LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123950.D
Acq On : 15 May 2021 17:51
Operator : JU/CG
Sample : M2392-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-COMP

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-BF051421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123950.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	7	15	20	rBV	475611	581074	54.92%	4.295%
2	2.281	29	33	38	rBV2	32619	40154	3.79%	0.297%
3	4.563	416	421	428	rBB3	16194	23883	2.26%	0.177%
4	5.116	512	515	521	rVB	43120	58284	5.51%	0.431%
5	5.516	577	583	586	rBV	998923	964089	91.12%	7.126%
6	6.157	687	692	695	rBV2	29798	36466	3.45%	0.270%
7	6.345	718	724	729	rBV5	14874	23131	2.19%	0.171%
8	6.440	737	740	743	rVV4	26019	32954	3.11%	0.244%
9	6.522	746	754	758	rVV	979393	1058094	100.00%	7.820%
10	6.651	771	776	781	rBV4	11911	21252	2.01%	0.157%
11	6.722	785	788	790	rVV2	30072	30376	2.87%	0.225%
12	6.904	815	819	826	rVB	333869	303401	28.67%	2.242%
13	6.957	826	828	831	rBV	37105	34232	3.24%	0.253%
14	7.181	863	866	869	rVB	26102	24023	2.27%	0.178%
15	7.292	880	885	889	rVB4	21465	30100	2.84%	0.222%
16	7.463	904	914	917	rBV	810490	701965	66.34%	5.188%
17	7.498	918	920	924	rVB	47192	38406	3.63%	0.284%
18	7.551	924	929	933	rBV4	17347	25669	2.43%	0.190%
19	7.922	990	992	1000	rVB5	24161	34736	3.28%	0.257%
20	8.186	1031	1037	1039	rBV	460563	402593	38.05%	2.976%
21	8.204	1039	1040	1043	rVV	73112	51625	4.88%	0.382%
22	8.251	1043	1048	1050	rVB2	30068	34980	3.31%	0.259%
23	8.481	1082	1087	1089	rBV5	22186	25737	2.43%	0.190%
24	8.610	1106	1109	1111	rBV	37185	29227	2.76%	0.216%
25	8.781	1134	1138	1141	rBV	63903	56922	5.38%	0.421%
26	8.816	1141	1144	1147	rBV	70631	55949	5.29%	0.414%
27	8.898	1156	1158	1161	rVB	52723	41898	3.96%	0.310%
28	8.998	1172	1175	1179	rVB2	34865	35453	3.35%	0.262%
29	9.145	1195	1200	1203	rVB6	14092	21741	2.05%	0.161%
30	9.210	1208	1211	1216	rVB3	43949	39542	3.74%	0.292%
31	9.263	1216	1220	1223	rBV	1332325	1025586	96.93%	7.580%
32	9.345	1230	1234	1237	rBV	113459	109953	10.39%	0.813%
33	9.522	1261	1264	1268	rVV4	27159	38038	3.59%	0.281%
34	9.598	1274	1277	1279	rVB2	50713	35920	3.39%	0.265%
35	9.622	1279	1281	1283	rVB3	36255	28694	2.71%	0.212%
36	9.651	1283	1286	1290	rBV2	183467	178239	16.85%	1.317%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123950.D
Acq On : 15 May 2021 17:51
Operator : JU/CG
Sample : M2392-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-COMP

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-BF051421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.686	1290	1292	1295	rVB3	27178	21274	2.01%	0.157%
38	9.722	1295	1298	1303	rVB7	31023	36881	3.49%	0.273%
39	9.875	1321	1324	1326	rVB	119968	89788	8.49%	0.664%
40	9.939	1332	1335	1338	rVB	427604	373200	35.27%	2.758%
41	9.975	1338	1341	1343	rBV2	58088	50818	4.80%	0.376%
42	10.045	1350	1353	1357	rVB4	19585	25440	2.40%	0.188%
43	10.139	1366	1369	1372	rBV2	51851	56462	5.34%	0.417%
44	10.257	1387	1389	1392	rBV3	28227	29235	2.76%	0.216%
45	10.351	1401	1405	1406	rVV4	20905	24794	2.34%	0.183%
46	10.375	1406	1409	1411	rVB	134447	106922	10.11%	0.790%
47	10.486	1424	1428	1431	rBV2	71836	68326	6.46%	0.505%
48	10.598	1444	1447	1449	rVB	59257	57032	5.39%	0.422%
49	10.645	1453	1455	1458	rVB4	33659	28770	2.72%	0.213%
50	10.727	1464	1469	1472	rBV	518784	456472	43.14%	3.374%
51	10.845	1486	1489	1491	rBV	135418	156848	14.82%	1.159%
52	11.033	1517	1521	1524	rBV6	23975	32661	3.09%	0.241%
53	11.063	1524	1526	1532	rBV7	23052	37559	3.55%	0.278%
54	11.292	1563	1565	1568	rVV	104759	95946	9.07%	0.709%
55	11.327	1568	1571	1576	rVB	96192	104726	9.90%	0.774%
56	11.427	1584	1588	1590	rBV	390149	316794	29.94%	2.341%
57	11.451	1590	1592	1595	rVV	345424	263337	24.89%	1.946%
58	11.486	1596	1598	1599	rVV	35335	32699	3.09%	0.242%
59	11.498	1599	1600	1604	rVB	75034	59371	5.61%	0.439%
60	11.539	1604	1607	1610	rBV5	16563	23230	2.20%	0.172%
61	11.651	1623	1626	1629	rVV2	36350	45424	4.29%	0.336%
62	11.674	1629	1630	1634	rVV3	27506	24005	2.27%	0.177%
63	11.722	1636	1638	1642	rVV	108977	83158	7.86%	0.615%
64	11.927	1670	1673	1675	rBV	59831	48291	4.56%	0.357%
65	11.957	1675	1678	1681	rVB3	114096	115549	10.92%	0.854%
66	12.039	1689	1692	1695	rVV2	75423	85785	8.11%	0.634%
67	12.063	1695	1696	1699	rVB2	36750	23878	2.26%	0.176%
68	12.127	1705	1707	1710	rBV	72415	63778	6.03%	0.471%
69	12.221	1721	1723	1725	rBV	31673	25322	2.39%	0.187%
70	12.245	1725	1727	1732	rVB6	25682	24240	2.29%	0.179%
71	12.404	1752	1754	1762	rVB7	25218	44036	4.16%	0.325%
72	12.480	1763	1767	1770	rBV2	58003	60227	5.69%	0.445%
73	12.521	1771	1774	1778	rVV2	79464	83859	7.93%	0.620%
74	12.569	1778	1782	1786	rVV6	44692	50186	4.74%	0.371%
75	12.645	1791	1795	1798	rBV	408455	388534	36.72%	2.872%
76	12.739	1808	1811	1813	rBV3	38422	37851	3.58%	0.280%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123950.D
Acq On : 15 May 2021 17:51
Operator : JU/CG
Sample : M2392-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-COMP

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-BF051421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.874	1827	1834	1836	rVV	351316	403254	38.11%	2.980%
78	12.921	1840	1842	1847	rVB5	21586	31645	2.99%	0.234%
79	13.016	1854	1858	1861	rVB	1010590	810861	76.63%	5.993%
80	13.086	1867	1870	1874	rBV6	46285	68178	6.44%	0.504%
81	13.198	1887	1889	1891	rVB2	61672	44471	4.20%	0.329%
82	13.251	1895	1898	1899	rBV2	55133	44442	4.20%	0.328%
83	13.298	1904	1906	1910	rVB3	41249	47887	4.53%	0.354%
84	13.421	1925	1927	1930	rBV3	35046	41890	3.96%	0.310%
85	13.592	1954	1956	1959	rVB3	44852	39122	3.70%	0.289%
86	13.668	1967	1969	1972	rBV3	28762	30613	2.89%	0.226%
87	13.910	2007	2010	2014	rBV	245407	227928	21.54%	1.685%
88	14.068	2032	2037	2040	rBV2	355790	512748	48.46%	3.790%
89	14.098	2040	2042	2044	rVB	149917	116149	10.98%	0.858%
90	14.174	2053	2055	2059	rVB5	40283	31106	2.94%	0.230%
91	14.239	2064	2066	2072	rVB5	57289	65888	6.23%	0.487%
92	14.545	2116	2118	2121	rBV2	84590	75718	7.16%	0.560%
93	14.862	2170	2172	2174	rBV2	41426	37329	3.53%	0.276%
94	15.127	2213	2217	2225	rVB	128292	255468	24.14%	1.888%
95	15.433	2267	2269	2275	rVB	87297	110863	10.48%	0.819%
96	15.498	2276	2280	2284	rVV	96403	130284	12.31%	0.963%
97	15.562	2288	2291	2294	rVV	138052	157358	14.87%	1.163%
98	16.304	2415	2417	2424	rVB8	57430	91502	8.65%	0.676%
99	16.756	2491	2494	2500	rVB5	52900	88817	8.39%	0.656%
100	17.204	2566	2570	2572	rBV5	25748	39364	3.72%	0.291%

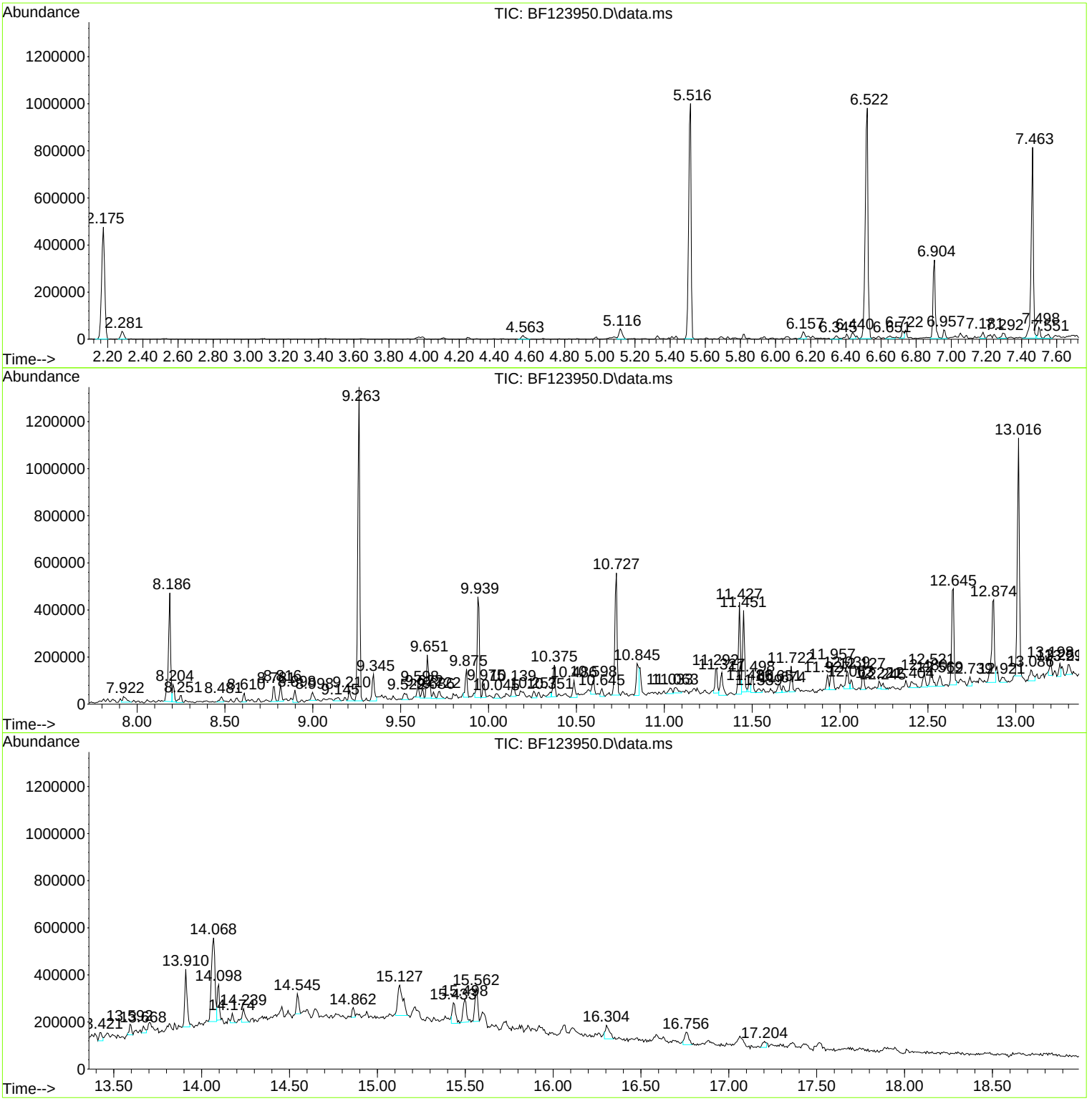
Sum of corrected areas: 13529979

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123950.D
Acq On : 15 May 2021 17:51
Operator : JU/CG
Sample : M2392-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123950.D
Acq On : 15 May 2021 17:51
Operator : JU/CG
Sample : M2392-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-COMP

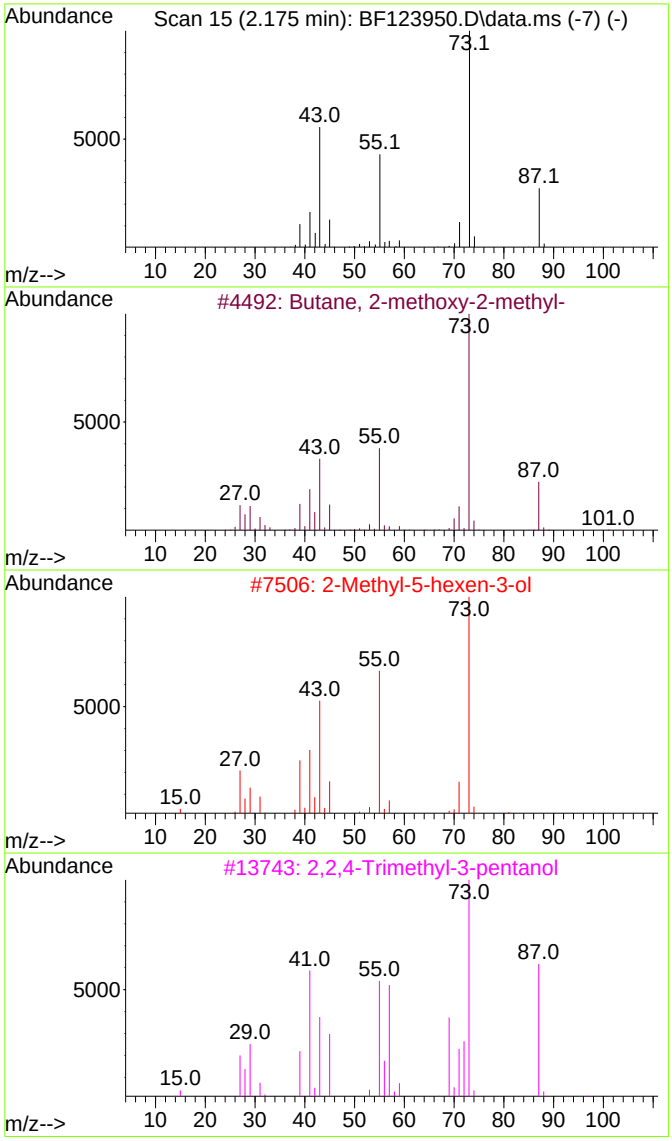
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

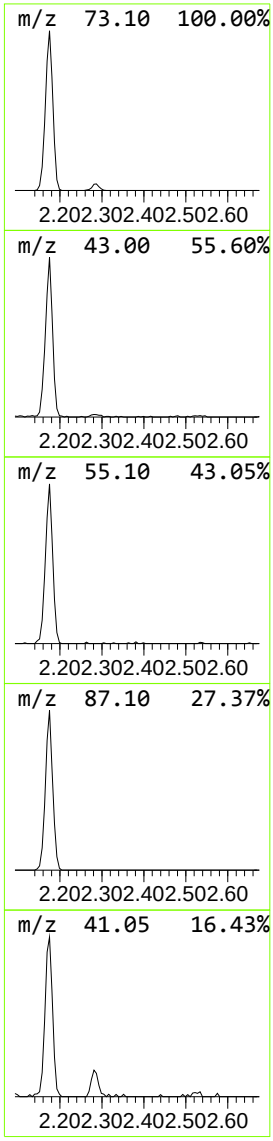
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.175	38.30 ng	581074	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	40
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	28
5	1,4-Butanediamine	88	C4H12N2	000110-60-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123950.D
Acq On : 15 May 2021 17:51
Operator : JU/CG
Sample : M2392-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

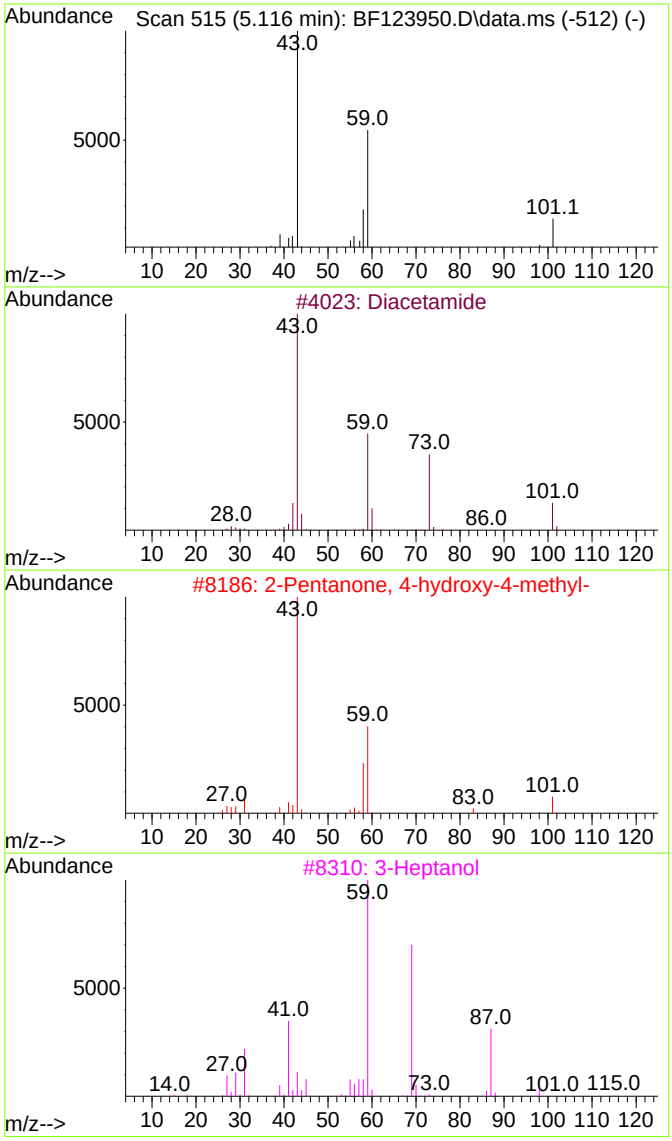
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

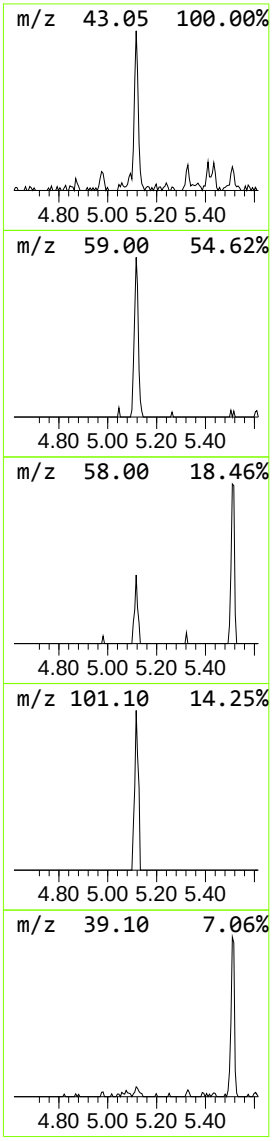
****

Peak Number 2 unknown5.116 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	3.84 ng	58284	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diacetamide	101	C4H7NO2	000625-77-4	9
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9
3	3-Heptanol	116	C7H16O	000589-82-2	9
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9
5	2-Nonanone	142	C9H18O	000821-55-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123950.D
Acq On : 15 May 2021 17:51
Operator : JU/CG
Sample : M2392-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

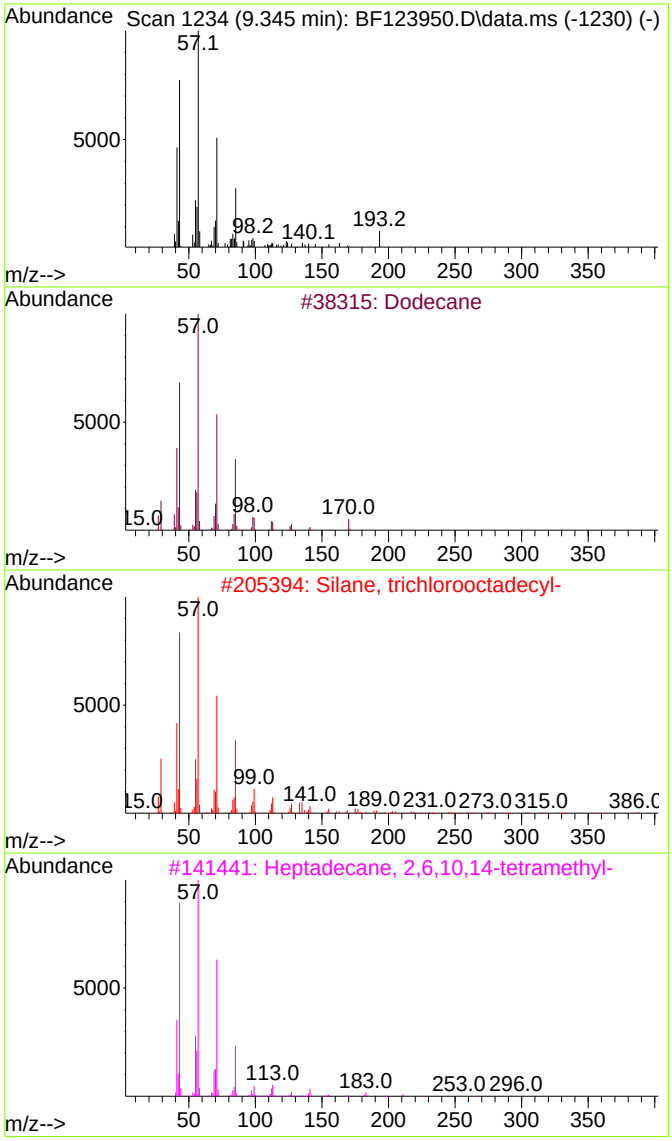
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

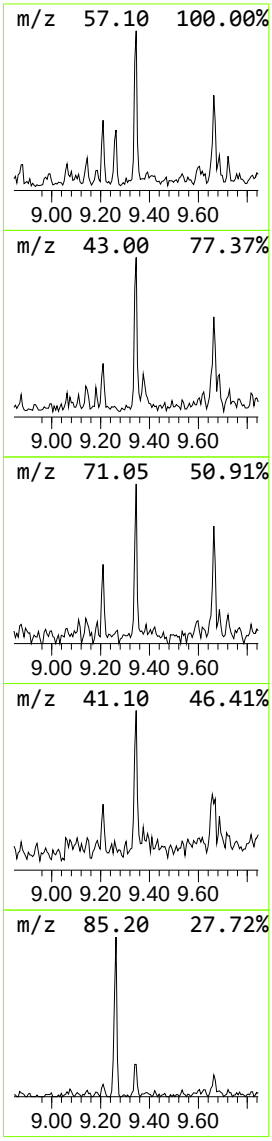
****

Peak Number 3 Dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.345	5.89 ng	109953	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	78
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
4	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	59
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123950.D
Acq On : 15 May 2021 17:51
Operator : JU/CG
Sample : M2392-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

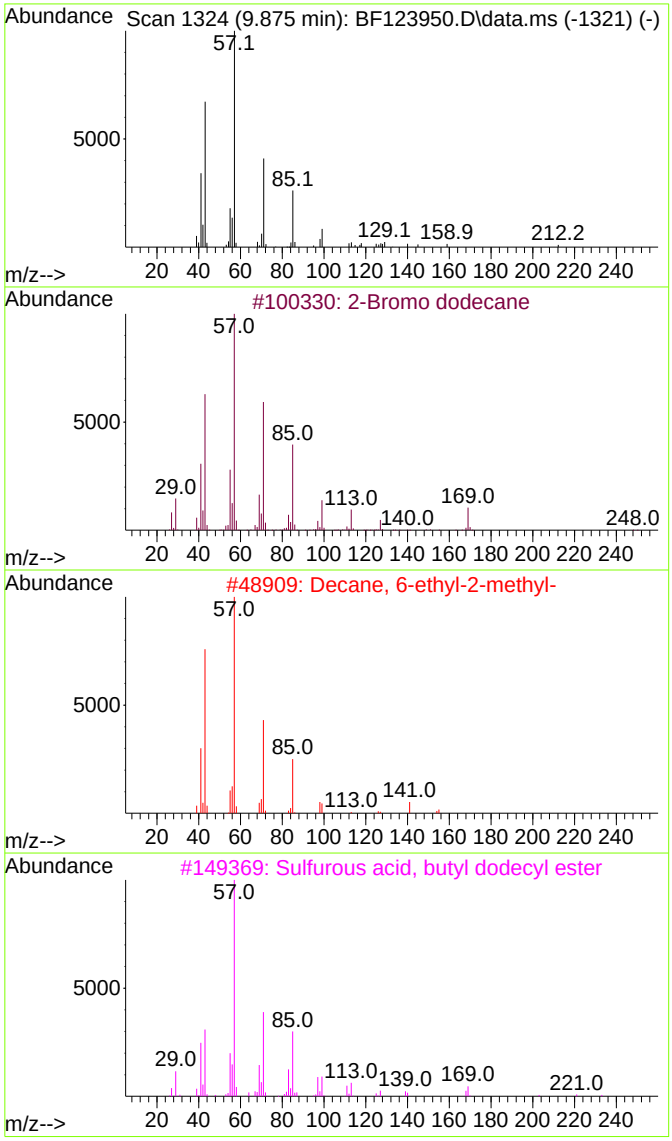
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

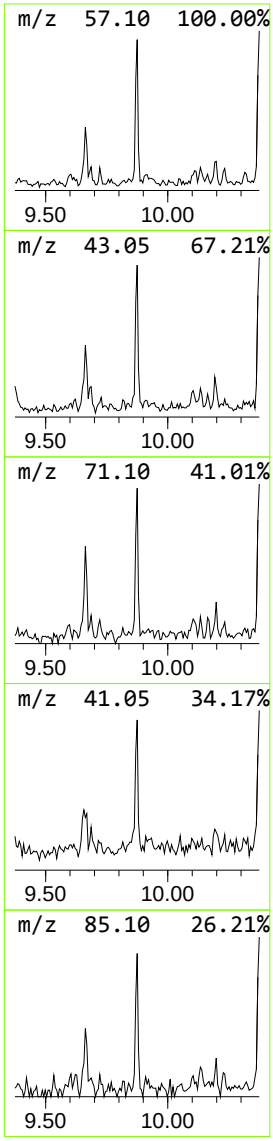
****

Peak Number 4 2-Bromo dodecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.875	4.81 ng	89788	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	78
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
3	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	72
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123950.D
Acq On : 15 May 2021 17:51
Operator : JU/CG
Sample : M2392-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

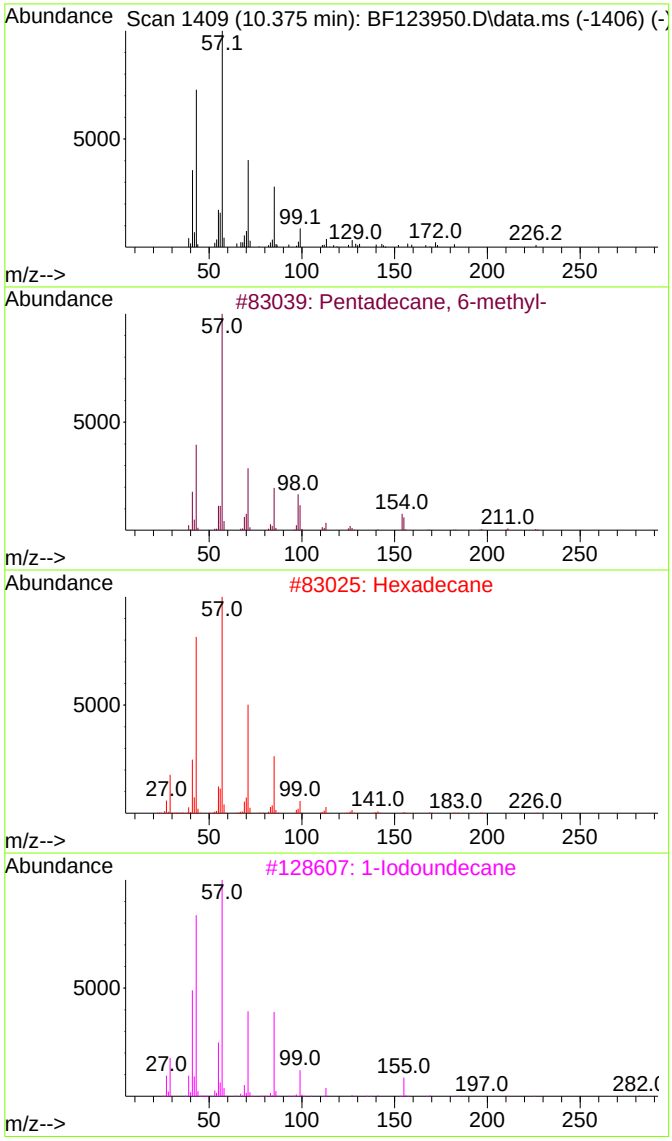
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

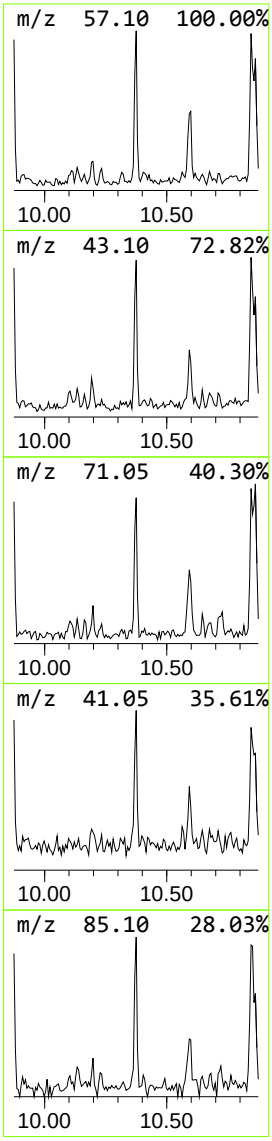
****

Peak Number 5 Pentadecane, 6-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.374	5.73 ng	106922	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	1-Iodoundecane	282	C11H23I	004282-44-4	80
4	Pentadecane	212	C15H32	000629-62-9	72
5	Tetradecane	198	C14H30	000629-59-4	64





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Acq On : 15 May 2021 17:51
Operator : JU/CG
Sample : M2392-05
Misc :
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ClientSampleId :
SB-02-COMP

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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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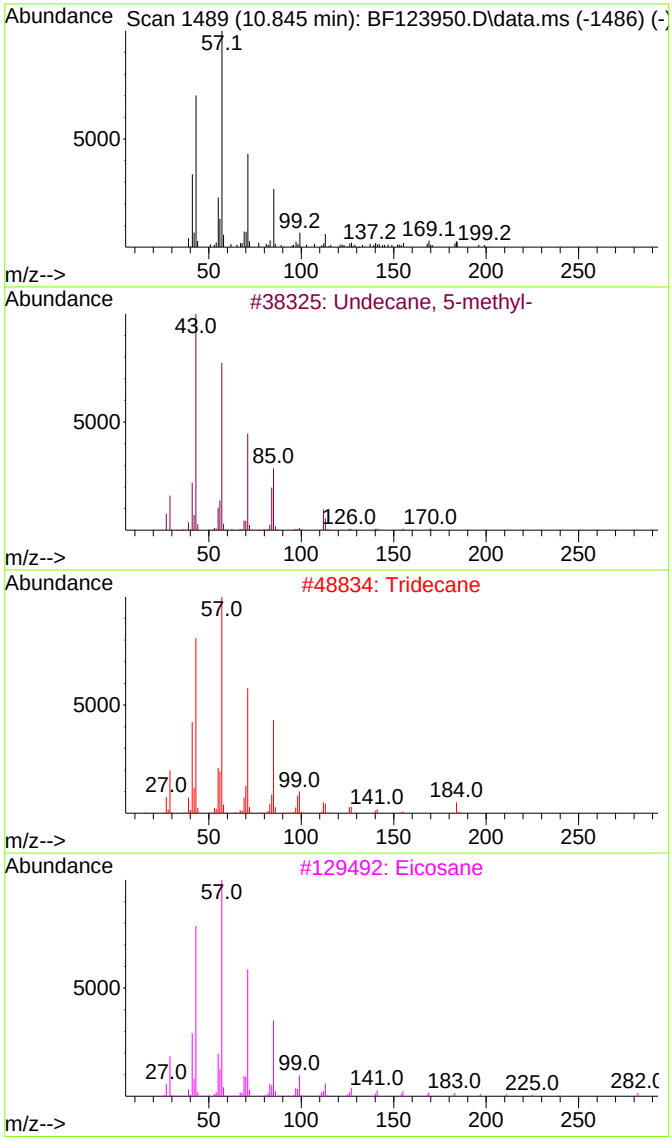
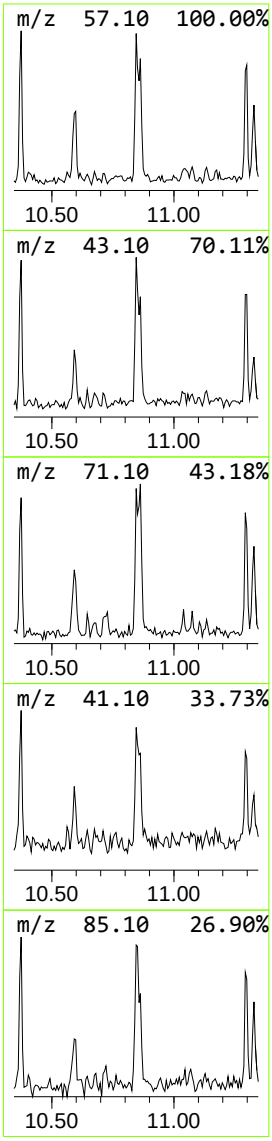
Peak Number 6 Undecane, 5-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.845	9.90 ng	156848	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	83
2	Tridecane	184	C13H28	000629-50-5	81
3	Eicosane	282	C20H42	000112-95-8	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72





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Sample : M2392-05
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ClientSampleId :
SB-02-COMP

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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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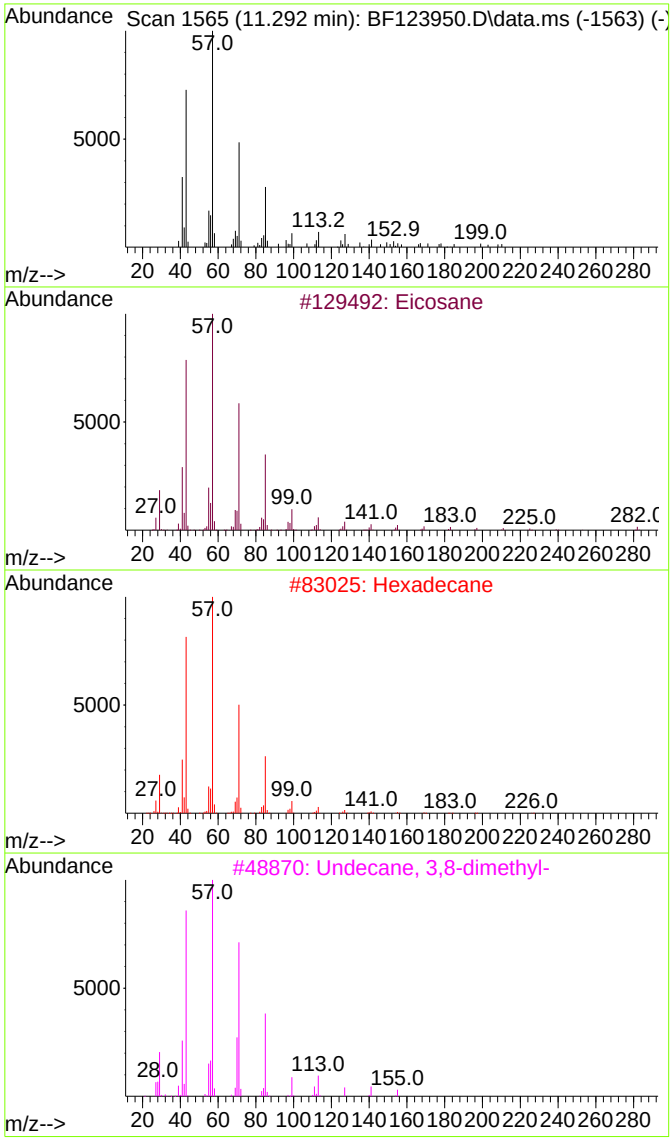
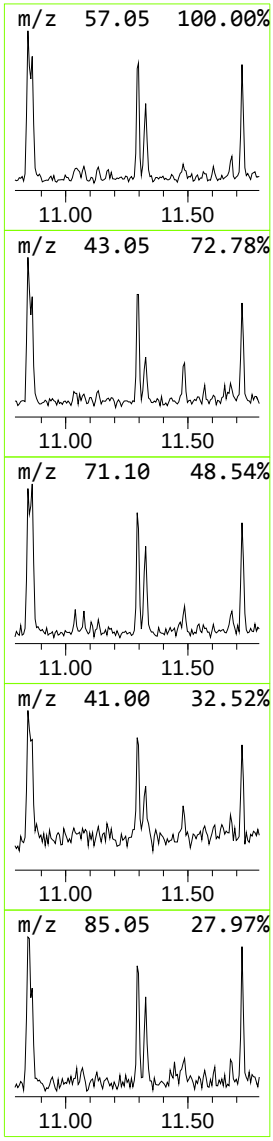
Peak Number 7 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	6.06 ng	95946	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	80
2	Hexadecane	226	C16H34	000544-76-3	72
3	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72
4	Tridecane	184	C13H28	000629-50-5	72
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64





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Sample : M2392-05
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BNA_F
ClientSampleId :
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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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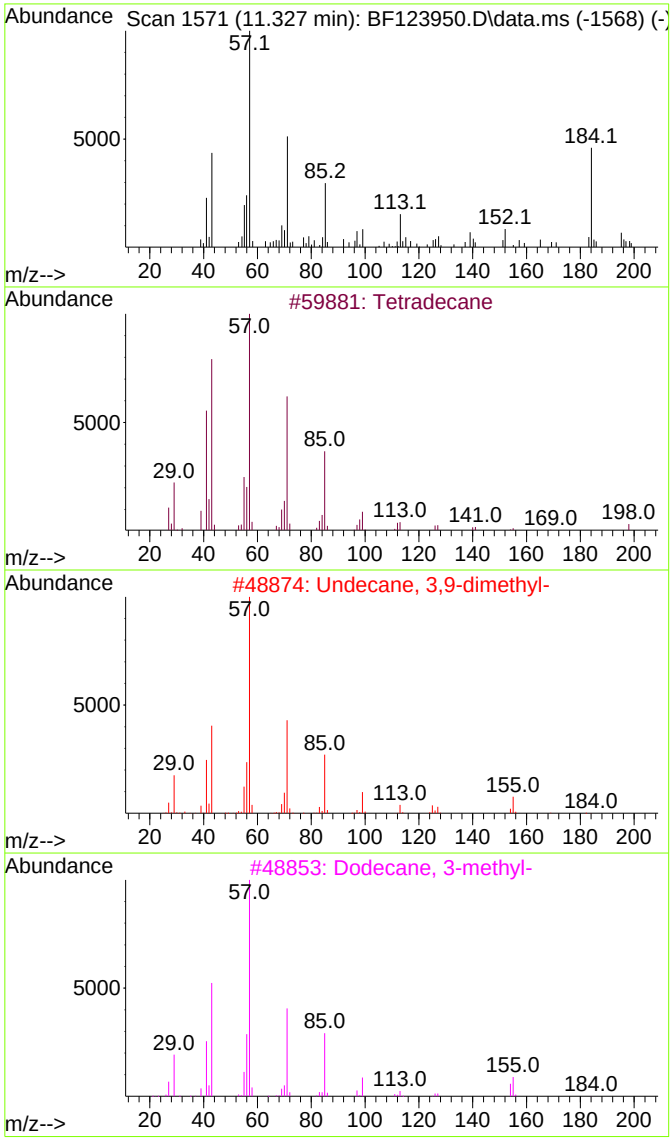
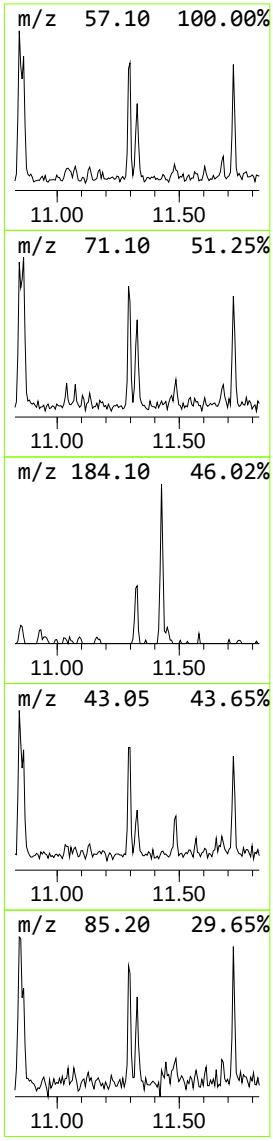
Peak Number 8 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.327	6.61 ng	104726	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	50
2	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	47
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	43
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38





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BNA_F
ClientSampleId :
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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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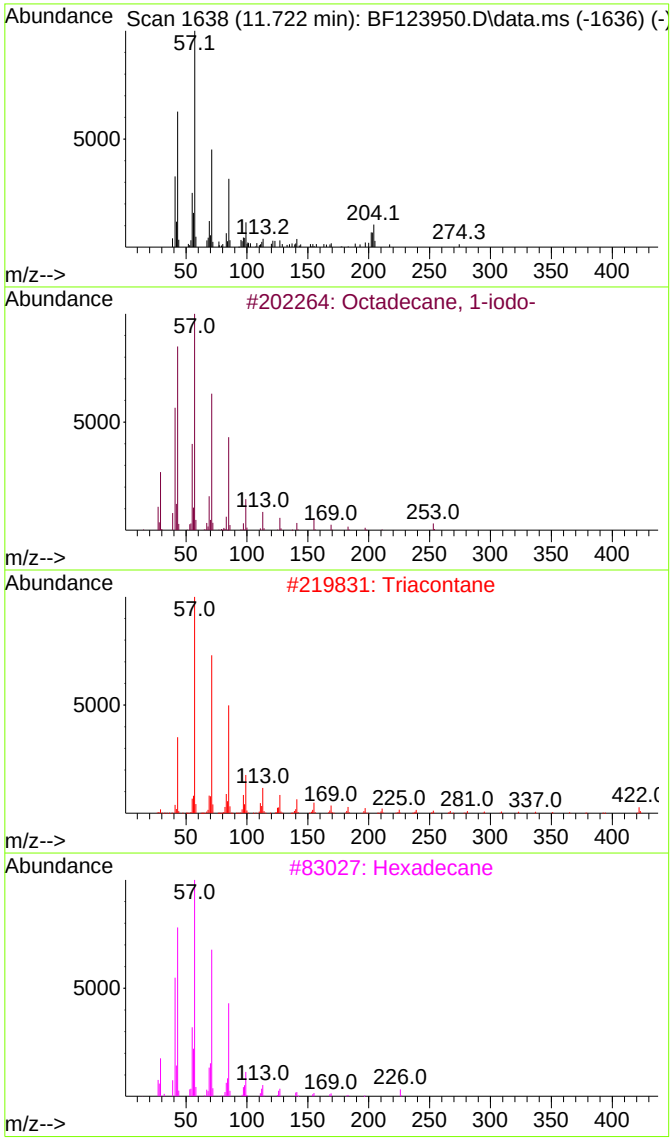
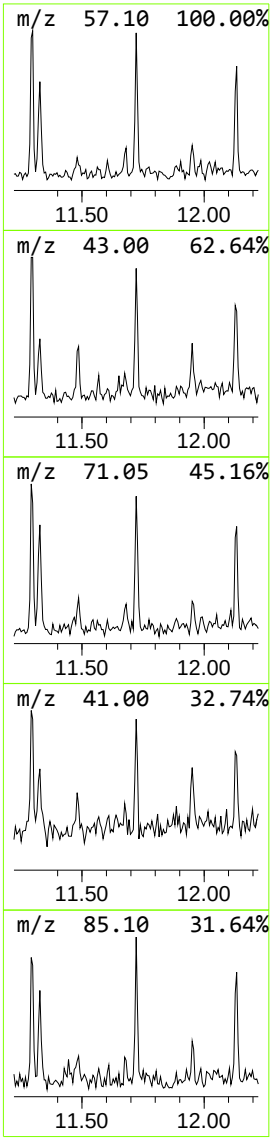
Peak Number 9 Octadecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.722	5.25 ng	83158	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	59
2	Triacontane	422	C30H62	000638-68-6	59
3	Hexadecane	226	C16H34	000544-76-3	58
4	Tetracosane	338	C24H50	000646-31-1	53
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	53





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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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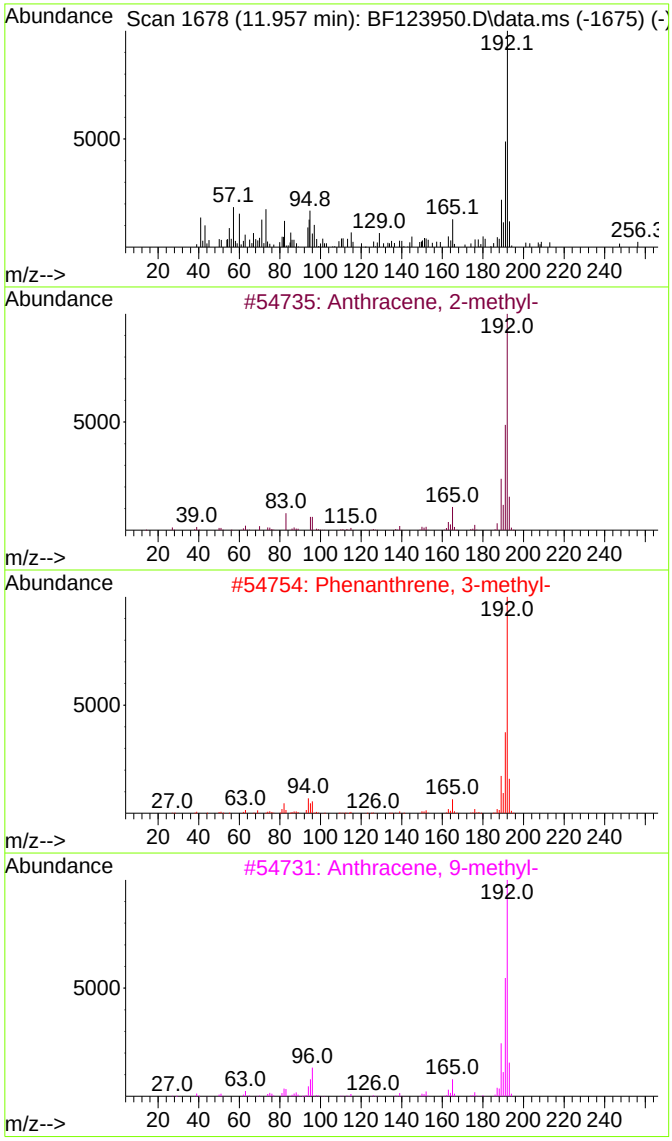
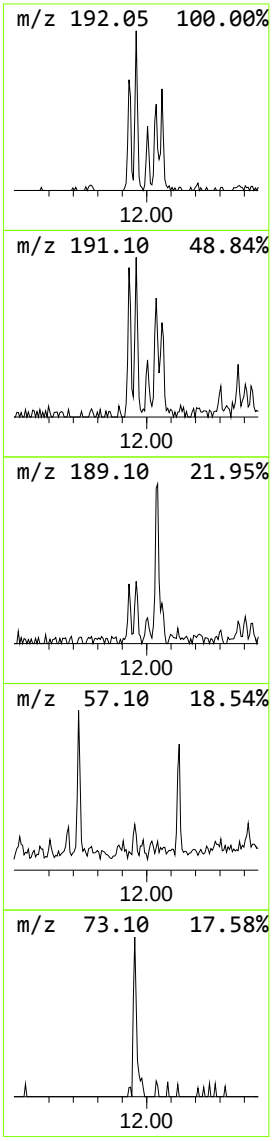
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	7.29 ng	115549	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70





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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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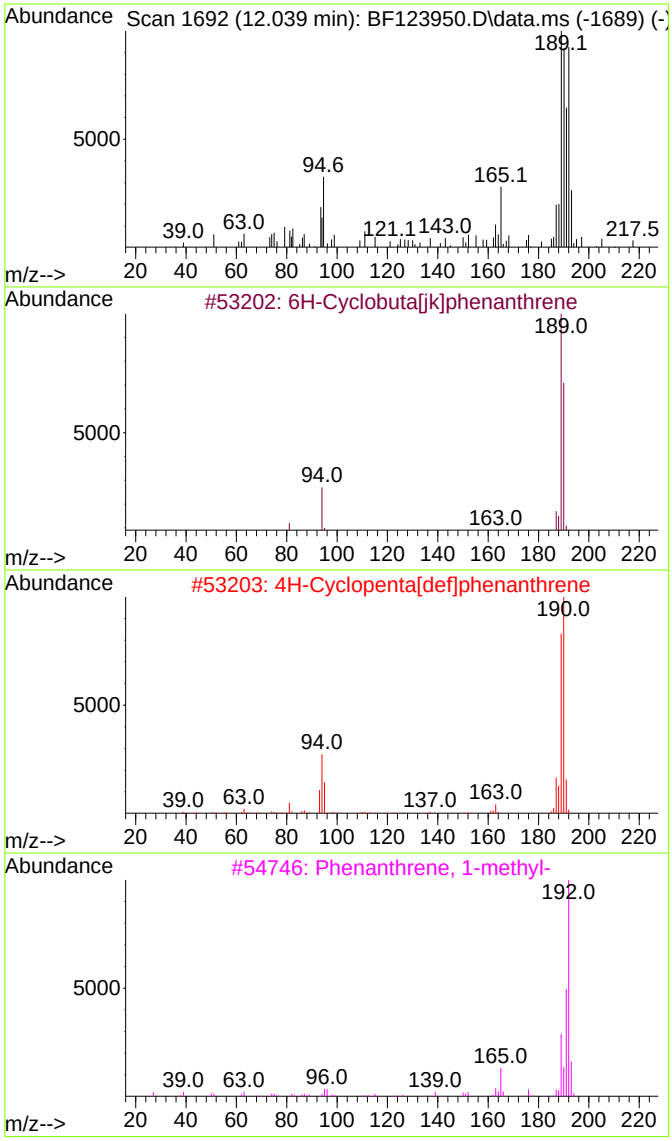
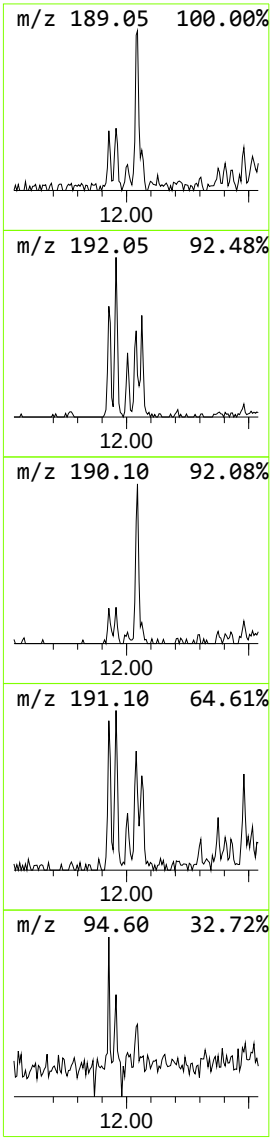
Peak Number 11 unknown12.039 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	5.42 ng	85785	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	47
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	30
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	30





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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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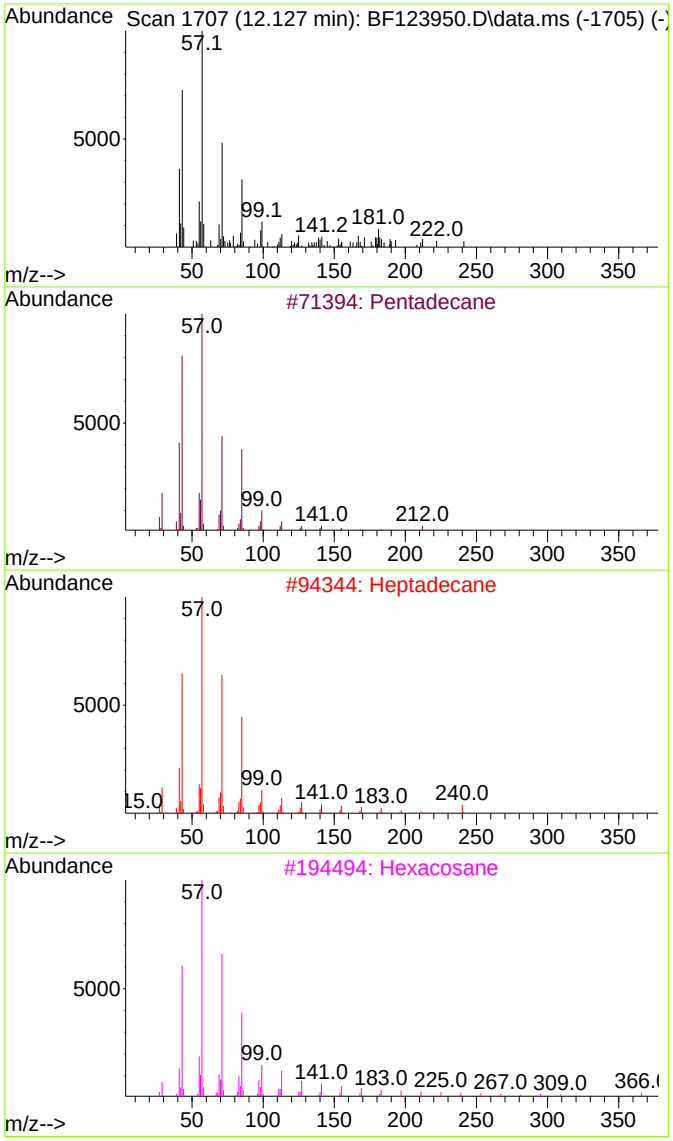
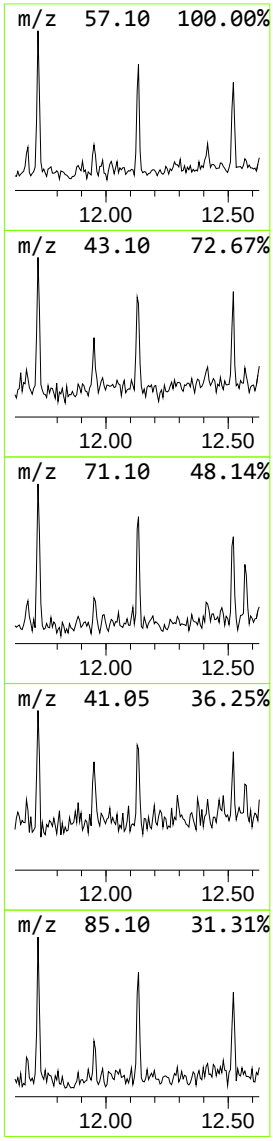
Peak Number 12 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.127	4.03 ng	63778	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Heptadecane	240	C17H36	000629-78-7	72
3	Hexacosane	366	C26H54	000630-01-3	72
4	Eicosane	282	C20H42	000112-95-8	64
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64





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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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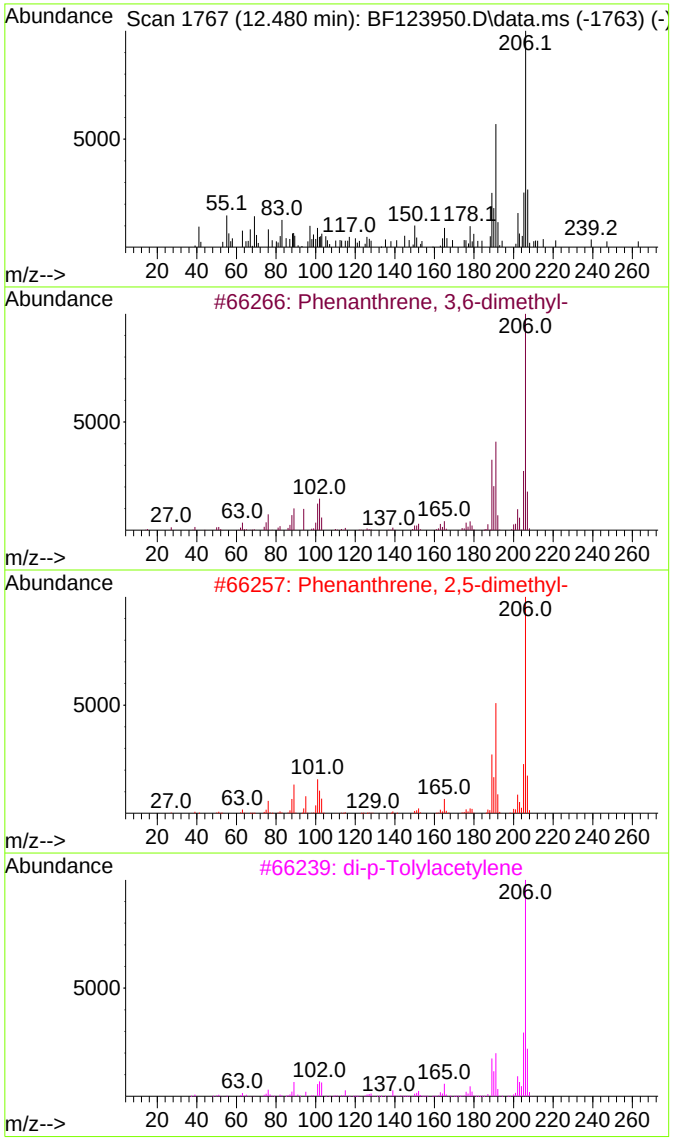
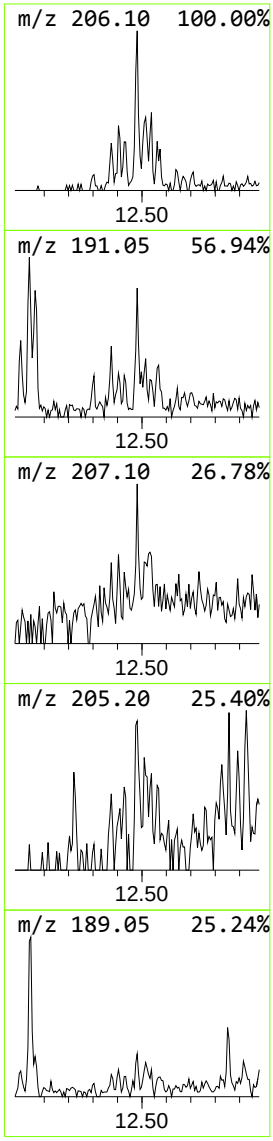
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	3.80 ng	60227	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	81





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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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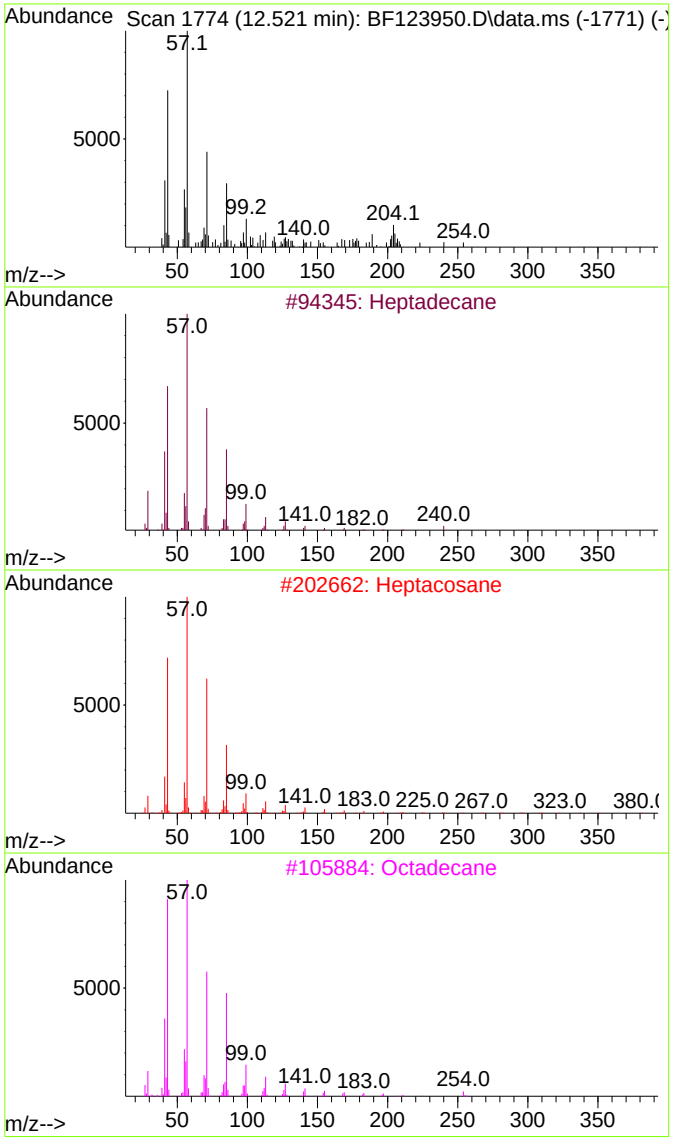
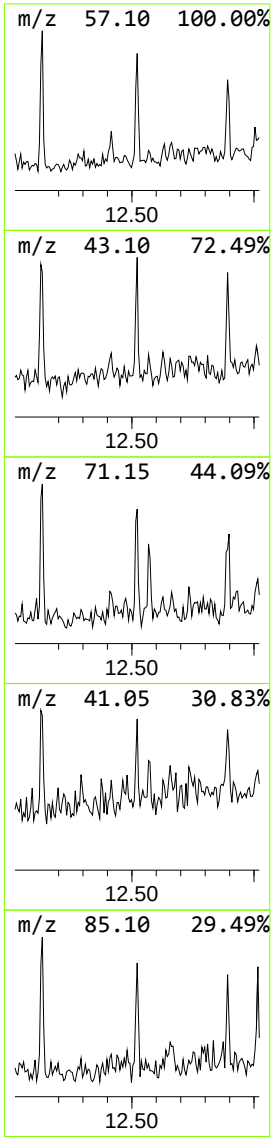
Peak Number 14 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.522	5.29 ng	83859	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	72
2	Heptacosane	380	C27H56	000593-49-7	64
3	Octadecane	254	C18H38	000593-45-3	62
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	59
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	58





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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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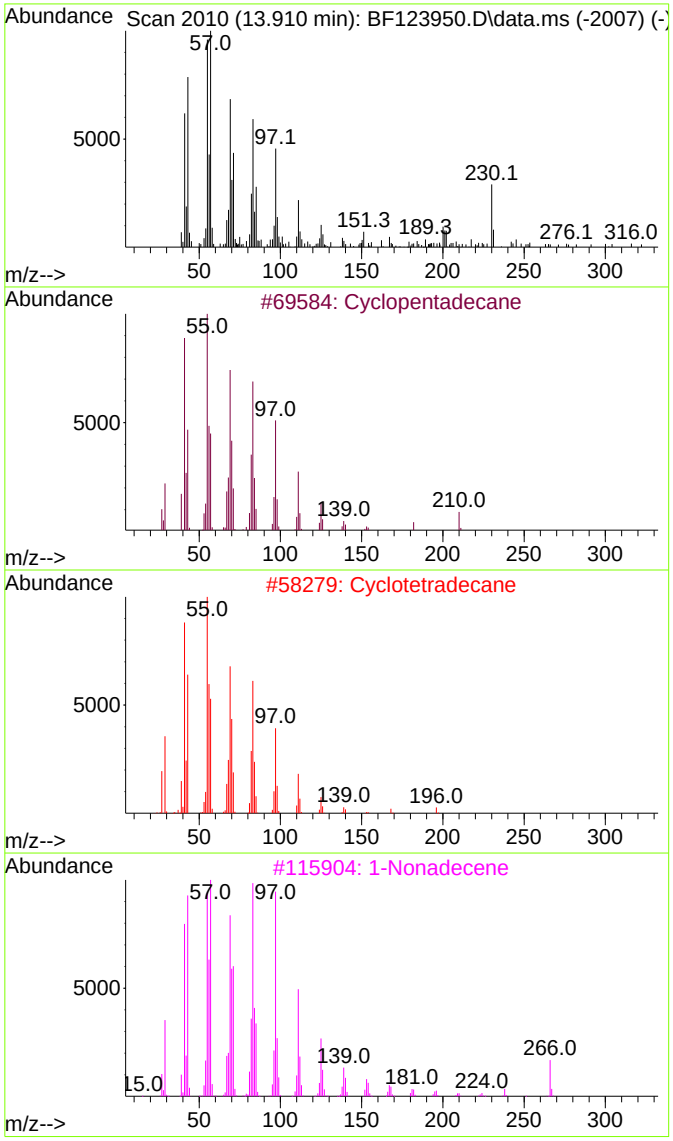
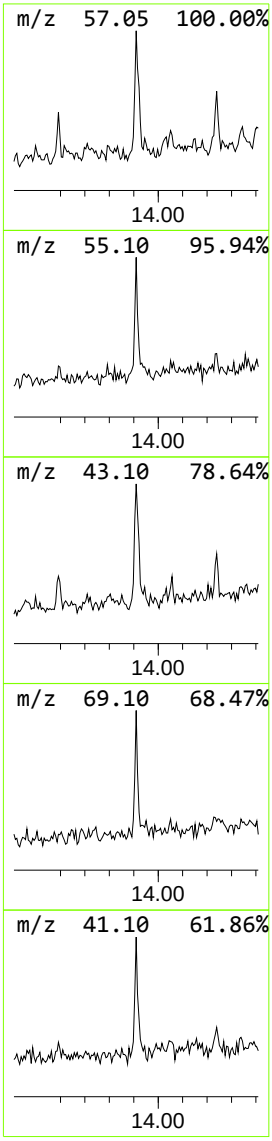
Peak Number 15 Cyclopentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	8.89 ng	227928	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	Cyclotetradecane	196	C14H28	000295-17-0	95
3	1-Nonadecene	266	C19H38	018435-45-5	93
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
5	9-Nonadecene	266	C19H38	031035-07-1	92





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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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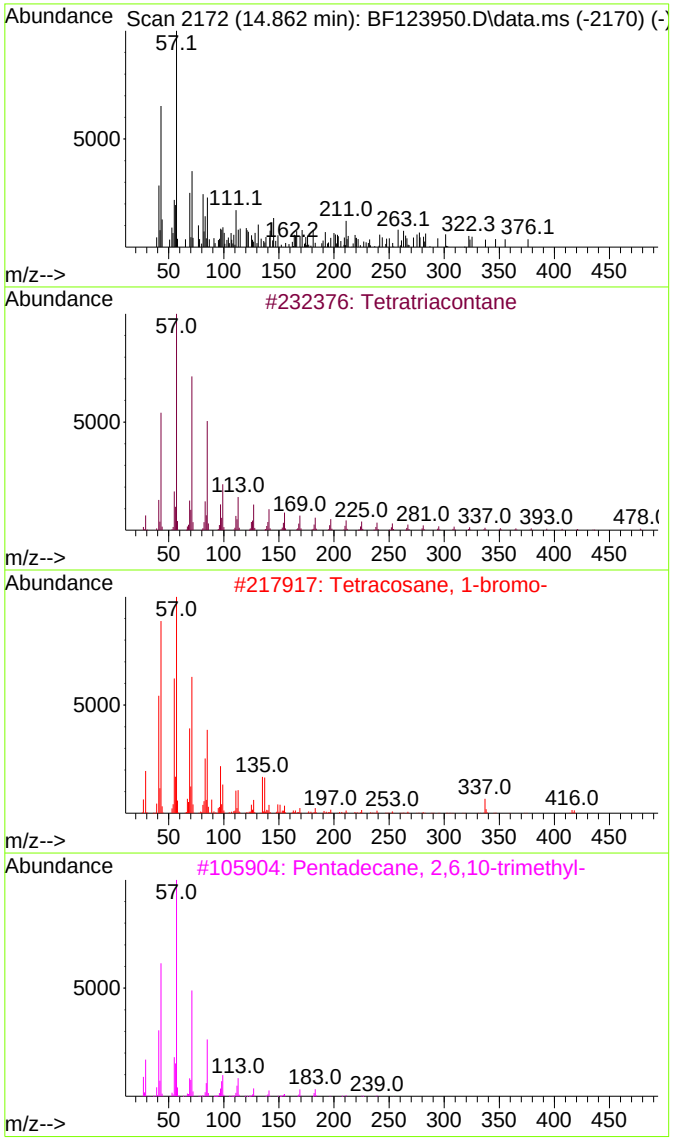
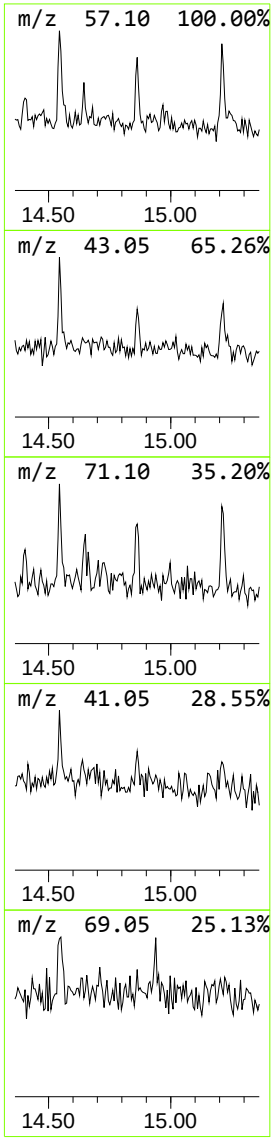
Peak Number 16 unknown14.863 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.863	4.74 ng	37329	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	35
2	Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	22
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	18
4	Acetylacetone	100	C5H8O2	000123-54-6	18
5	Pentadecane	212	C15H32	000629-62-9	18





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ClientSampleId :
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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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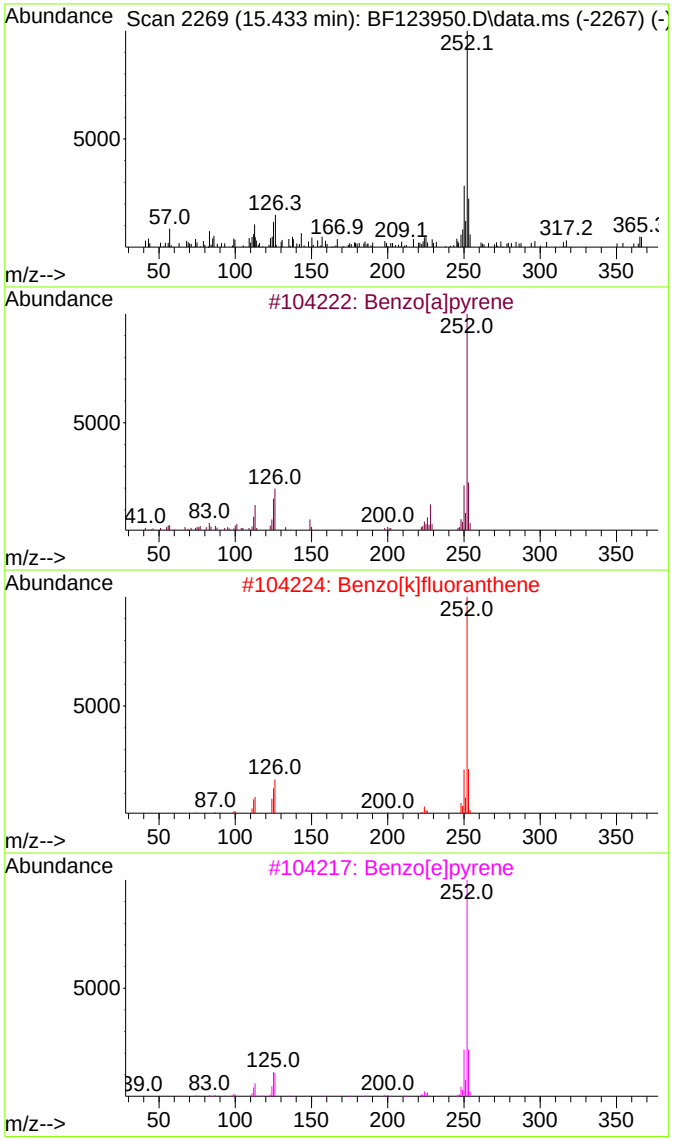
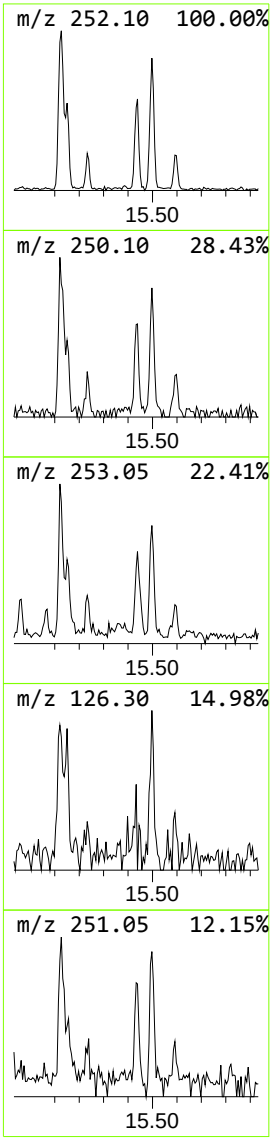
Peak Number 17 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	14.09 ng	110863	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	86
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
3	Benzo[e]pyrene	252	C20H12	000192-97-2	76
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	76
5	Perylene	252	C20H12	000198-55-0	76





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Data File : BF123950.D
Acq On : 15 May 2021 17:51
Operator : JU/CG
Sample : M2392-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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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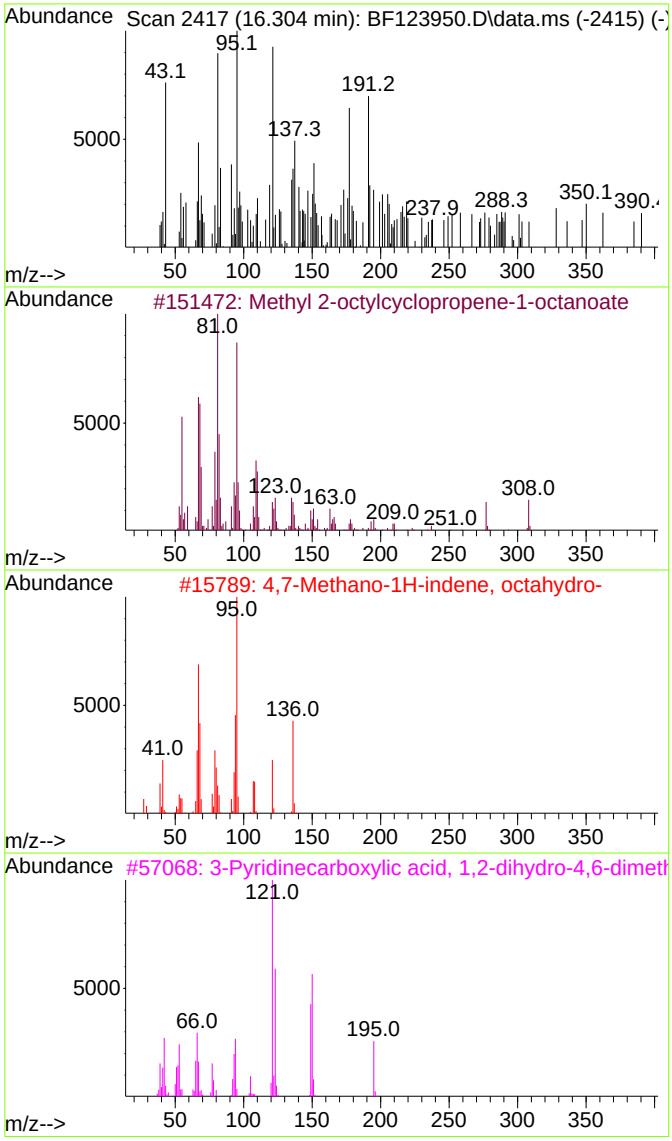
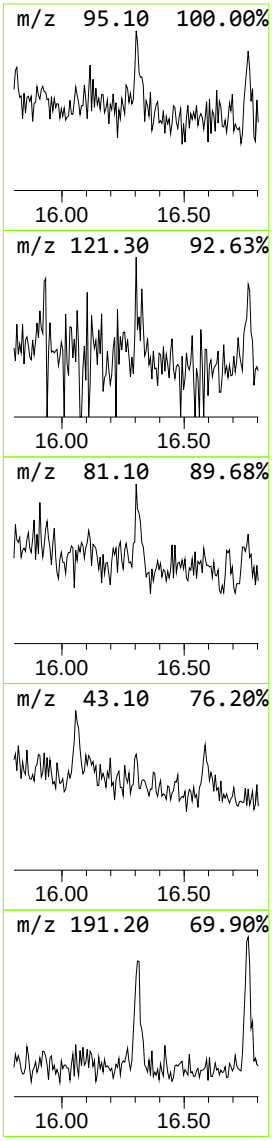
Peak Number 18 unknown16.304 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.304	11.63 ng	91502	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	46
2	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	38
3	3-Pyridinecarboxylic acid, 1,2-d...	195	C10H13NO3	1000349-78-0	30
4	1,4-Methanonaphthalene, 6,7-diet...	206	C15H26	016539-02-9	15
5	cis,cis-2,8-Dimethylspiro[5.5]un...	180	C13H24	095530-75-9	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123950.D
Acq On : 15 May 2021 17:51
Operator : JU/CG
Sample : M2392-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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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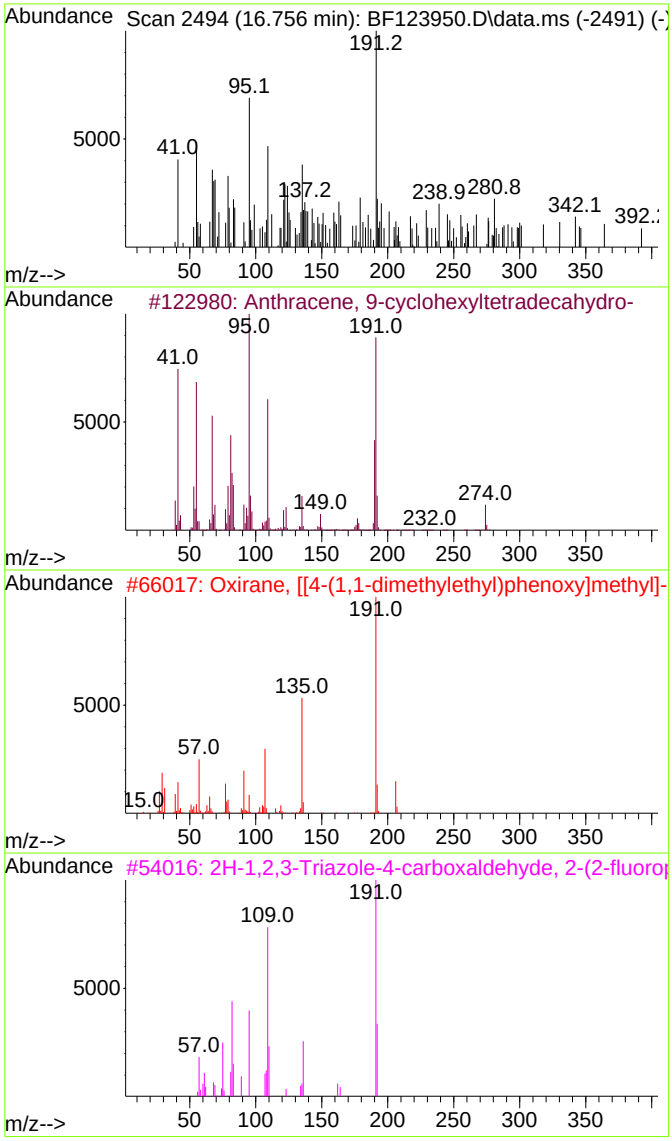
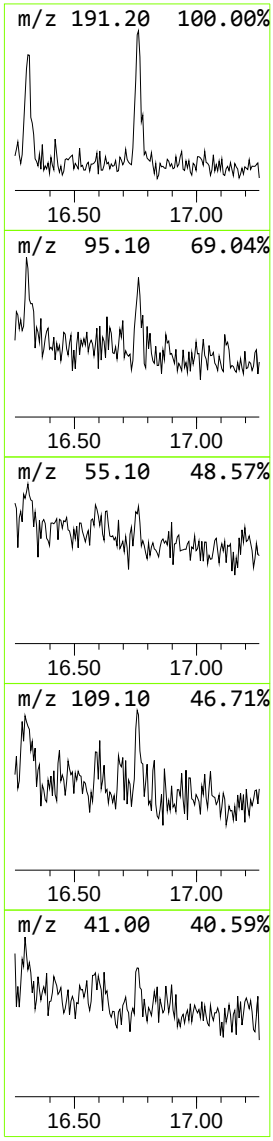
Peak Number 19 unknown16.756 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.756	11.29 ng	88817	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	38
2	Oxirane, [[4-(1,1-dimethylethyl)...	206	C13H18O2	003101-60-8	35
3	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	27
4	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	25
5	1H-Inden-1-one, 2,3-dihydro-5,6-...	206	C12H14O3	004082-25-1	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123950.D
Acq On : 15 May 2021 17:51
Operator : JU/CG
Sample : M2392-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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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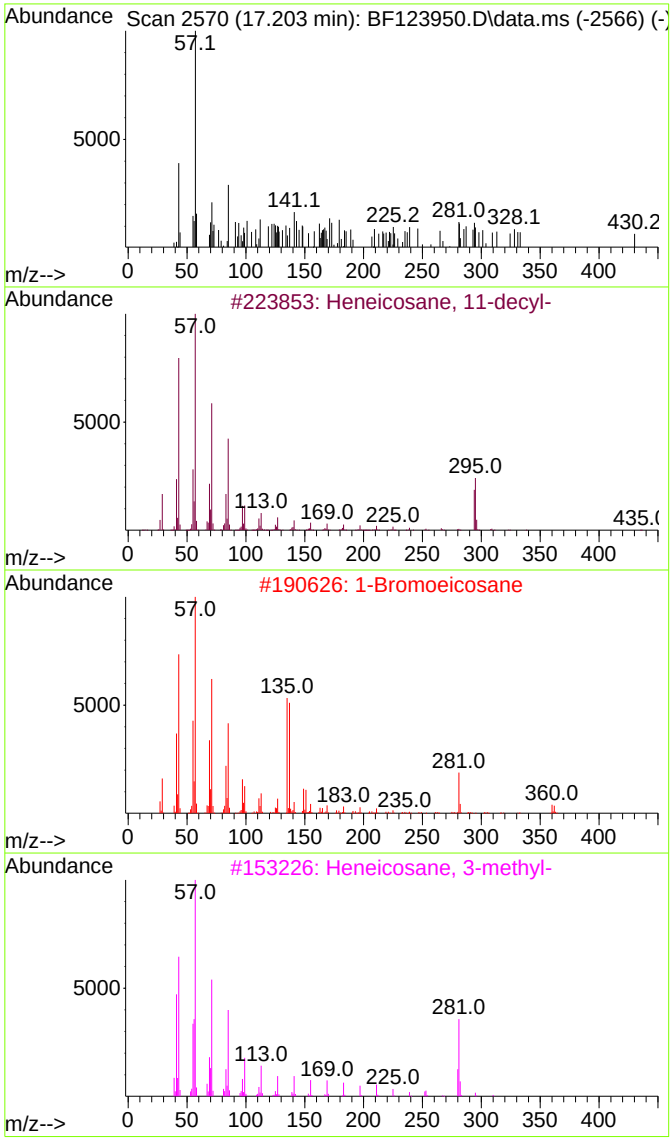
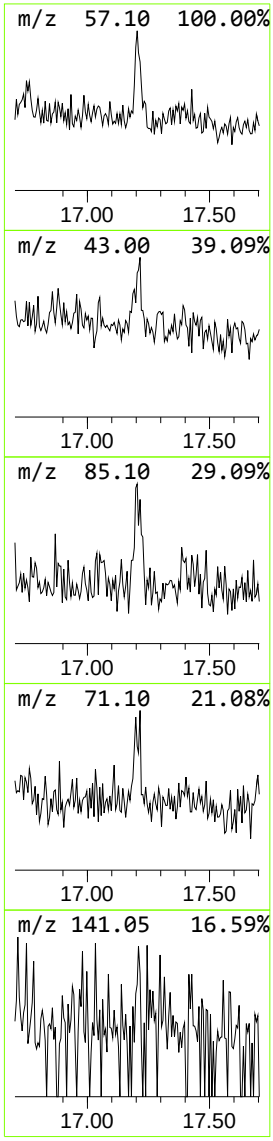
Peak Number 20 unknown17.203 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.203	5.00 ng	39364	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	12
2	1-Bromoeicosane	360	C20H41Br	004276-49-7	12
3	Heneicosane, 3-methyl-	310	C22H46	006418-47-9	12
4	Hexadecane, 6,11-dipentyl-	366	C26H54	015874-03-0	9
5	N-[1-(3-Chloro-4-fluoroanilino)-...	394	C14H14ClF7N2O	311766-43-5	8





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123950.D
Acq On : 15 May 2021 17:51
Operator : JU/CG
Sample : M2392-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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
Butane, 2-metho...	2.175	38.3	ng	581074	1	6.904	303401	20.0
unknown5.116	5.116	3.8	ng	58284	1	6.904	303401	20.0
Dodecane	9.345	5.9	ng	109953	3	9.939	373200	20.0
2-Bromo dodecane	9.875	4.8	ng	89788	3	9.939	373200	20.0
Pentadecane, 6-...	10.374	5.7	ng	106922	3	9.939	373200	20.0
Undecane, 5-met...	10.845	9.9	ng	156848	4	11.427	316794	20.0
Eicosane	11.292	6.1	ng	95946	4	11.427	316794	20.0
Tetradecane	11.327	6.6	ng	104726	4	11.427	316794	20.0
Octadecane, 1-i...	11.722	5.3	ng	83158	4	11.427	316794	20.0
Anthracene, 2-m...	11.957	7.3	ng	115549	4	11.427	316794	20.0
unknown12.039	12.039	5.4	ng	85785	4	11.427	316794	20.0
Pentadecane	12.127	4.0	ng	63778	4	11.427	316794	20.0
Phenanthrene, 3...	12.480	3.8	ng	60227	4	11.427	316794	20.0
Heptadecane	12.522	5.3	ng	83859	4	11.427	316794	20.0
Cyclopentadecane	13.910	8.9	ng	227928	5	14.068	512748	20.0
unknown14.863	14.863	4.7	ng	37329	6	15.562	157358	20.0
Benzo[e]pyrene	15.433	14.1	ng	110863	6	15.562	157358	20.0
unknown16.304	16.304	11.6	ng	91502	6	15.562	157358	20.0
unknown16.756	16.756	11.3	ng	88817	6	15.562	157358	20.0
unknown17.203	17.203	5.0	ng	39364	6	15.562	157358	20.0