LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111558.D
Acq On : 18 Dec 2018 00:08
Operator : JU/SJ
Sample : J6403-37
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5-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-BF121418.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	4.998	490	495	506	rBV	170079	223618	4.48%	0.390%
2	5.422	563	567	584	rVB	3800193	3580117	71.69%	6.249%
3	6.439	735	740	752	rBV	4597756	4994153	100.00%	8.717%
4	6.563	757	761	765	rVV	4807310	4657113	93.25%	8.128%
5	6.622	768	771	775	rVB3	39670	57840	1.16%	0.101%
6	6.787	796	799	807	rVB	1494671	1198232	23.99%	2.091%
7	6.945	822	826	829	rBV	3932908	3388796	67.86%	5.915%
8	7.351	889	895	898	rBV	2948987	2969465	59.46%	5.183%
9	8.069	1012	1017	1020	rBV	1831786	1589371	31.82%	2.774%
10	8.781	1135	1138	1142	rVB	69480	60733	1.22%	0.106%
11	8.881	1151	1155	1159	rVB	68662	53891	1.08%	0.094%
12	9.145	1195	1200	1203	rBV	4764967	4309061	86.28%	7.521%
13	9.245	1212	1217	1222	rVB2	38709	59443	1.19%	0.104%
14	9.410	1240	1245	1250	rBV2	46356	68461	1.37%	0.119%
15	9.480	1254	1257	1260	rVV	93790	98502	1.97%	0.172%
16	9.539	1264	1267	1274	rVB	692924	585305	11.72%	1.022%
17	9.680	1289	1291	1295	rVB	66366	56138	1.12%	0.098%
18	9.822	1309	1315	1318	rBV	1791595	1733386	34.71%	3.025%
19	9.857	1318	1321	1324	rVB	877333	691227	13.84%	1.206%
20	9.980	1338	1342	1346	rBV2	50952	56353	1.13%	0.098%
21	10.028	1346	1350	1354	rVV	185085	166317	3.33%	0.290%
22	10.369	1404	1408	1414	rVB	415209	352793	7.06%	0.616%
23	10.527	1433	1435	1439	rVB	73334	63977	1.28%	0.112%
24	10.616	1445	1450	1453	rBV	2787448	2694137	53.95%	4.702%
25	10.733	1467	1470	1477	rVB3	94250	121693	2.44%	0.212%
26	10.916	1495	1501	1504	rBV3	65187	98726	1.98%	0.172%
27	11.163	1539	1543	1544	rBV2	45758	53663	1.07%	0.094%
28	11.204	1548	1550	1556	rVB	143849	139585	2.79%	0.244%
29	11.310	1564	1568	1570	rBV	1634181	1578429	31.61%	2.755%
30	11.333	1570	1572	1575	rVV	1708091	1332100	26.67%	2.325%
31	11.380	1577	1580	1584	rVV	340906	311146	6.23%	0.543%
32	11.416	1584	1586	1590	rVV2	59171	65594	1.31%	0.114%
33	11.539	1604	1607	1610	rBV	107443	94853	1.90%	0.166%
34	11.604	1615	1618	1621	rBV2	84026	72114	1.44%	0.126%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6403-37
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5-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-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.810	1650	1653	1655	rVV	250589	215359	4.31%	0.376%
36	11.839	1655	1658	1663	rVV	814562	857308	17.17%	1.496%
37	11.886	1663	1666	1668	rVV	117997	140562	2.81%	0.245%
38	11.922	1668	1672	1674	rVV	375522	429728	8.60%	0.750%
39	11.945	1674	1676	1680	rVB	154864	145655	2.92%	0.254%
40	12.016	1685	1688	1690	rVV2	73316	77155	1.54%	0.135%
41	12.051	1691	1694	1698	rVV3	139308	164138	3.29%	0.286%
42	12.104	1700	1703	1705	rVV	158630	158555	3.17%	0.277%
43	12.127	1705	1707	1711	rVV3	82254	90233	1.81%	0.157%
44	12.169	1711	1714	1720	rVB2	107199	116371	2.33%	0.203%
45	12.257	1726	1729	1732	rVB	130244	107004	2.14%	0.187%
46	12.286	1732	1734	1736	rBV	62910	52055	1.04%	0.091%
47	12.363	1744	1747	1750	rVV	175707	165305	3.31%	0.289%
48	12.398	1750	1753	1758	rVB2	165356	225047	4.51%	0.393%
49	12.445	1758	1761	1766	rVB2	76378	93767	1.88%	0.164%
50	12.521	1770	1774	1777	rBV	1781998	1468017	29.39%	2.562%
51	12.563	1777	1781	1787	rVB	665435	636246	12.74%	1.110%
52	12.621	1787	1791	1796	rBV2	205318	253810	5.08%	0.443%
53	12.751	1807	1813	1815	rBV	1323455	1455551	29.15%	2.540%
54	12.769	1815	1816	1819	rVV	110358	83073	1.66%	0.145%
55	12.798	1819	1821	1826	rVB2	71730	97822	1.96%	0.171%
56	12.868	1830	1833	1834	rBV	68904	77348	1.55%	0.135%
57	12.892	1834	1837	1844	rVB	3322366	3068750	61.45%	5.356%
58	12.968	1847	1850	1853	rVB	72790	87153	1.75%	0.152%
59	13.057	1862	1865	1866	rBV3	55425	64830	1.30%	0.113%
60	13.074	1866	1868	1871	rVB2	250144	207533	4.16%	0.362%
61	13.145	1875	1880	1882	rBV2	176886	219317	4.39%	0.383%
62	13.180	1883	1886	1889	rBV2	141245	125391	2.51%	0.219%
63	13.274	1899	1902	1904	rVV	76953	66790	1.34%	0.117%
64	13.304	1904	1907	1910	rVB4	93185	84120	1.68%	0.147%
65	13.474	1933	1936	1939	rBV2	85021	84529	1.69%	0.148%
66	13.633	1960	1963	1968	rVB2	135521	157517	3.15%	0.275%
67	13.692	1970	1973	1976	rBV2	104698	118282	2.37%	0.206%
68	13.727	1976	1979	1981	rBV	306136	307977	6.17%	0.538%
69	13.798	1987	1991	1997	rVB4	350550	476793	9.55%	0.832%
70	13.945	2011	2016	2019	rBV2	1374148	1861140	37.27%	3.248%
71	13.968	2019	2020	2027	rVB	654009	507744	10.17%	0.886%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : TP-5-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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.051	2032	2034	2037	rVB	112649	82782	1.66%	0.144%
73	14.115	2042	2045	2050	rVB2	155253	171220	3.43%	0.299%
74	14.333	2079	2082	2085	rVB	112326	107288	2.15%	0.187%
75	14.363	2085	2087	2091	rVB	100823	88400	1.77%	0.154%
76	14.421	2094	2097	2101	rBV3	353723	382521	7.66%	0.668%
77	14.721	2145	2148	2151	rBV	210290	190133	3.81%	0.332%
78	14.974	2186	2191	2193	rBV	518288	739409	14.81%	1.291%
79	15.051	2200	2204	2206	rBV	257621	287966	5.77%	0.503%
80	15.074	2206	2208	2213	rVB	142563	145941	2.92%	0.255%
81	15.262	2237	2240	2246	rVB	311875	382613	7.66%	0.668%
82	15.321	2246	2250	2256	rVV	434261	530875	10.63%	0.927%
83	15.386	2256	2261	2264	rVV	758562	984117	19.71%	1.718%
84	15.415	2264	2266	2272	rVB2	304837	359628	7.20%	0.628%
85	15.839	2334	2338	2344	rVB	164054	217225	4.35%	0.379%
86	16.798	2497	2501	2508	rVB2	152282	261782	5.24%	0.457%
87	17.221	2569	2573	2582	rVB	124832	239045	4.79%	0.417%

Sum of corrected areas: 57295252

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
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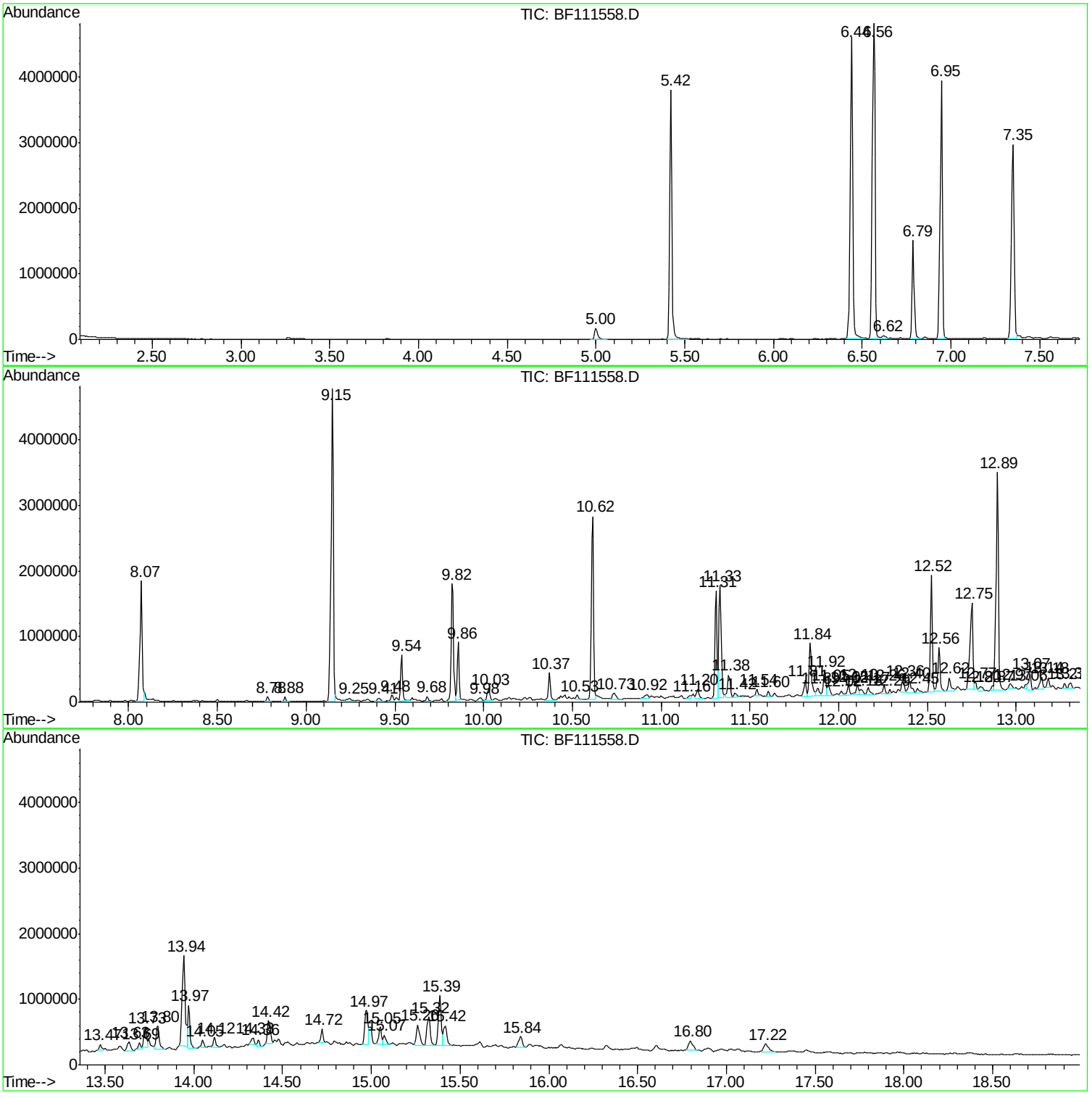
Operator : JU/SJ
Sample : J6403-37
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111558.D
Acq On : 18 Dec 2018 00:08
Operator : JU/SJ
Sample : J6403-37
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

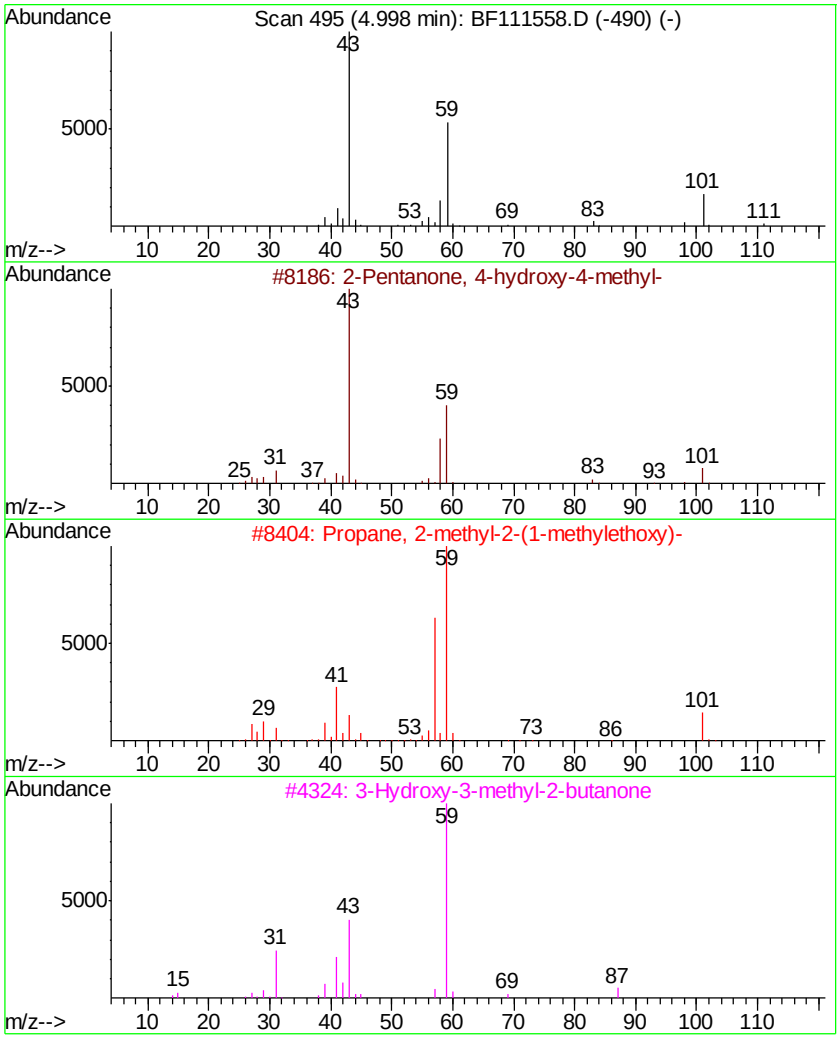
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

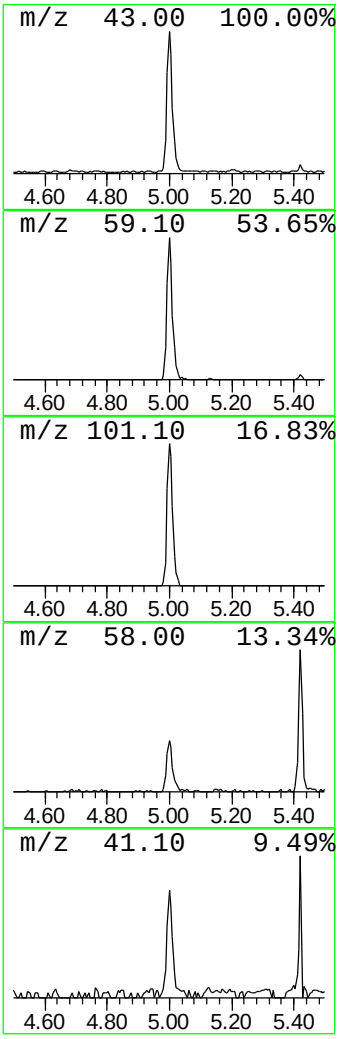
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.73 ng	223618	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111558.D
Acq On : 18 Dec 2018 00:08
Operator : JU/SJ
Sample : J6403-37
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

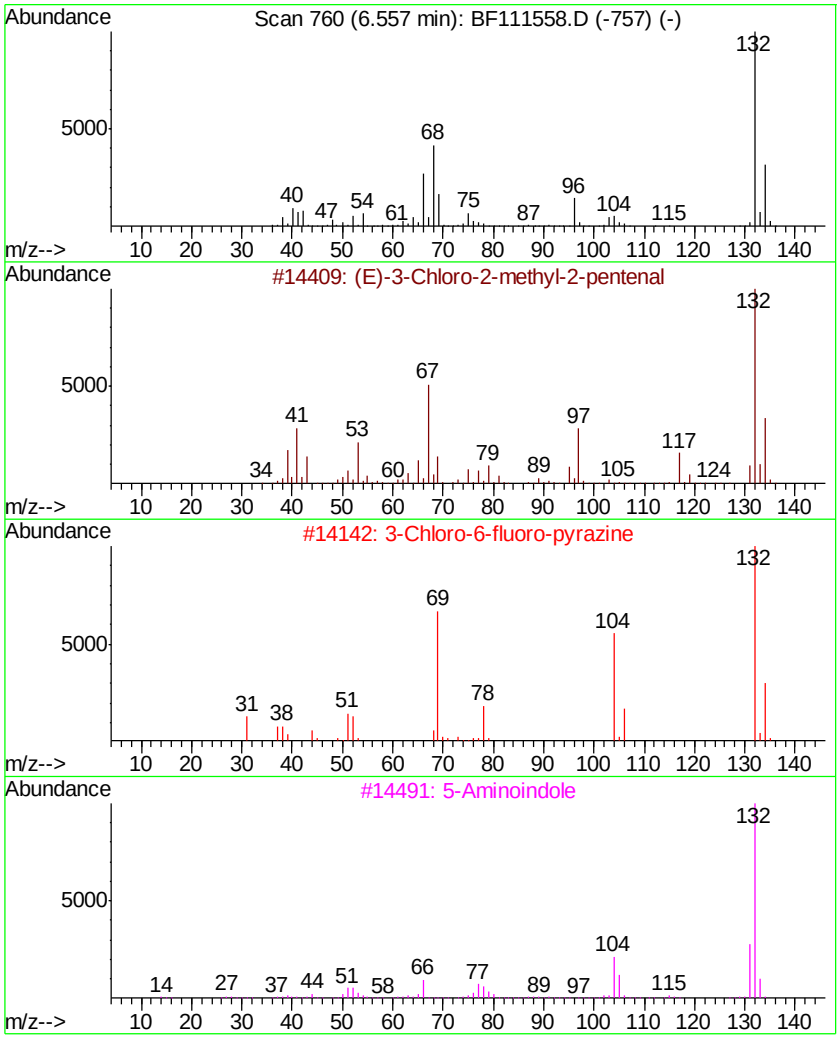
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

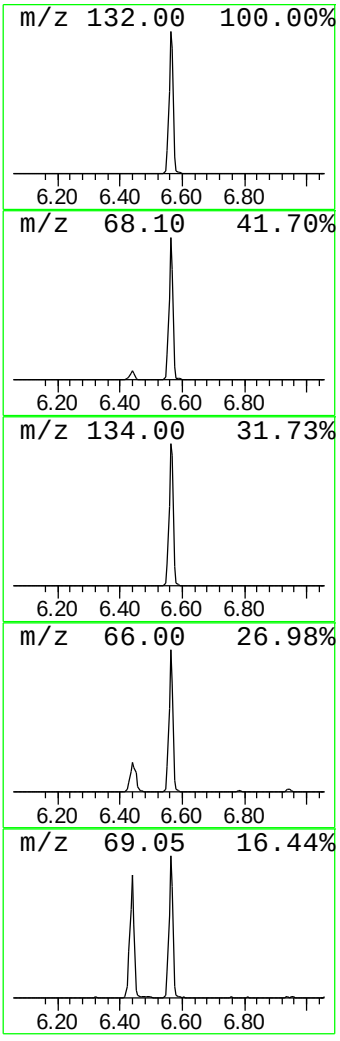
****

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	77.73 ng	4657110	1,4-Dichlorobenzene-d4	6.79

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	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

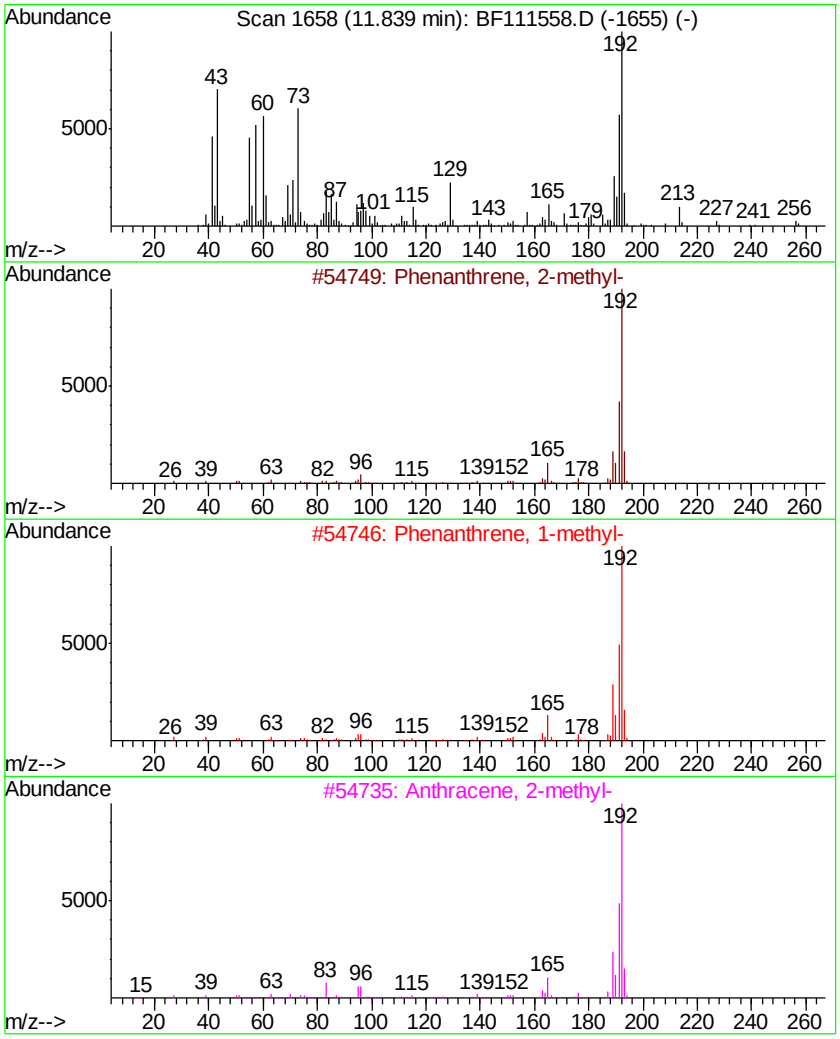
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

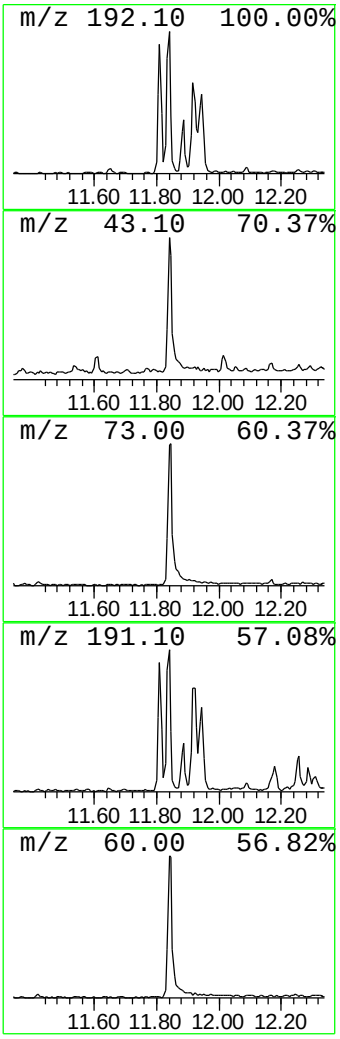
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	10.86 ng	857308	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : TP-5-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

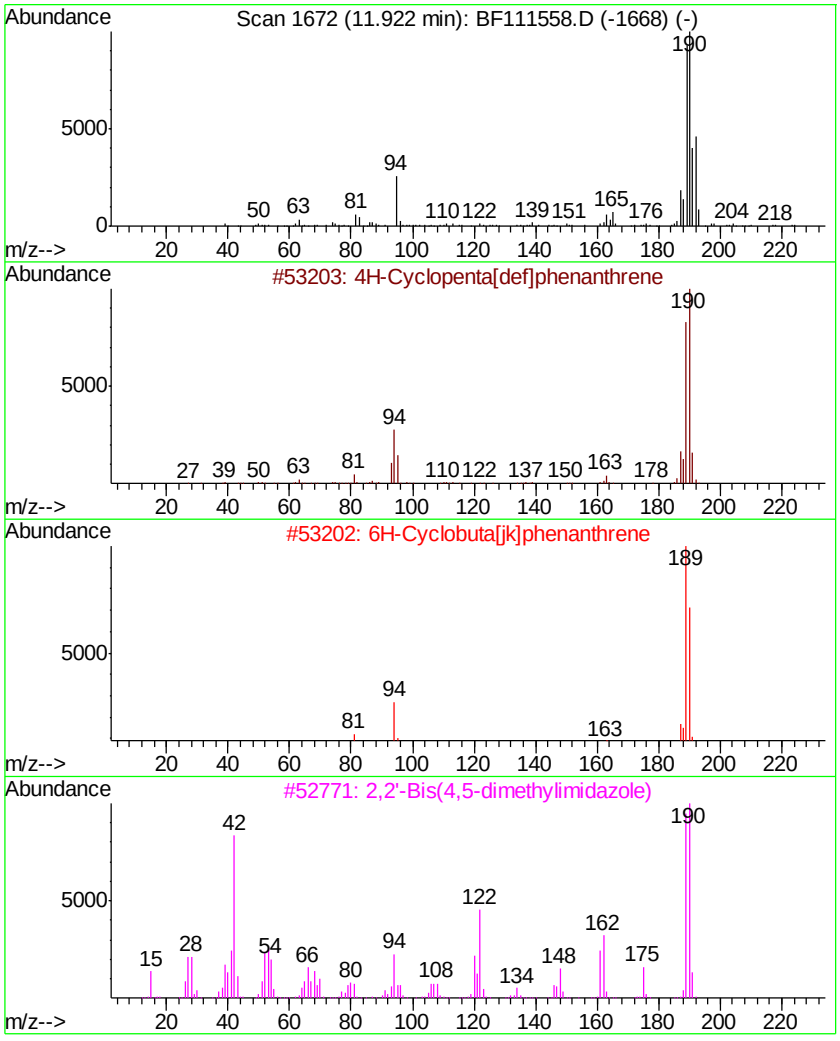
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

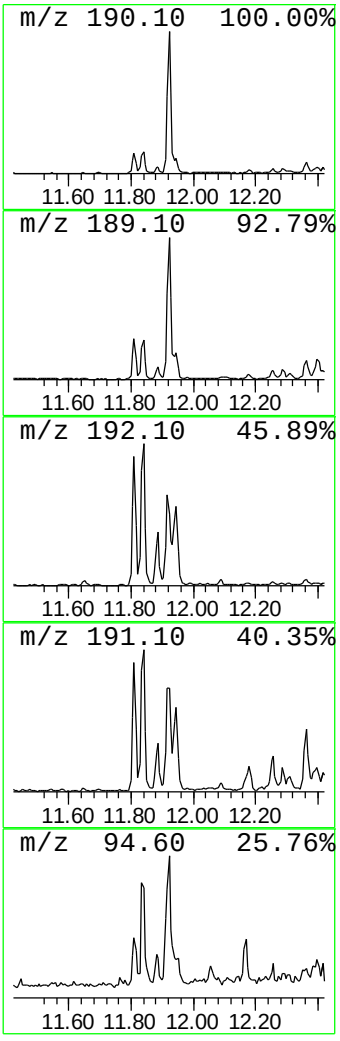
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	5.45 ng	429728	Phenanthrene-d10	11.31

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	40
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	Hydrazinecarboxaldehyde, 2-[3-(m...	190	C4H6N4OS2	038362-25-3	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111558.D
Acq On : 18 Dec 2018 00:08
Operator : JU/SJ
Sample : J6403-37
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

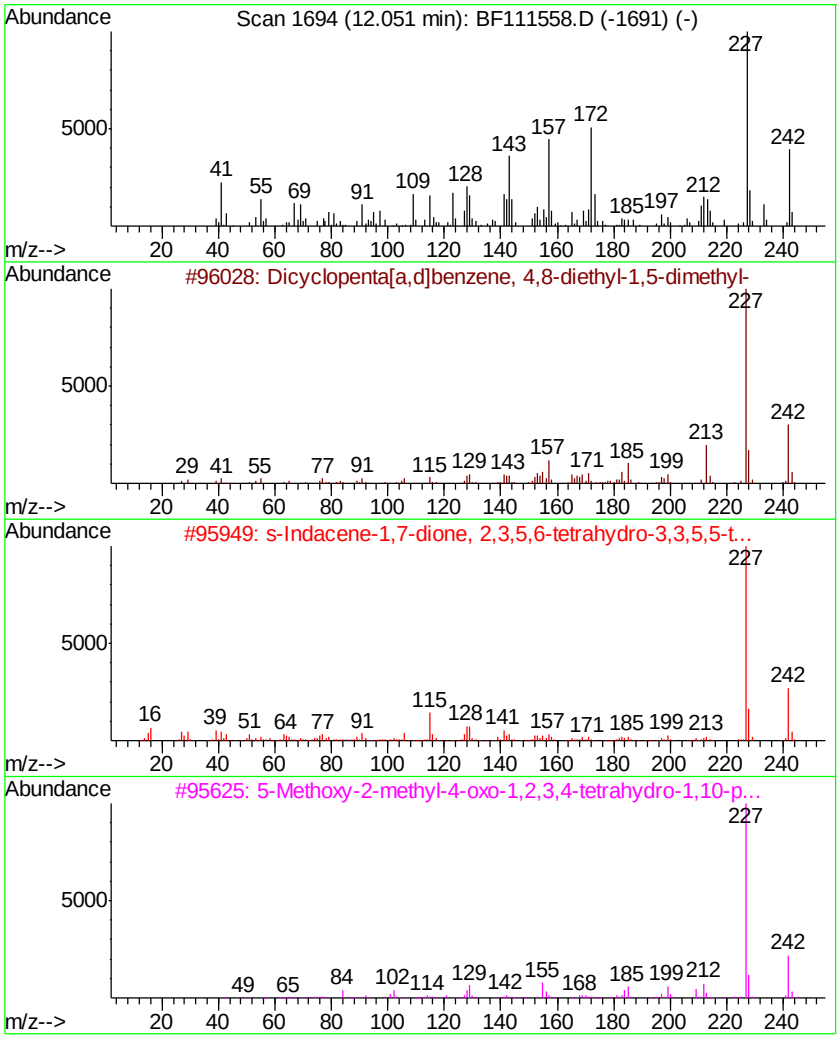
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

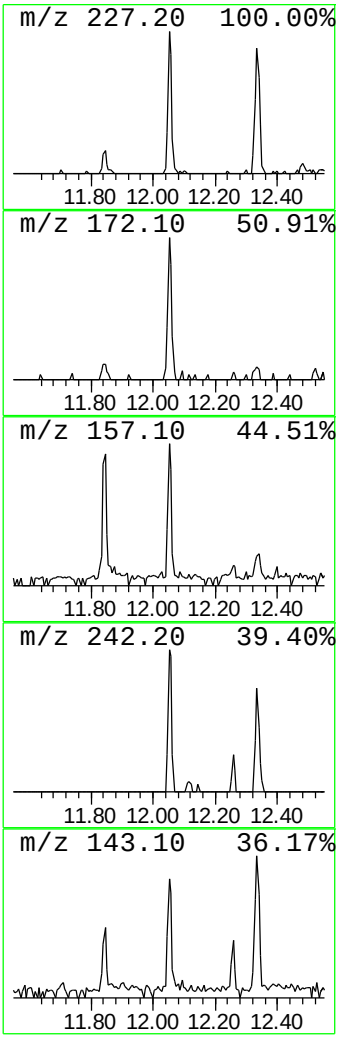
****

Peak Number 7 Dicyclopenta[a,d]benzene, 4... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	2.08 ng	164138	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	50
2	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	45
3	5-Methoxy-2-methyl-4-oxo-1,2,3,4...	242	C14H14N2O2	1000227-06-0	43
4	2-(4-((Trimethylsilyl)oxy)benzyl...	242	C13H14N2OSi	1000297-99-1	38
5	Lapachol	242	C15H14O3	000084-79-7	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111558.D
Acq On : 18 Dec 2018 00:08
Operator : JU/SJ
Sample : J6403-37
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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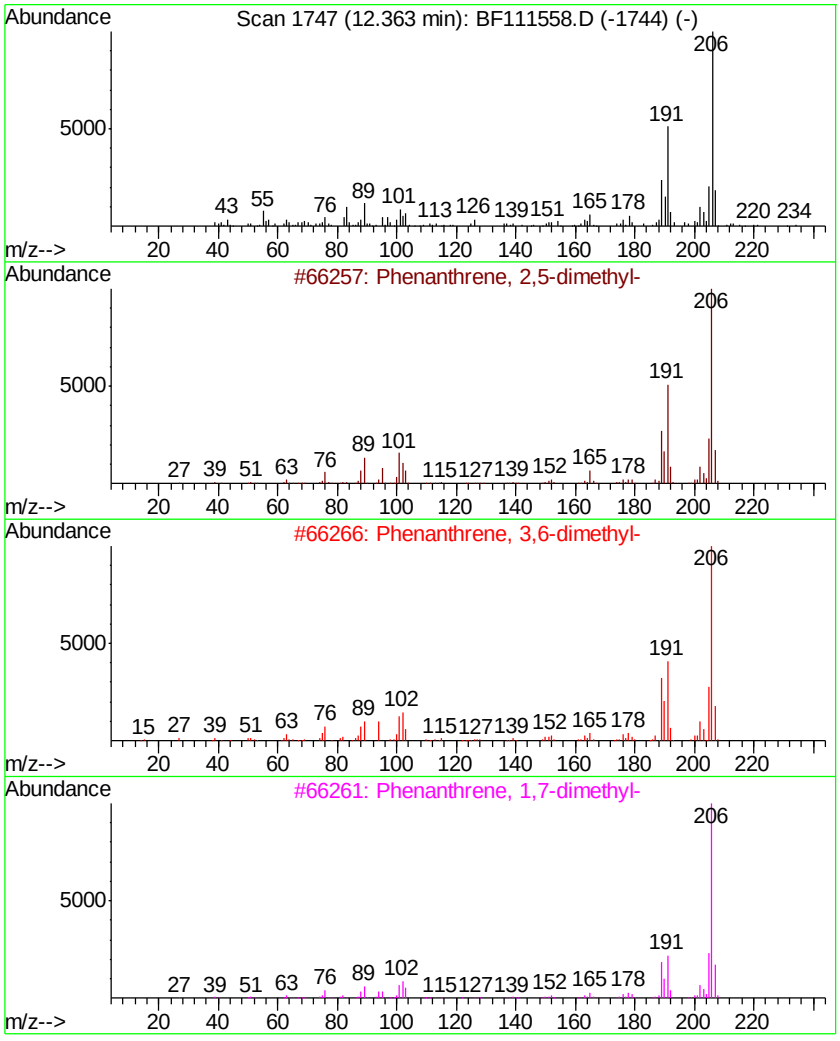
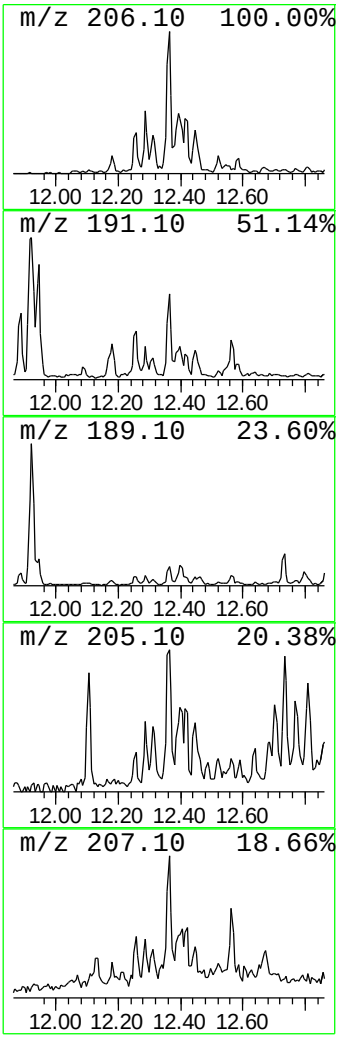
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	2.09 ng	165305	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87





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Sample : J6403-37
Misc :
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Instrument : BNA_F
ClientSampleId : TP-5-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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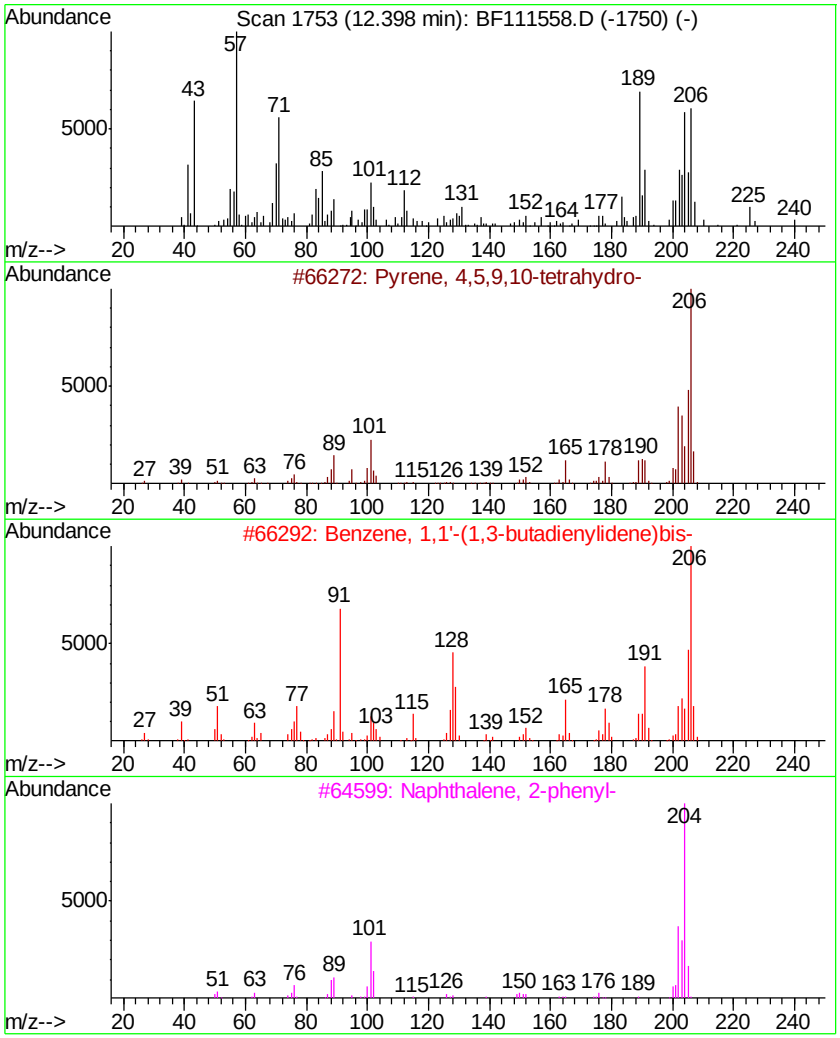
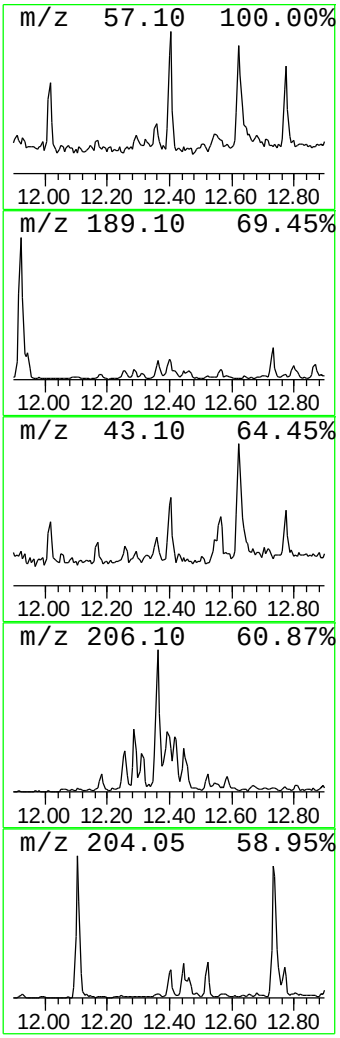
Peak Number 9 unknown12.40 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	2.85 ng	225047	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	47
2	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	35
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	30
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	22





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

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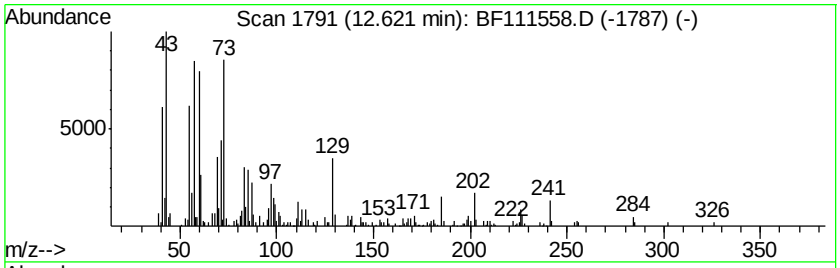
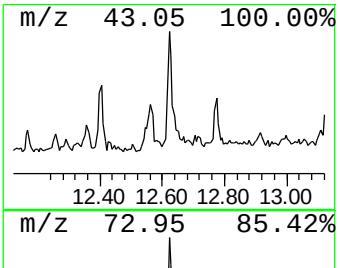
Peak Number 10 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	3.22 ng	253810	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	76





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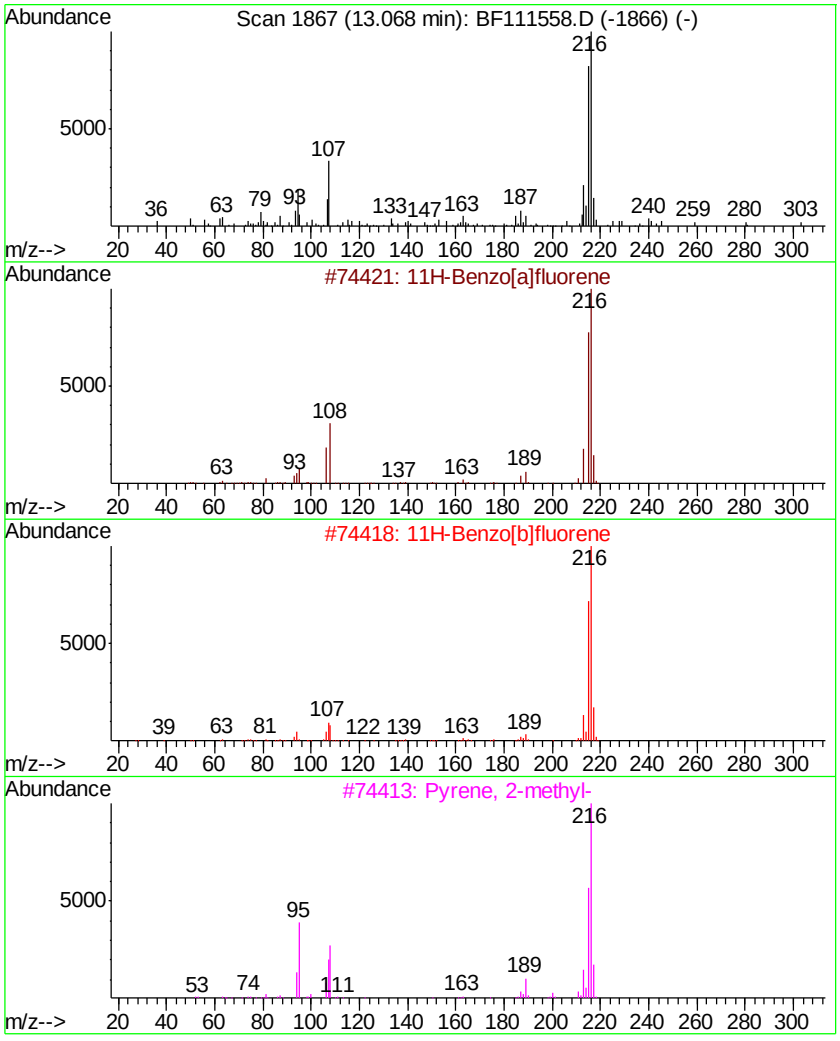
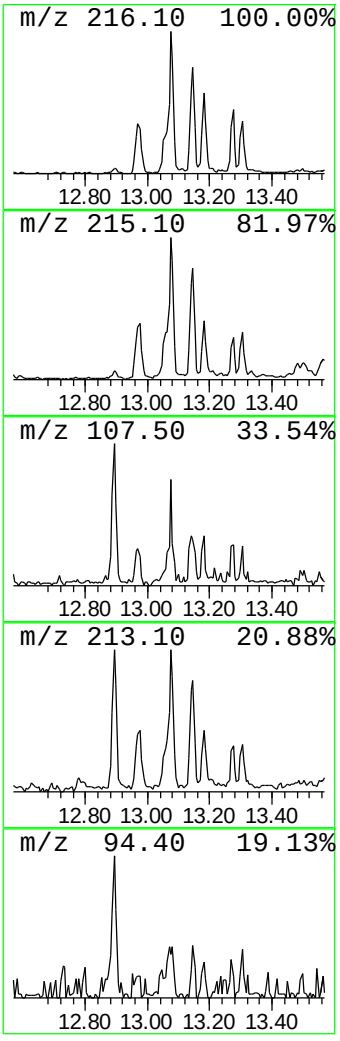
Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	2.23 ng	207533	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	55





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ClientSampleId : TP-5-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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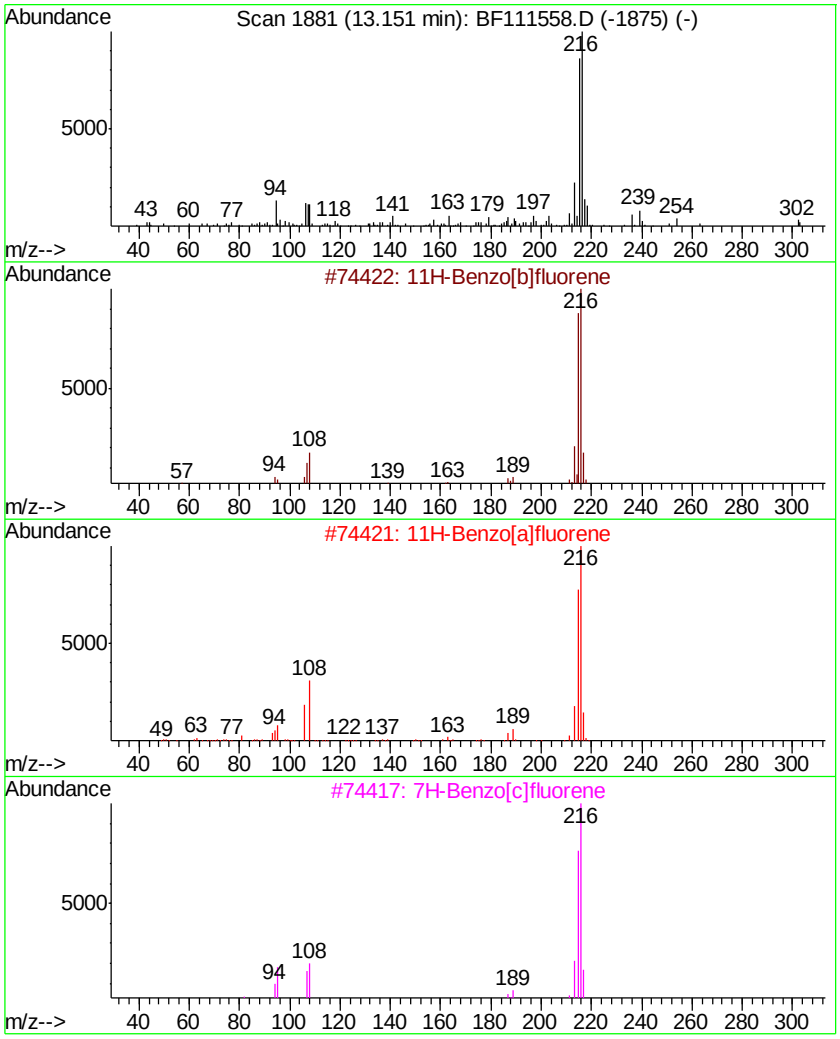
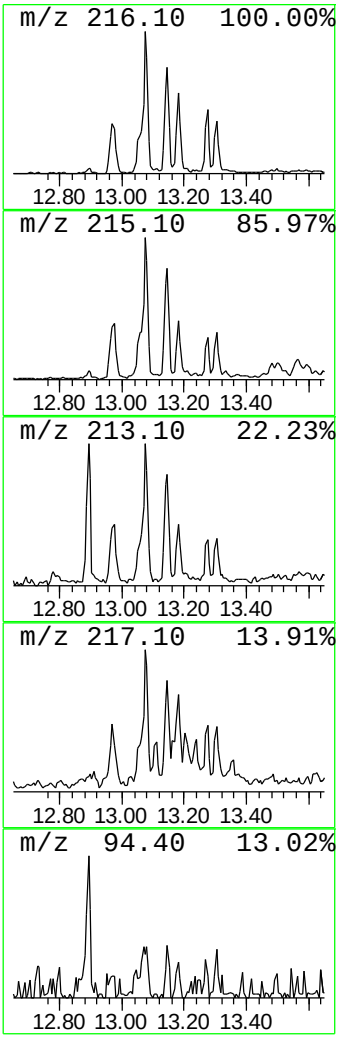
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.36 ng	219317	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64





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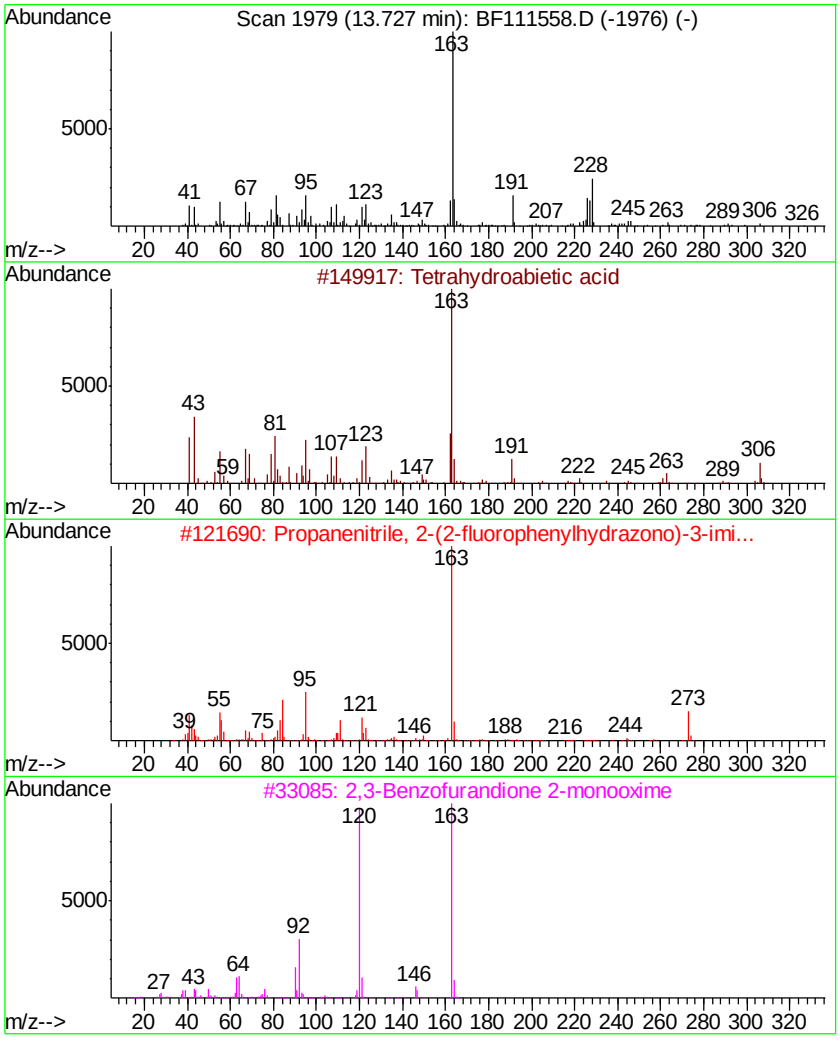
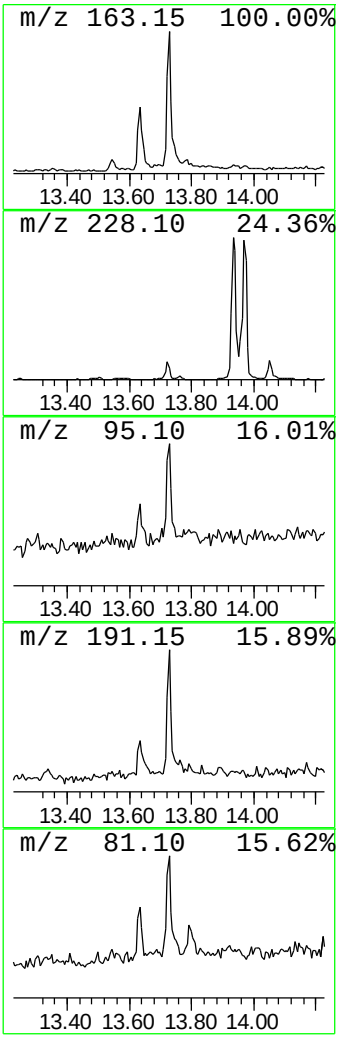
Peak Number 13 Tetrahydroabietic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.31 ng	307977	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydroabietic acid	306	C20H34O2	1000251-96-9	50
2	Propanenitrile, 2-(2-fluorophenyl...	273	C14H16FN5	311323-02-1	47
3	2,3-Benzofurandione 2-monooxime	163	C8H5NO3	040701-27-7	43
4	2,6-Dimethoxybenzonitrile	163	C9H9NO2	016932-49-3	43
5	4(1H)-Pteridinone, 2-amino-	163	C6H5N5O	002236-60-4	43





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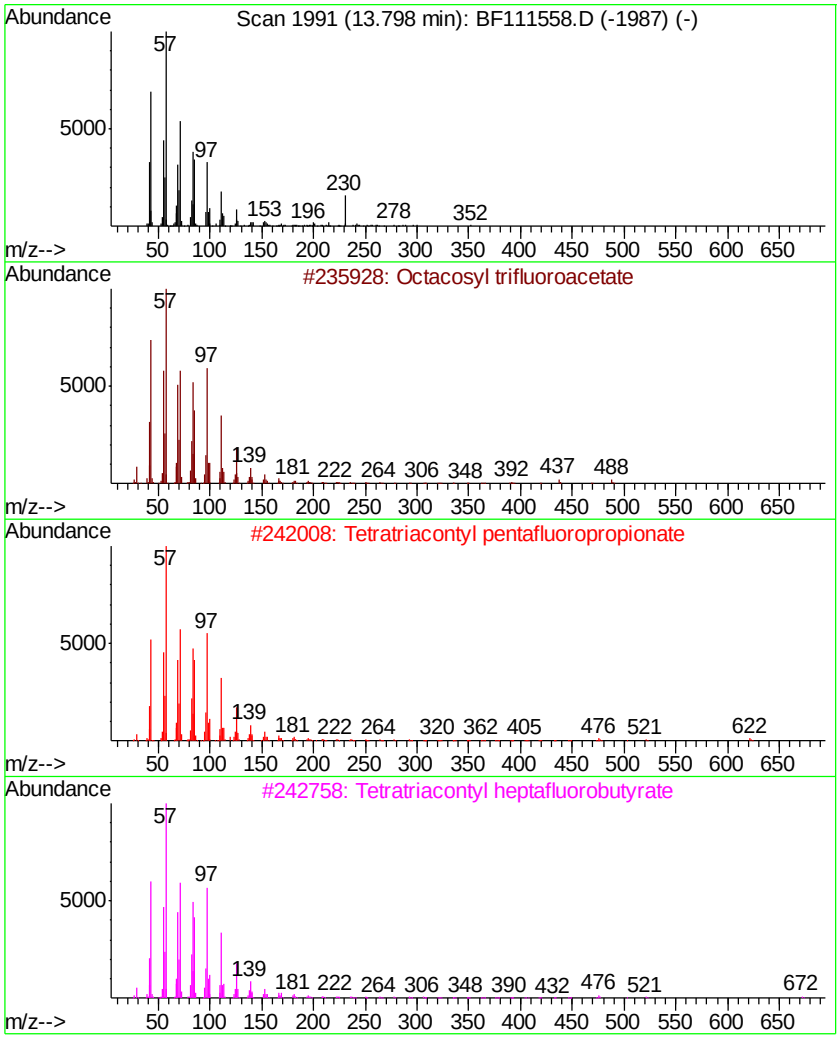
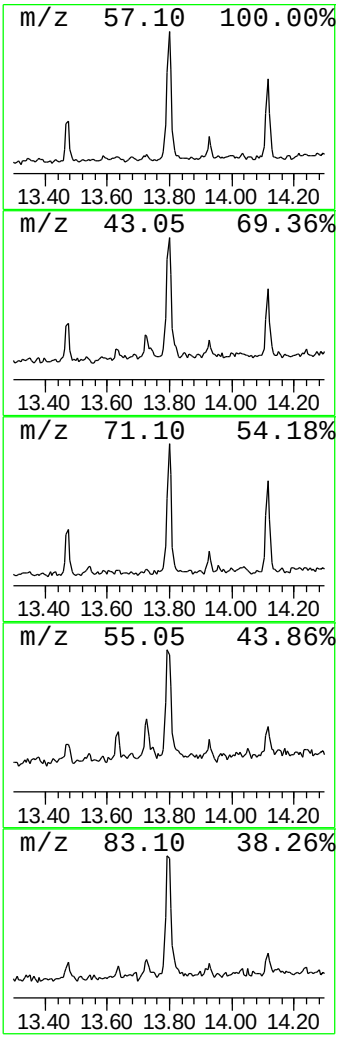
Peak Number 14 Octacosyl trifluoroacetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	5.12 ng	476793	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
2	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	91
3	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	90
4	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	86
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83





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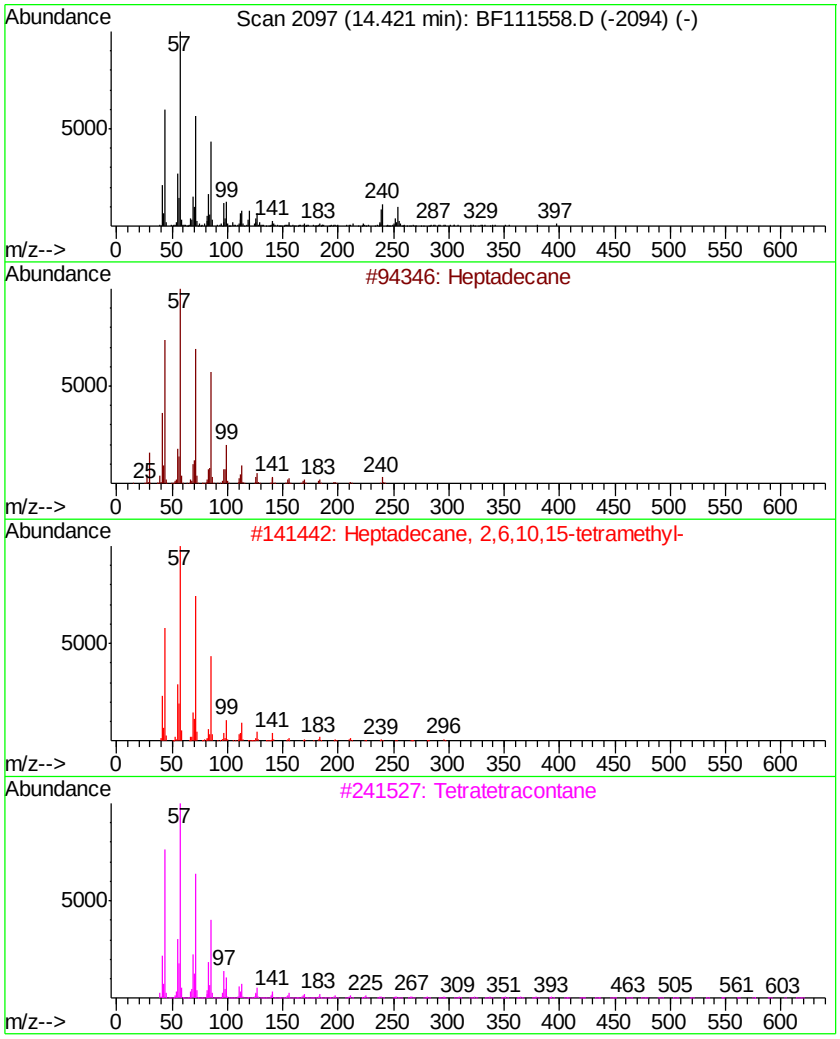
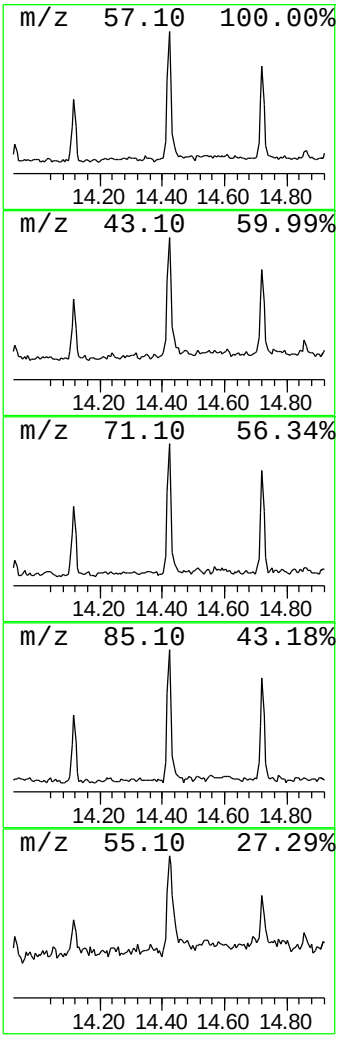
Peak Number 15 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	4.11 ng	382521	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Tetratetracontane	619	C44H90	007098-22-8	81
4	Tritetracontane	605	C43H88	007098-21-7	81
5	Hentriacontane	437	C31H64	000630-04-6	81





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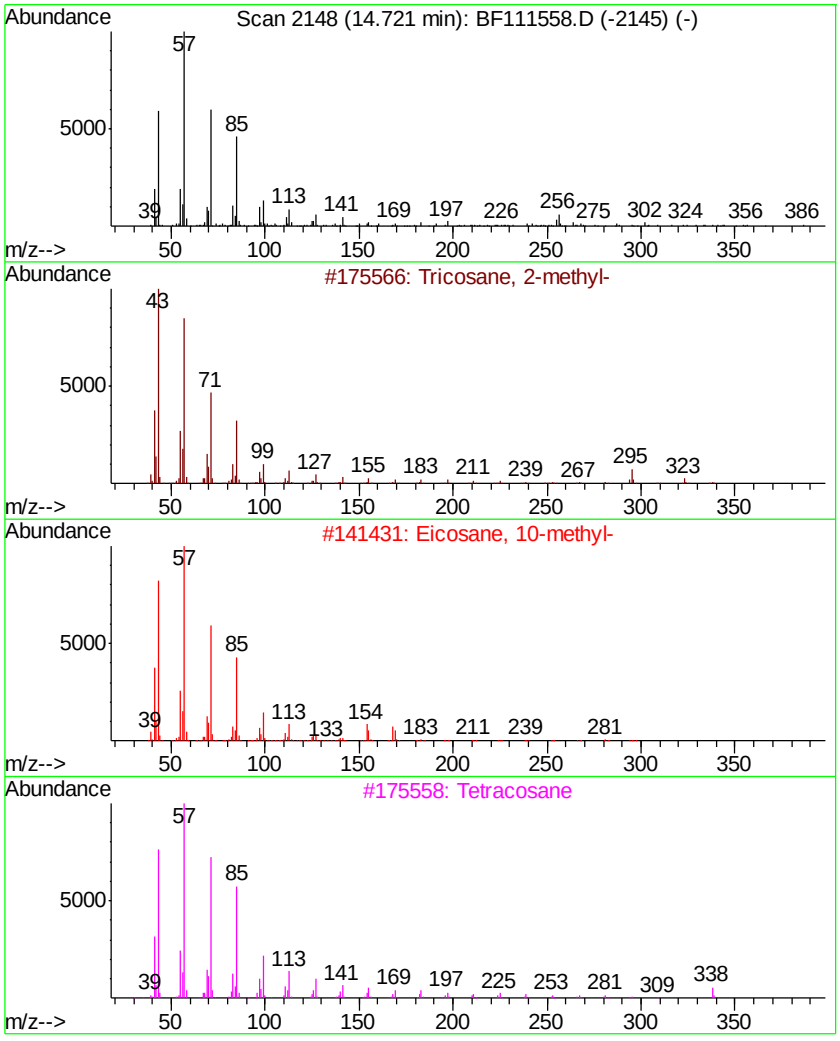
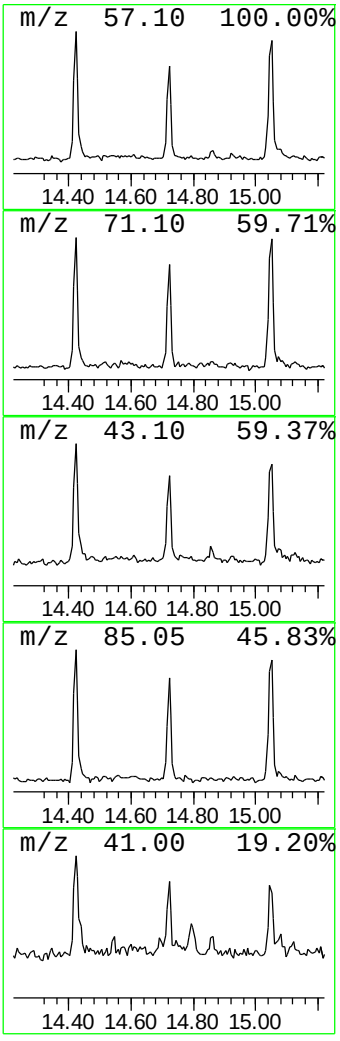
Peak Number 16 Tricosane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	3.86 ng	190133	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane, 2-methyl-	338	C24H50	001928-30-9	91
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Docosane, 5-butyl-	366	C26H54	055282-16-1	87
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87





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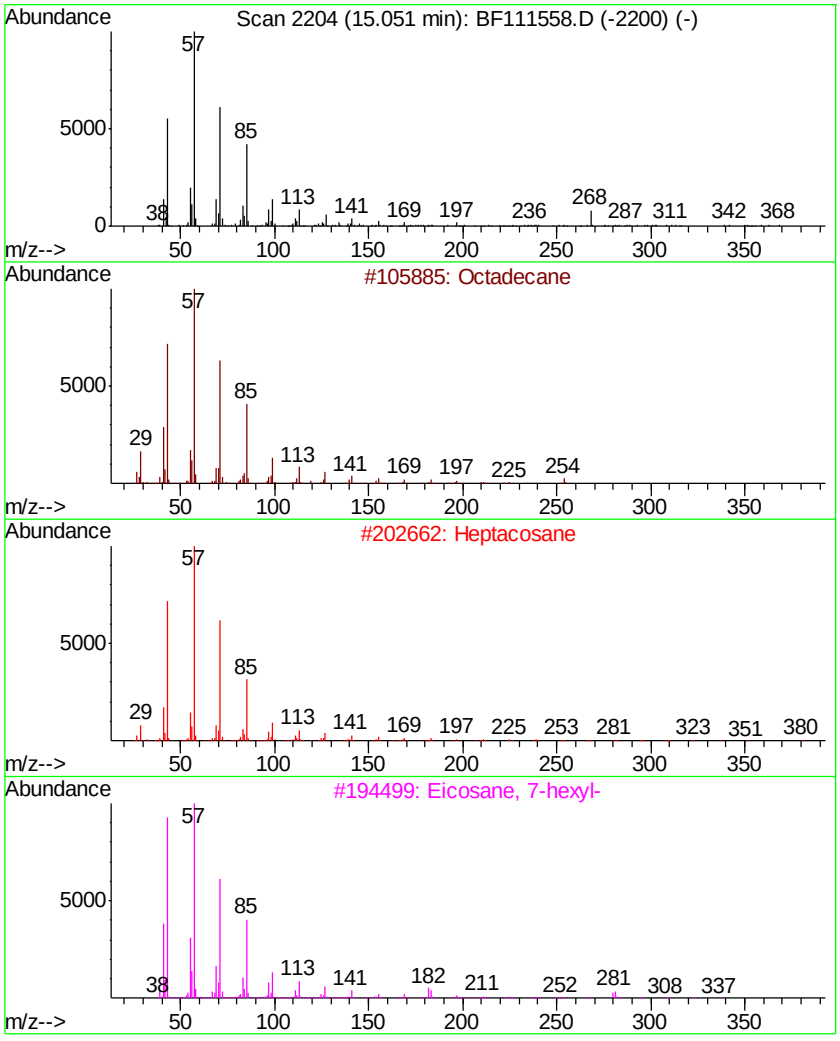
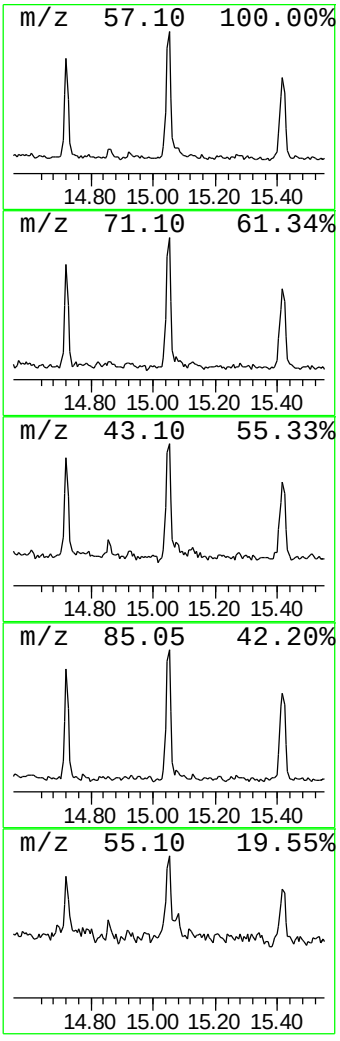
Peak Number 17 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	5.85 ng	287966	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91





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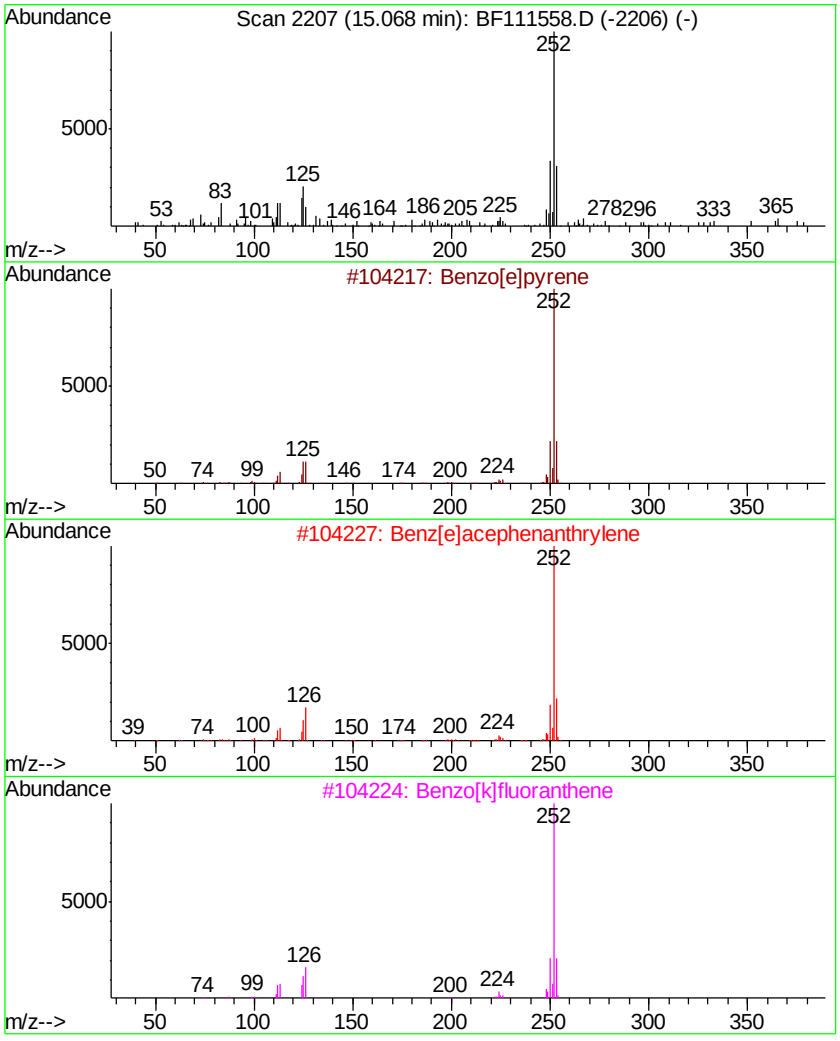
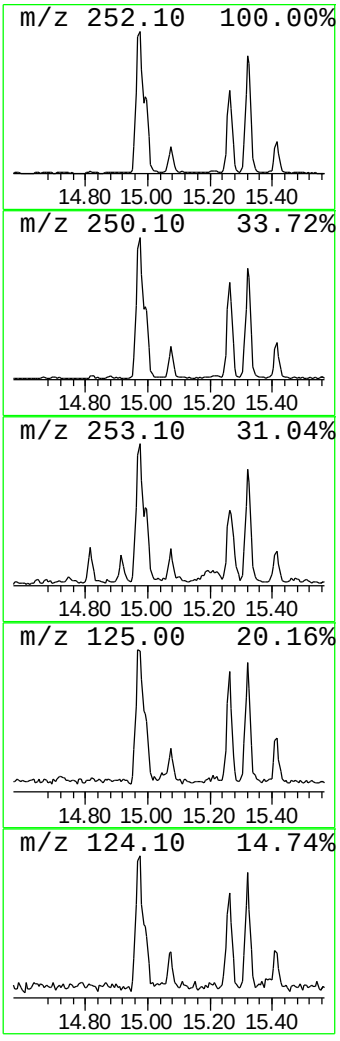
Peak Number 18 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.97 ng	145941	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Perylene	252	C20H12	000198-55-0	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





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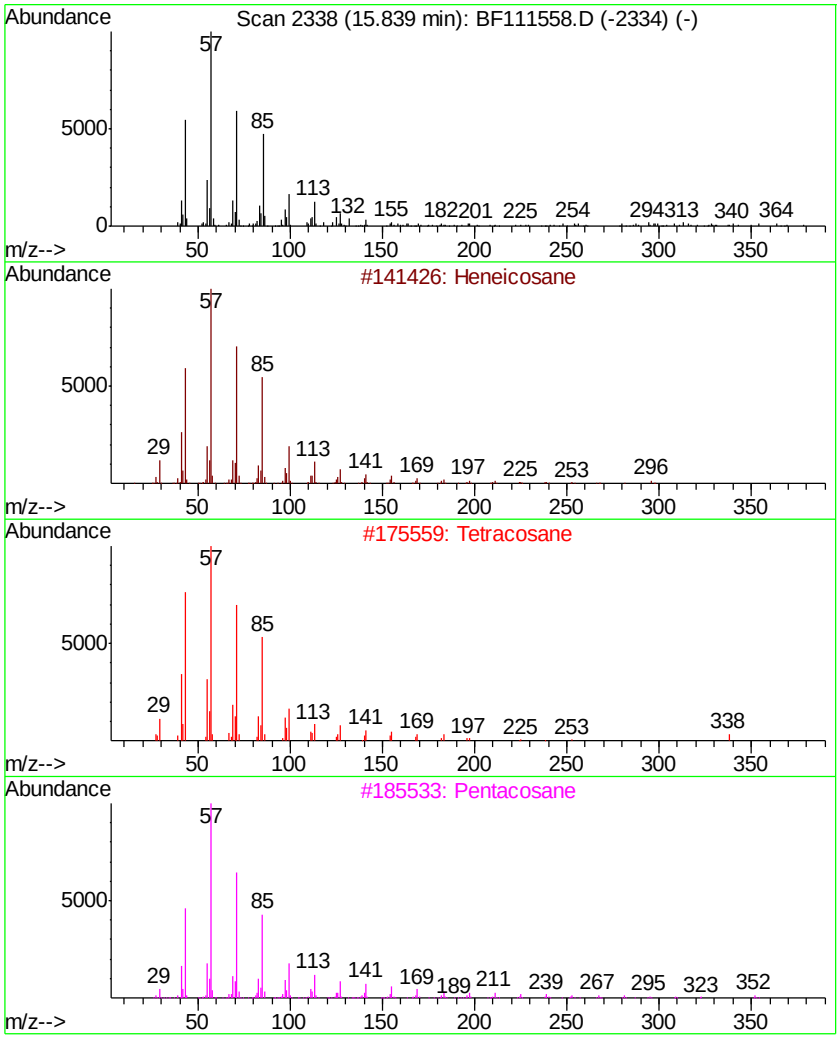
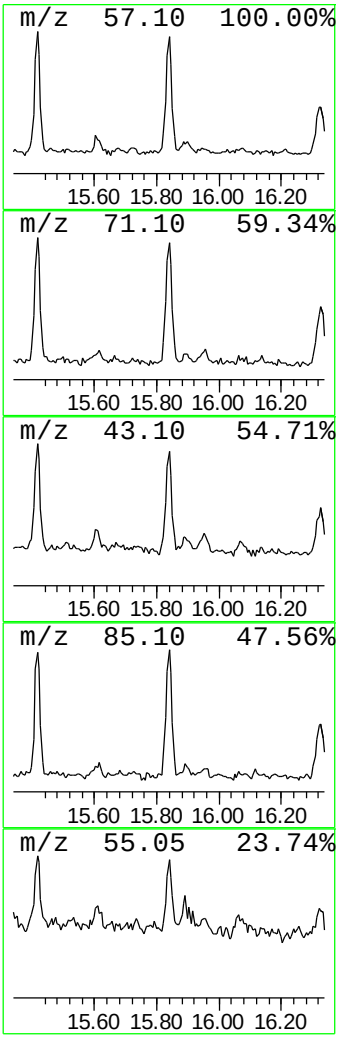
Peak Number 20 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	4.41 ng	217225	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Tetracosane	338	C24H50	000646-31-1	87
3	Pentacosane	352	C25H52	000629-99-2	87
4	Octadecane	254	C18H38	000593-45-3	86
5	Eicosane	282	C20H42	000112-95-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121718\
Data File : BF111558.D
Acq On : 18 Dec 2018 00:08
Operator : JU/SJ
Sample : J6403-37
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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...	5.00	3.7	ng	223618	1	6.79	1198230	20.0
unknown6.56	6.56	77.7	ng	4657110	1	6.79	1198230	20.0
Phenanthrene, 2-m...	11.84	10.9	ng	857308	4	11.31	1578430	20.0
4H-Cyclopenta[def...	11.92	5.5	ng	429728	4	11.31	1578430	20.0
Dicyclopenta[a,d]...	12.05	2.1	ng	164138	4	11.31	1578430	20.0
Phenanthrene, 2,5...	12.36	2.1	ng	165305	4	11.31	1578430	20.0
unknown12.40	12.40	2.9	ng	225047	4	11.31	1578430	20.0
Octadecanoic acid	12.62	3.2	ng	253810	4	11.31	1578430	20.0
11H-Benzo[a]fluorene	13.07	2.2	ng	207533	5	13.94	1861140	20.0
11H-Benzo[b]fluorene	13.15	2.4	ng	219317	5	13.94	1861140	20.0
Tetrahydroabietic...	13.73	3.3	ng	307977	5	13.94	1861140	20.0
Octacosyl trifluo...	13.80	5.1	ng	476793	5	13.94	1861140	20.0
Heptadecane	14.42	4.1	ng	382521	5	13.94	1861140	20.0
Tricosane, 2-methyl-	14.72	3.9	ng	190133	6	15.39	984117	20.0
Octadecane	15.05	5.8	ng	287966	6	15.39	984117	20.0
Benzo[e]pyrene	15.07	3.0	ng	145941	6	15.39	984117	20.0
Heneicosane	15.84	4.4	ng	217225	6	15.39	984117	20.0