LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112083.D
Acq On : 17 Jan 2019 12:29
Operator : JU/SJ
Sample : K1012-09 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-011518-B

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-BF011619.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	5.487	575	578	586	rBV	654718	613942	8.12%	1.044%
2	6.498	747	750	756	rBV	769170	712385	9.42%	1.212%
3	6.634	769	773	779	rVB	867188	735225	9.73%	1.250%
4	6.698	779	784	787	rBV2	188231	196844	2.60%	0.335%
5	6.857	808	811	819	rBV	1809196	1699494	22.48%	2.890%
6	7.016	834	838	841	rBV	737150	626955	8.29%	1.066%
7	7.251	874	878	882	rBV3	69698	83950	1.11%	0.143%
8	7.416	903	906	910	rVV	420865	325063	4.30%	0.553%
9	7.457	910	913	917	rVB	342283	274927	3.64%	0.468%
10	7.510	917	922	925	rVB4	58569	84407	1.12%	0.144%
11	7.892	983	987	992	rVB5	76979	143580	1.90%	0.244%
12	8.145	1024	1030	1032	rBV	2478052	2554176	33.79%	4.344%
13	8.163	1032	1033	1036	rVV	717354	469567	6.21%	0.799%
14	8.204	1038	1040	1043	rVB2	114154	102633	1.36%	0.175%
15	8.439	1074	1080	1086	rBV5	98724	140065	1.85%	0.238%
16	8.522	1092	1094	1097	rBV3	78751	81366	1.08%	0.138%
17	8.563	1097	1101	1103	rBV2	113224	100634	1.33%	0.171%
18	8.645	1112	1115	1118	rBV2	110560	102040	1.35%	0.174%
19	8.734	1127	1130	1134	rBV	433318	338625	4.48%	0.576%
20	8.857	1148	1151	1155	rVB	339126	268427	3.55%	0.457%
21	8.957	1164	1168	1172	rBV2	205416	219967	2.91%	0.374%
22	9.098	1188	1192	1196	rVB2	66130	91095	1.21%	0.155%
23	9.163	1201	1203	1208	rVB2	104490	103990	1.38%	0.177%
24	9.216	1208	1212	1215	rBV	1113041	893151	11.81%	1.519%
25	9.298	1223	1226	1228	rBV	386534	317125	4.19%	0.539%
26	9.486	1251	1258	1262	rBV	107166	162992	2.16%	0.277%
27	9.557	1263	1270	1272	rVV	187570	216498	2.86%	0.368%
28	9.581	1272	1274	1276	rVV2	125240	109603	1.45%	0.186%
29	9.604	1276	1278	1283	rVV3	158095	239484	3.17%	0.407%
30	9.675	1287	1290	1295	rVV2	103211	103743	1.37%	0.176%
31	9.828	1313	1316	1319	rVB	319474	233923	3.09%	0.398%
32	9.898	1321	1328	1331	rBV	2752305	2347829	31.06%	3.993%
33	9.928	1331	1333	1337	rVB	535869	451453	5.97%	0.768%
34	10.057	1350	1355	1358	rBV6	53352	77325	1.02%	0.132%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112083.D
Acq On : 17 Jan 2019 12:29
Operator : JU/SJ
Sample : K1012-09 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-011518-B

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-BF011619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.104	1358	1363	1367	rVV	387428	401569	5.31%	0.683%
36	10.139	1367	1369	1375	rVB3	72771	100858	1.33%	0.172%
37	10.328	1398	1401	1404	rVB	269277	206347	2.73%	0.351%
38	10.445	1417	1421	1426	rBV	727342	610919	8.08%	1.039%
39	10.598	1445	1447	1451	rVB	124631	118868	1.57%	0.202%
40	10.686	1456	1462	1466	rBV	534020	537923	7.12%	0.915%
41	10.798	1478	1481	1487	rBV	209774	272227	3.60%	0.463%
42	10.992	1509	1514	1517	rBV2	132178	153952	2.04%	0.262%
43	11.245	1552	1557	1560	rBV2	176530	199926	2.64%	0.340%
44	11.280	1560	1563	1568	rVB	253517	258952	3.43%	0.440%
45	11.386	1577	1581	1583	rBV	2220122	2067157	27.34%	3.516%
46	11.410	1583	1585	1588	rVV	3103901	2380519	31.49%	4.049%
47	11.457	1590	1593	1597	rVB	785877	697381	9.23%	1.186%
48	11.616	1613	1620	1627	rBV	221891	309614	4.10%	0.527%
49	11.675	1627	1630	1632	rBV2	182525	145701	1.93%	0.248%
50	11.775	1643	1647	1650	rBV	2521951	2080307	27.52%	3.538%
51	11.886	1662	1666	1668	rBV	264783	227639	3.01%	0.387%
52	11.916	1668	1671	1676	rVB	373158	333278	4.41%	0.567%
53	11.963	1676	1679	1682	rBV	170626	149633	1.98%	0.254%
54	11.998	1682	1685	1688	rVV	518391	556303	7.36%	0.946%
55	12.022	1688	1689	1693	rVB	169558	92448	1.22%	0.157%
56	12.080	1693	1699	1704	rBV2	136907	188469	2.49%	0.321%
57	12.180	1713	1716	1718	rBV	206552	164628	2.18%	0.280%
58	12.433	1756	1759	1760	rBV	132521	125748	1.66%	0.214%
59	12.463	1760	1764	1766	rVV	7666490	7559655	100.00%	12.857%
60	12.480	1766	1767	1773	rVB2	5309951	4376907	57.90%	7.444%
61	12.563	1778	1781	1784	rVV	975230	780837	10.33%	1.328%
62	12.598	1784	1787	1791	rVV	2754884	2450124	32.41%	4.167%
63	12.827	1820	1826	1832	rBV2	2081567	2441546	32.30%	4.152%
64	12.874	1832	1834	1840	rVB2	118691	143532	1.90%	0.244%
65	12.963	1843	1849	1852	rBV2	798993	835343	11.05%	1.421%
66	13.051	1859	1864	1866	rBV2	136048	216542	2.86%	0.368%
67	13.133	1874	1878	1879	rBV3	106241	126467	1.67%	0.215%
68	13.157	1879	1882	1885	rVB	447845	400495	5.30%	0.681%
69	13.222	1890	1893	1896	rVV	417817	393781	5.21%	0.670%
70	13.257	1896	1899	1902	rVV2	197261	240018	3.17%	0.408%
71	13.286	1902	1904	1907	rVB2	133445	118481	1.57%	0.201%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112083.D
Acq On : 17 Jan 2019 12:29
Operator : JU/SJ
Sample : K1012-09 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-011518-B

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-BF011619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.380	1918	1920	1924	rBV2	96090	116496	1.54%	0.198%
73	13.539	1944	1947	1948	rBV2	82574	83956	1.11%	0.143%
74	13.639	1961	1964	1966	rBV3	76563	103901	1.37%	0.177%
75	13.663	1966	1968	1972	rVB	94800	115562	1.53%	0.197%
76	13.774	1984	1987	1989	rBV	165482	171376	2.27%	0.291%
77	13.804	1989	1992	1994	rVV	139445	124451	1.65%	0.212%
78	13.827	1994	1996	2000	rVV2	126503	172233	2.28%	0.293%
79	14.027	2025	2030	2032	rBV2	2352541	2955533	39.10%	5.026%
80	14.051	2032	2034	2037	rVB	1012291	762846	10.09%	1.297%
81	14.133	2045	2048	2051	rVB	230327	187820	2.48%	0.319%
82	14.410	2093	2095	2099	rVB	202761	185937	2.46%	0.316%
83	14.486	2106	2108	2110	rBV2	116303	115385	1.53%	0.196%
84	14.910	2177	2180	2188	rVB	238485	374588	4.96%	0.637%
85	15.068	2203	2207	2210	rBV	802028	1156716	15.30%	1.967%
86	15.133	2216	2218	2222	rVB2	188475	185835	2.46%	0.316%
87	15.180	2223	2226	2229	rBV	162461	169806	2.25%	0.289%
88	15.374	2256	2259	2265	rVB	447630	545722	7.22%	0.928%
89	15.439	2266	2270	2275	rVV	654198	844599	11.17%	1.436%
90	15.504	2276	2281	2292	rVB2	1294939	2050301	27.12%	3.487%
91	15.951	2355	2357	2361	rVB	197534	224669	2.97%	0.382%
92	16.974	2528	2531	2538	rVB2	257567	465631	6.16%	0.792%

Sum of corrected areas: 58799940

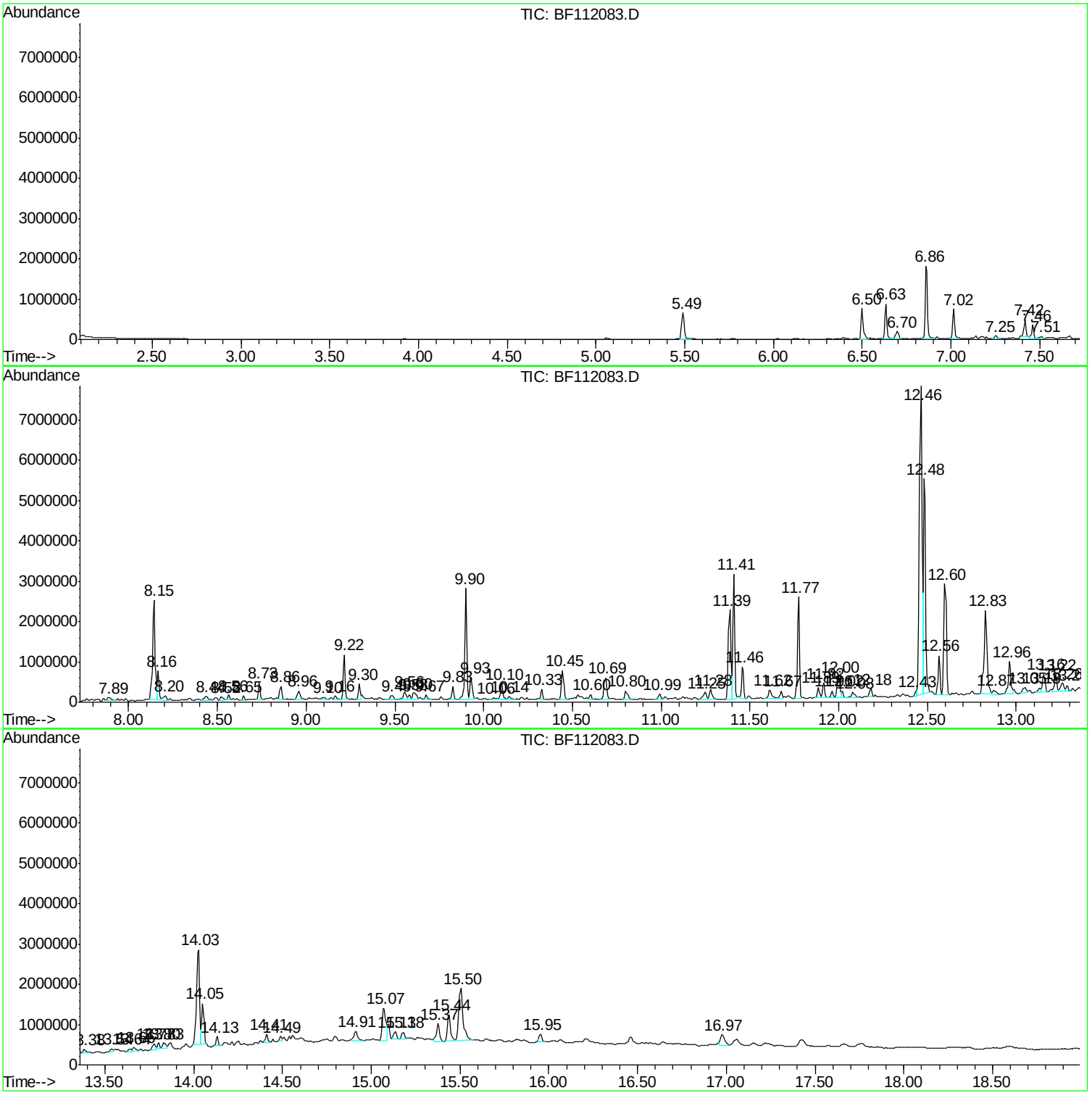
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112083.D
Acq On : 17 Jan 2019 12:29
Operator : JU/SJ
Sample : K1012-09 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-011518-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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\BF011719\
Data File : BF112083.D
Acq On : 17 Jan 2019 12:29
Operator : JU/SJ
Sample : K1012-09 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-011518-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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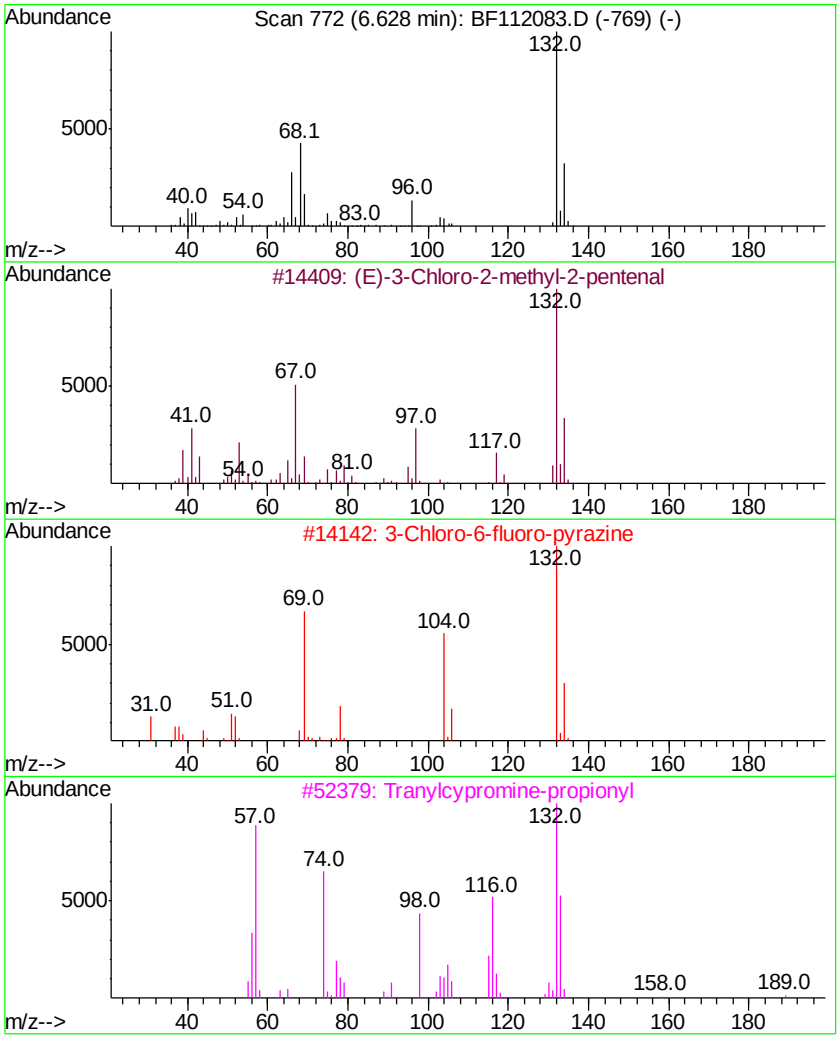
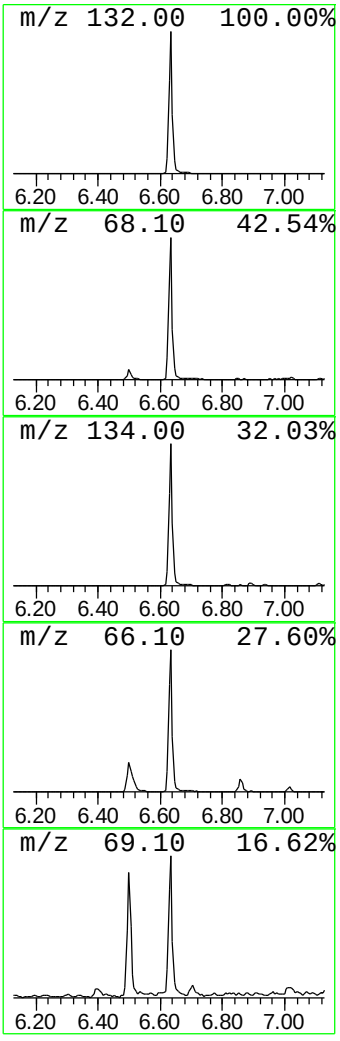
Peak Number 1 unknown6.63 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	8.65 ng	735225	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112083.D
Acq On : 17 Jan 2019 12:29
Operator : JU/SJ
Sample : K1012-09 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-011518-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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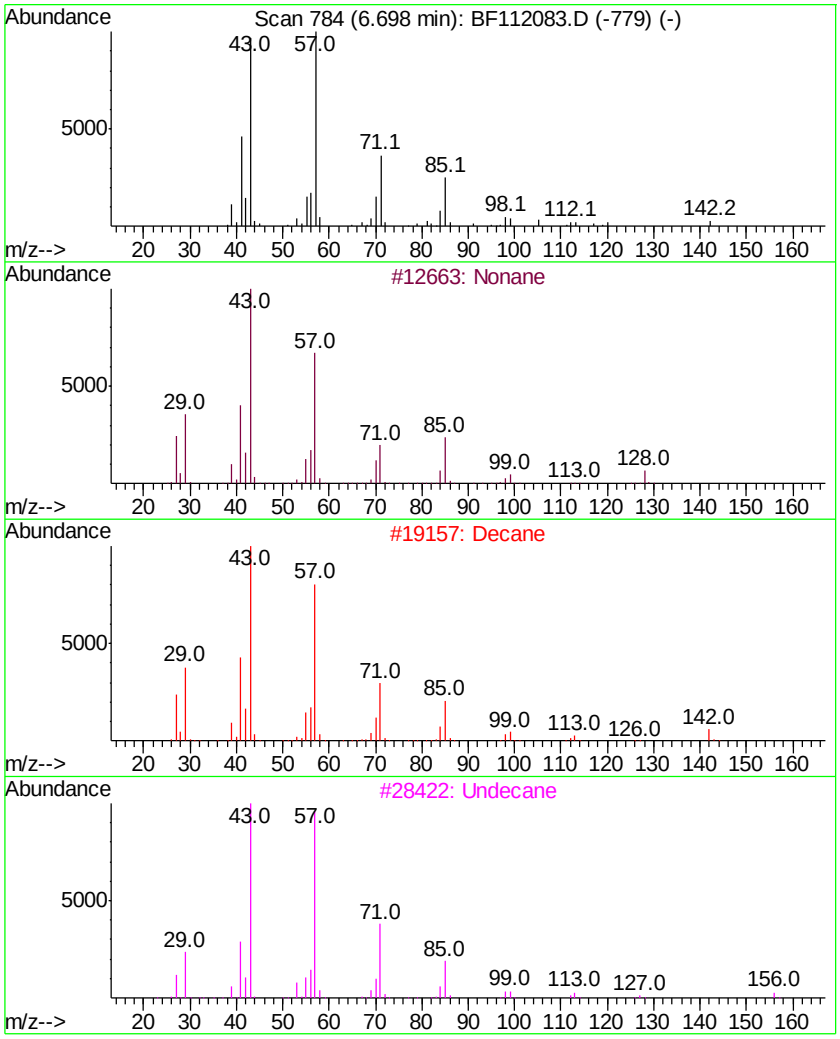
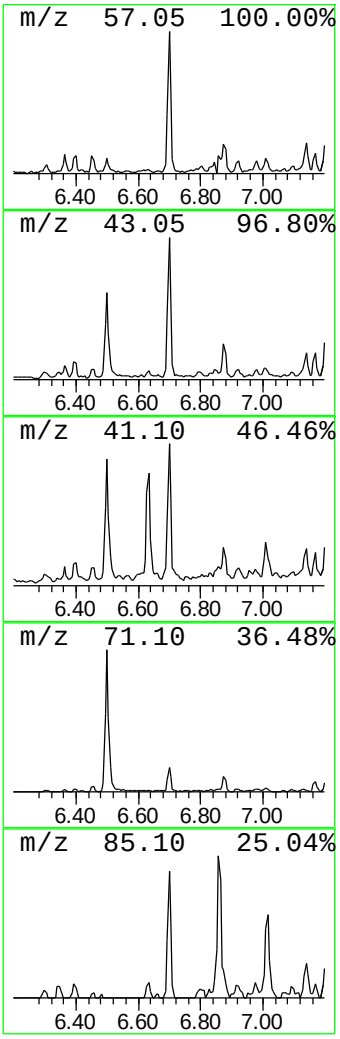
Peak Number 2 Nonane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	2.32 ng	196844	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	83
2	Decane	142	C10H22	000124-18-5	83
3	Undecane	156	C11H24	001120-21-4	78
4	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112083.D
Acq On : 17 Jan 2019 12:29
Operator : JU/SJ
Sample : K1012-09 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-011518-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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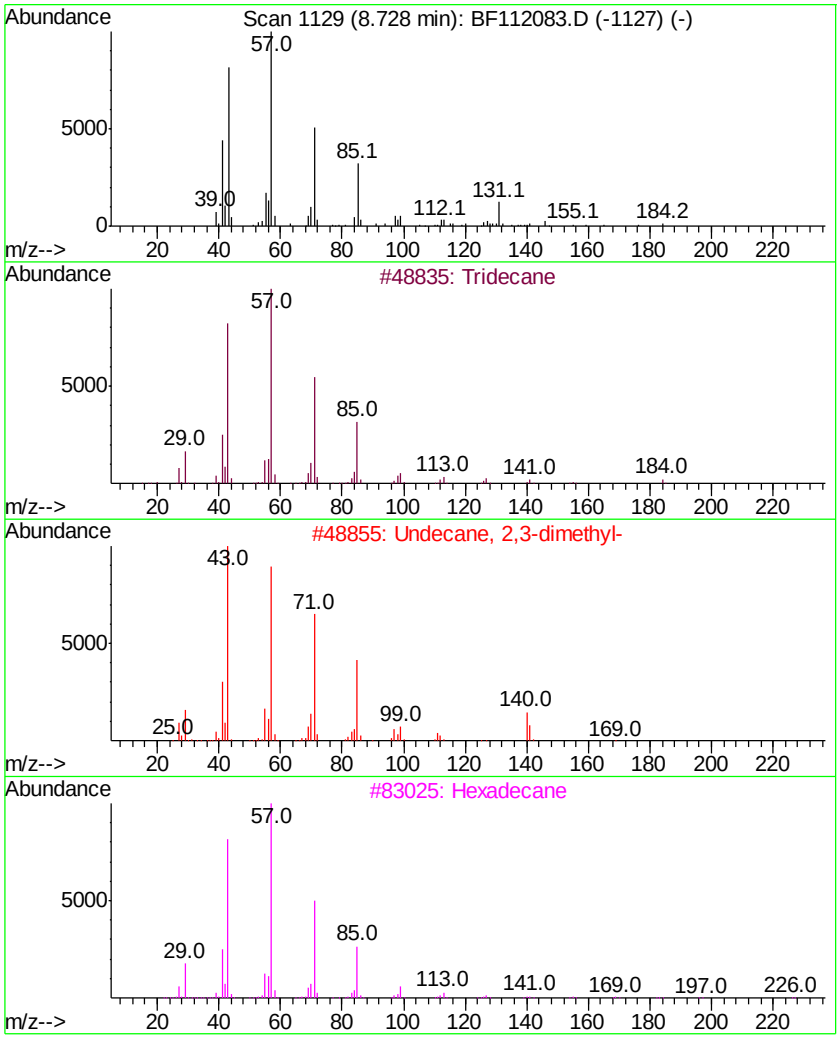
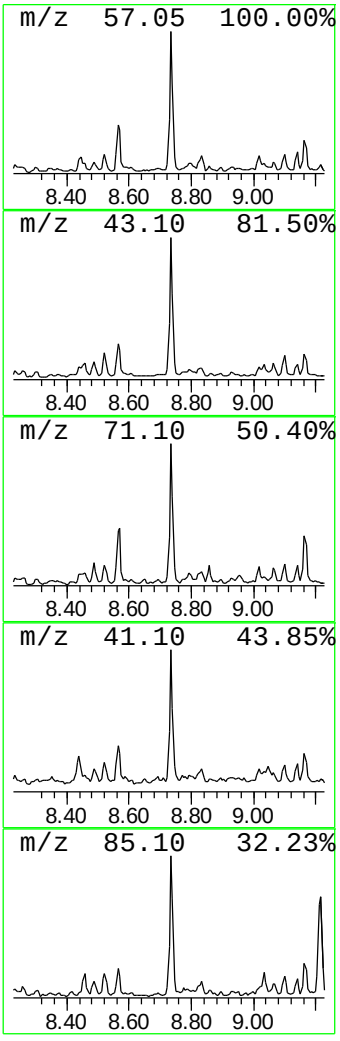
Peak Number 4 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	2.65 ng	338625	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
3	Hexadecane	226	C16H34	000544-76-3	83
4	Tetradecane	198	C14H30	000629-59-4	80
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112083.D
Acq On : 17 Jan 2019 12:29
Operator : JU/SJ
Sample : K1012-09 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-011518-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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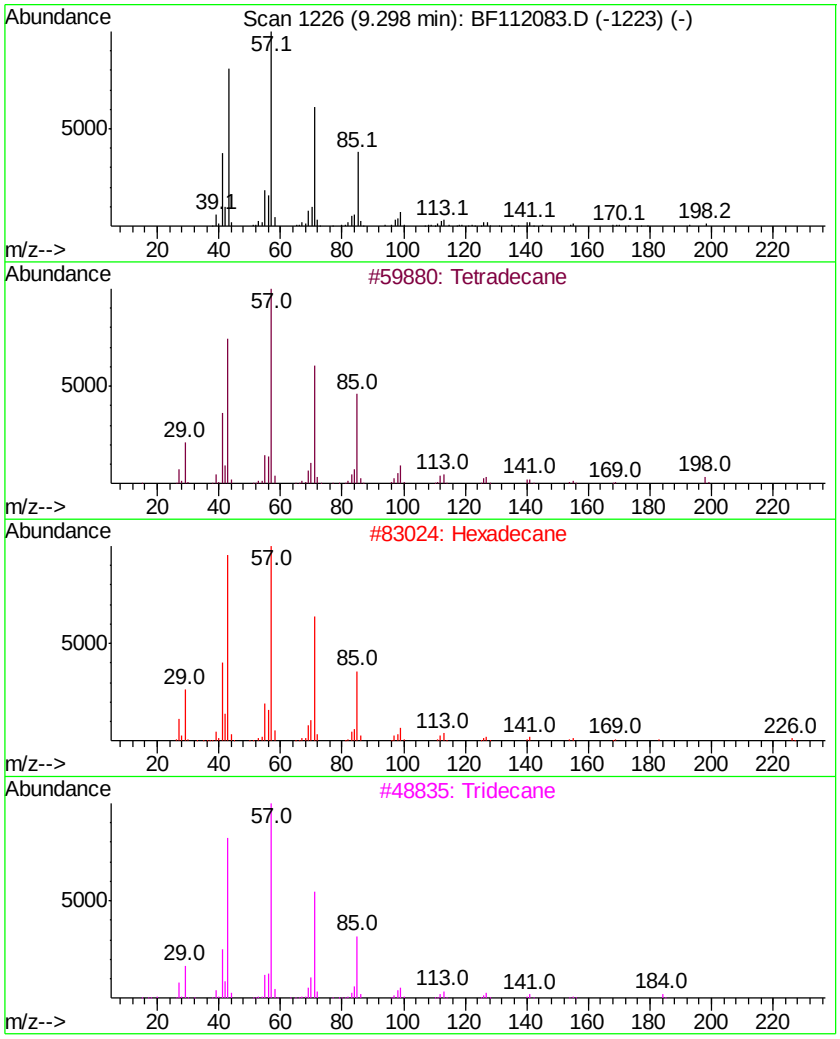
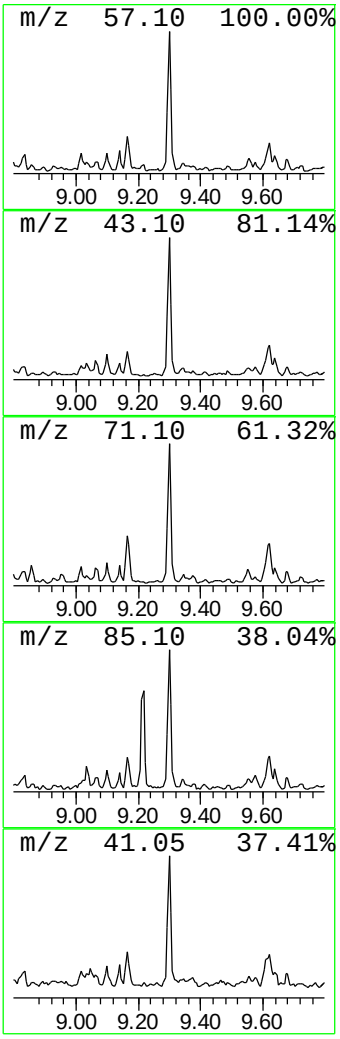
Peak Number 5 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	2.70 ng	317125	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	81
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112083.D
Acq On : 17 Jan 2019 12:29
Operator : JU/SJ
Sample : K1012-09 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-011518-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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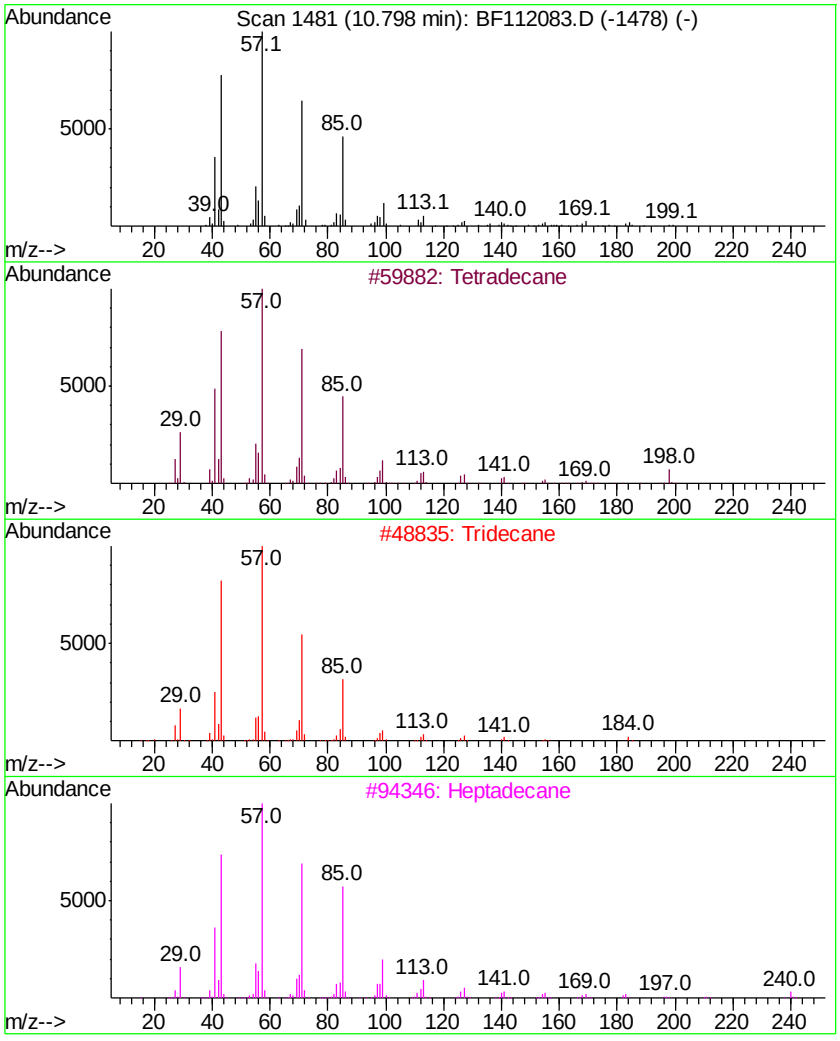
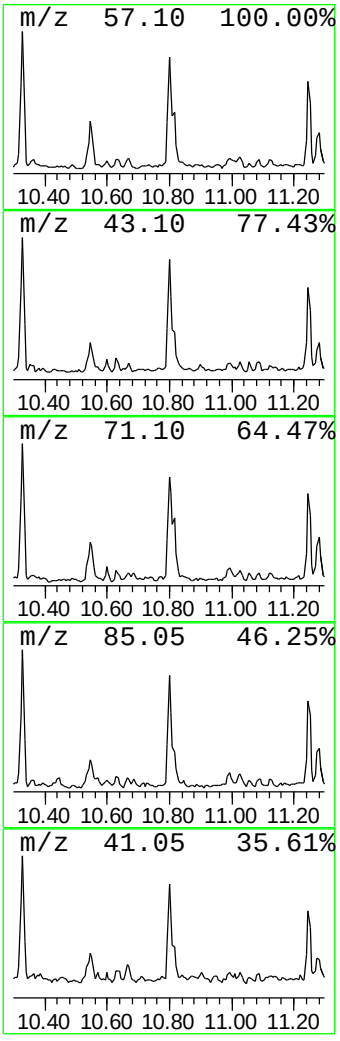
Peak Number 7 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.63 ng	272227	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Tridecane	184	C13H28	000629-50-5	93
3	Heptadecane	240	C17H36	000629-78-7	90
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112083.D
Acq On : 17 Jan 2019 12:29
Operator : JU/SJ
Sample : K1012-09 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-011518-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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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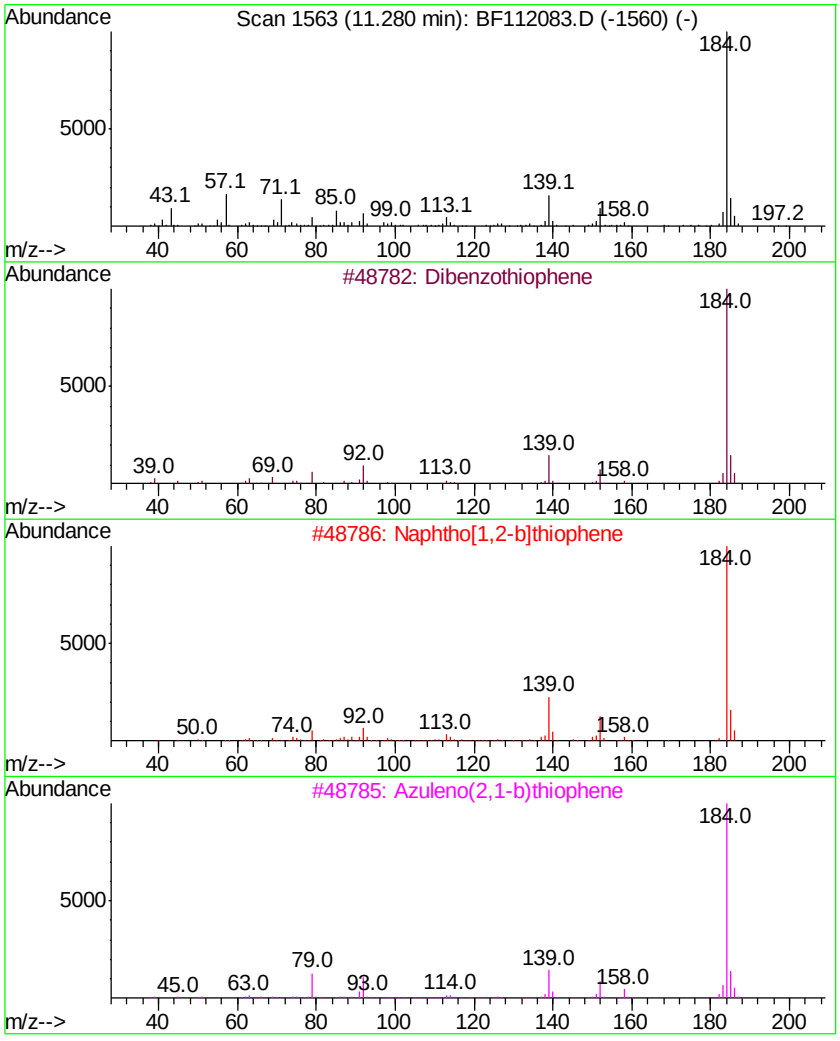
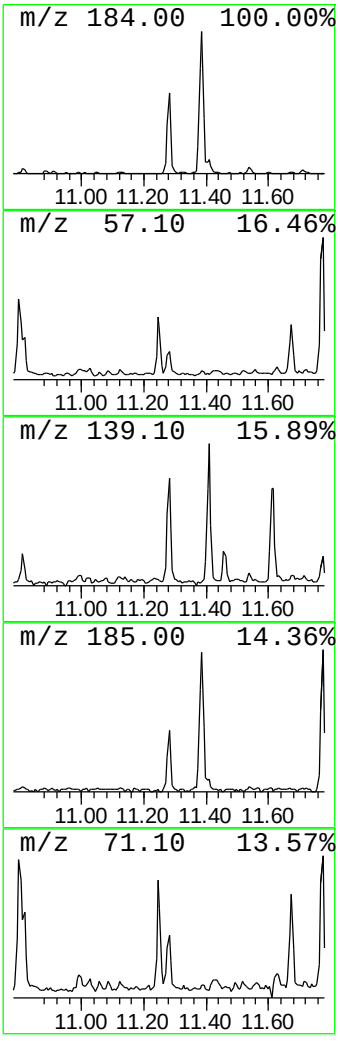
Peak Number 8 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	2.51 ng	258952	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	83





Library Search Compound Report

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Acq On : 17 Jan 2019 12:29
Operator : JU/SJ
Sample : K1012-09 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-011518-B

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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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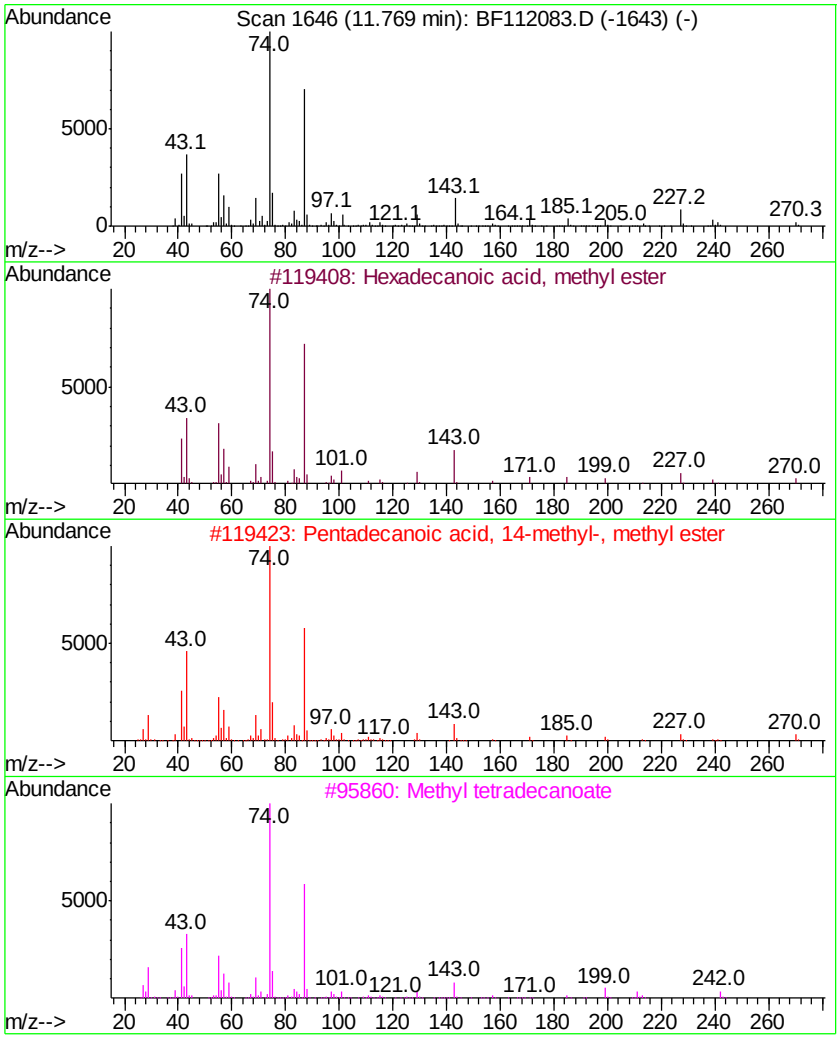
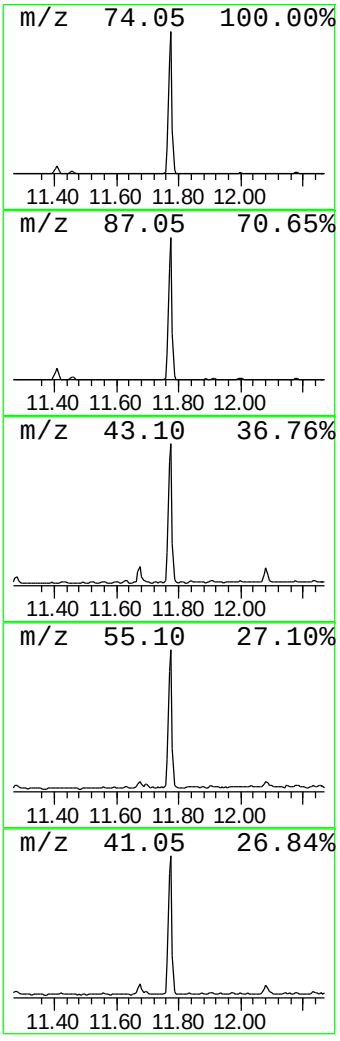
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	20.13 ng	2080310	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80





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ClientSampleId : EO-01-011518-B

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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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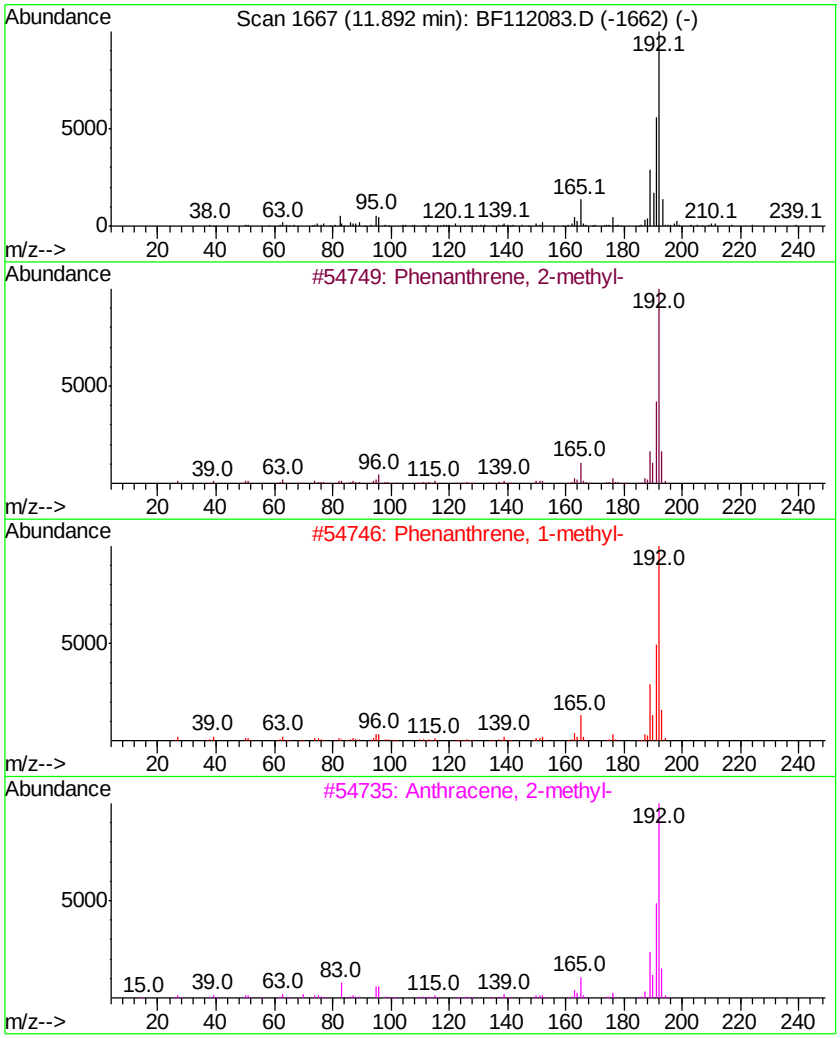
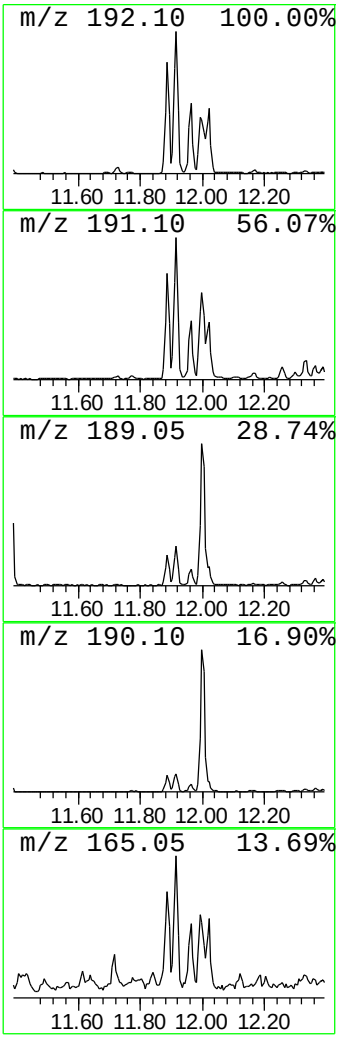
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.20 ng	227639	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Misc :
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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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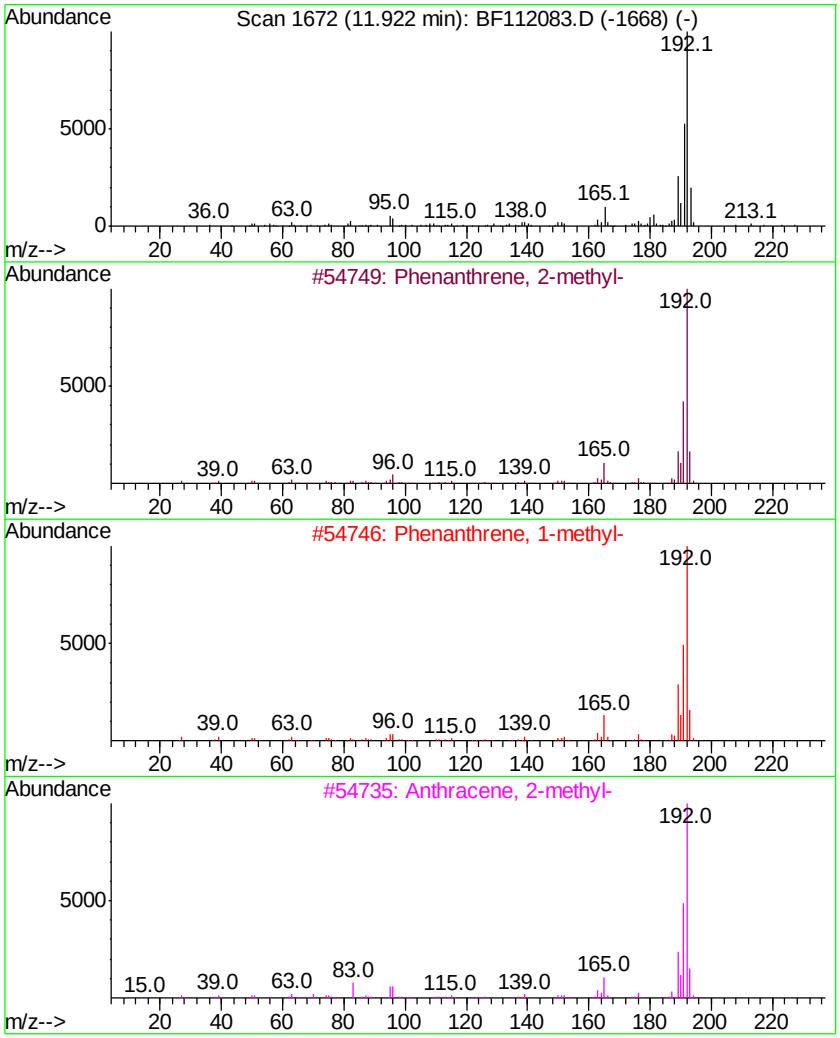
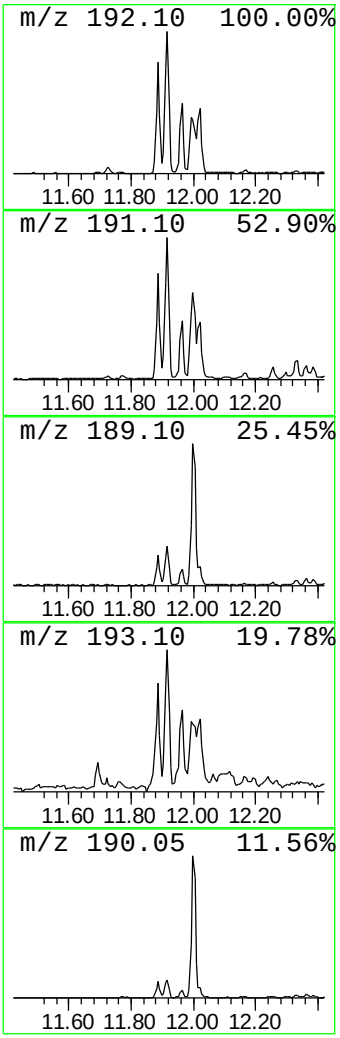
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.22 ng	333278	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Misc :
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Instrument : BNA_F
ClientSampleId : EO-01-011518-B

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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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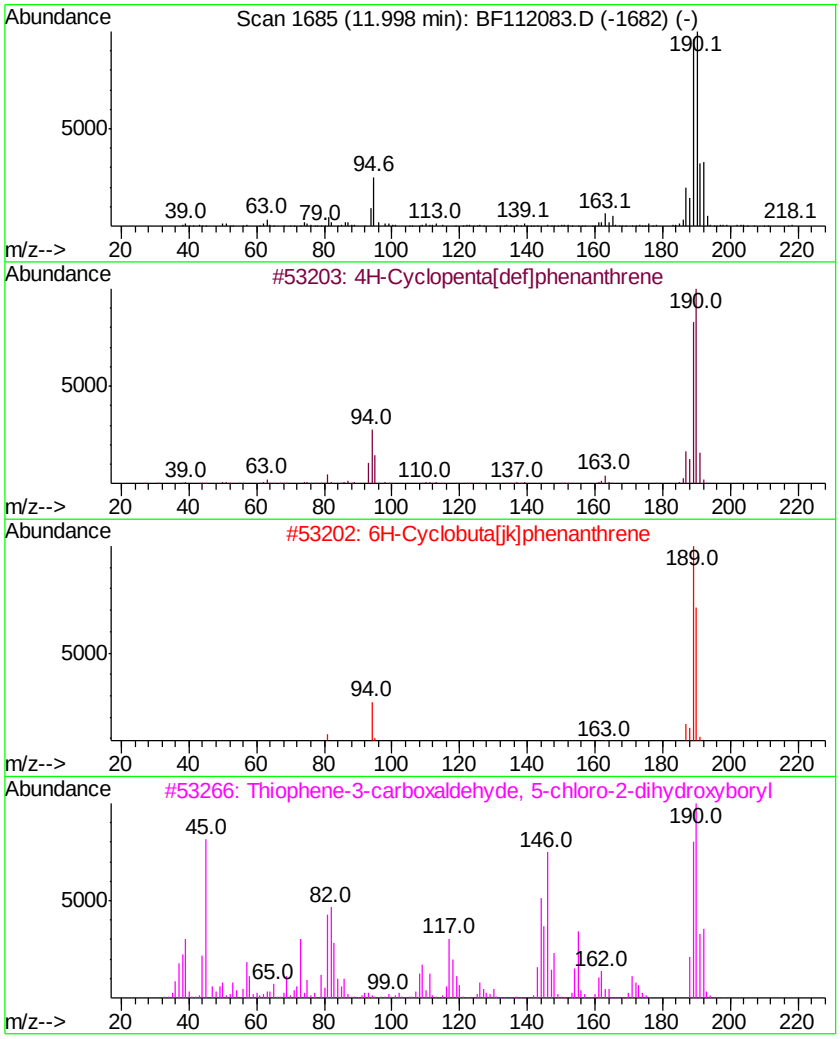
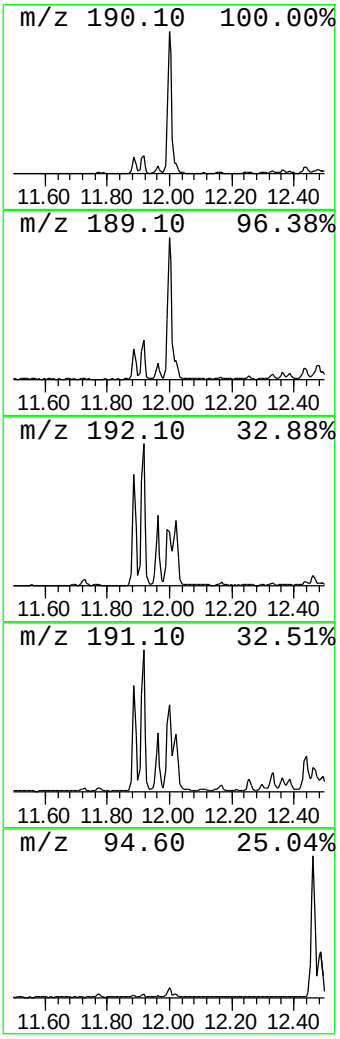
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	5.38 ng	556303	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





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Sample : K1012-09 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-011518-B

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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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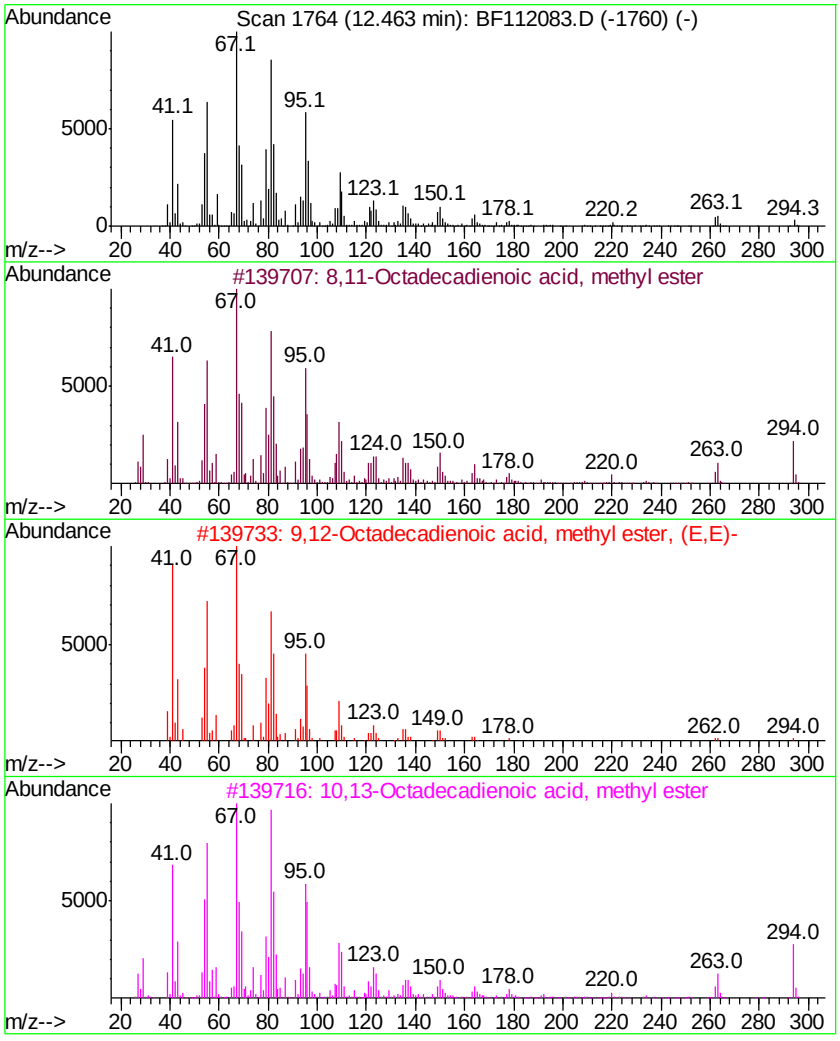
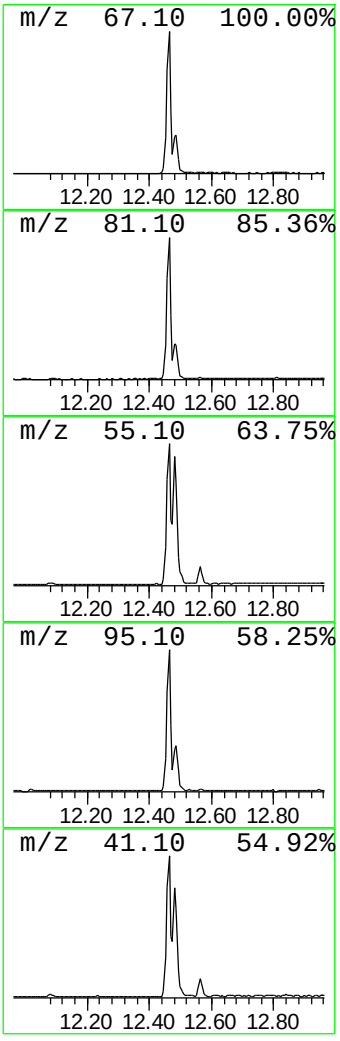
Peak Number 13 8,11-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	73.14 ng	7559660	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





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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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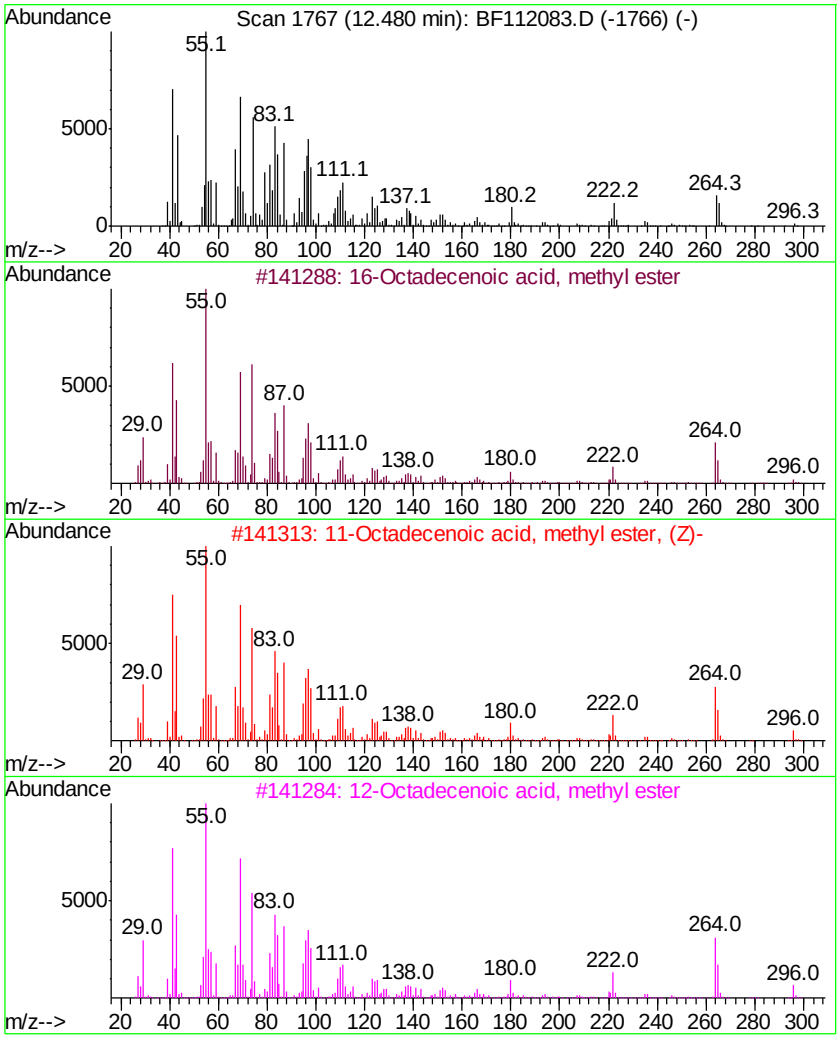
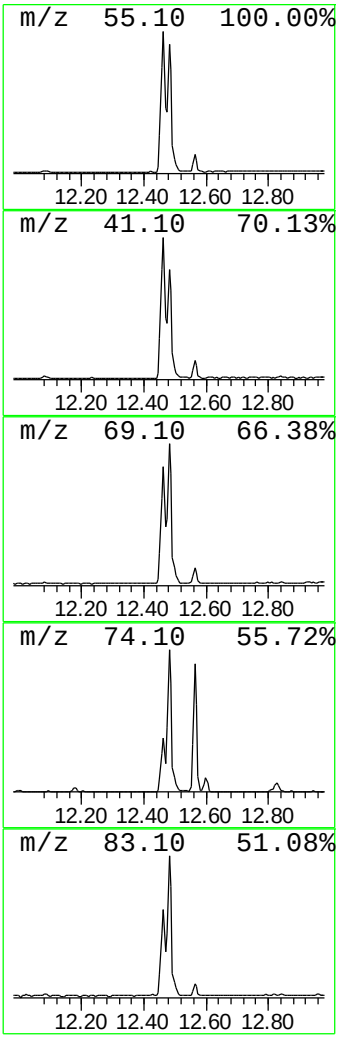
Peak Number 14 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	42.35 ng	4376910	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
4	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99





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Misc :
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Instrument : BNA_F
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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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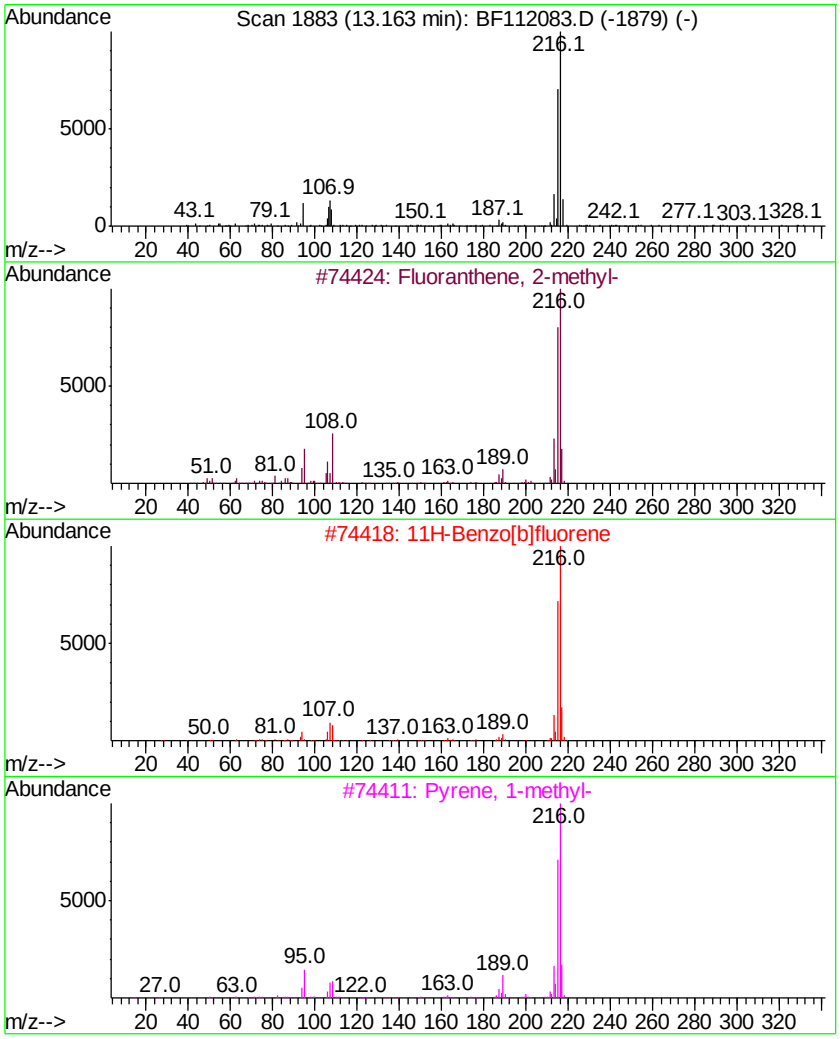
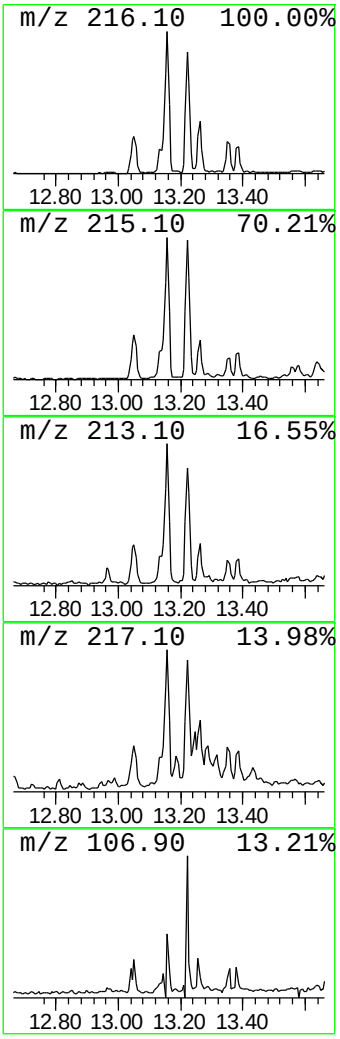
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.71 ng	400495	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-011518-B

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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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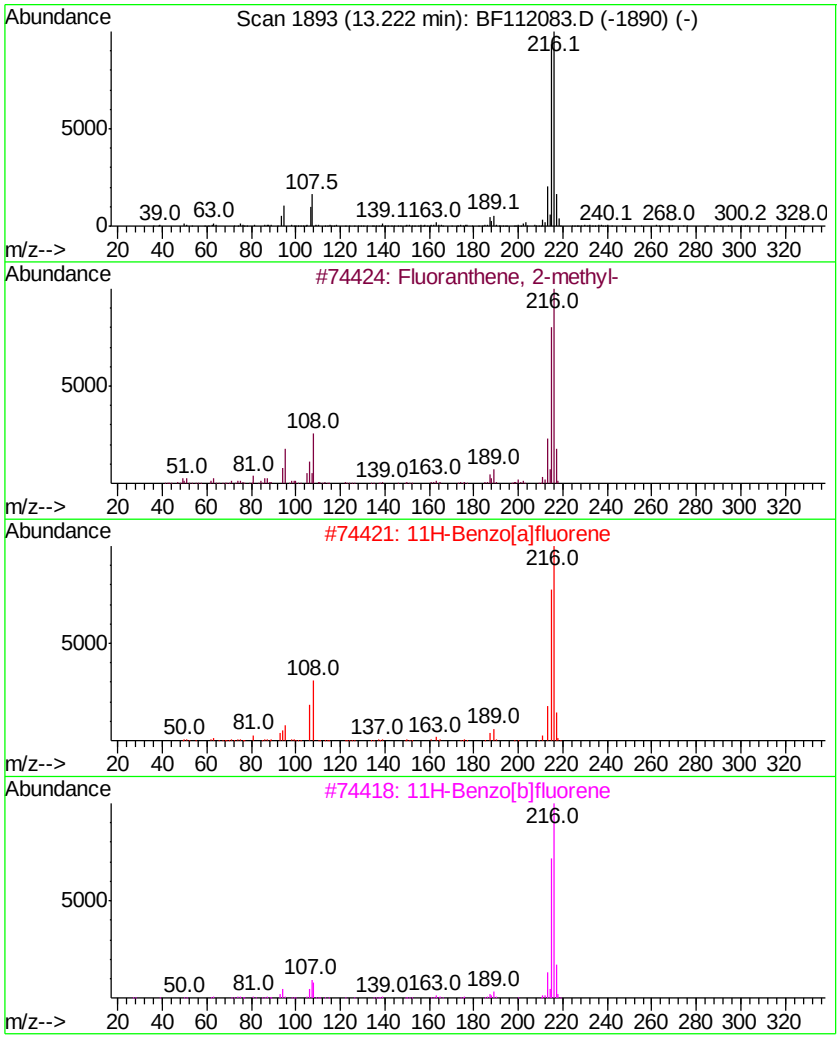
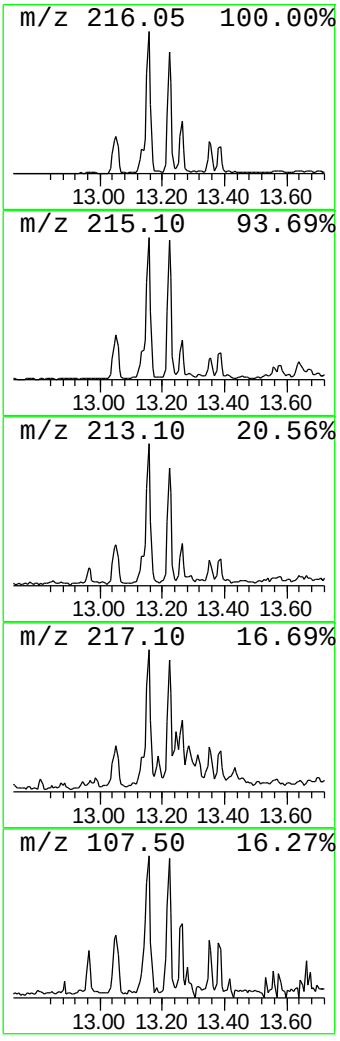
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	2.66 ng	393781	Chrysene-d12	14.03

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	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	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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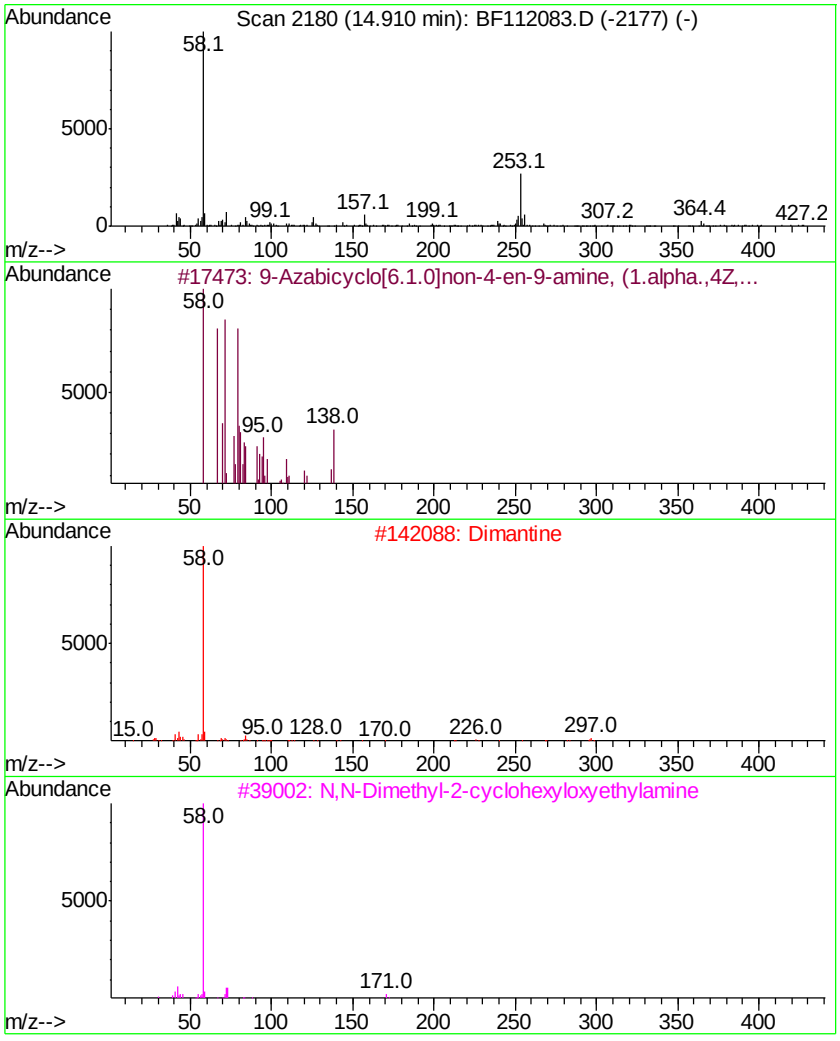
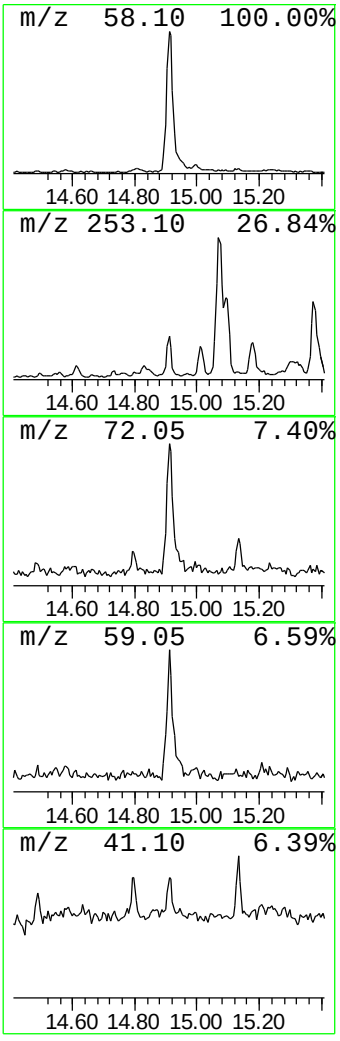
Peak Number 17 unknown14.91 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	3.65 ng	374588	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Azabicyclo[6.1.0]non-4-en-9-am...	138	C8H14N2	066387-78-8	49
2	Dimantine	297	C20H43N	000124-28-7	49
3	N,N-Dimethyl-2-cyclohexyloxyethy...	171	C10H21NO	071126-60-8	47
4	1-Undecanamine, N,N-dimethyl-	199	C13H29N	017373-28-3	47
5	Acetone, 1-[4-(dimethylaminoetho...	221	C13H19NO2	086608-11-9	47





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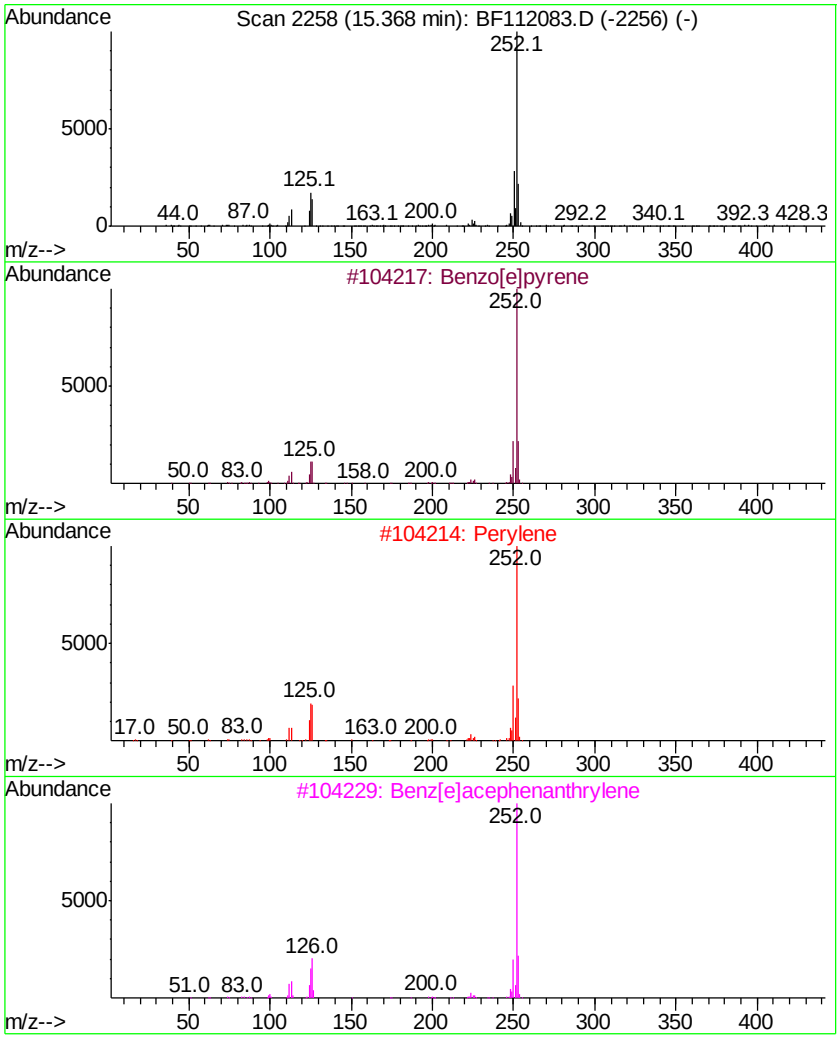
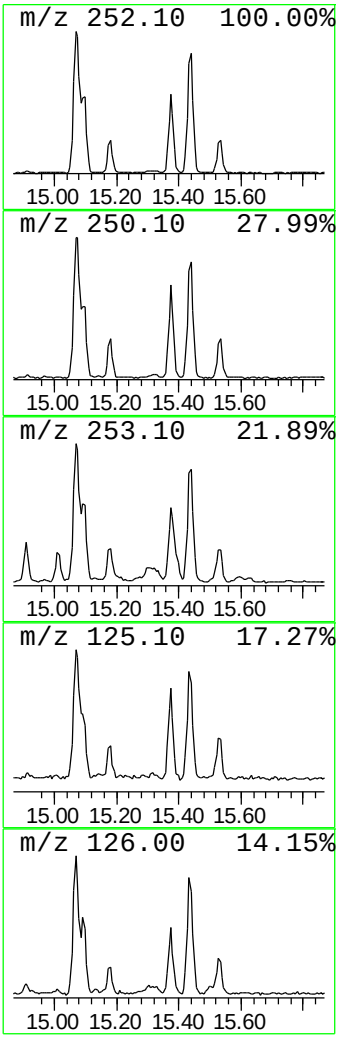
Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	5.32 ng	545722	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





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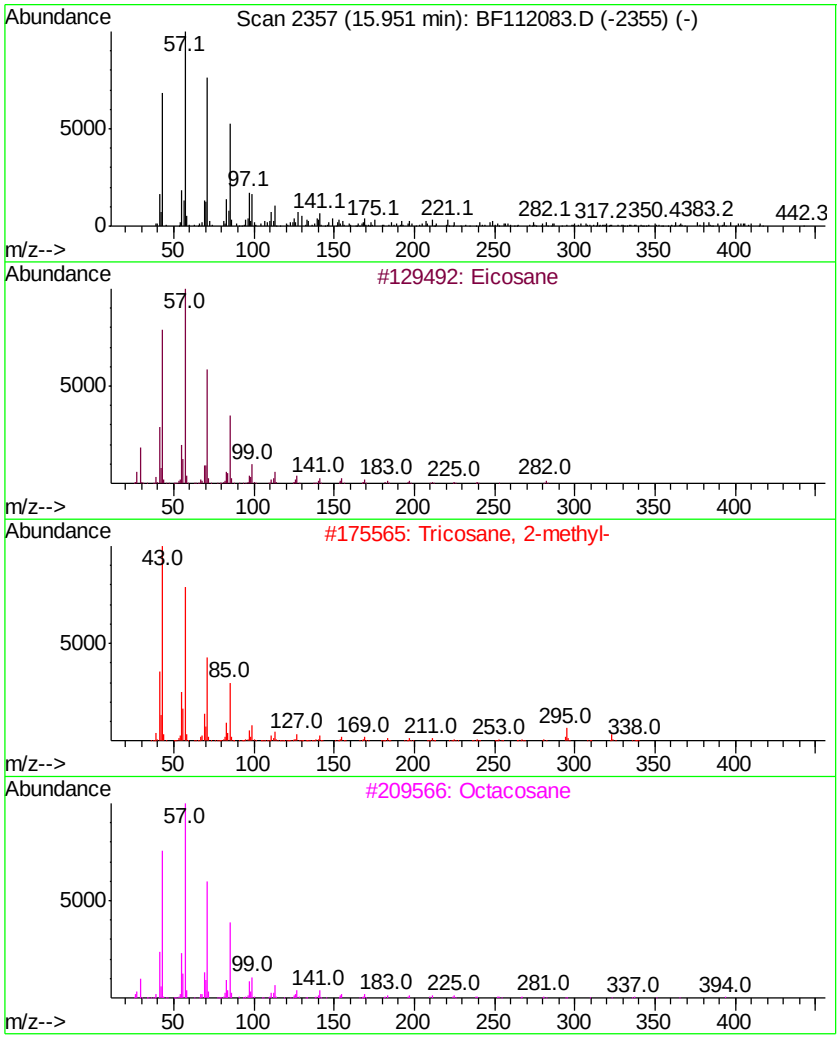
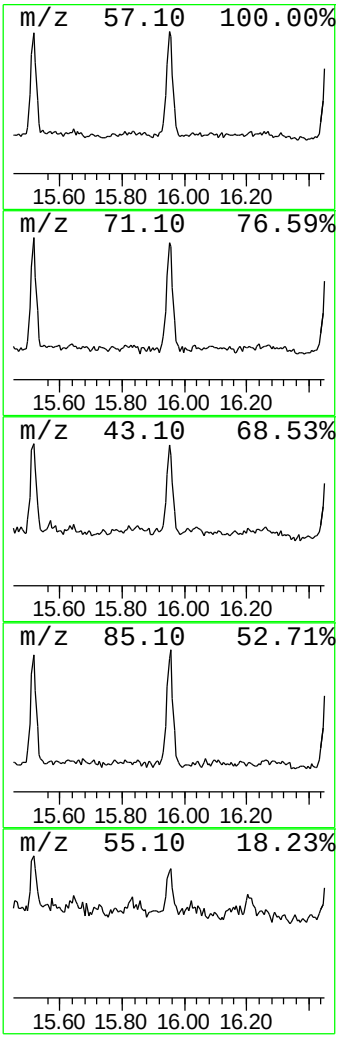
Peak Number 19 Eicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	2.19 ng	224669	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	92
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	87
3	Octacosane	394	C28H58	000630-02-4	83
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	83
5	2-methyloctacosane	408	C29H60	1000376-72-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011719\
Data File : BF112083.D
Acq On : 17 Jan 2019 12:29
Operator : JU/SJ
Sample : K1012-09 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-011518-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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
unknown6.63	6.63	8.7	ng	735225	1	6.86	1699490	20.0
Nonane	6.70	2.3	ng	196844	1	6.86	1699490	20.0
Tridecane	8.73	2.6	ng	338625	2	8.15	2554180	20.0
Tetradecane	9.30	2.7	ng	317125	3	9.90	2347830	20.0
Heptadecane	10.80	2.6	ng	272227	4	11.39	2067160	20.0
Dibenzothiophene	11.28	2.5	ng	258952	4	11.39	2067160	20.0
Hexadecanoic acid...	11.77	20.1	ng	2080310	4	11.39	2067160	20.0
Phenanthrene, 1-m...	11.89	2.2	ng	227639	4	11.39	2067160	20.0
Phenanthrene, 2-m...	11.92	3.2	ng	333278	4	11.39	2067160	20.0
4H-Cyclopenta[def...	12.00	5.4	ng	556303	4	11.39	2067160	20.0
8,11-Octadecadien...	12.46	73.1	ng	7559660	4	11.39	2067160	20.0
16-Octadecenoic a...	12.48	42.4	ng	4376910	4	11.39	2067160	20.0
Fluoranthene, 2-m...	13.16	2.7	ng	400495	5	14.03	2955530	20.0
11H-Benzo[a]fluorene	13.22	2.7	ng	393781	5	14.03	2955530	20.0
unknown14.91	14.91	3.6	ng	374588	6	15.50	2050300	20.0
Benzo[e]pyrene	15.37	5.3	ng	545722	6	15.50	2050300	20.0
Eicosane	15.95	2.2	ng	224669	6	15.50	2050300	20.0