LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119617.D
Acq On : 28 Mar 2020 15:24
Operator : CG/JU
Sample : L2040-04
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-06

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF031820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.045	497	503	512	rVB	777933	1040059	12.17%	0.834%
2	5.445	566	571	574	rBV	7009281	7247110	84.80%	5.810%
3	6.457	737	743	746	rBV	6131041	7040806	82.39%	5.645%
4	6.834	803	807	810	rBV	2369743	1921257	22.48%	1.540%
5	6.992	829	834	837	rBV	6237249	5505017	64.42%	4.413%
6	7.392	897	902	905	rBV	4544018	4823429	56.44%	3.867%
7	8.116	1019	1025	1028	rBV	3080790	2691310	31.49%	2.158%
8	8.710	1124	1126	1130	rVB	367412	324964	3.80%	0.261%
9	8.928	1158	1163	1168	rBV	287150	267921	3.14%	0.215%
10	9.198	1204	1209	1212	rBV	9303949	8224387	96.24%	6.593%
11	9.280	1219	1223	1227	rBV2	623085	711066	8.32%	0.570%
12	9.463	1248	1254	1258	rVB2	281859	457442	5.35%	0.367%
13	9.533	1260	1266	1268	rVV2	488620	519090	6.07%	0.416%
14	9.557	1268	1270	1273	rVV	368776	311817	3.65%	0.250%
15	9.586	1273	1275	1279	rVV	868188	859393	10.06%	0.689%
16	9.622	1279	1281	1284	rVV2	163630	150008	1.76%	0.120%
17	9.651	1284	1286	1290	rVB2	213650	261896	3.06%	0.210%
18	9.733	1297	1300	1305	rVB	289711	250248	2.93%	0.201%
19	9.810	1310	1313	1316	rVV	830704	608488	7.12%	0.488%
20	9.875	1317	1324	1327	rBV	3271079	3016899	35.30%	2.419%
21	9.910	1327	1330	1333	rVB	2377035	1979105	23.16%	1.587%
22	9.980	1339	1342	1346	rVB2	127201	152056	1.78%	0.122%
23	10.033	1347	1351	1355	rBV4	200556	288872	3.38%	0.232%
24	10.080	1355	1359	1362	rBV	1469712	1259626	14.74%	1.010%
25	10.192	1375	1378	1381	rBV2	243889	224134	2.62%	0.180%
26	10.310	1395	1398	1401	rVB	840287	686474	8.03%	0.550%
27	10.374	1406	1409	1413	rVB3	139574	175130	2.05%	0.140%
28	10.422	1413	1417	1423	rBV	2758878	2499276	29.25%	2.004%
29	10.475	1423	1426	1427	rBV2	168240	157441	1.84%	0.126%
30	10.486	1427	1428	1430	rVV	216677	159724	1.87%	0.128%
31	10.510	1430	1432	1434	rVV	358584	311885	3.65%	0.250%
32	10.533	1434	1436	1438	rVV2	339948	278115	3.25%	0.223%
33	10.580	1442	1444	1448	rVB	601625	492569	5.76%	0.395%
34	10.663	1453	1458	1462	rBV	5319518	5467749	63.98%	4.383%

LSC Area Percent Report

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Operator : CG/JU
Sample : L2040-04
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-06

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.786	1476	1479	1486	rVB	928424	1032577	12.08%	0.828%
36	10.974	1506	1511	1513	rBV2	427953	435850	5.10%	0.349%
37	10.998	1513	1515	1521	rVB4	211343	209473	2.45%	0.168%
38	11.057	1521	1525	1527	rVB2	144826	149331	1.75%	0.120%
39	11.169	1540	1544	1548	rVB	1736710	1598349	18.70%	1.281%
40	11.216	1548	1552	1553	rBV	216073	258257	3.02%	0.207%
41	11.233	1553	1555	1557	rVV	751721	608300	7.12%	0.488%
42	11.263	1557	1560	1565	rVB2	958271	985032	11.53%	0.790%
43	11.363	1573	1577	1579	rBV	2471439	2616296	30.62%	2.097%
44	11.392	1579	1582	1585	rVV	8426919	8545681	100.00%	6.851%
45	11.439	1587	1590	1593	rVV	1972381	1574890	18.43%	1.263%
46	11.469	1593	1595	1599	rVB2	218585	219223	2.57%	0.176%
47	11.592	1610	1616	1618	rBV2	378375	442869	5.18%	0.355%
48	11.616	1618	1620	1625	rVB2	158529	164359	1.92%	0.132%
49	11.663	1625	1628	1631	rVV	610357	495214	5.79%	0.397%
50	11.692	1631	1633	1639	rVB3	111156	157107	1.84%	0.126%
51	11.863	1659	1662	1665	rBV	638971	597206	6.99%	0.479%
52	11.892	1665	1667	1671	rVB	1678604	1394986	16.32%	1.118%
53	11.939	1672	1675	1678	rVB	320859	273451	3.20%	0.219%
54	11.980	1678	1682	1684	rBV	1522364	1468536	17.18%	1.177%
55	12.069	1694	1697	1700	rVB	430106	312709	3.66%	0.251%
56	12.163	1710	1713	1715	rBV	471579	430949	5.04%	0.345%
57	12.310	1733	1738	1741	rBV2	161036	193583	2.27%	0.155%
58	12.416	1752	1756	1759	rBV	251990	274704	3.21%	0.220%
59	12.457	1759	1763	1768	rVB3	433268	537830	6.29%	0.431%
60	12.498	1768	1770	1775	rVB3	232418	246424	2.88%	0.198%
61	12.580	1779	1784	1788	rBV	5751067	5954375	69.68%	4.774%
62	12.680	1797	1801	1806	rBV3	387785	486639	5.69%	0.390%
63	12.727	1807	1809	1815	rVV2	204752	205717	2.41%	0.165%
64	12.810	1816	1823	1826	rVV2	4658280	5377734	62.93%	4.311%
65	12.851	1828	1830	1836	rVB2	225013	274279	3.21%	0.220%
66	12.921	1839	1842	1844	rBV	263337	276007	3.23%	0.221%
67	12.951	1844	1847	1851	rVV	5585957	5170870	60.51%	4.145%
68	13.027	1854	1860	1863	rBV2	318905	562870	6.59%	0.451%
69	13.110	1871	1874	1875	rBV2	226872	209307	2.45%	0.168%
70	13.133	1875	1878	1882	rVB	967672	909269	10.64%	0.729%
71	13.198	1882	1889	1892	rBV2	917997	1032024	12.08%	0.827%

LSC Area Percent Report

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Sample : L2040-04
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-06

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.239	1892	1896	1898	rVV2	436608	451335	5.28%	0.362%
73	13.263	1898	1900	1903	rVB	209003	184438	2.16%	0.148%
74	13.327	1909	1911	1914	rVB	189927	167928	1.97%	0.135%
75	13.357	1914	1916	1920	rBV2	229509	245574	2.87%	0.197%
76	13.533	1943	1946	1948	rVV3	210873	173568	2.03%	0.139%
77	13.639	1962	1964	1969	rVB	137271	168584	1.97%	0.135%
78	13.751	1979	1983	1986	rBV2	277833	316955	3.71%	0.254%
79	13.780	1986	1988	1990	rVV	239770	199251	2.33%	0.160%
80	13.804	1990	1992	1996	rVV2	202877	232407	2.72%	0.186%
81	13.863	1998	2002	2010	rVB3	443971	695666	8.14%	0.558%
82	13.998	2018	2025	2029	rBV2	2020458	3233129	37.83%	2.592%
83	14.033	2029	2031	2036	rVB	1149740	1005997	11.77%	0.807%
84	14.110	2042	2044	2047	rVB	267169	197256	2.31%	0.158%
85	14.174	2052	2055	2060	rVB2	389775	379673	4.44%	0.304%
86	14.392	2087	2092	2095	rBV	191044	211198	2.47%	0.169%
87	14.480	2104	2107	2110	rVV2	734776	629832	7.37%	0.505%
88	14.515	2110	2113	2114	rVV	153935	157670	1.85%	0.126%
89	14.533	2114	2116	2120	rVB2	157250	171295	2.00%	0.137%
90	14.786	2155	2159	2163	rBV	875920	947183	11.08%	0.759%
91	15.039	2198	2202	2205	rBV	919074	1427208	16.70%	1.144%
92	15.127	2213	2217	2224	rVB2	985928	1269462	14.86%	1.018%
93	15.339	2249	2253	2260	rVB	520453	684664	8.01%	0.549%
94	15.404	2260	2264	2270	rVB	584190	698086	8.17%	0.560%
95	15.468	2270	2275	2278	rBV	1321887	1648462	19.29%	1.322%
96	15.509	2278	2282	2287	rVB2	869926	1239047	14.50%	0.993%
97	15.951	2352	2357	2362	rBV	583247	820798	9.60%	0.658%
98	16.456	2438	2443	2454	rBV	290566	583293	6.83%	0.468%
99	16.915	2517	2521	2531	rVB2	171806	351922	4.12%	0.282%
100	17.351	2591	2595	2605	rVB2	95841	196321	2.30%	0.157%

Sum of corrected areas: 124735242

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
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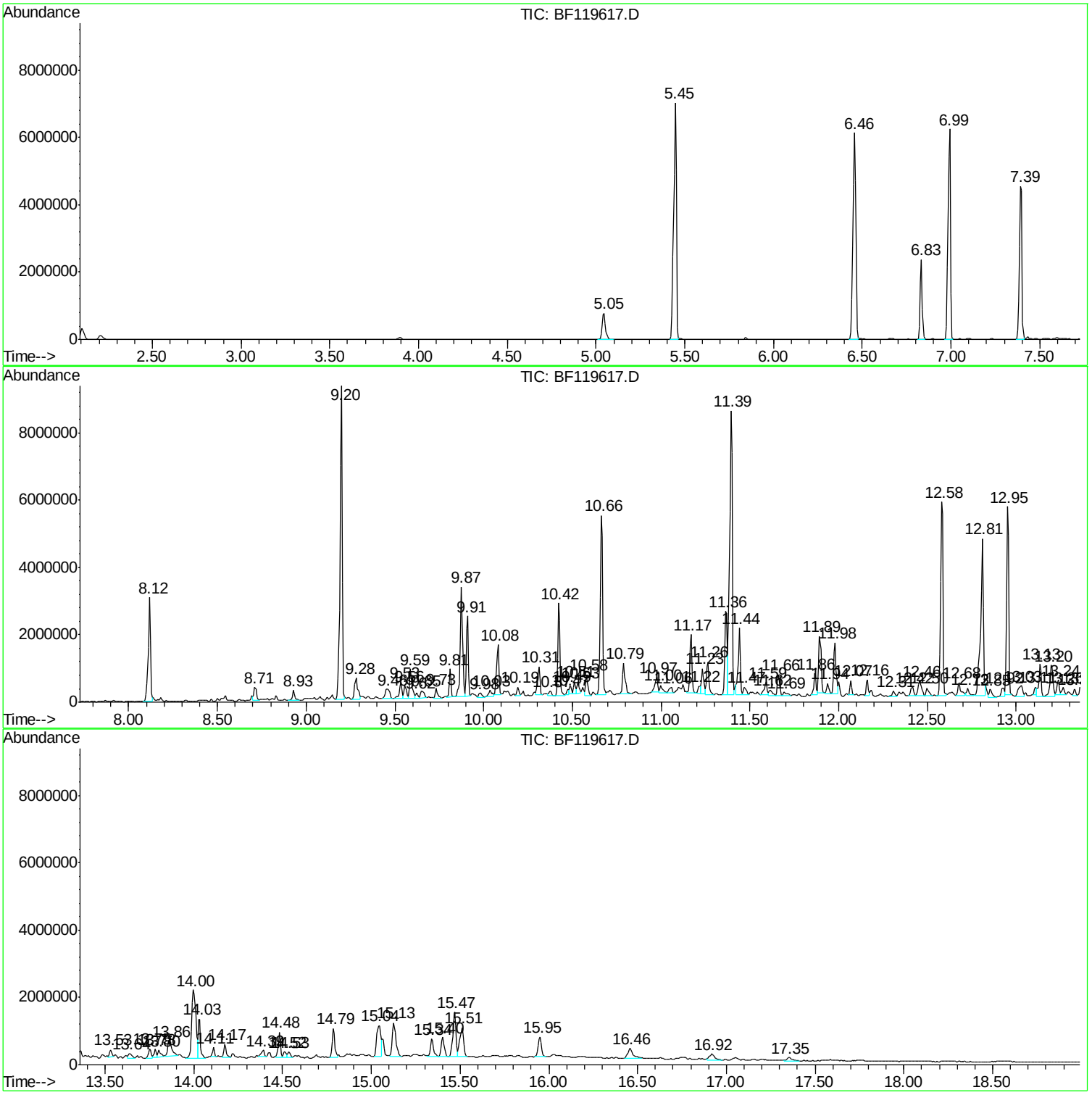
Operator : CG/JU
Sample : L2040-04
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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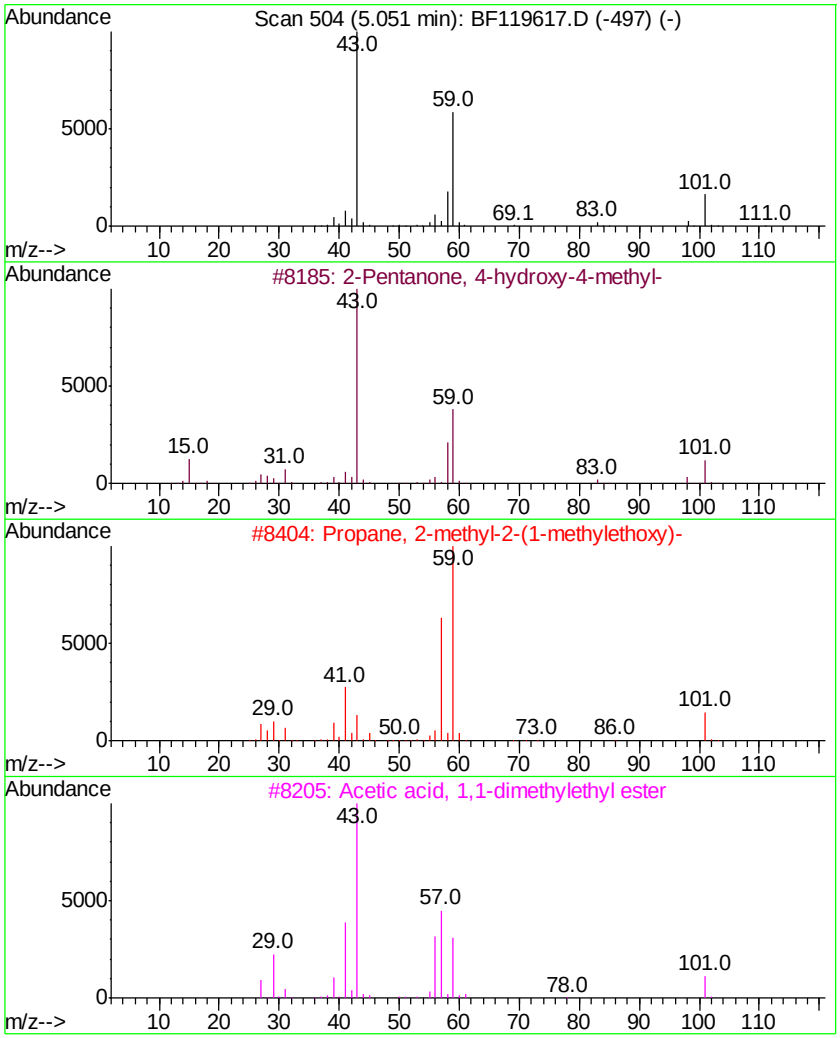
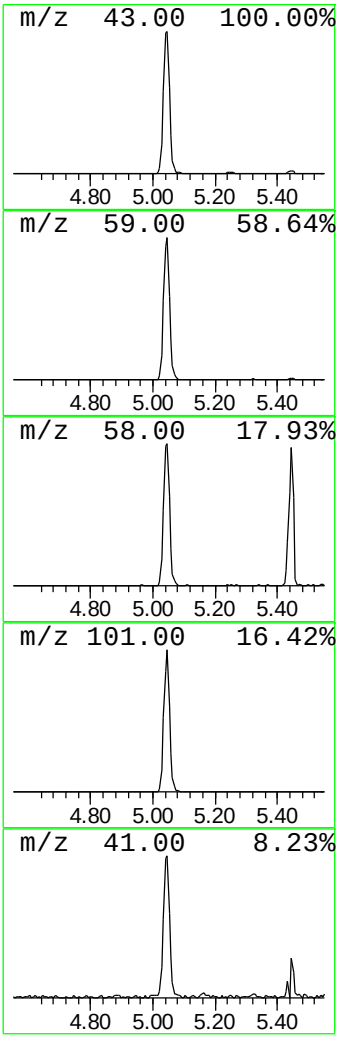
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	10.83 ng	1040060	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
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Instrument : BNA_F
ClientSampleId : RO-06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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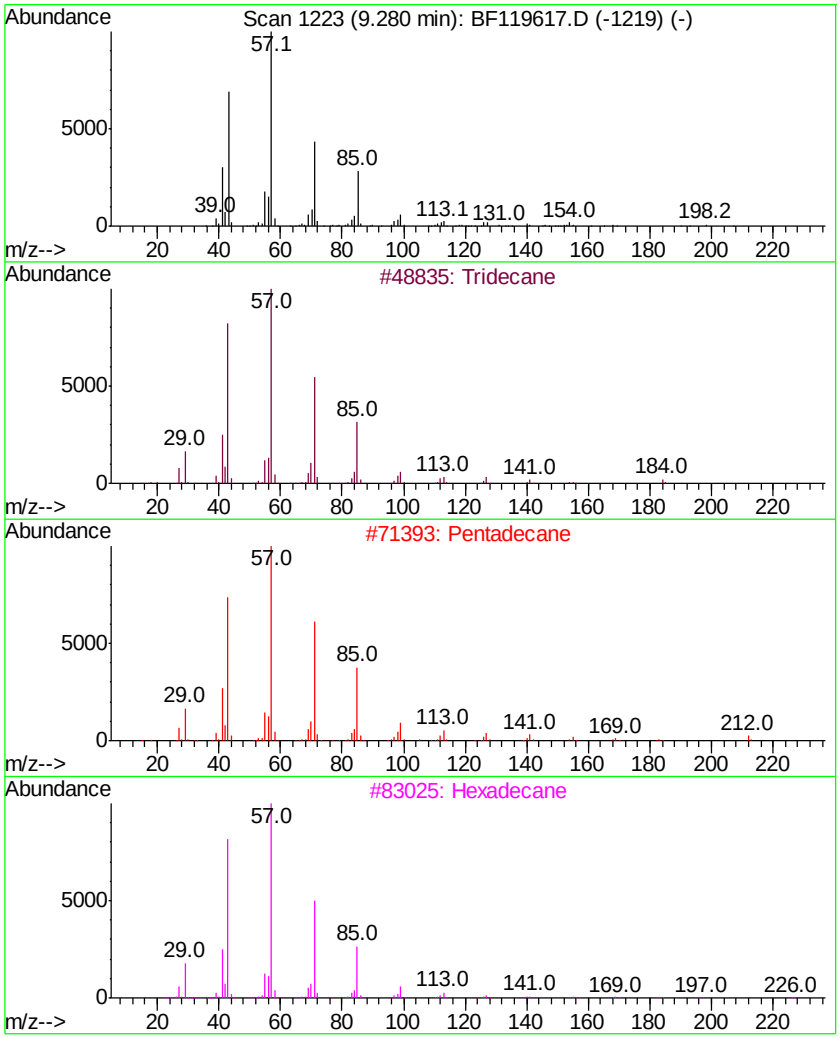
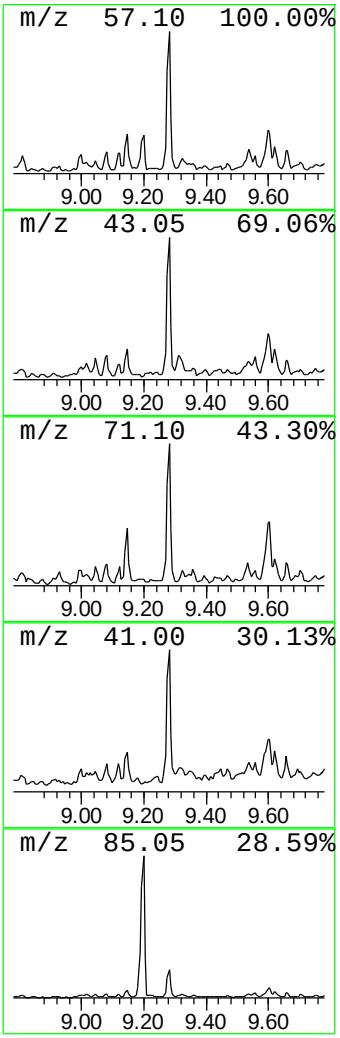
****

Peak Number 3 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	4.71 ng	711066	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Pentadecane	212	C15H32	000629-62-9	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Undecane	156	C11H24	001120-21-4	80
5	Tetradecane	198	C14H30	000629-59-4	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
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Operator : CG/JU
Sample : L2040-04
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
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TIC Library : C:\DATABASE\NIST11.L
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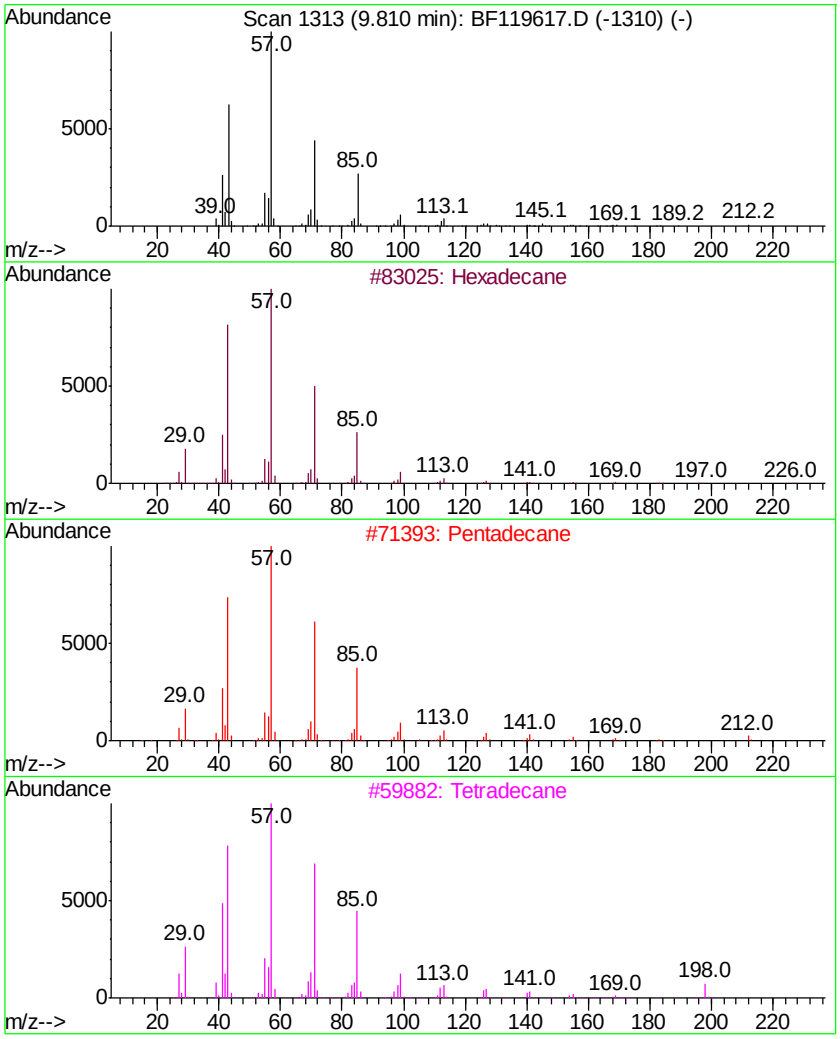
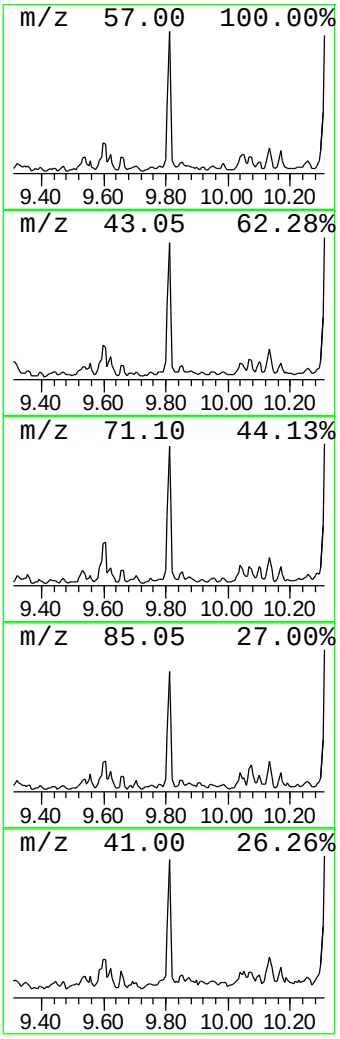
Peak Number 4 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	4.03 ng	608488	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	83
3	Tetradecane	198	C14H30	000629-59-4	80
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
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Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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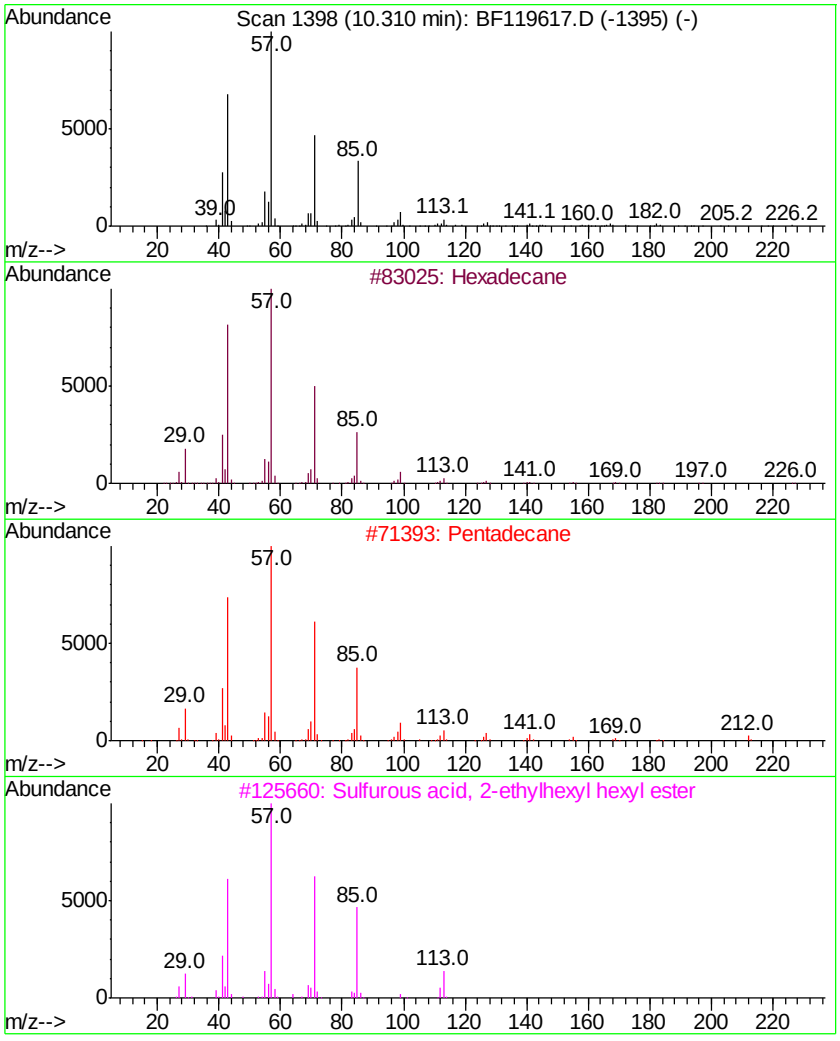
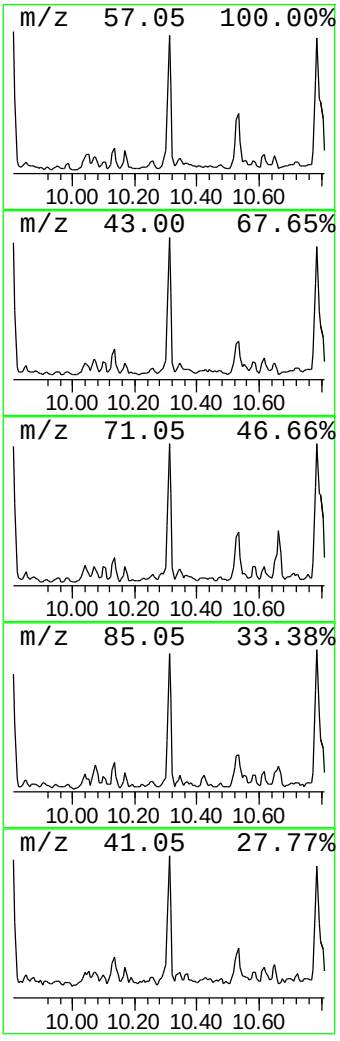
Peak Number 5 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	4.55 ng	686474	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Pentadecane	212	C15H32	000629-62-9	86
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4	Heptadecane	240	C17H36	000629-78-7	72
5	Eicosane	282	C20H42	000112-95-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
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Sample : L2040-04
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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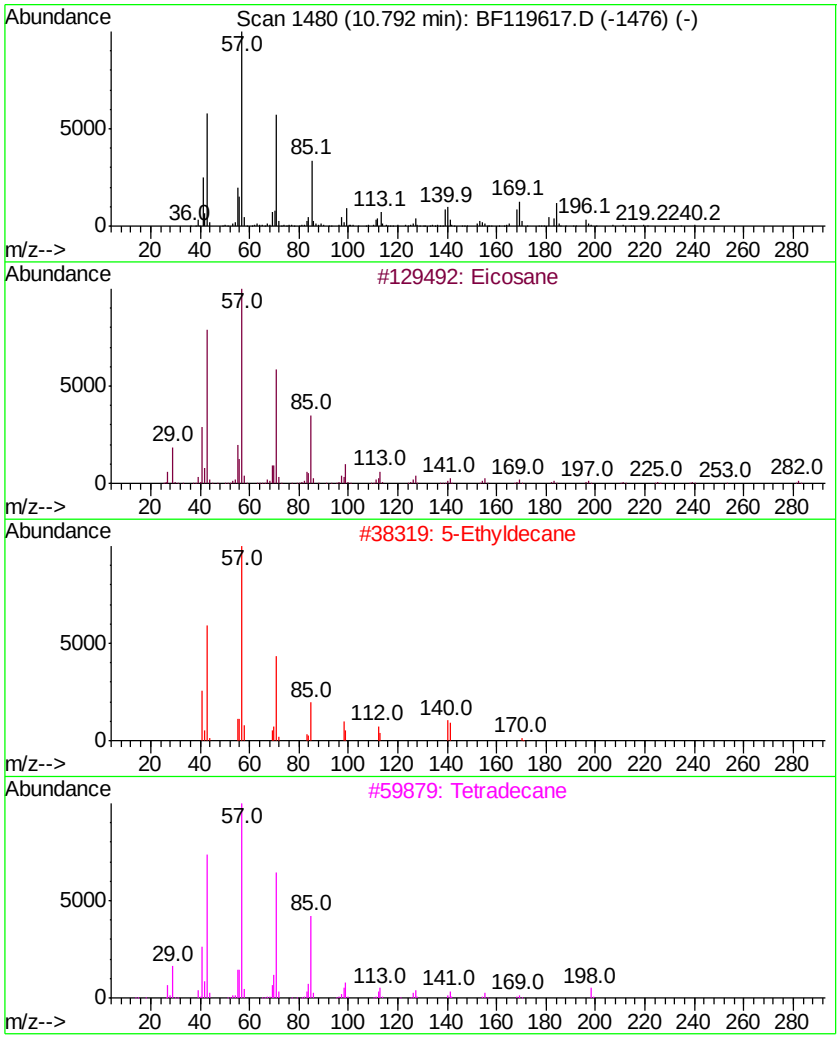
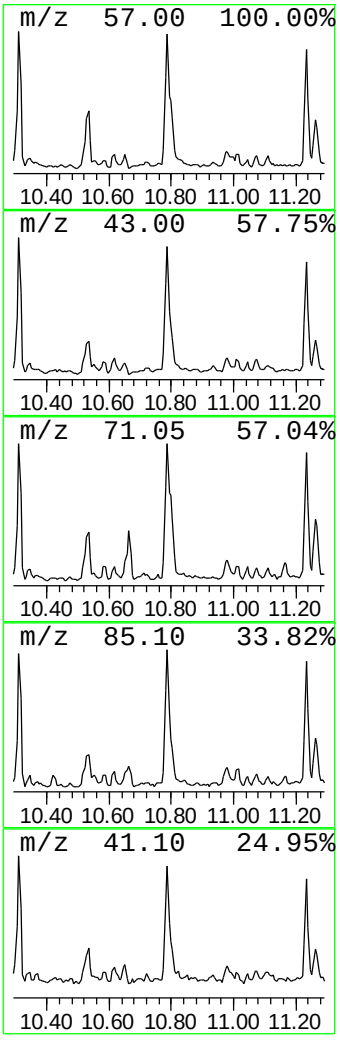
Peak Number 6 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	7.89 ng	1032580	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	68
2	5-Ethyldecane	170	C12H26	017302-36-2	68
3	Tetradecane	198	C14H30	000629-59-4	64
4	Tridecane	184	C13H28	000629-50-5	64
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	64





Library Search Compound Report

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Operator : CG/JU
Sample : L2040-04
Misc :
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ClientSampleId : RO-06

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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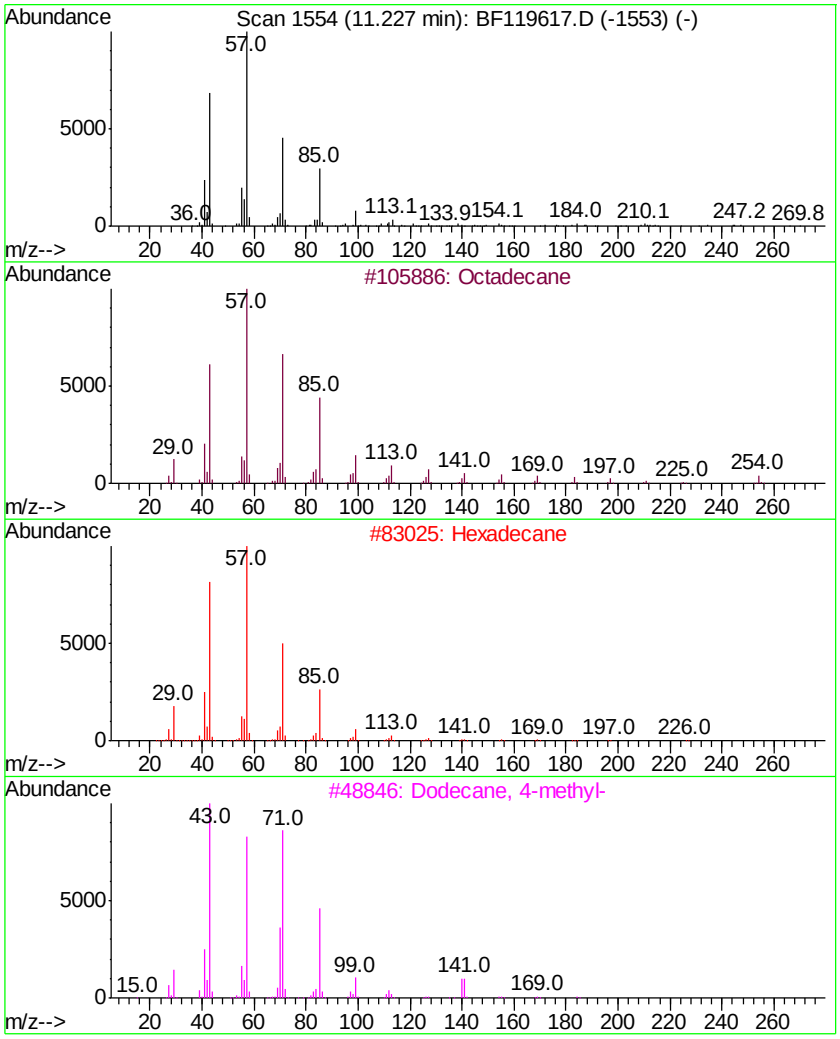
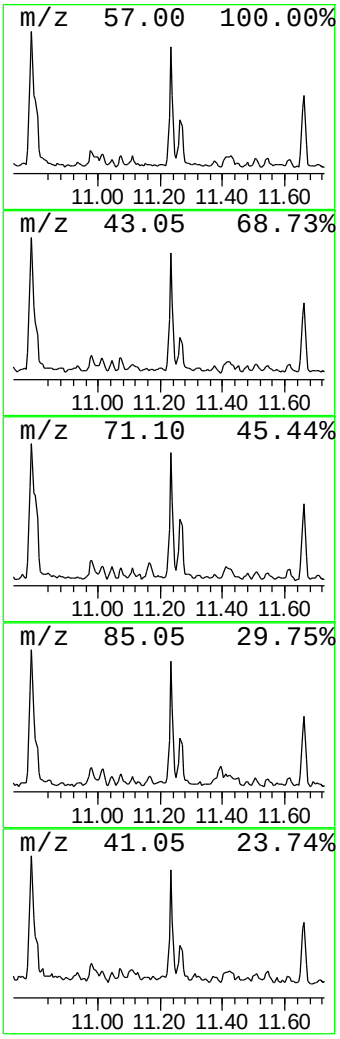
Peak Number 7 Octadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	4.65 ng	608300	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	81
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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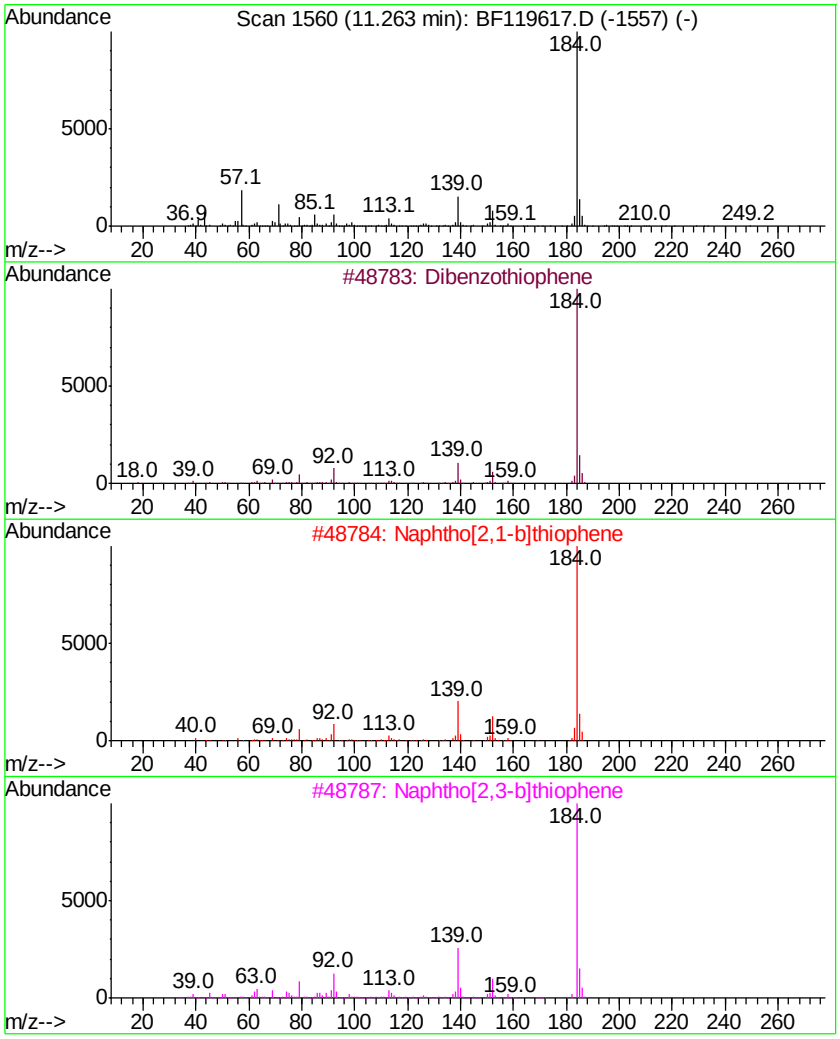
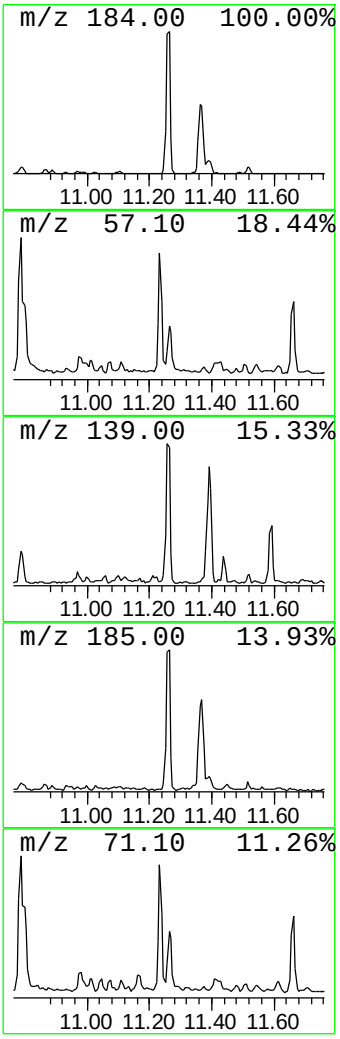
Peak Number 8 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	7.53 ng	985032	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	86
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	64





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

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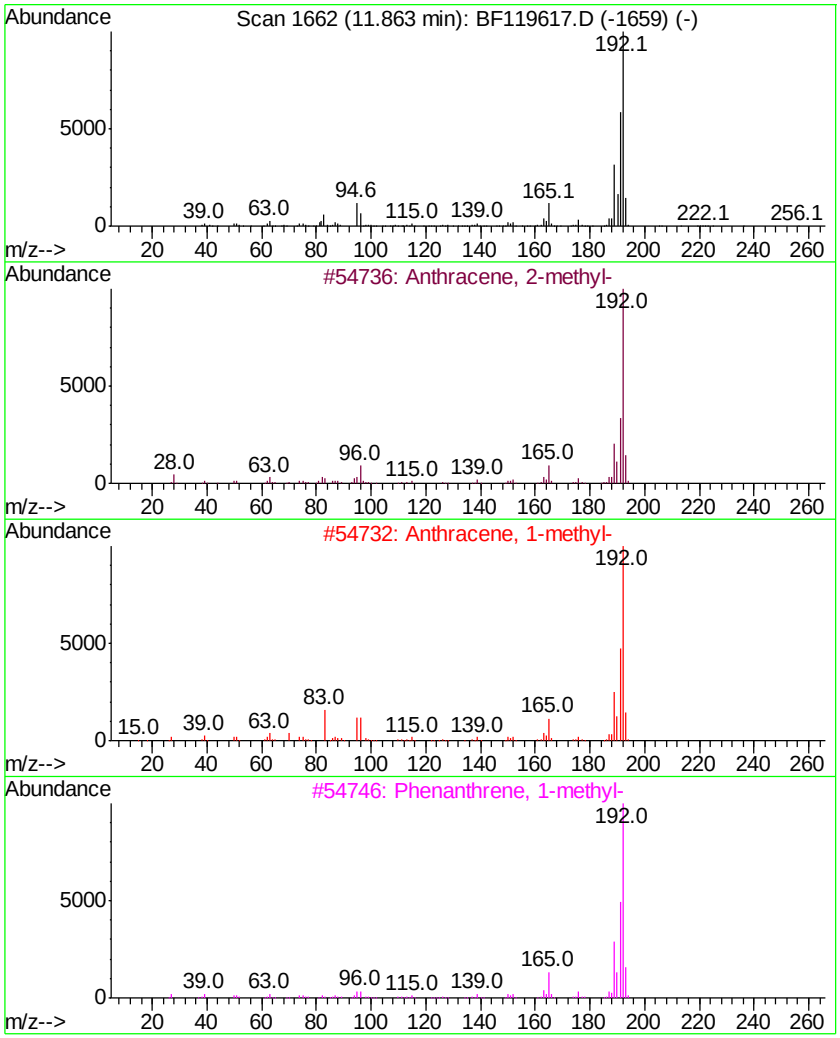
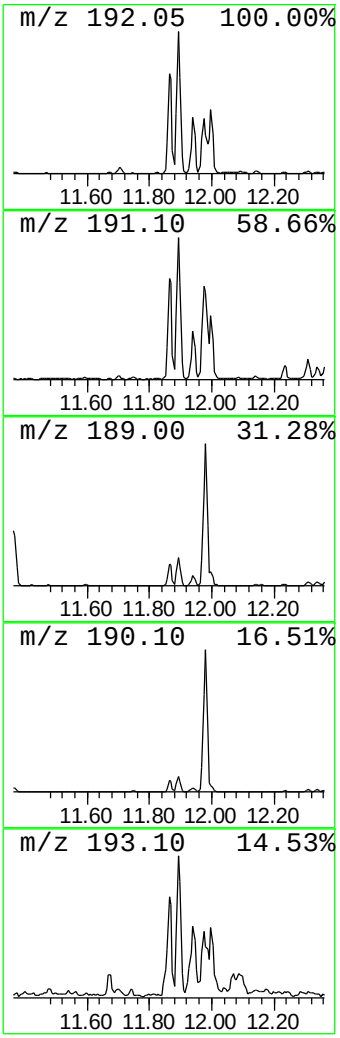
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	4.57 ng	597206	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87





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

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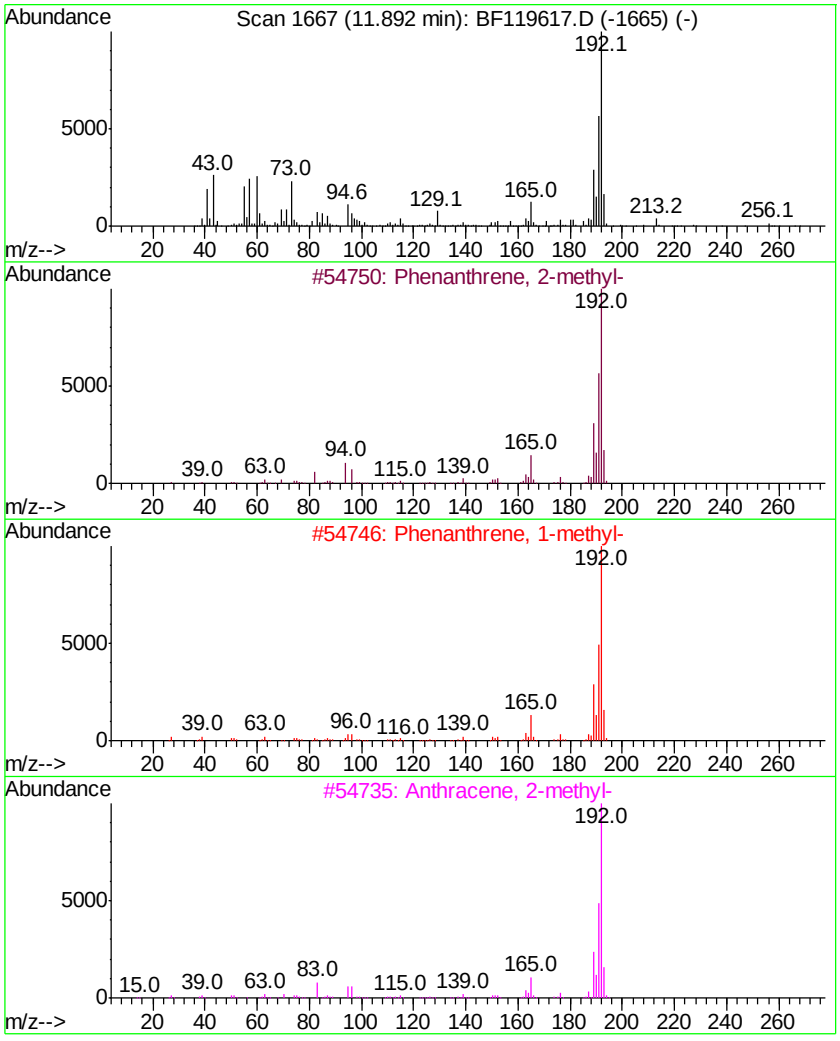
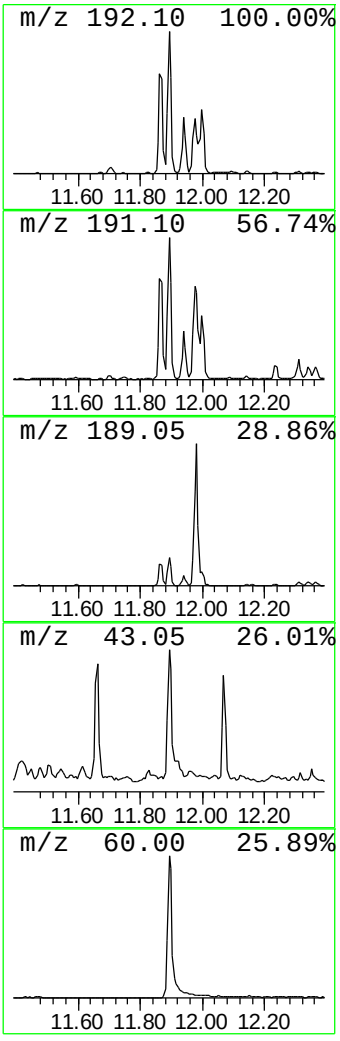
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	10.66 ng	1394990	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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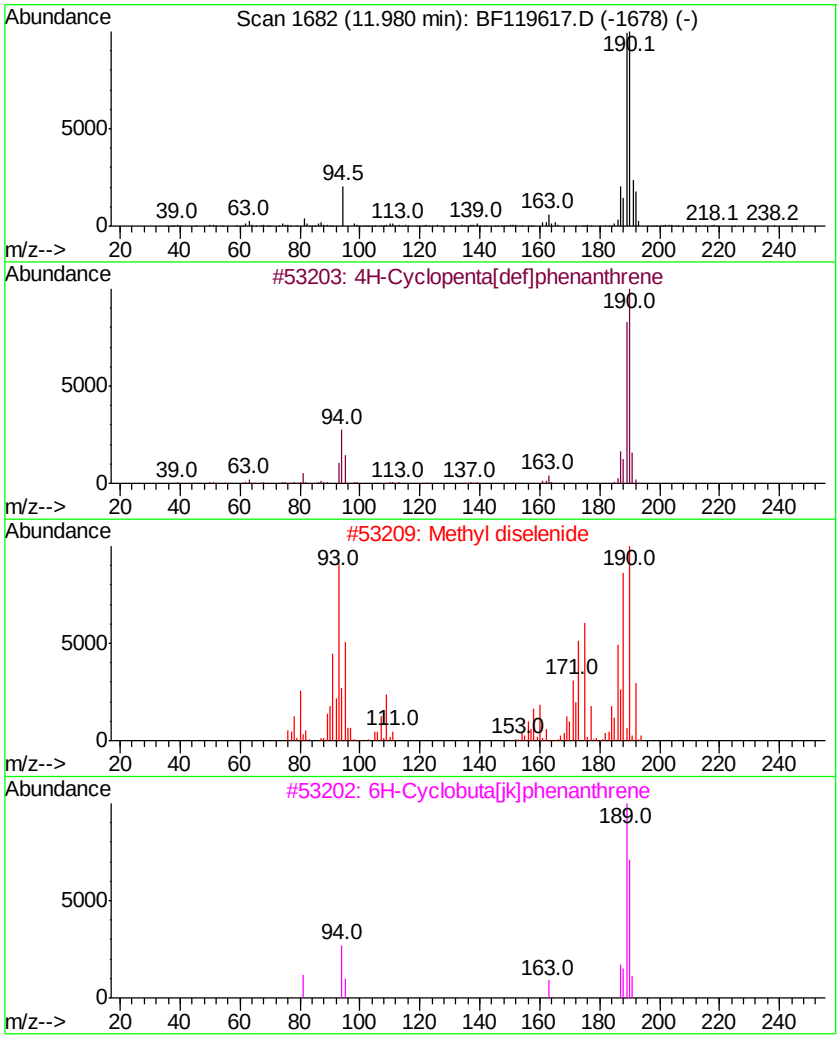
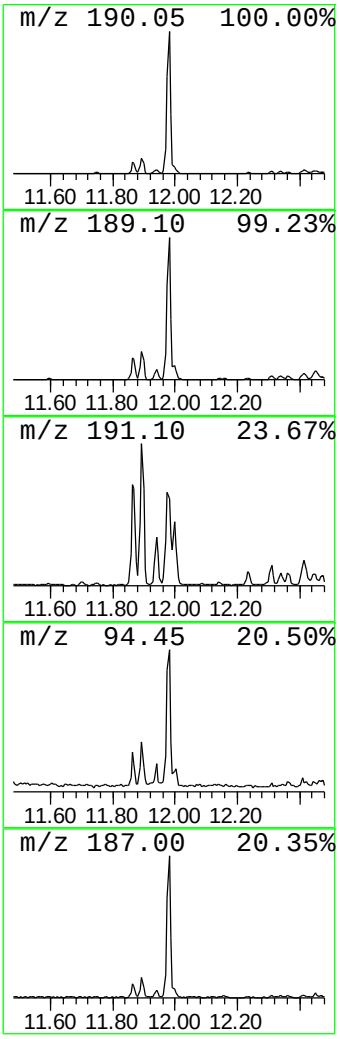
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	11.23 ng	1468540	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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

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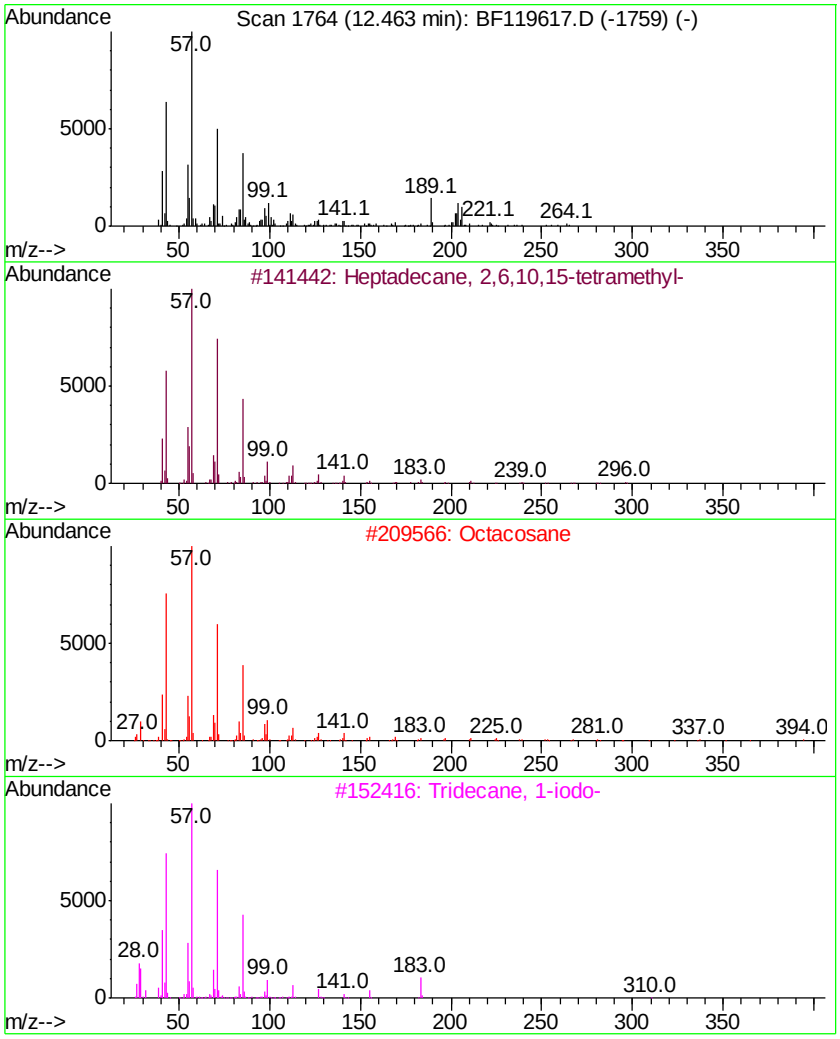
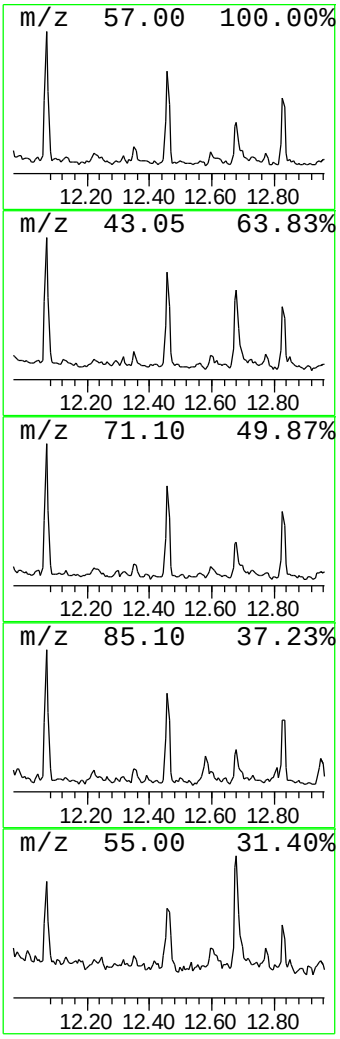
Peak Number 12 Heptadecane, 2,6,10,15-tetr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	4.11 ng	537830	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	66
2	Octacosane	394	C28H58	000630-02-4	45
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	43
4	Pentadecane	212	C15H32	000629-62-9	38
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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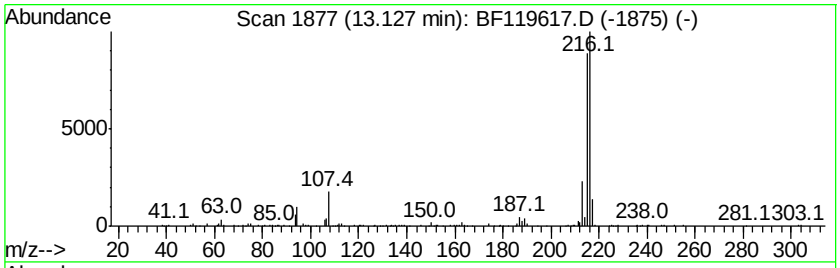
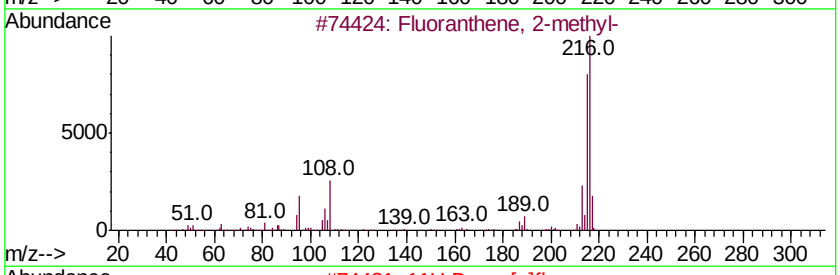
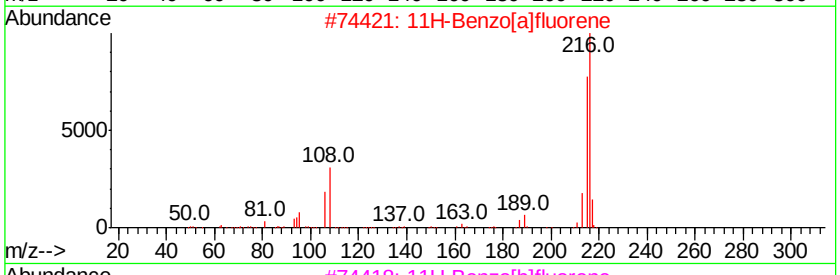
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 13

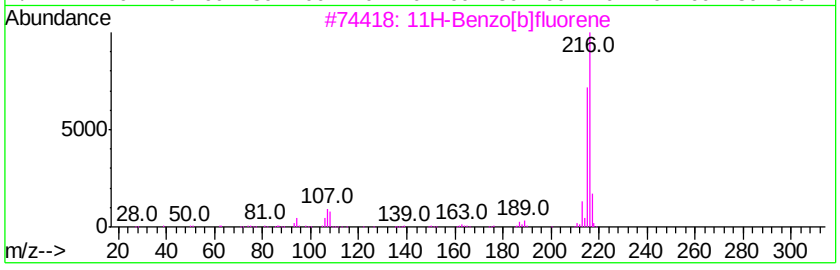
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	5.62 ng	909269	Chrysene-d12	14.00

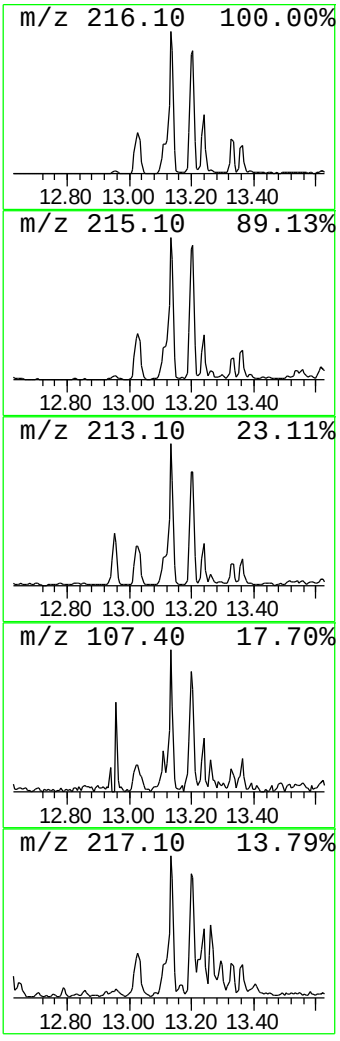
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64











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ClientSampleId : RO-06

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

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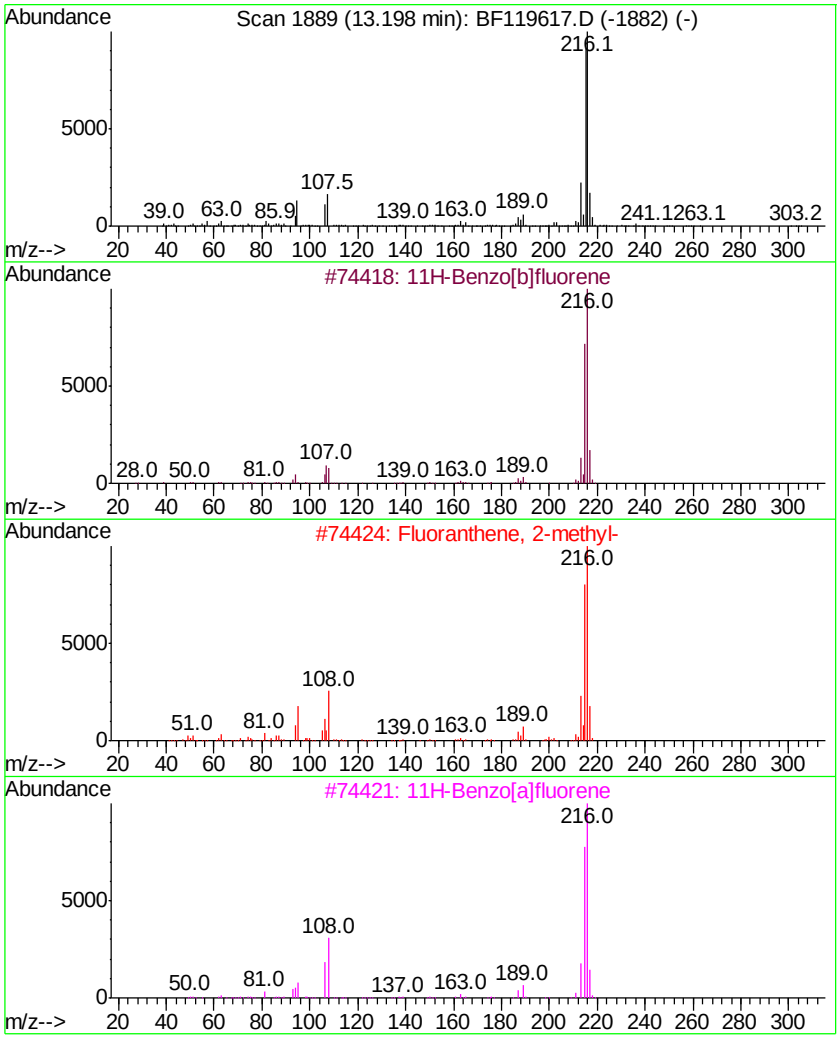
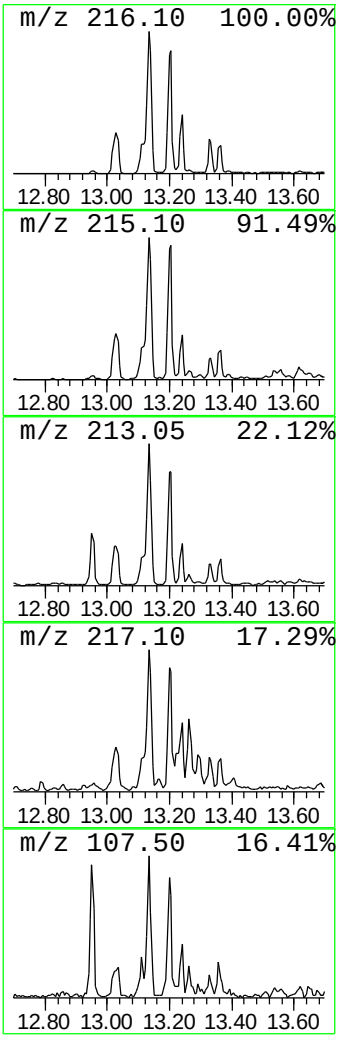
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	6.38 ng	1032020	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64





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ClientSampleId : RO-06

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TIC Library : C:\DATABASE\NIST11.L
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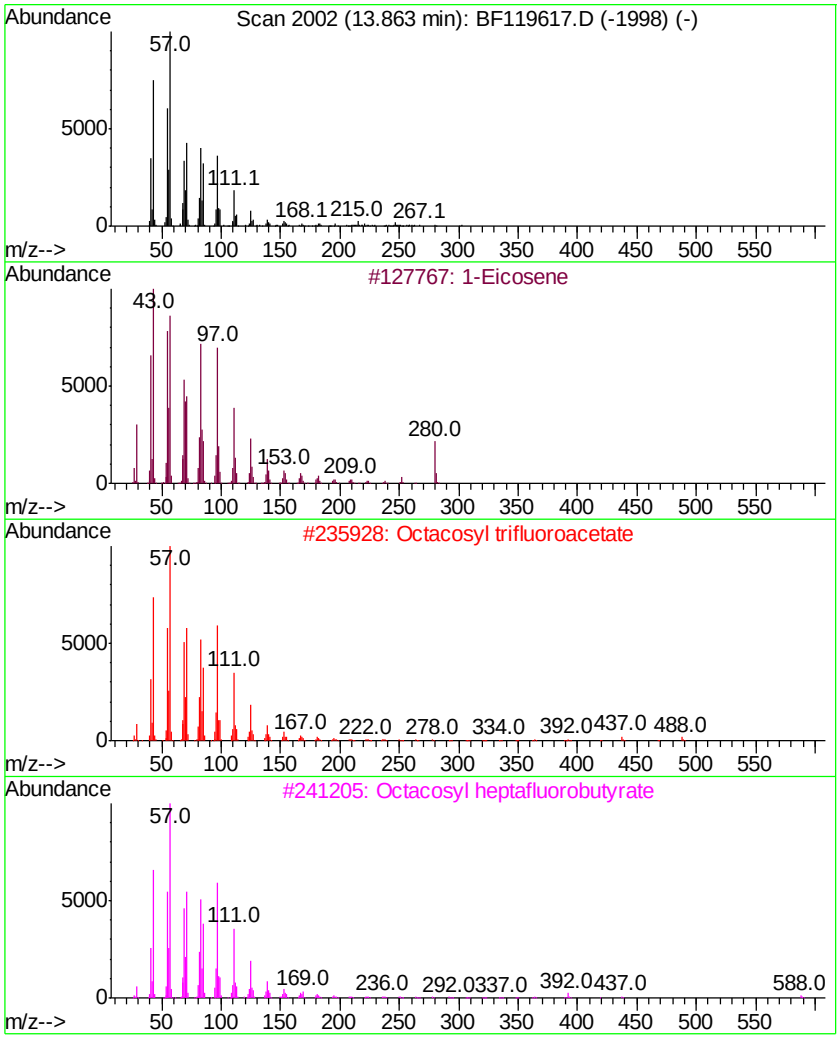
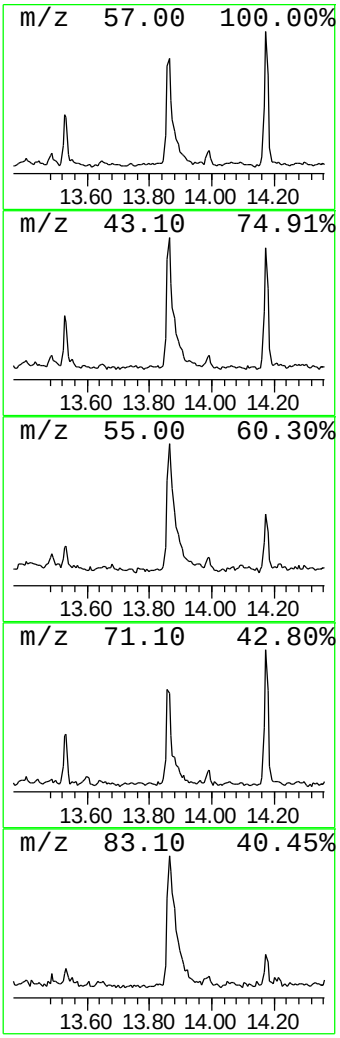
Peak Number 15 1-Eicosene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	4.30 ng	695666	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	95
2	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
3	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	91
4	Triacontyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	91
5	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	91





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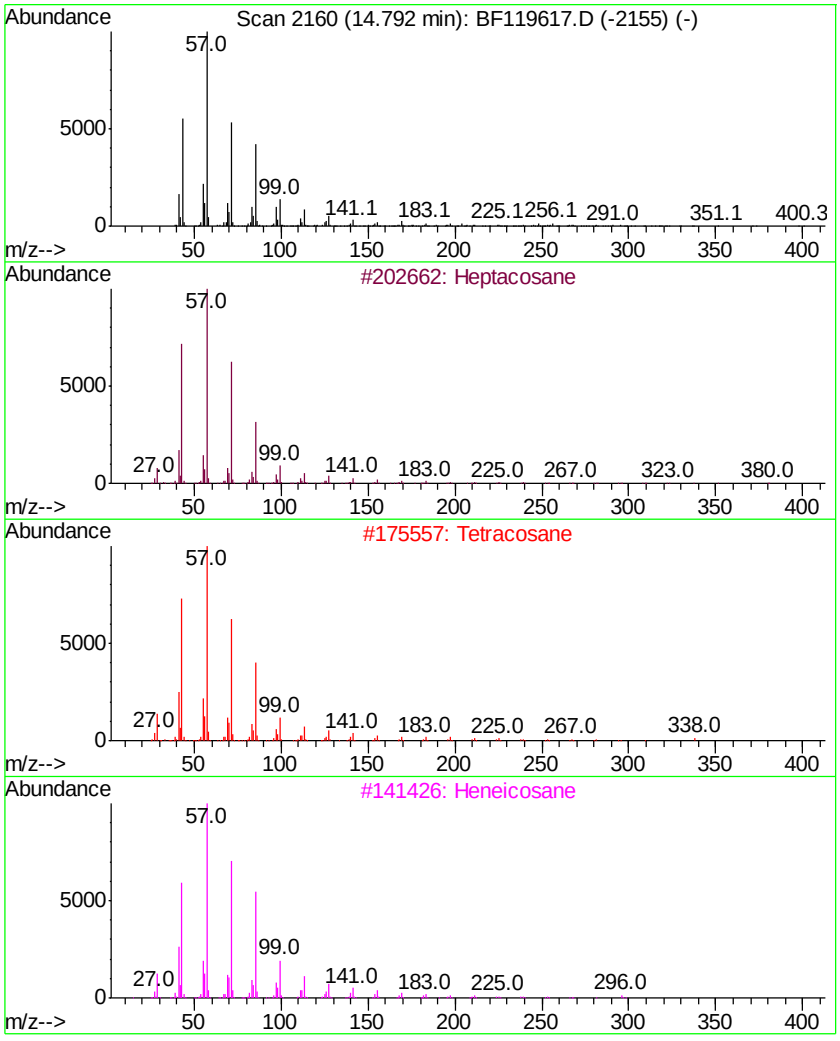
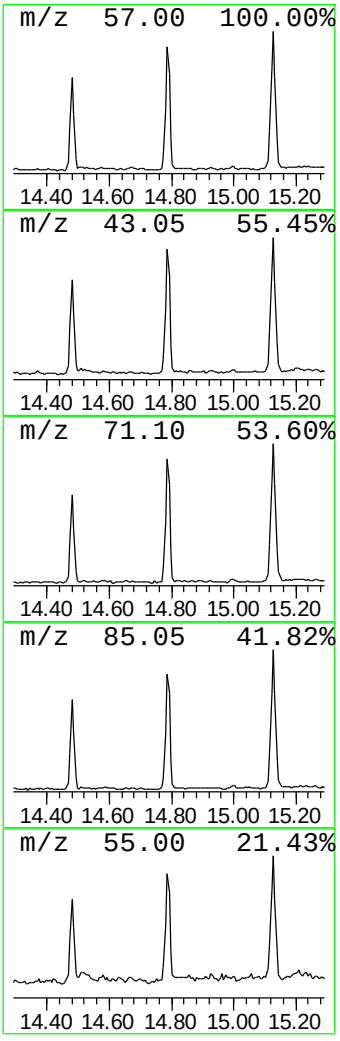
Peak Number 16 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	11.49 ng	947183	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Pentadecane	212	C15H32	000629-62-9	87
5	Hexadecane	226	C16H34	000544-76-3	87





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TIC Integration Parameters: LSCINT.P

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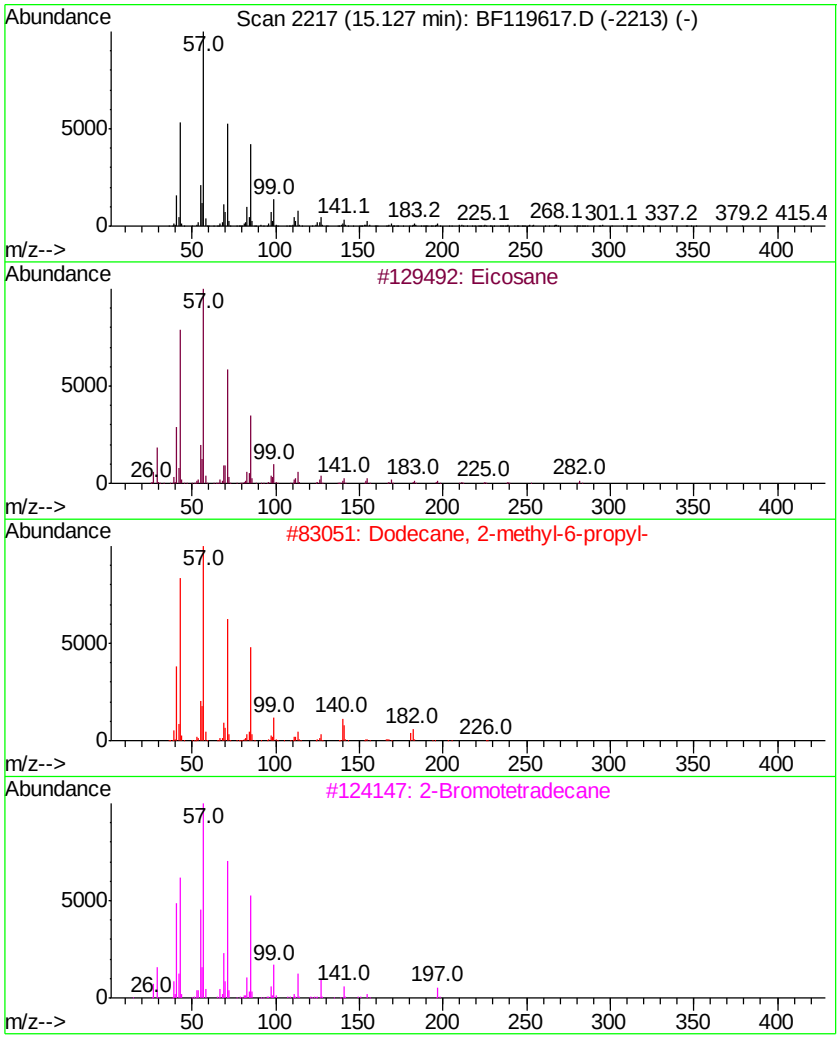
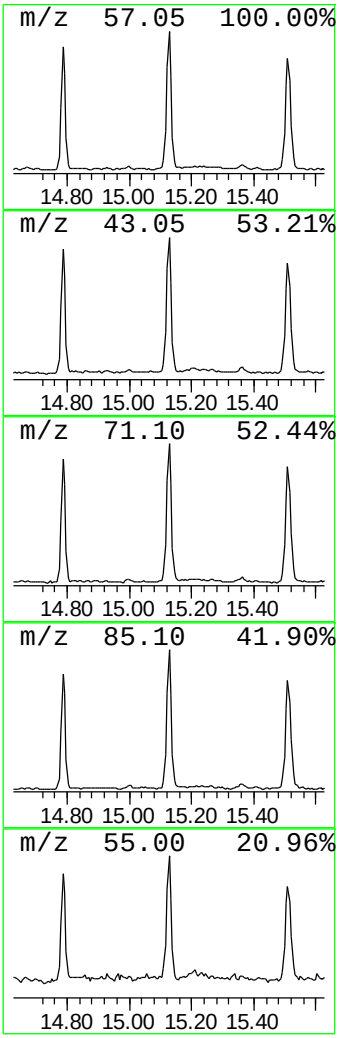
Peak Number 17 Dodecane, 2-methyl-6-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	15.40 ng	1269460	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	87
5	Heneicosane	296	C21H44	000629-94-7	87





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Sample : L2040-04
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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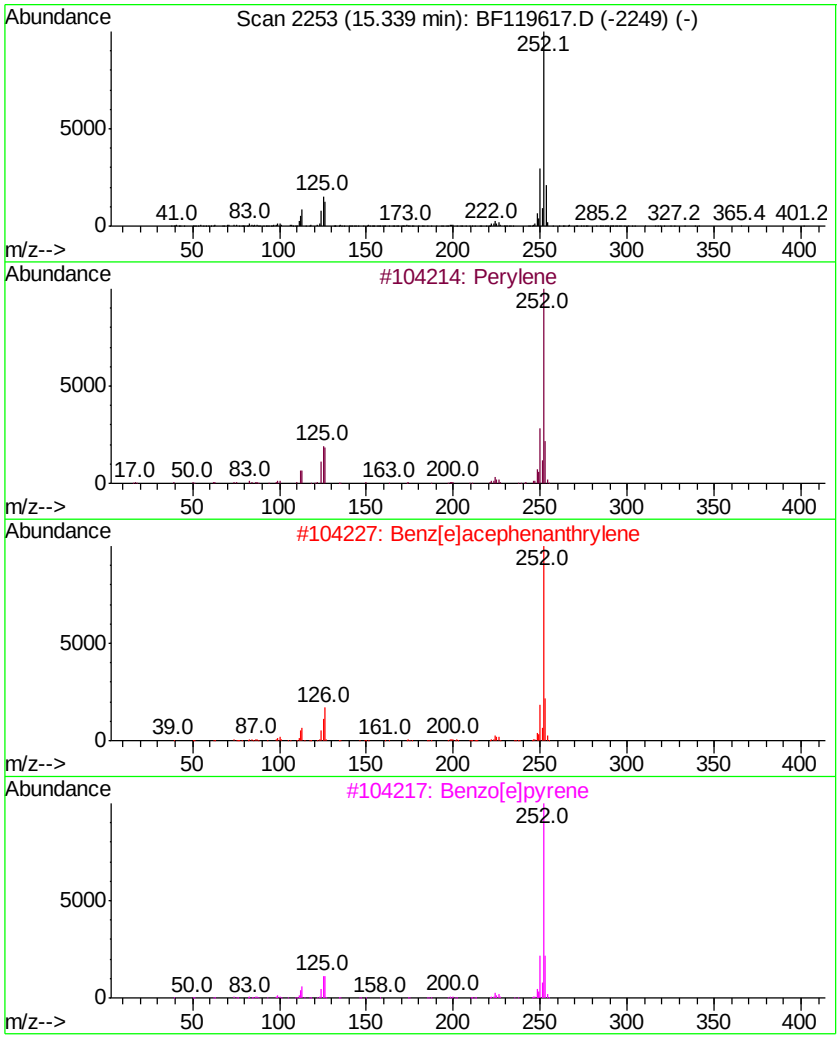
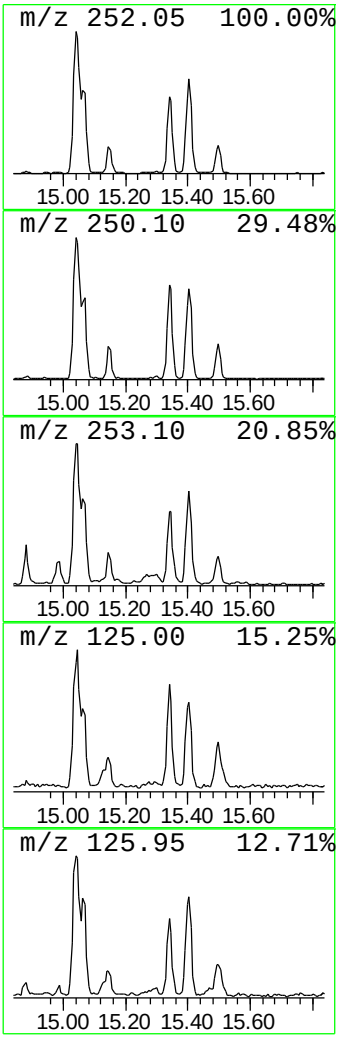
Peak Number 18 Perylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	8.31 ng	684664	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[e]pyrene	252	C20H12	000192-97-2	98
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Data File : BF119617.D
Acq On : 28 Mar 2020 15:24
Operator : CG/JU
Sample : L2040-04
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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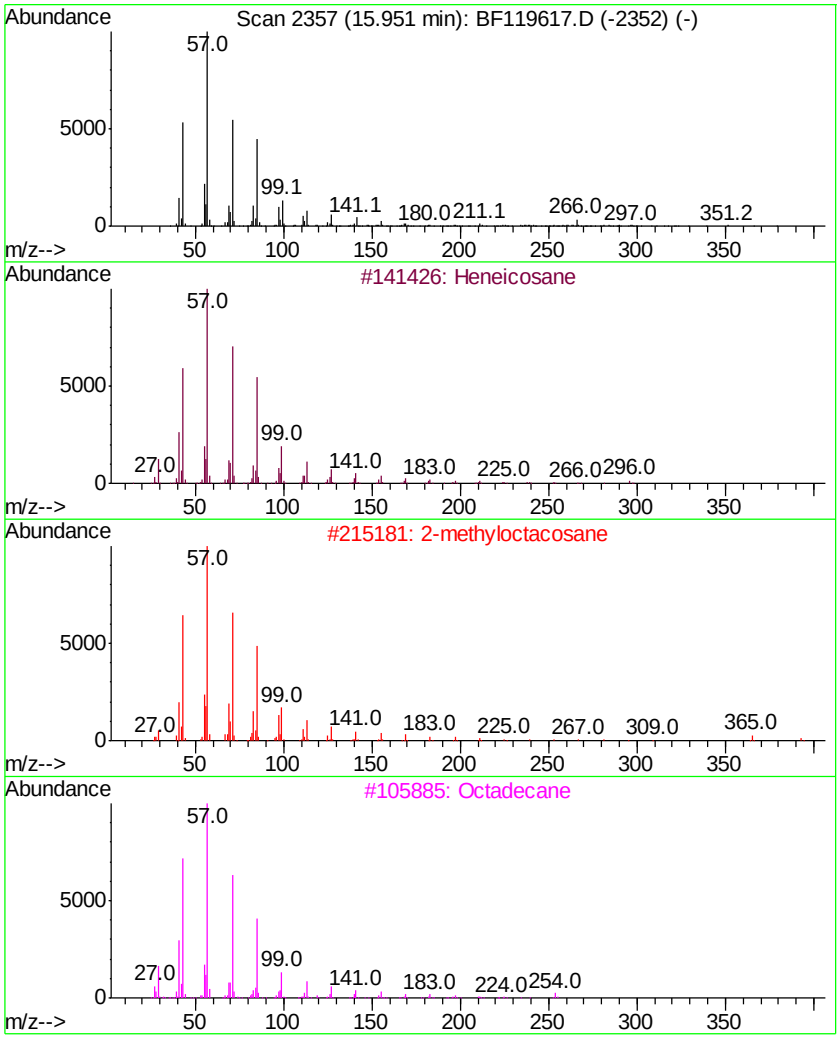
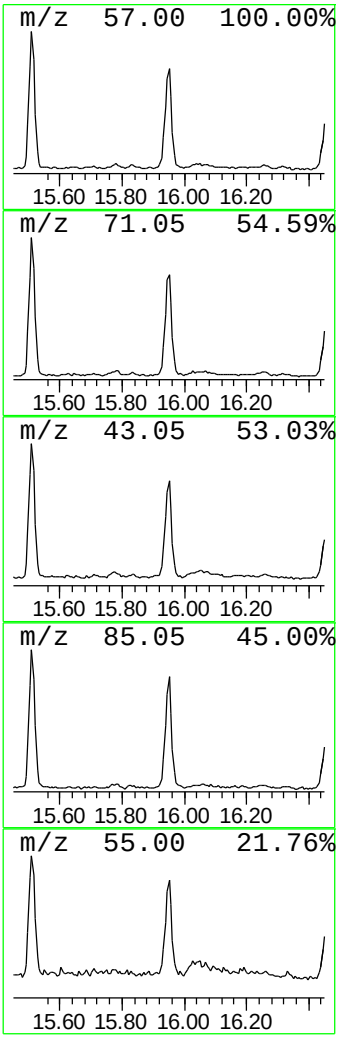
Peak Number 19 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	9.96 ng	820798	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	2-methyloctacosane	408	C29H60	1000376-72-8	83
3	Octadecane	254	C18H38	000593-45-3	80
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	80
5	Pentacosane	352	C25H52	000629-99-2	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119617.D
Acq On : 28 Mar 2020 15:24
Operator : CG/JU
Sample : L2040-04
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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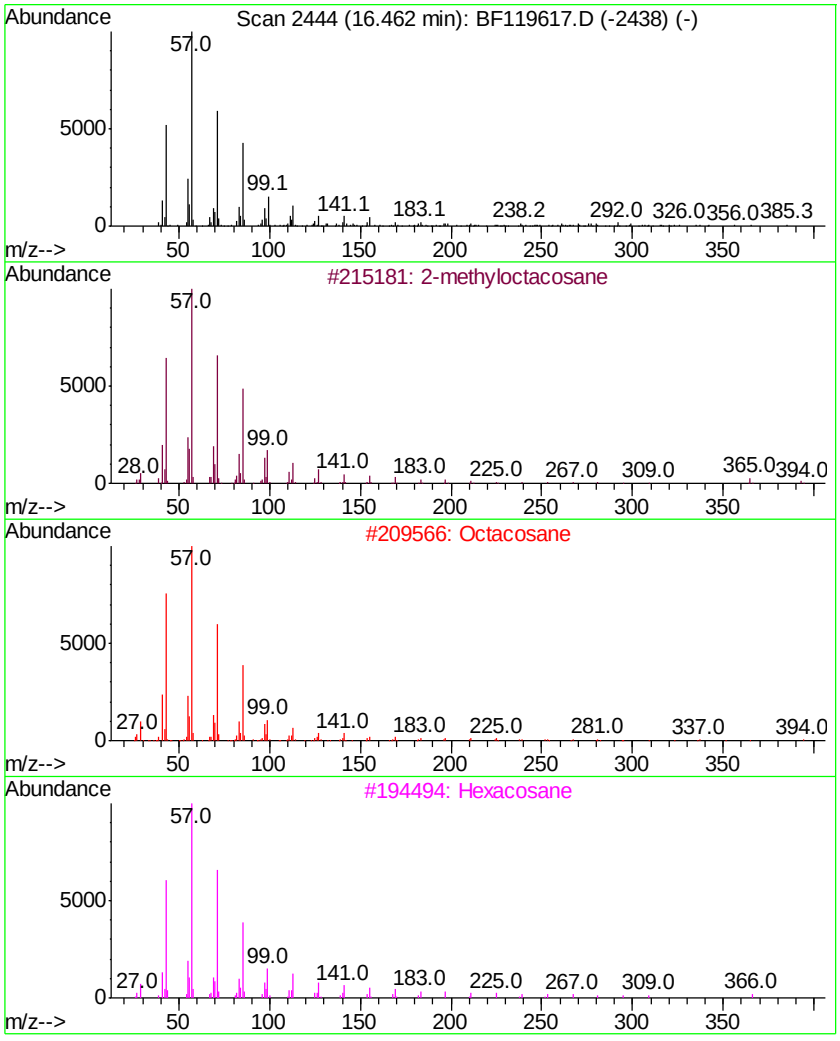
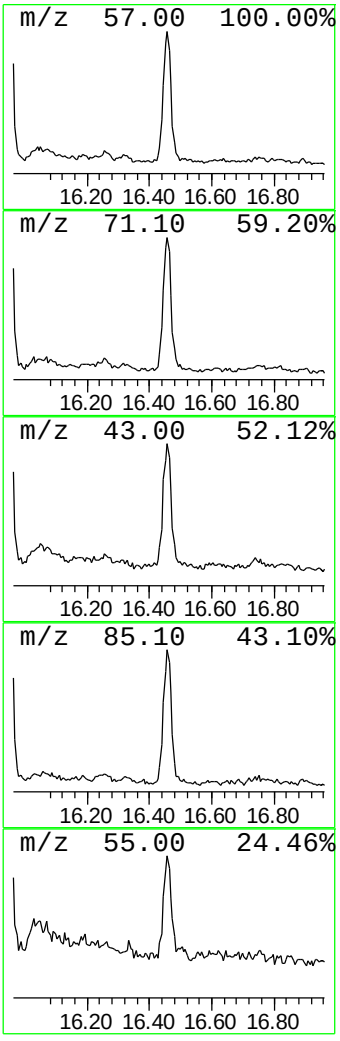
Peak Number 20 2-methyloctacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	7.08 ng	583293	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Octacosane	394	C28H58	000630-02-4	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Heptadecane	240	C17H36	000629-78-7	86
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
Data File : BF119617.D
Acq On : 28 Mar 2020 15:24
Operator : CG/JU
Sample : L2040-04
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-06

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
2-Pentanone, 4-hy...	5.05	10.8	ng	1040060	1	6.83	1921260	20.0
Tridecane	9.28	4.7	ng	711066	3	9.87	3016900	20.0
Hexadecane	9.81	4.0	ng	608488	3	9.87	3016900	20.0
Pentadecane	10.31	4.5	ng	686474	3	9.87	3016900	20.0
Eicosane	10.79	7.9	ng	1032580	4	11.36	2616300	20.0
Octadecane	11.23	4.7	ng	608300	4	11.36	2616300	20.0
Dibenzothiophene	11.26	7.5	ng	985032	4	11.36	2616300	20.0
Anthracene, 2-met...	11.86	4.6	ng	597206	4	11.36	2616300	20.0
Phenanthrene, 2-m...	11.89	10.7	ng	1394990	4	11.36	2616300	20.0
4H-Cyclopenta[def...	11.98	11.2	ng	1468540	4	11.36	2616300	20.0
Heptadecane, 2,6,...	12.46	4.1	ng	537830	4	11.36	2616300	20.0
Fluoranthene, 2-m...	13.13	5.6	ng	909269	5	14.00	3233130	20.0
11H-Benzo[b]fluorene	13.20	6.4	ng	1032020	5	14.00	3233130	20.0
1-Eicosene	13.86	4.3	ng	695666	5	14.00	3233130	20.0
Heptacosane	14.79	11.5	ng	947183	6	15.47	1648460	20.0
Dodecane, 2-methy...	15.13	15.4	ng	1269460	6	15.47	1648460	20.0
Perylene	15.34	8.3	ng	684664	6	15.47	1648460	20.0
Heneicosane	15.95	10.0	ng	820798	6	15.47	1648460	20.0
2-methyloctacosane	16.46	7.1	ng	583293	6	15.47	1648460	20.0