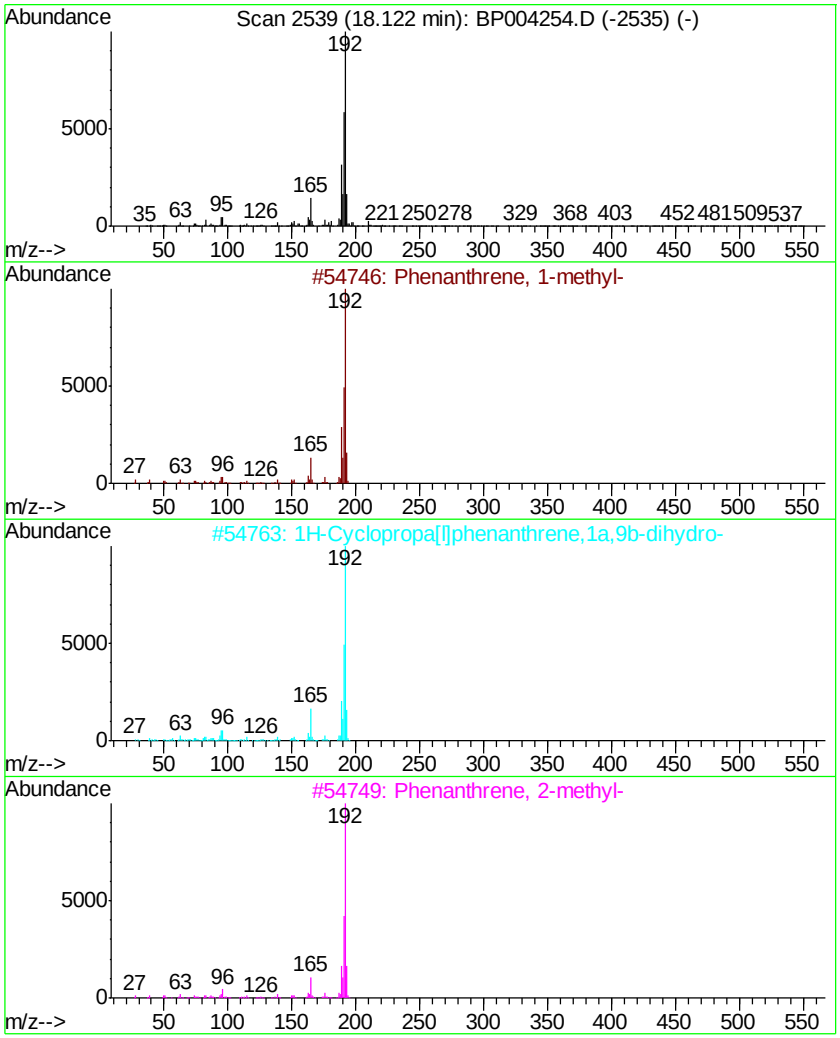
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

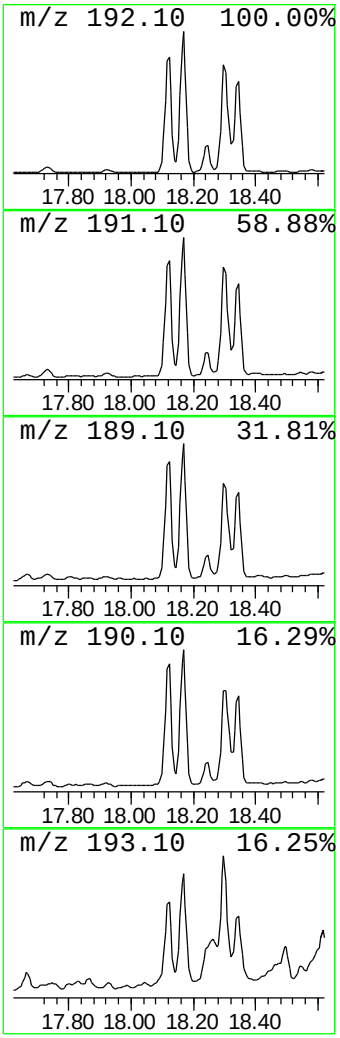
****

Peak Number 60 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	25.58 ng/ul	10811400	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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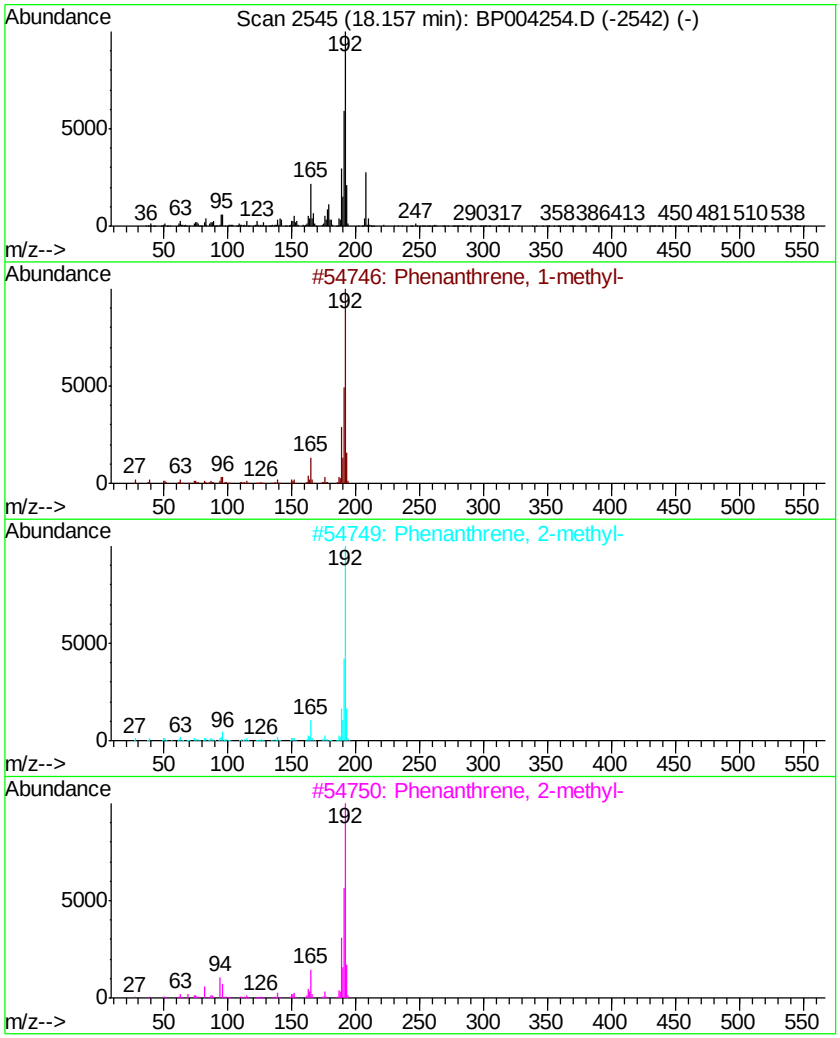
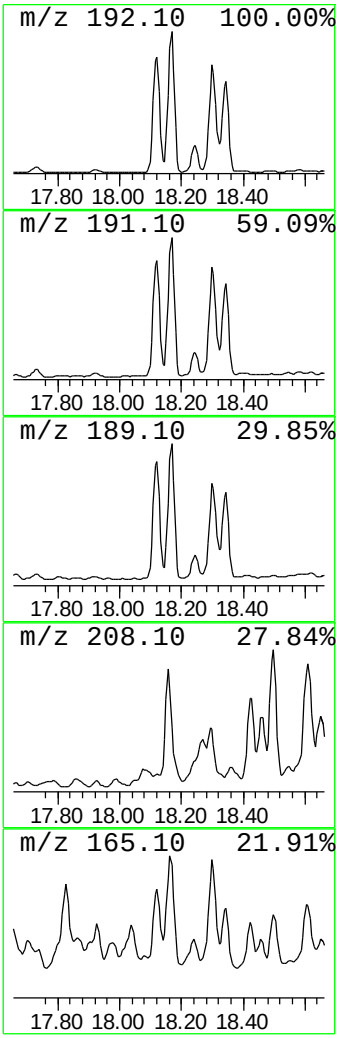
Peak Number 61 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	41.89 ng/ul	17705600	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Library Search Compound Report

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Data File : BP004254.D
Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

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Quant Title : SVOA CALIBRATION

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

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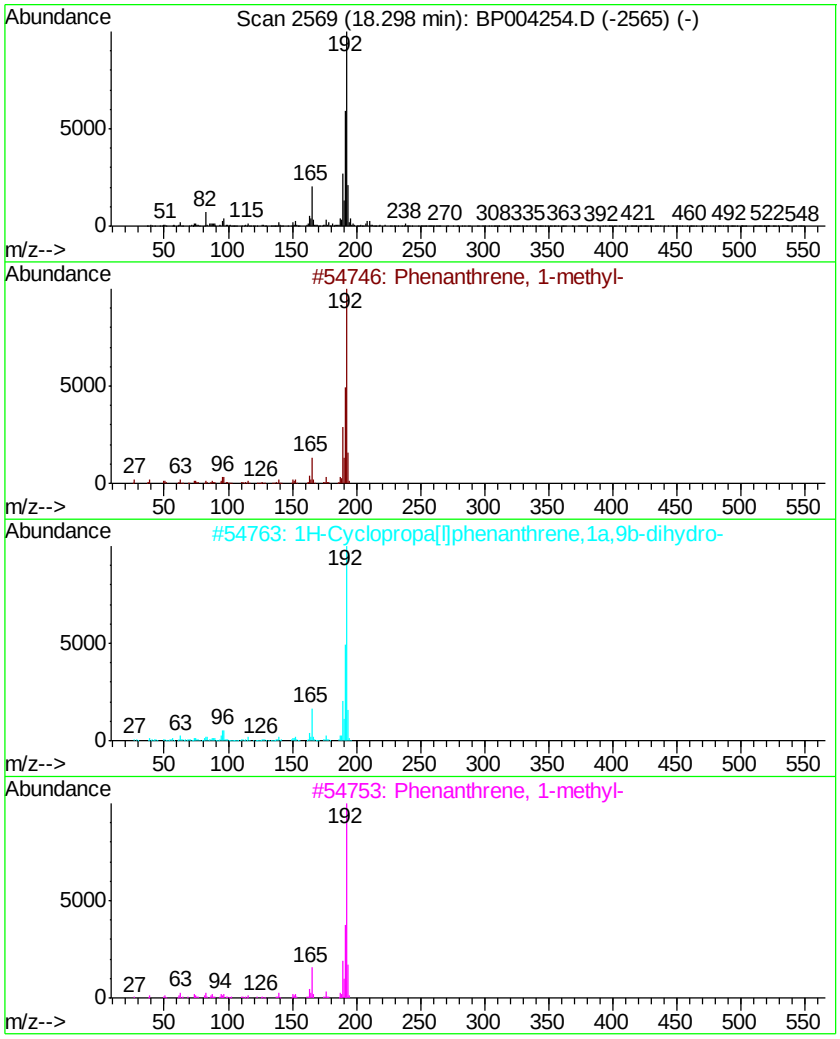
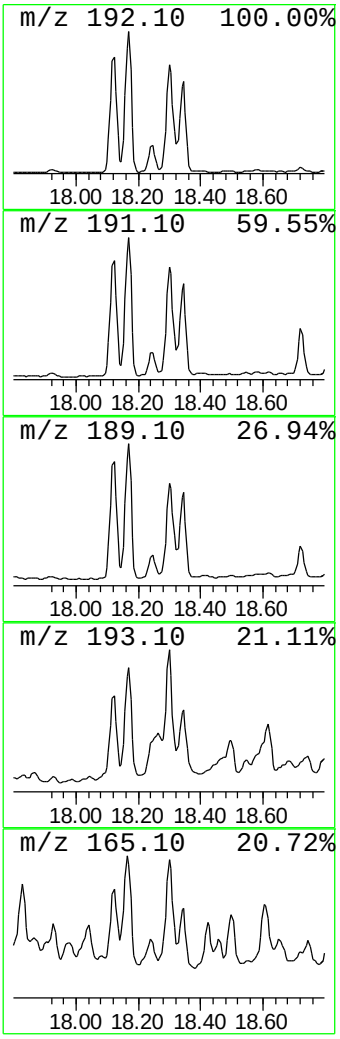
Peak Number 62 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	28.40 ng/ul	12005700	Phenanthrene-d10	17.25

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, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92





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Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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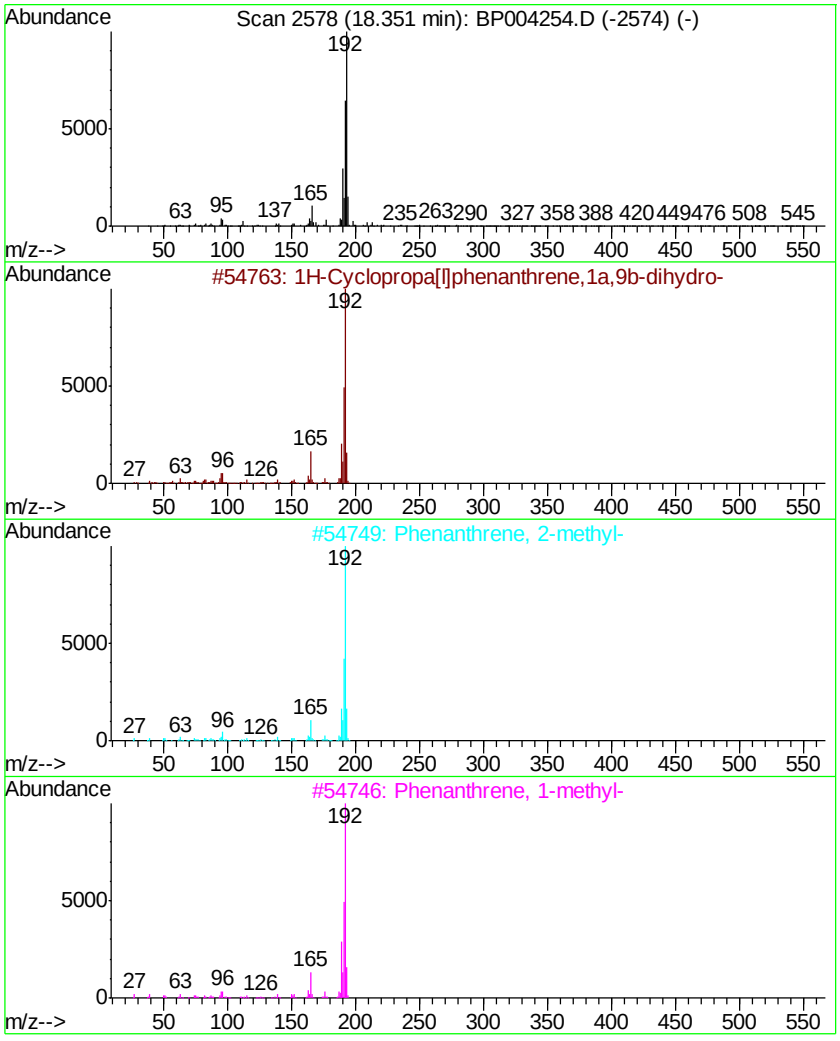
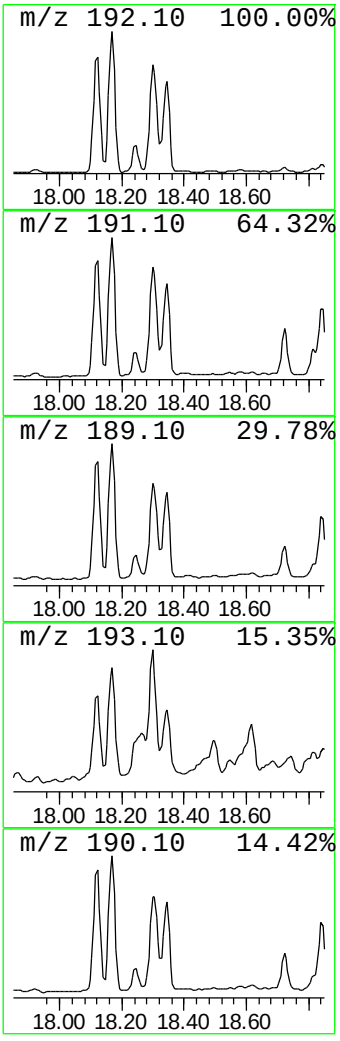
Peak Number 63 unknown-09 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	19.82 ng/ul	8378610	Phenanthrene-d10	17.25

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





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Acq On : 12 Dec 2020 12:19
Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

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Quant Title : SVOA CALIBRATION

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

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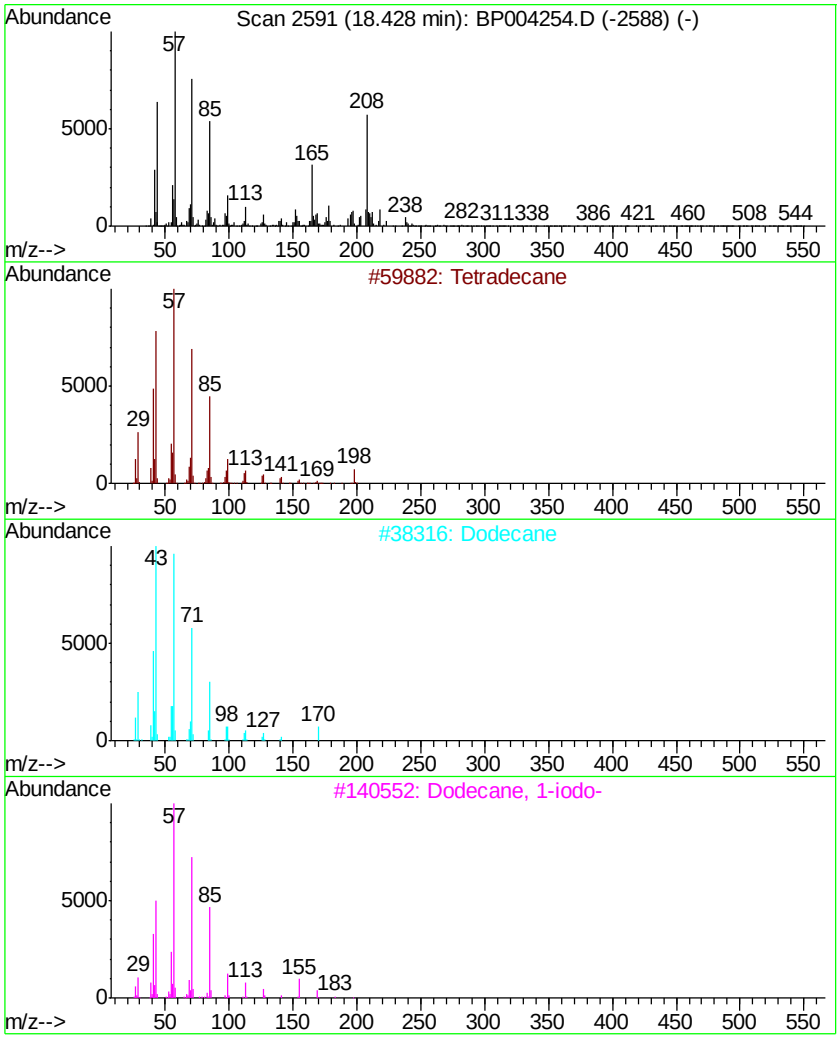
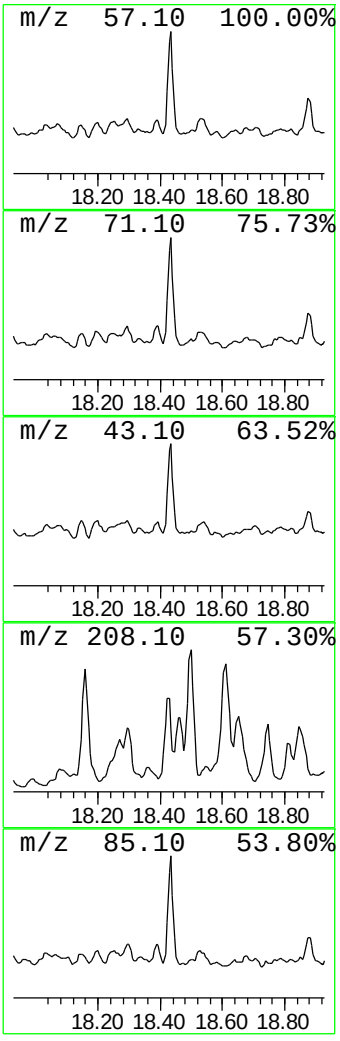
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	13.70 ng/ul	5788810	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	53
2	Dodecane	170	C12H26	000112-40-3	50
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49
4	Hexadecane	226	C16H34	000544-76-3	49
5	Octadecane	254	C18H38	000593-45-3	49





Library Search Compound Report

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Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

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Quant Title : SVOA CALIBRATION

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

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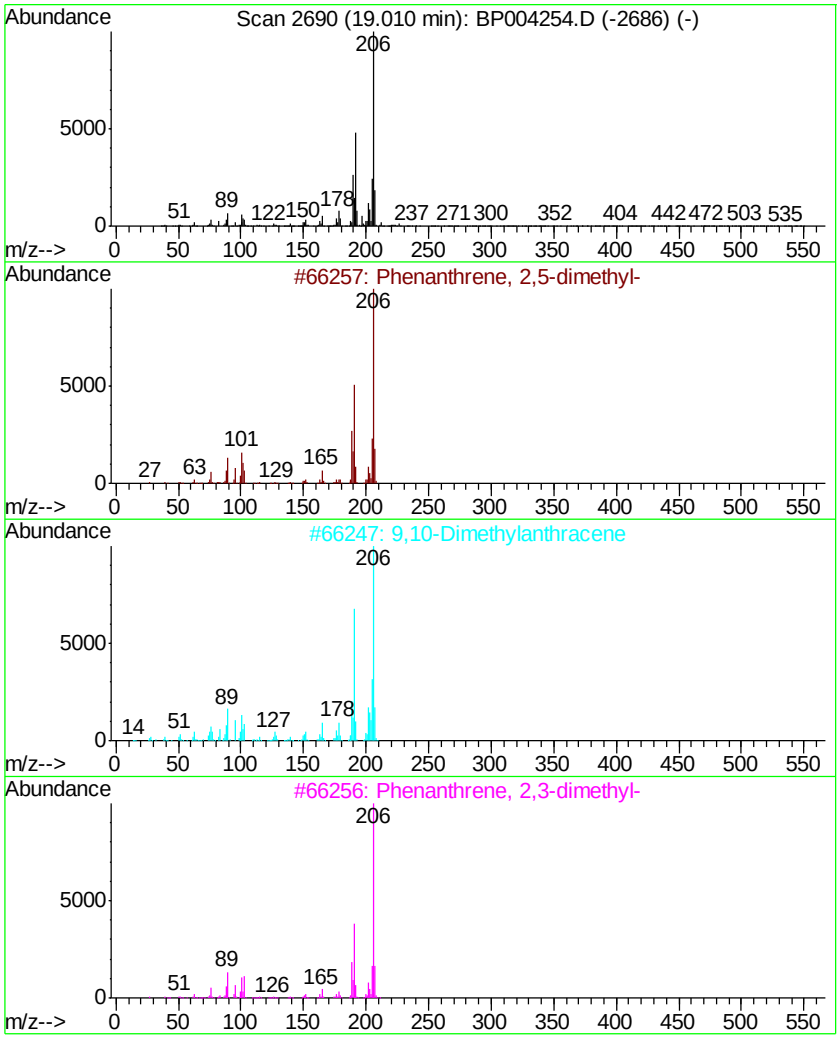
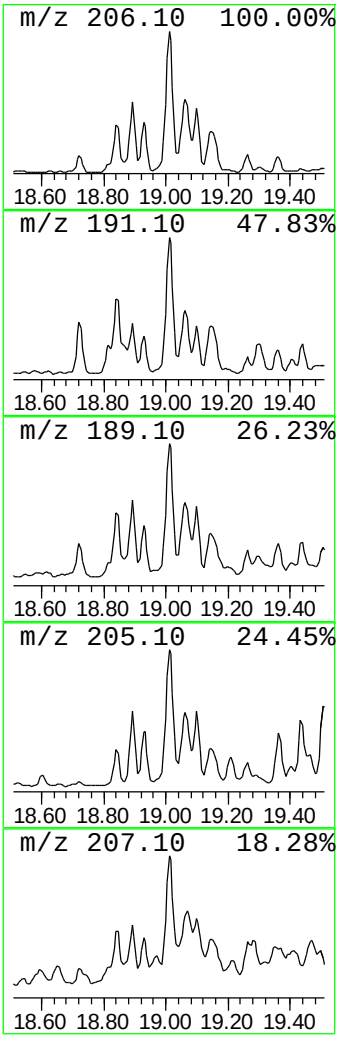
Peak Number 69 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	40.74 ng/ul	17222000	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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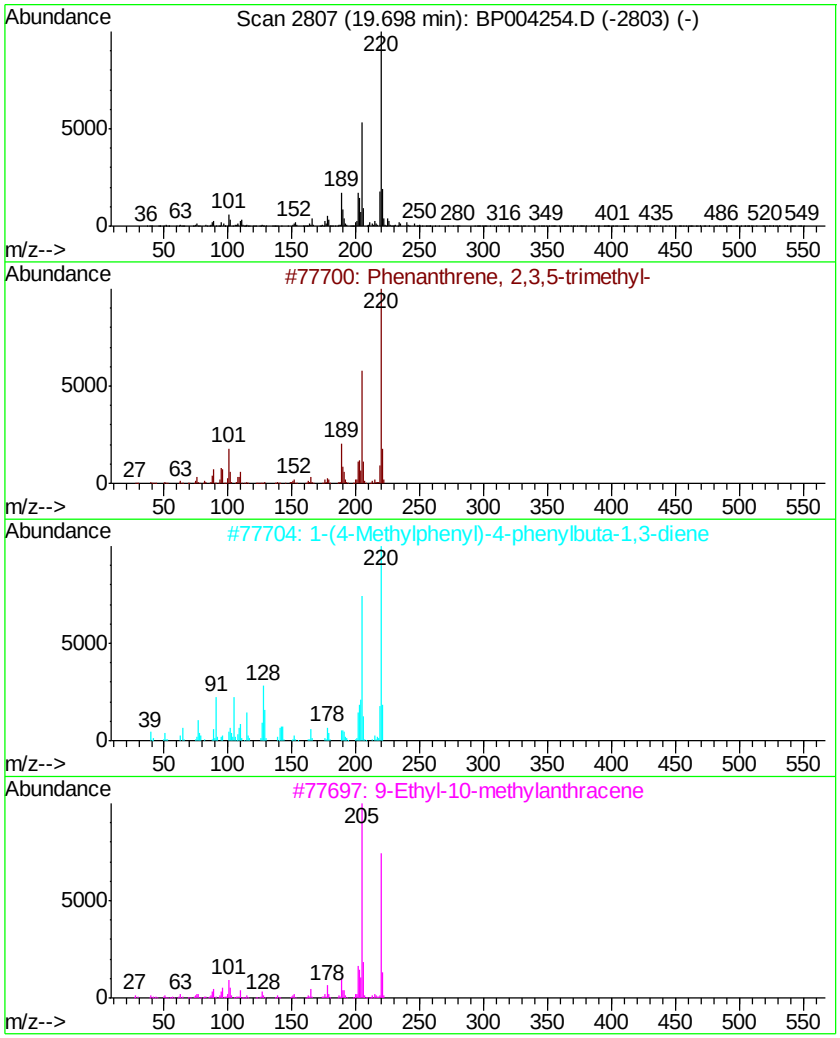
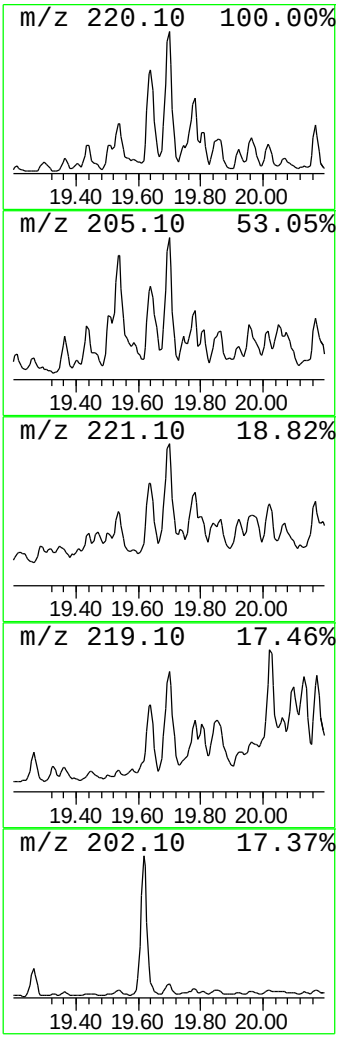
Peak Number 71 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	38.72 ng/ul	10238700	Chrysene-d12	21.35

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	90
3	9-Ethyl-10-methylanthracene	220	C17H16	019713-49-6	64
4	Tricyclo[9.2.2.2(4,7)]heptadeca-...	220	C17H16	049576-90-1	59
5	Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	59





Library Search Compound Report

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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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

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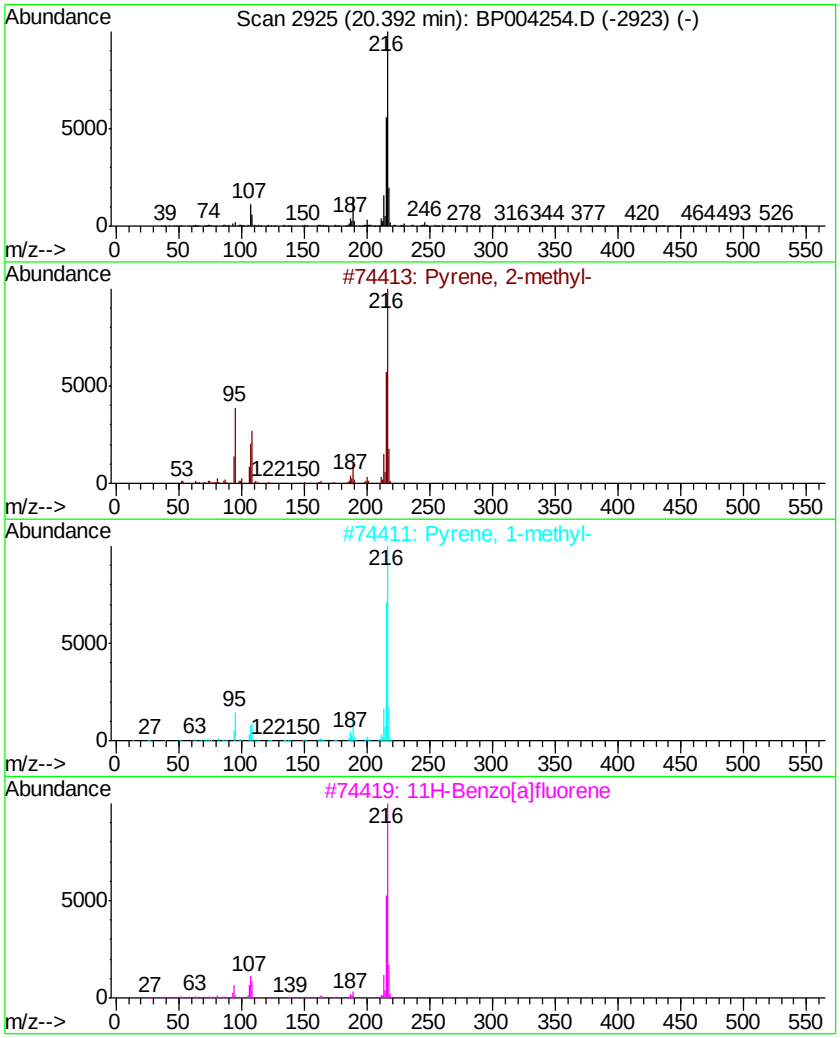
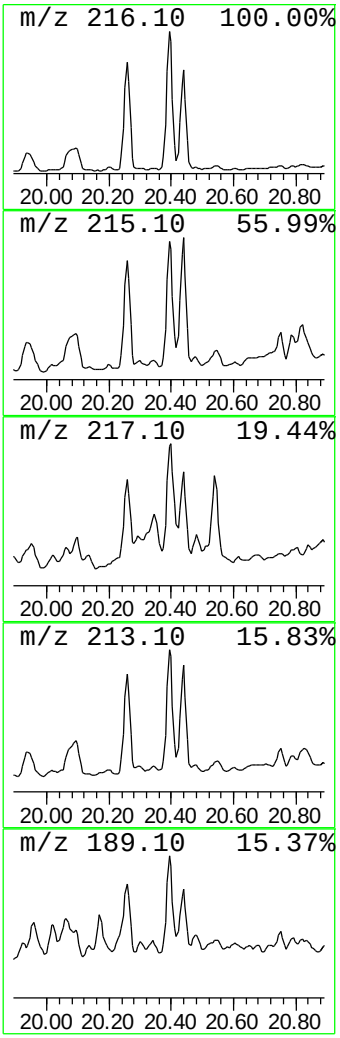
Peak Number 72 Pyrene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	20.00 ng/ul	5288540	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





Tentatively Identified Compound (LSC) summary

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Operator : CG/JU
Sample : L5063-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.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
unknown-01	11.05	3.4	ng/ul	1121810	2	10.63	6631570	20.0
(DEL) Alkane: Cyc...	11.13	4.8	ng/ul	1583740	2	10.63	6631570	20.0
unknown-02	11.33	9.2	ng/ul	3041970	2	10.63	6631570	20.0
(DEL) Alkane: Cyc...	11.69	11.4	ng/ul	3764720	2	10.63	6631570	20.0
(DEL) Alkane: Cyc...	11.93	3.7	ng/ul	1212780	2	10.63	6631570	20.0
unknown-03	12.47	2.7	ng/ul	885713	2	10.63	6631570	20.0
Naphthalene, 1-me...	12.51	14.4	ng/ul	4786430	2	10.63	6631570	20.0
(DEL) Alkane: Str...	13.03	8.6	ng/ul	1914520	3	14.48	4445420	20.0
1H-Indene, 2,3-di...	13.42	22.6	ng/ul	5029610	3	14.48	4445420	20.0
Naphthalene, 2,7-...	13.65	52.6	ng/ul	11688000	3	14.48	4445420	20.0
Naphthalene, 1,5-...	13.80	61.7	ng/ul	13713800	3	14.48	4445420	20.0
Naphthalene, 2,3-...	14.04	23.1	ng/ul	5141850	3	14.48	4445420	20.0
(DEL) Alkane: Str...	14.39	7.2	ng/ul	1608140	3	14.48	4445420	20.0
Naphthalene, 2-(1...	14.62	12.9	ng/ul	2874990	3	14.48	4445420	20.0
Naphthalene, 2,3,...	14.78	14.4	ng/ul	3209840	3	14.48	4445420	20.0
Naphthalene, 1,6,...	14.96	68.8	ng/ul	15282500	3	14.48	4445420	20.0
unknown-04	15.02	11.0	ng/ul	2451620	3	14.48	4445420	20.0
unknown-05	15.11	69.2	ng/ul	15386900	3	14.48	4445420	20.0
unknown-06	15.16	42.0	ng/ul	9344930	3	14.48	4445420	20.0
Naphthalene, 1,4,...	15.28	50.3	ng/ul	11188500	3	14.48	4445420	20.0
unknown-07	15.31	21.9	ng/ul	4859080	3	14.48	4445420	20.0
(DEL) Alkane: Str...	15.35	5.6	ng/ul	1239150	3	14.48	4445420	20.0
1,1'-Biphenyl, 2-...	15.66	24.1	ng/ul	5345380	3	14.48	4445420	20.0
Chamazulene	15.76	45.8	ng/ul	10185600	3	14.48	4445420	20.0
Naphthalene, 1,2,...	15.82	19.7	ng/ul	4388230	3	14.48	4445420	20.0
Cyclopentene, 1,2...	16.22	35.9	ng/ul	15168800	4	17.25	8453610	20.0
Naphthalene, 1-me...	16.36	21.9	ng/ul	9262610	4	17.25	8453610	20.0
(DEL) Alkane: Str...	17.02	5.9	ng/ul	2495680	4	17.25	8453610	20.0
unknown-08	17.07	33.9	ng/ul	14308100	4	17.25	8453610	20.0
9H-Fluorene, 2,3-...	17.67	20.3	ng/ul	8578860	4	17.25	8453610	20.0
Phenanthrene, 1-m...	18.12	25.6	ng/ul	10811400	4	17.25	8453610	20.0
Phenanthrene, 2-m...	18.16	41.9	ng/ul	17705600	4	17.25	8453610	20.0
1H-Cyclopropa[l]p...	18.30	28.4	ng/ul	12005700	4	17.25	8453610	20.0
unknown-09	18.35	19.8	ng/ul	8378610	4	17.25	8453610	20.0
(DEL) Alkane: Str...	18.43	13.7	ng/ul	5788810	4	17.25	8453610	20.0
Phenanthrene, 2,5...	19.01	40.7	ng/ul	17222000	4	17.25	8453610	20.0
Phenanthrene, 2,3...	19.70	38.7	ng/ul	10238700	5	21.35	5288540	20.0
Pyrene, 2-methyl-	20.39	20.0	ng/ul	5288540	5	21.35	5288540	20.0