LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117513.D
Acq On : 24 Oct 2019 16:40
Operator : JU
Sample : K5498-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 193-10-(0-1)

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-BF101819.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	5.351	552	555	580	rBV	932563	1031419	87.10%	6.161%
2	6.387	727	731	748	rBV	1112667	1184153	100.00%	7.073%
3	6.510	748	752	758	rBV	1233469	1179899	99.64%	7.048%
4	6.734	787	790	800	rBV	323054	294763	24.89%	1.761%
5	6.886	813	816	830	rBV	874618	774500	65.41%	4.626%
6	7.298	882	886	906	rBV	744594	719444	60.76%	4.297%
7	8.010	1004	1007	1017	rBV	376435	391517	33.06%	2.339%
8	9.086	1186	1190	1193	rBV	1282409	999155	84.38%	5.968%
9	9.422	1244	1247	1250	rBV2	44295	36194	3.06%	0.216%
10	9.480	1254	1257	1264	rVB	177653	151918	12.83%	0.907%
11	9.627	1280	1282	1287	rBV	14647	12284	1.04%	0.073%
12	9.763	1301	1305	1308	rBV	528633	439996	37.16%	2.628%
13	9.792	1308	1310	1315	rVB	34100	37542	3.17%	0.224%
14	9.975	1336	1341	1345	rBV2	16273	22781	1.92%	0.136%
15	10.310	1395	1398	1404	rBV2	28897	33589	2.84%	0.201%
16	10.557	1436	1440	1450	rBV	707523	659610	55.70%	3.940%
17	10.680	1455	1461	1467	rVB7	18734	29909	2.53%	0.179%
18	10.863	1487	1492	1495	rBV7	17875	25193	2.13%	0.150%
19	10.922	1499	1502	1505	rBV4	24995	33622	2.84%	0.201%
20	10.992	1509	1514	1516	rBV5	13928	21775	1.84%	0.130%
21	11.104	1529	1533	1537	rBV6	12646	22134	1.87%	0.132%
22	11.145	1537	1540	1546	rVB2	26212	32333	2.73%	0.193%
23	11.204	1547	1550	1554	rBV5	12216	13609	1.15%	0.081%
24	11.251	1554	1558	1560	rBV	444596	414968	35.04%	2.479%
25	11.274	1560	1562	1566	rVV	375574	310911	26.26%	1.857%
26	11.327	1568	1571	1575	rVB	86719	77107	6.51%	0.461%
27	11.416	1582	1586	1591	rBV8	8071	13648	1.15%	0.082%
28	11.492	1595	1599	1604	rBV3	26484	45976	3.88%	0.275%
29	11.539	1605	1607	1610	rVV2	21574	19096	1.61%	0.114%
30	11.574	1610	1613	1621	rVB4	15324	29125	2.46%	0.174%
31	11.710	1632	1636	1640	rBV	107660	168996	14.27%	1.009%
32	11.751	1640	1643	1646	rVV2	105861	137763	11.63%	0.823%
33	11.780	1646	1648	1654	rVV2	276916	310014	26.18%	1.852%
34	11.827	1654	1656	1659	rVV	44719	53559	4.52%	0.320%

LSC Area Percent Report

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Data File : BF117513.D
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Operator : JU
Sample : K5498-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 193-10-(0-1)

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-BF101819.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.863	1659	1662	1665	rVV	119958	133924	11.31%	0.800%
36	11.886	1665	1666	1672	rVB	48122	38957	3.29%	0.233%
37	12.045	1690	1693	1697	rBV	48428	45408	3.83%	0.271%
38	12.086	1698	1700	1704	rVB4	20649	21591	1.82%	0.129%
39	12.192	1716	1718	1721	rVB3	23074	22479	1.90%	0.134%
40	12.251	1726	1728	1732	rVB4	15981	15707	1.33%	0.094%
41	12.304	1733	1737	1739	rBV	59492	63076	5.33%	0.377%
42	12.339	1739	1743	1745	rVV5	39003	52509	4.43%	0.314%
43	12.363	1745	1747	1749	rVV2	35059	30616	2.59%	0.183%
44	12.398	1749	1753	1756	rVB2	25446	37707	3.18%	0.225%
45	12.463	1761	1764	1768	rBV	558869	541978	45.77%	3.237%
46	12.563	1778	1781	1787	rBV2	68783	71526	6.04%	0.427%
47	12.616	1787	1790	1793	rVB	36140	35341	2.98%	0.211%
48	12.692	1797	1803	1810	rBV	540247	601693	50.81%	3.594%
49	12.751	1810	1813	1818	rVB2	31102	39964	3.37%	0.239%
50	12.833	1822	1827	1830	rBV	703202	660950	55.82%	3.948%
51	12.916	1836	1841	1845	rBV2	40084	77141	6.51%	0.461%
52	12.998	1852	1855	1856	rBV3	32733	30497	2.58%	0.182%
53	13.021	1857	1859	1862	rVB	73553	70009	5.91%	0.418%
54	13.092	1868	1871	1873	rBV	51630	46512	3.93%	0.278%
55	13.127	1874	1877	1879	rBV2	52267	48469	4.09%	0.290%
56	13.221	1890	1893	1895	rBV	36088	29328	2.48%	0.175%
57	13.257	1896	1899	1902	rVV2	93503	104596	8.83%	0.625%
58	13.292	1902	1905	1912	rVB7	42677	72485	6.12%	0.433%
59	13.645	1963	1965	1967	rBV2	36889	34683	2.93%	0.207%
60	13.668	1967	1969	1971	rVV	45300	33908	2.86%	0.203%
61	13.698	1971	1974	1977	rVV	34433	47657	4.02%	0.285%
62	13.733	1977	1980	1989	rVB3	186293	279750	23.62%	1.671%
63	13.863	2000	2002	2003	rBV	58168	46936	3.96%	0.280%
64	13.892	2003	2007	2010	rVV2	421233	607052	51.26%	3.626%
65	13.921	2010	2012	2015	rVB	245425	199742	16.87%	1.193%
66	13.998	2023	2025	2031	rVB	41507	41230	3.48%	0.246%
67	14.045	2031	2033	2036	rBV2	45921	54223	4.58%	0.324%
68	14.286	2072	2074	2077	rVB	57829	50074	4.23%	0.299%
69	14.357	2083	2086	2087	rBV	84037	76921	6.50%	0.459%
70	14.374	2087	2089	2093	rVB3	78175	104385	8.82%	0.624%
71	14.651	2134	2136	2139	rVB	96076	81212	6.86%	0.485%

LSC Area Percent Report

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Sample : K5498-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 193-10-(0-1)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.927	2179	2183	2186	rBV	238574	342644	28.94%	2.047%
73	14.968	2188	2190	2194	rVB	151764	146683	12.39%	0.876%
74	15.215	2229	2232	2237	rVB	146193	157062	13.26%	0.938%
75	15.274	2239	2242	2247	rVB	188616	217899	18.40%	1.302%
76	15.333	2247	2252	2256	rBV2	290857	390891	33.01%	2.335%
77	15.733	2316	2320	2324	rVB	106451	141773	11.97%	0.847%
78	15.957	2355	2358	2360	rBV4	37852	50405	4.26%	0.301%
79	16.745	2486	2492	2502	rVB2	120072	283351	23.93%	1.692%
80	16.974	2526	2531	2538	rVB3	139600	283206	23.92%	1.692%
81	17.174	2561	2565	2571	rVB	53219	100020	8.45%	0.597%
82	17.303	2583	2587	2593	rVB7	103100	188759	15.94%	1.127%
83	17.745	2657	2662	2670	rVB8	65217	160340	13.54%	0.958%

Sum of corrected areas: 16741771

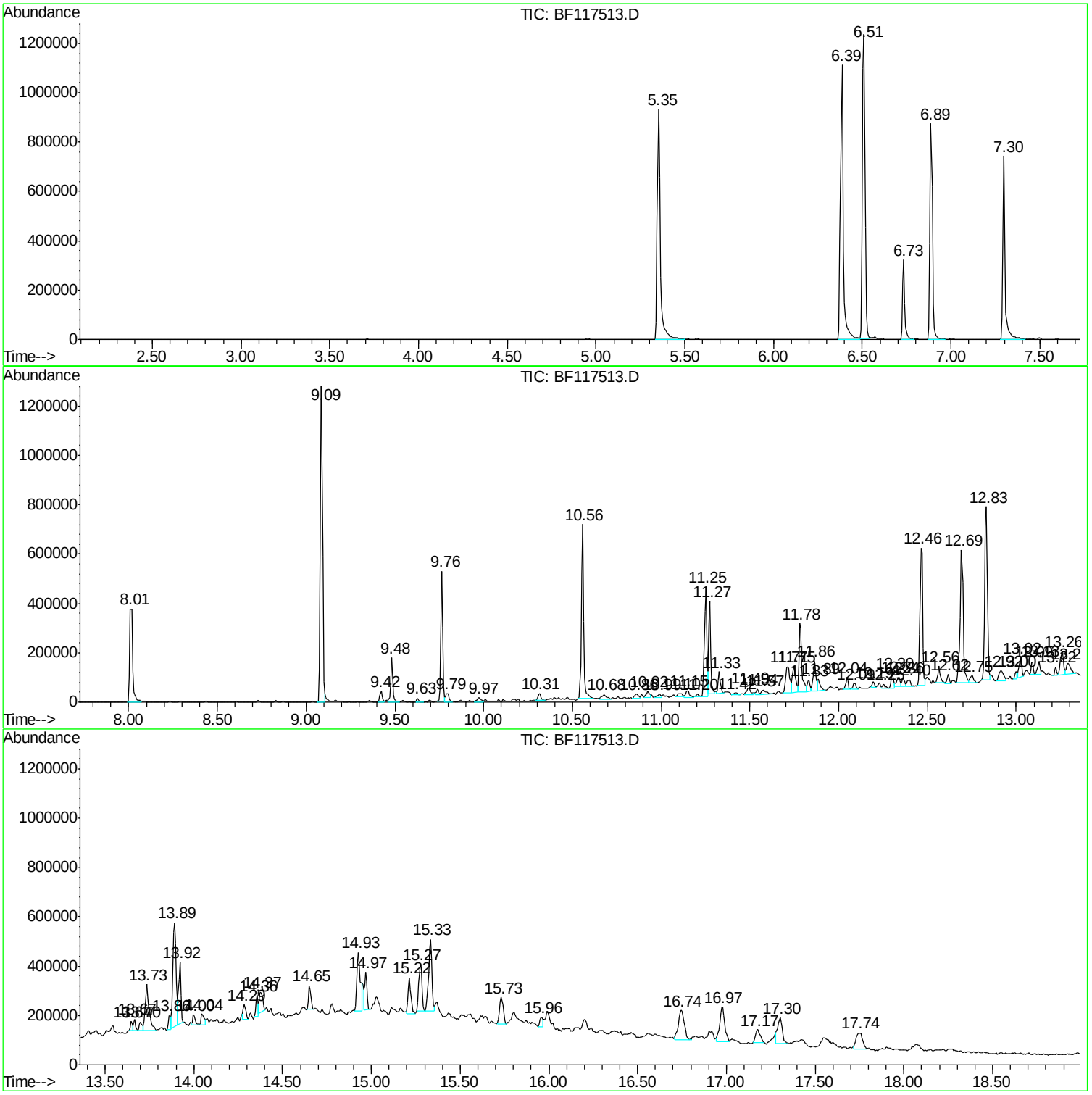
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117513.D
Acq On : 24 Oct 2019 16:40
Operator : JU
Sample : K5498-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
193-10-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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\BF102419\
Data File : BF117513.D
Acq On : 24 Oct 2019 16:40
Operator : JU
Sample : K5498-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 193-10-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

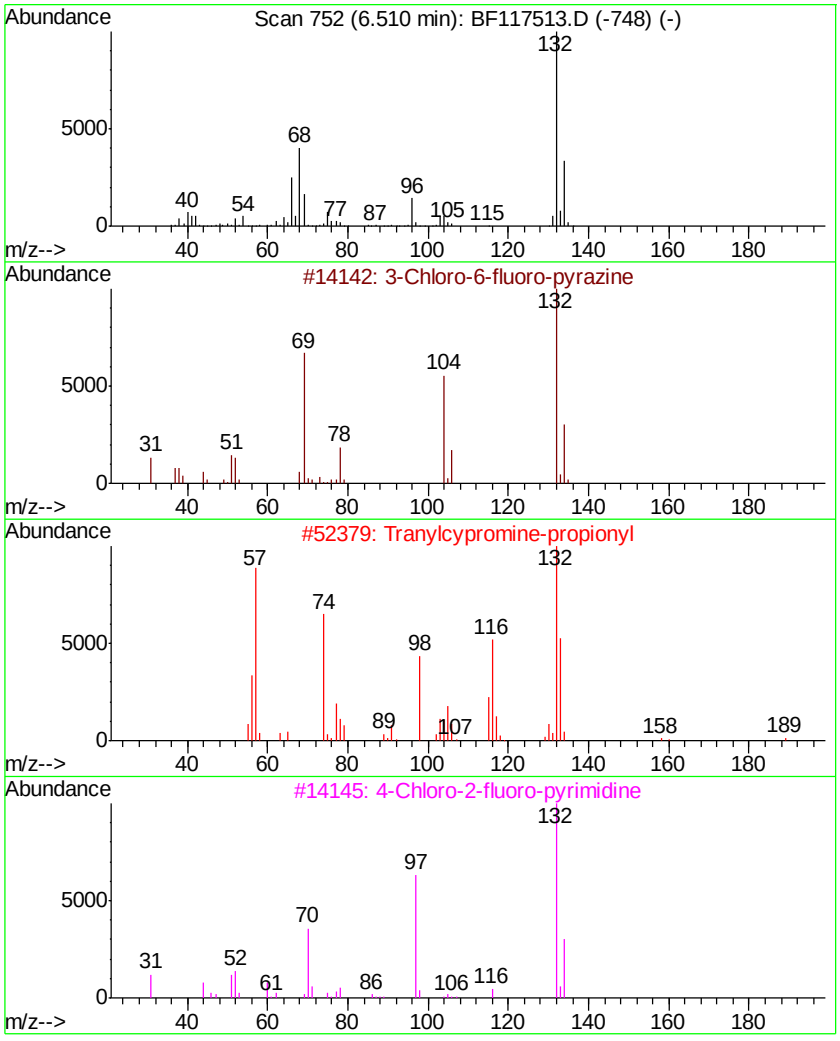
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

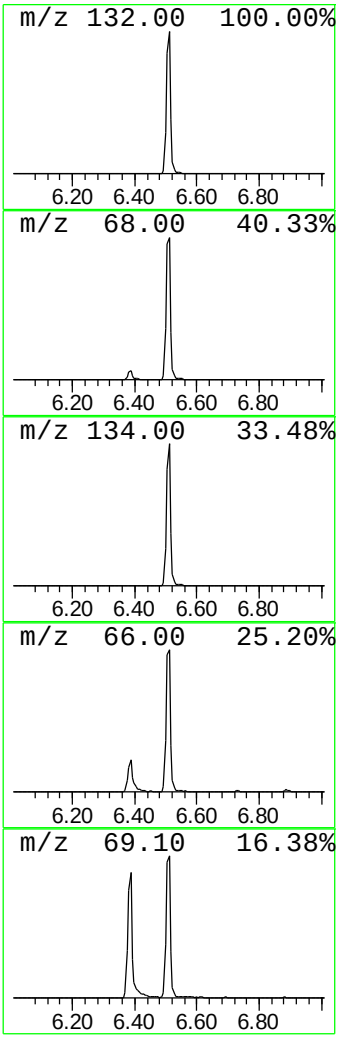
****

Peak Number 1 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	80.06 ng	1179900	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117513.D
Acq On : 24 Oct 2019 16:40
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 193-10-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

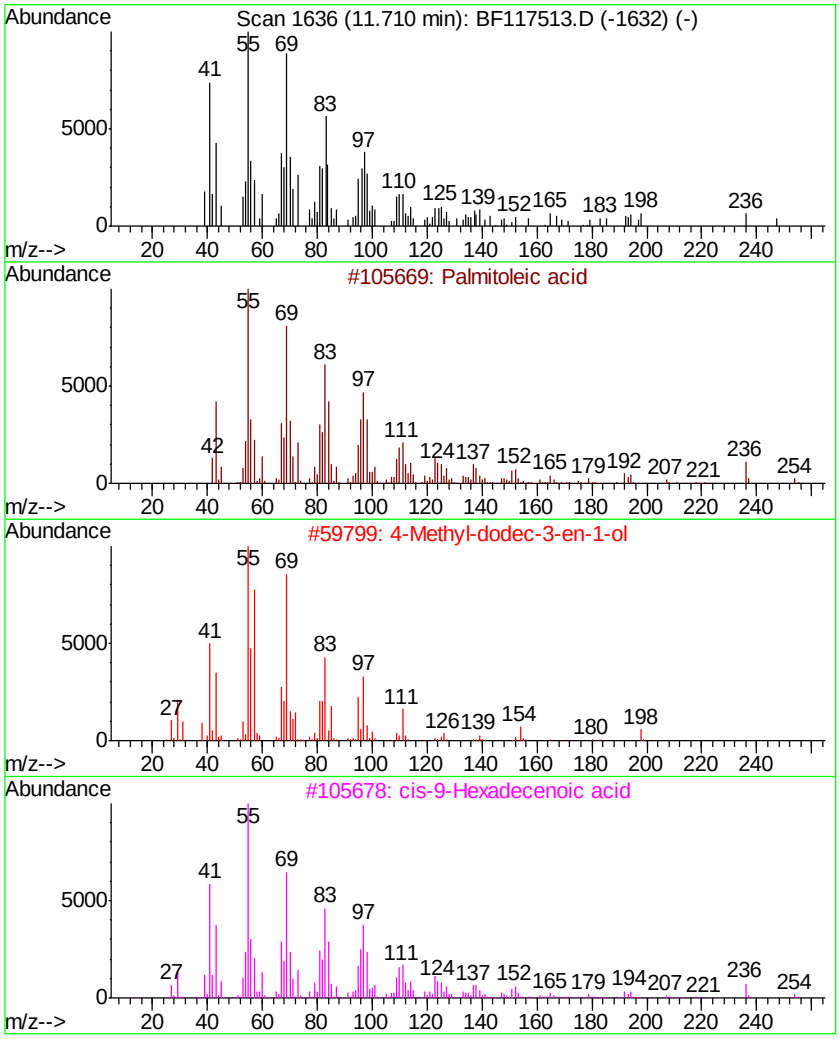
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

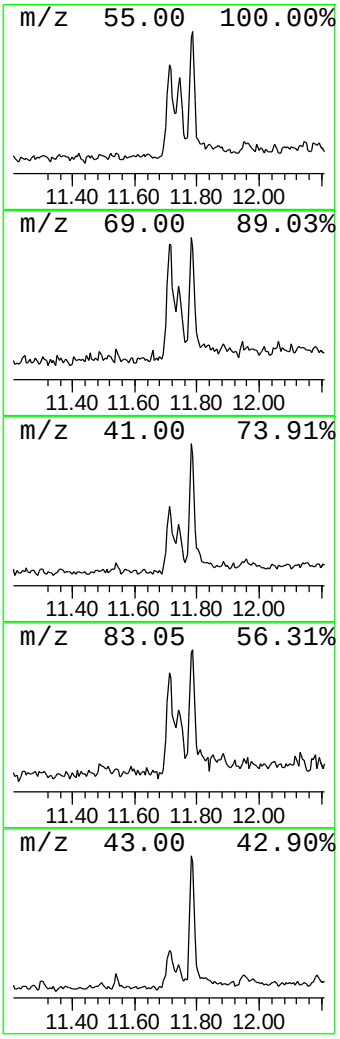
****

Peak Number 3 Palmitoleic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	8.15 ng	168996	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	87
2	4-Methyl-dodec-3-en-1-ol	198	C13H26O	1000192-41-0	78
3	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	55
4	Methacrylic acid, tetradecyl ester	282	C18H34O2	1000340-29-0	53
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117513.D
Acq On : 24 Oct 2019 16:40
Operator : JU
Sample : K5498-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 193-10-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

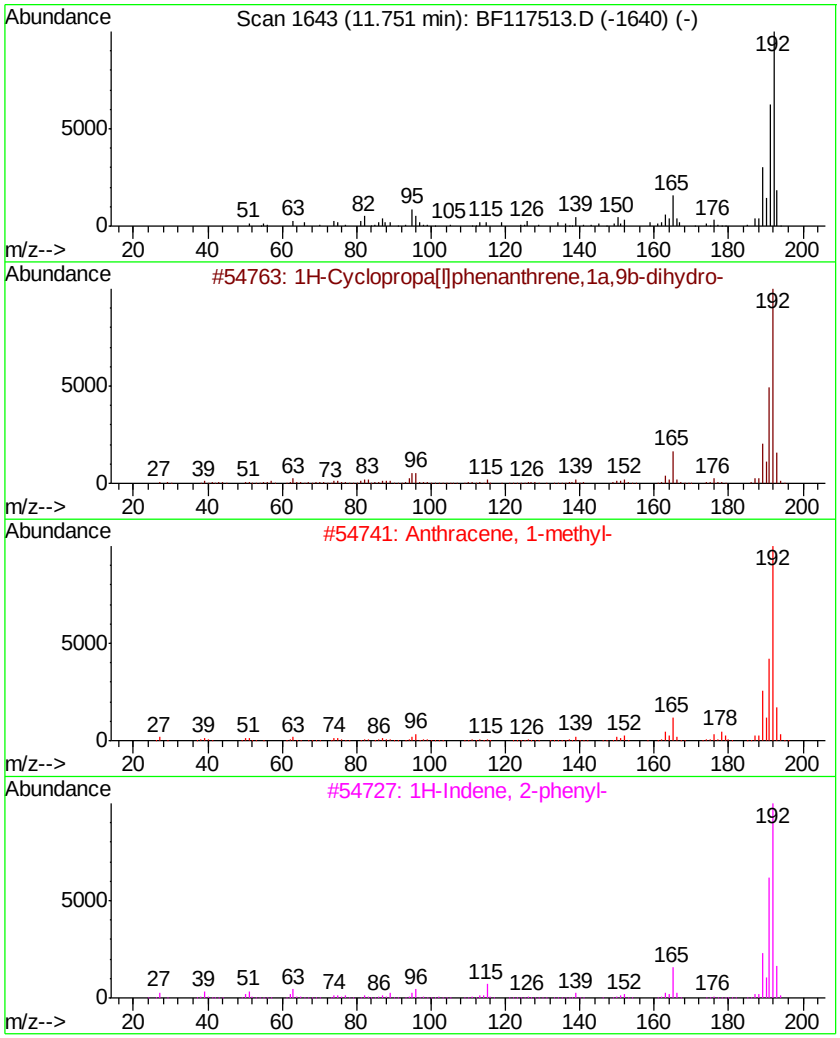
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

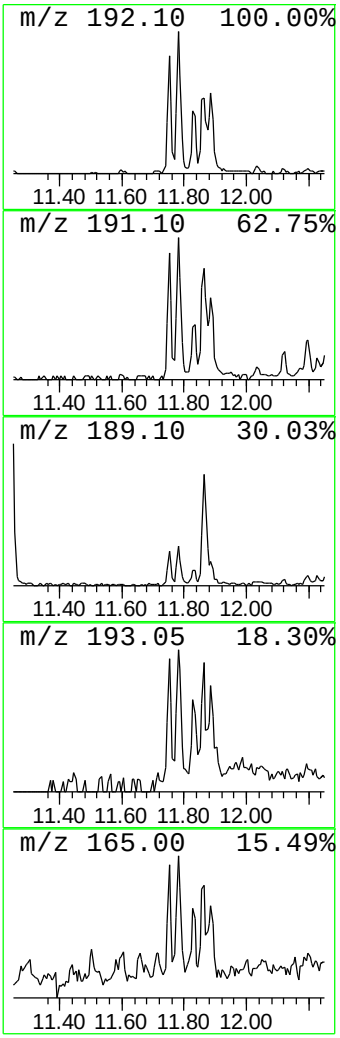
****

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	6.64 ng	137763	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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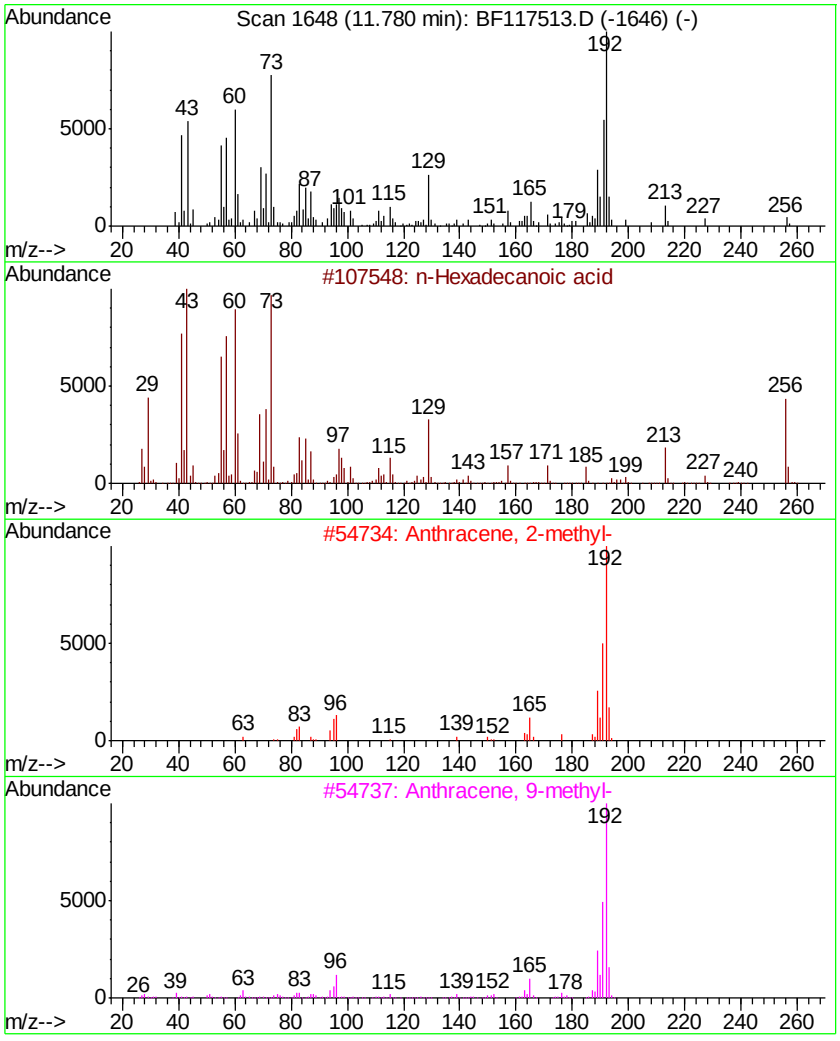
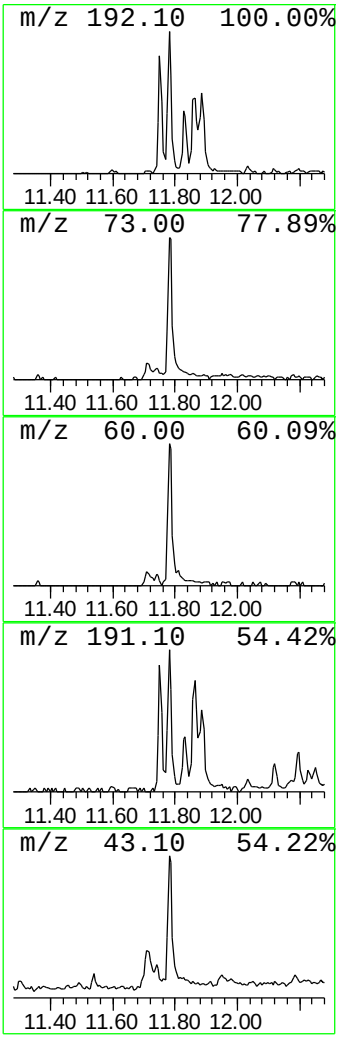
Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	14.94 ng	310014	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	64
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117513.D
Acq On : 24 Oct 2019 16:40
Operator : JU
Sample : K5498-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 193-10-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

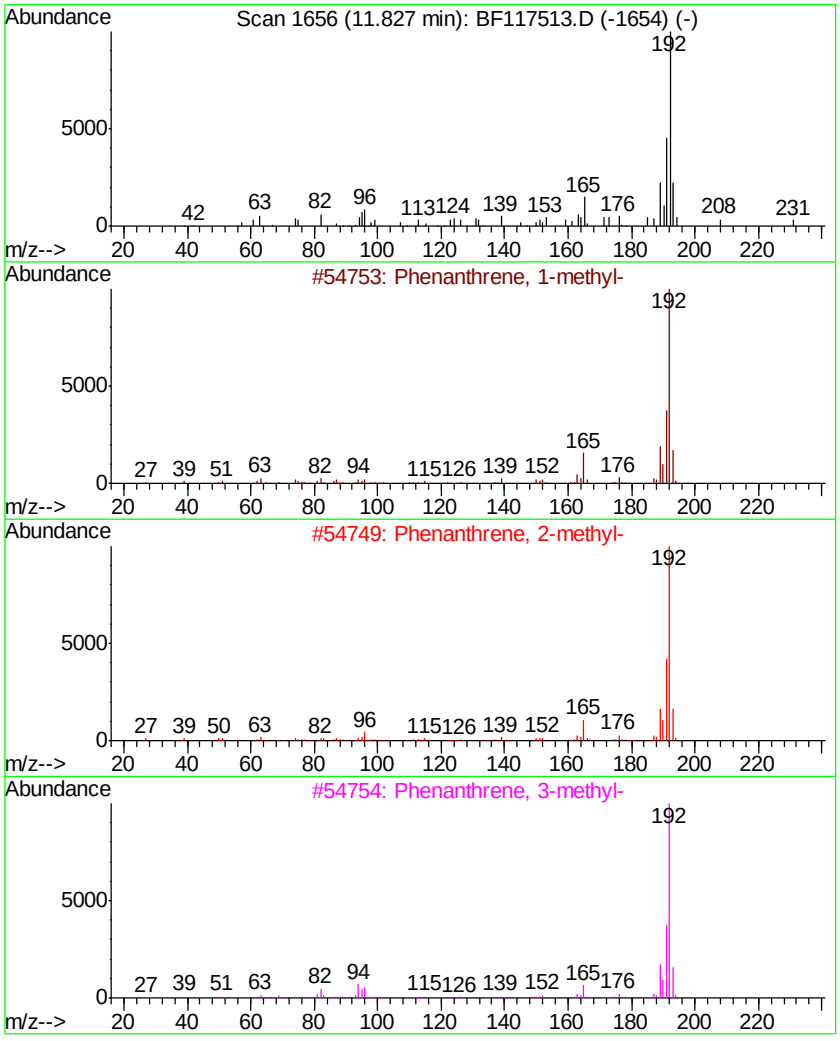
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

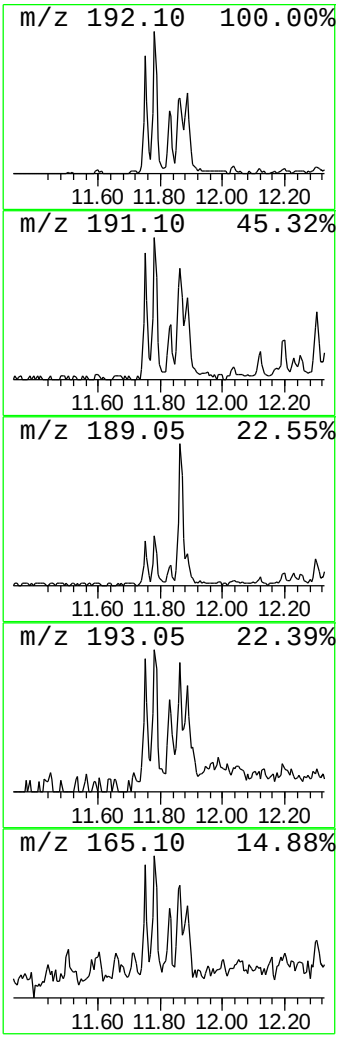
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.58 ng	53559	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117513.D
Acq On : 24 Oct 2019 16:40
Operator : JU
Sample : K5498-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 193-10-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

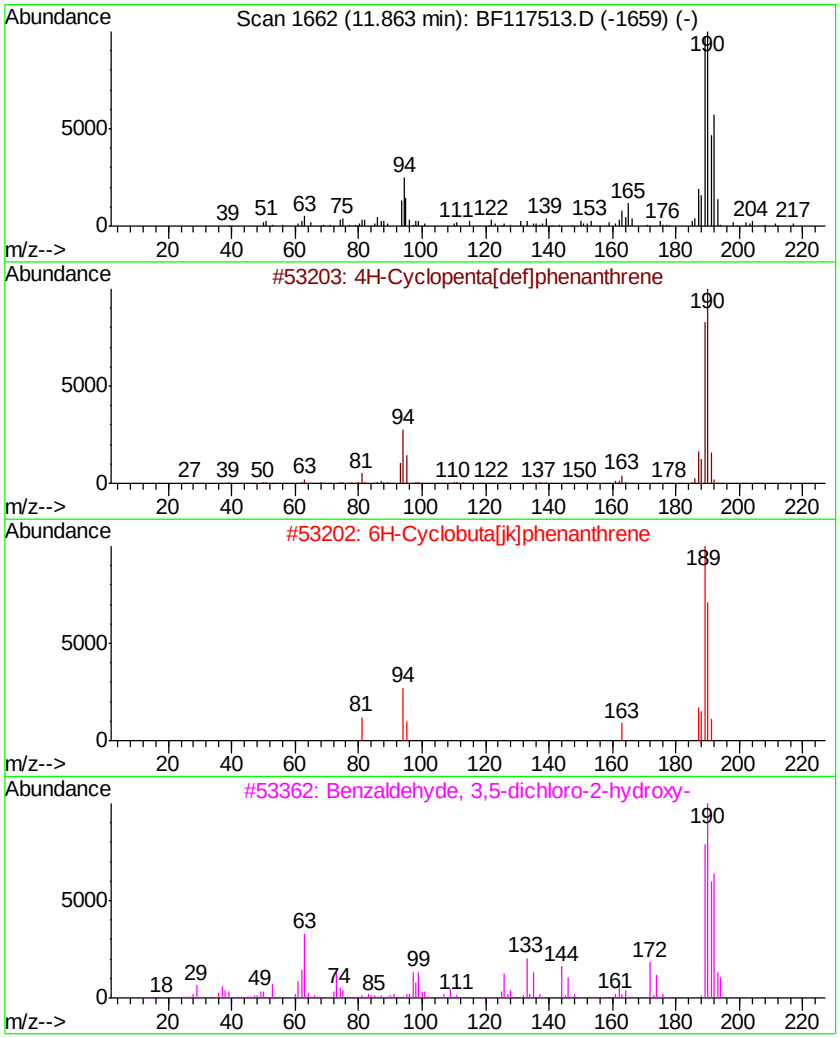
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

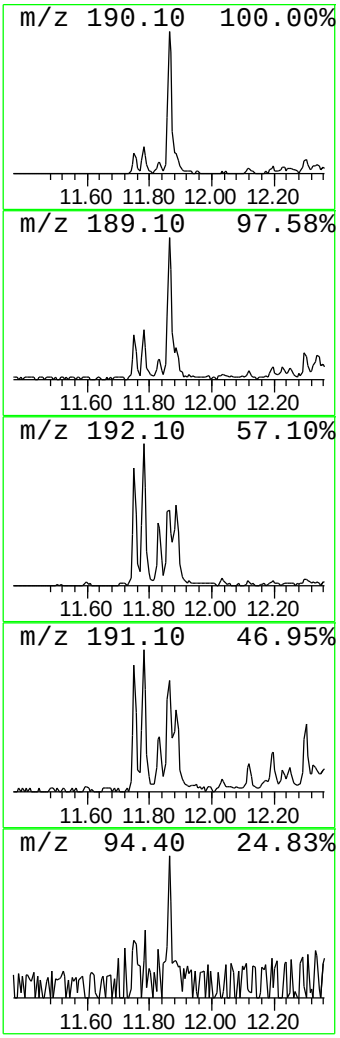
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	6.45 ng	133924	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	35





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ClientSampleId : 193-10-(0-1)

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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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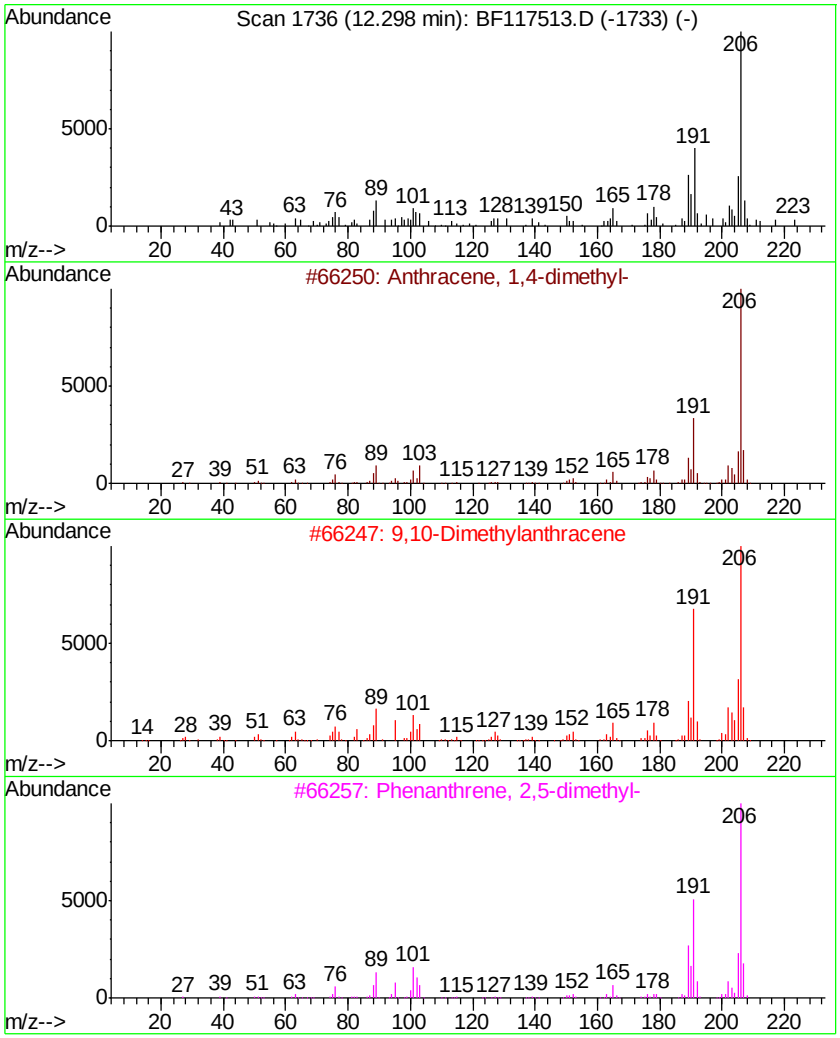
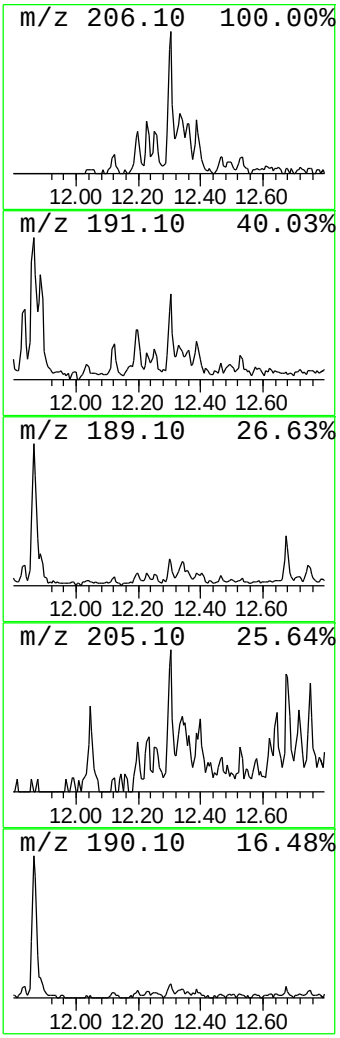
Peak Number 8 Anthracene, 1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	3.04 ng	63076	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	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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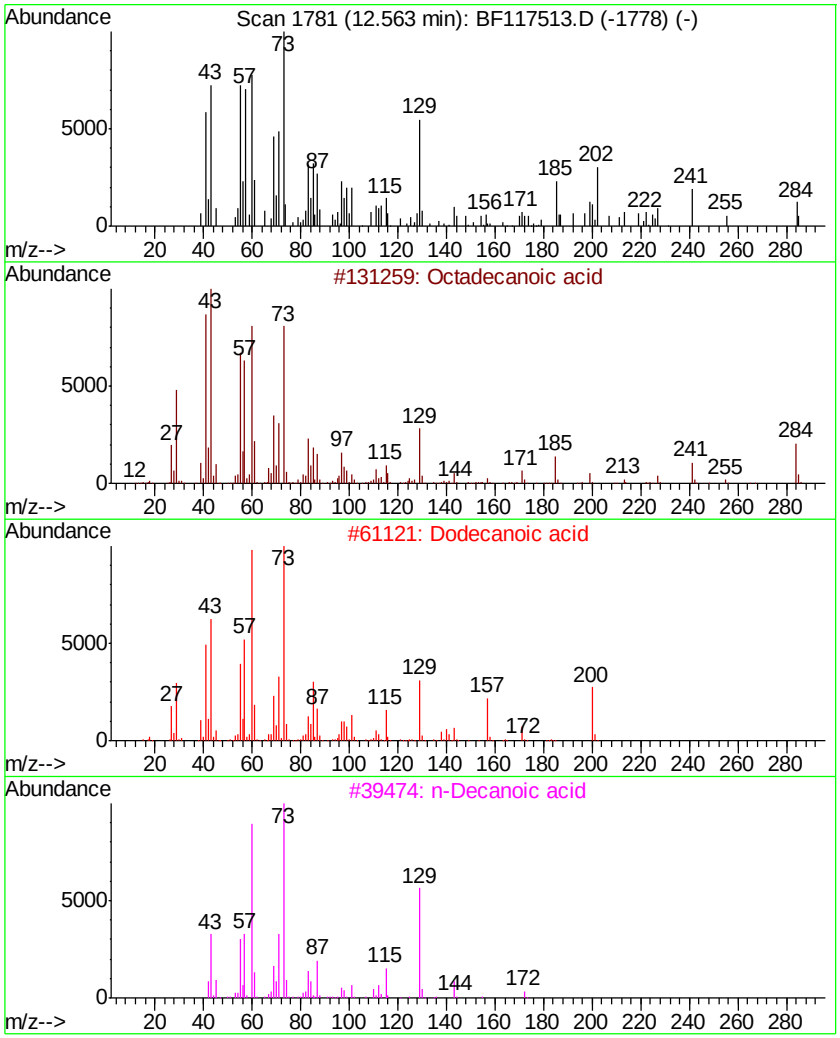
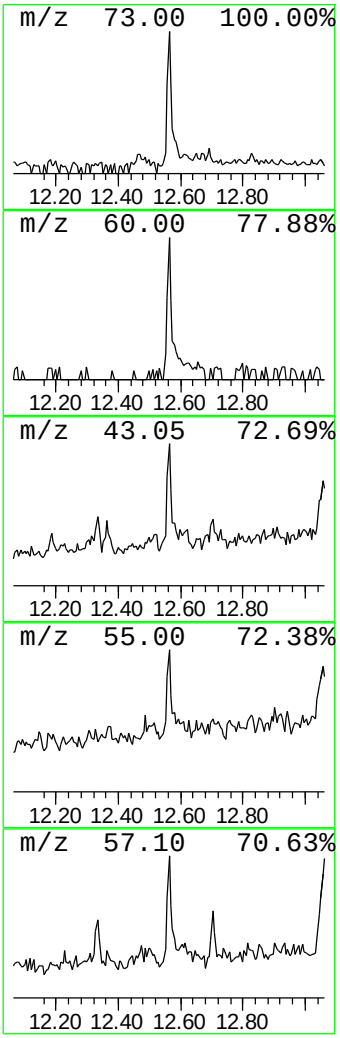
Peak Number 9 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	3.45 ng	71526	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Dodecanoic acid	200	C12H24O2	000143-07-7	53
3	n-Decanoic acid	172	C10H20O2	000334-48-5	50
4	1-Methyl-1-(4-methylpentyl)oxy-1...	200	C11H24OSi	1000216-90-9	47
5	Tridecanoic acid	214	C13H26O2	000638-53-9	47





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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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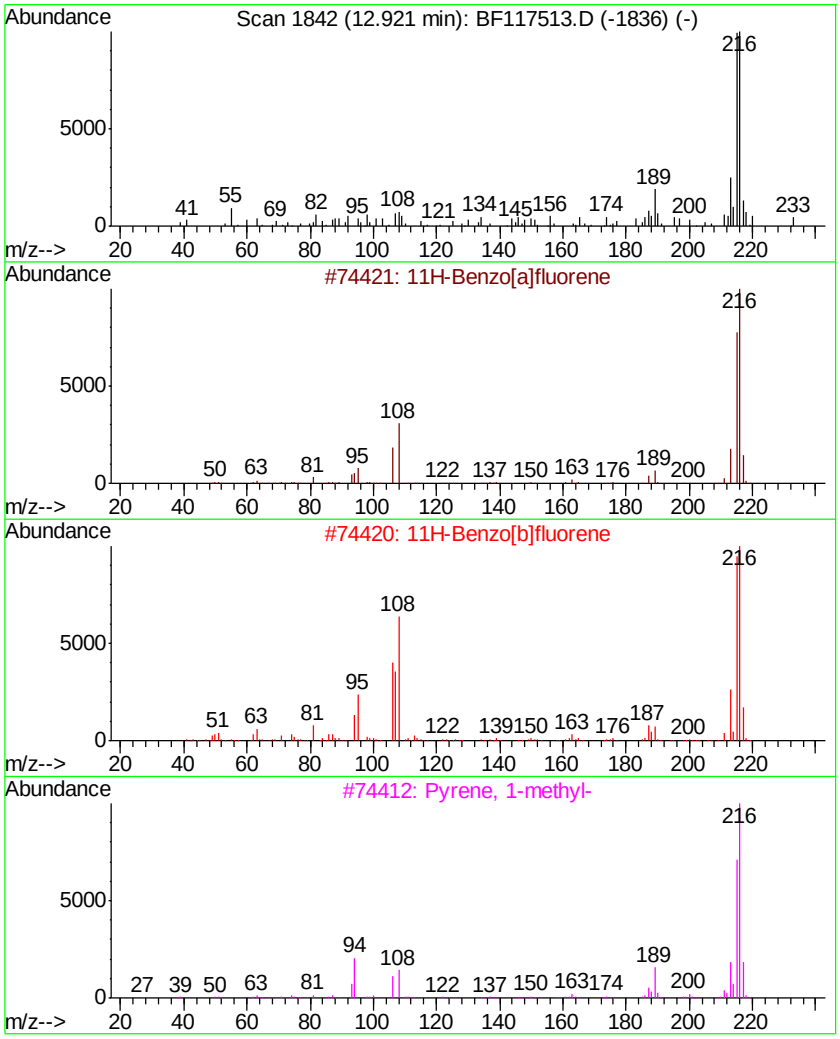
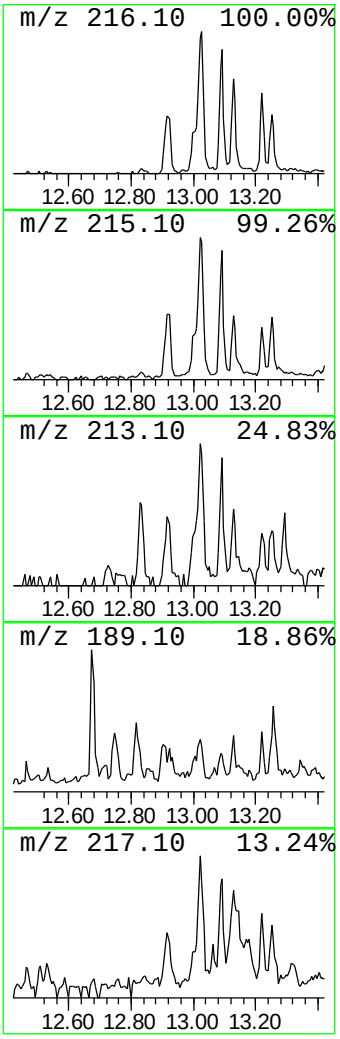
Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	2.54 ng	77141	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	68
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	62
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	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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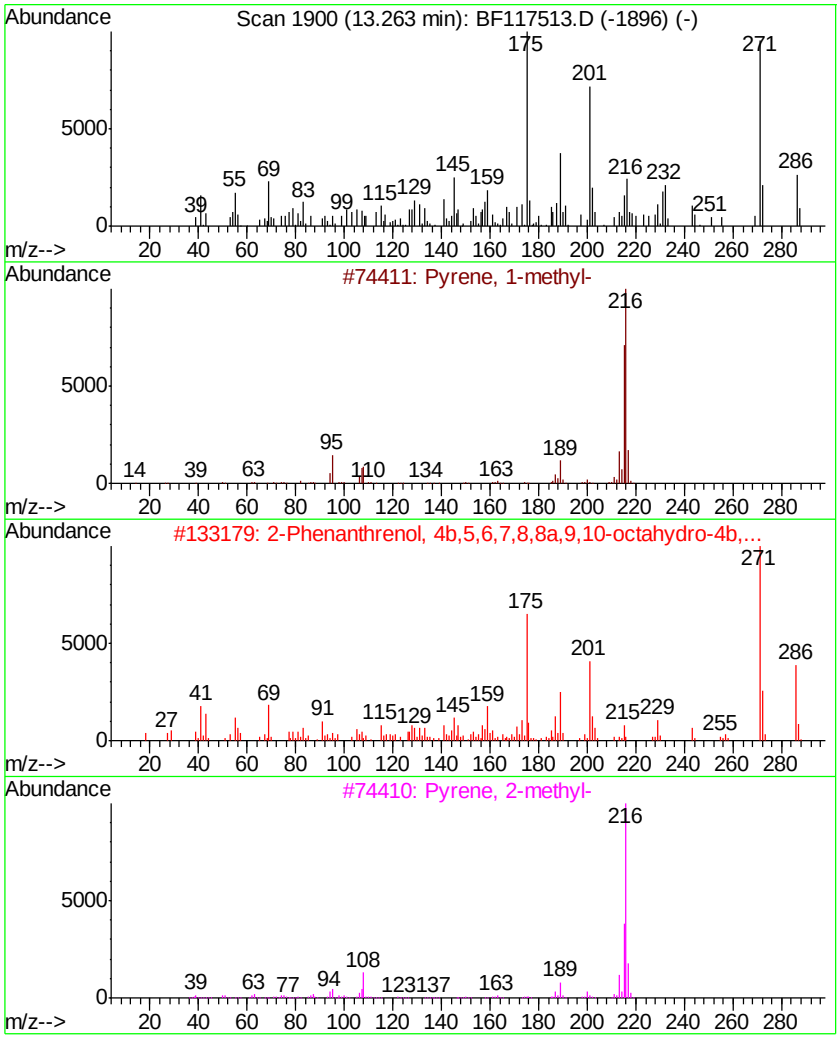
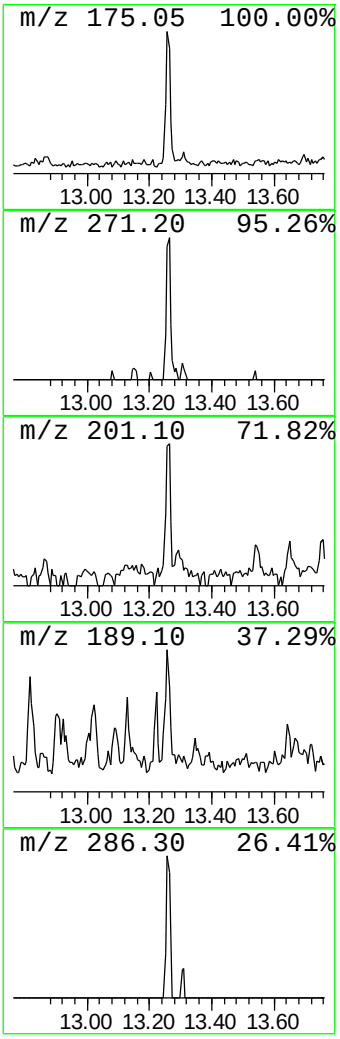
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	3.45 ng	104596	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	51
2	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	42
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	38
4	1H-Pyrido[3,4-b]indole, 2,3,4,9-...	216	C13H16N2O	001210-56-6	38
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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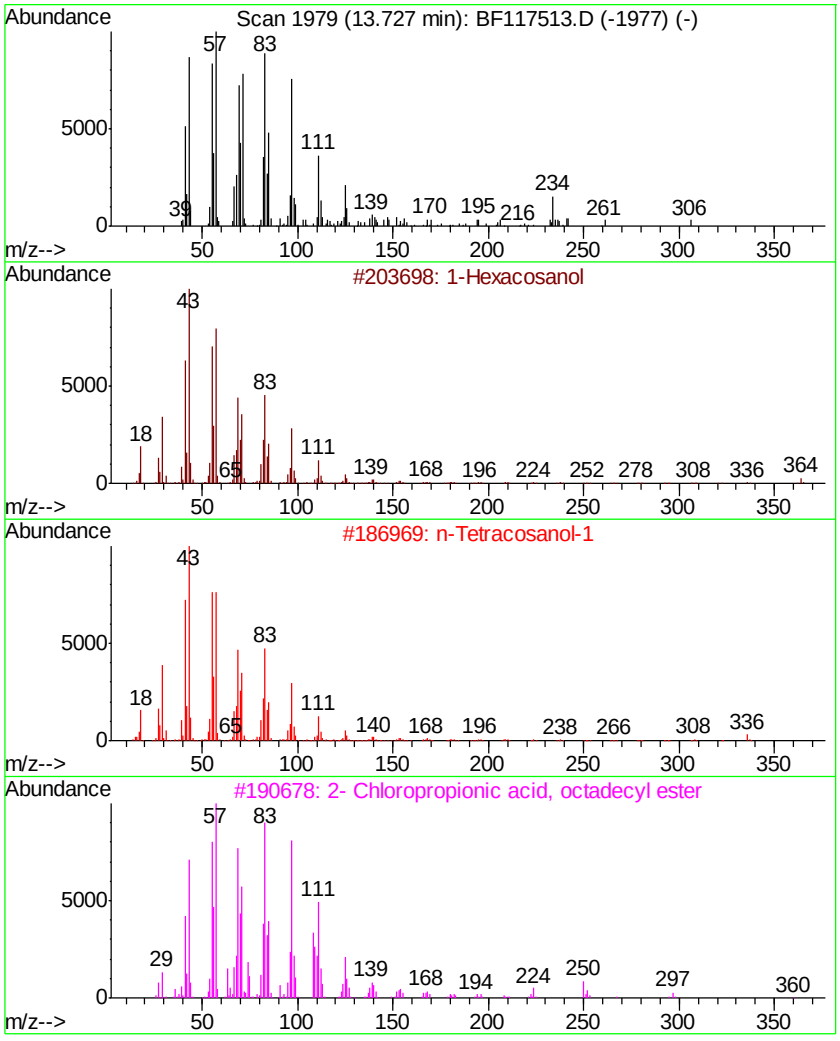
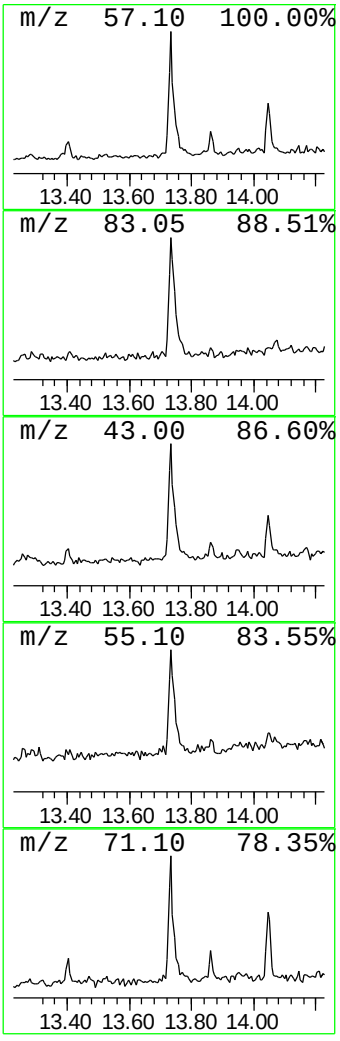
Peak Number 12 1-Hexacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	9.22 ng	279750	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	91
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
5	1-Heneicosanol	312	C21H44O	015594-90-8	87





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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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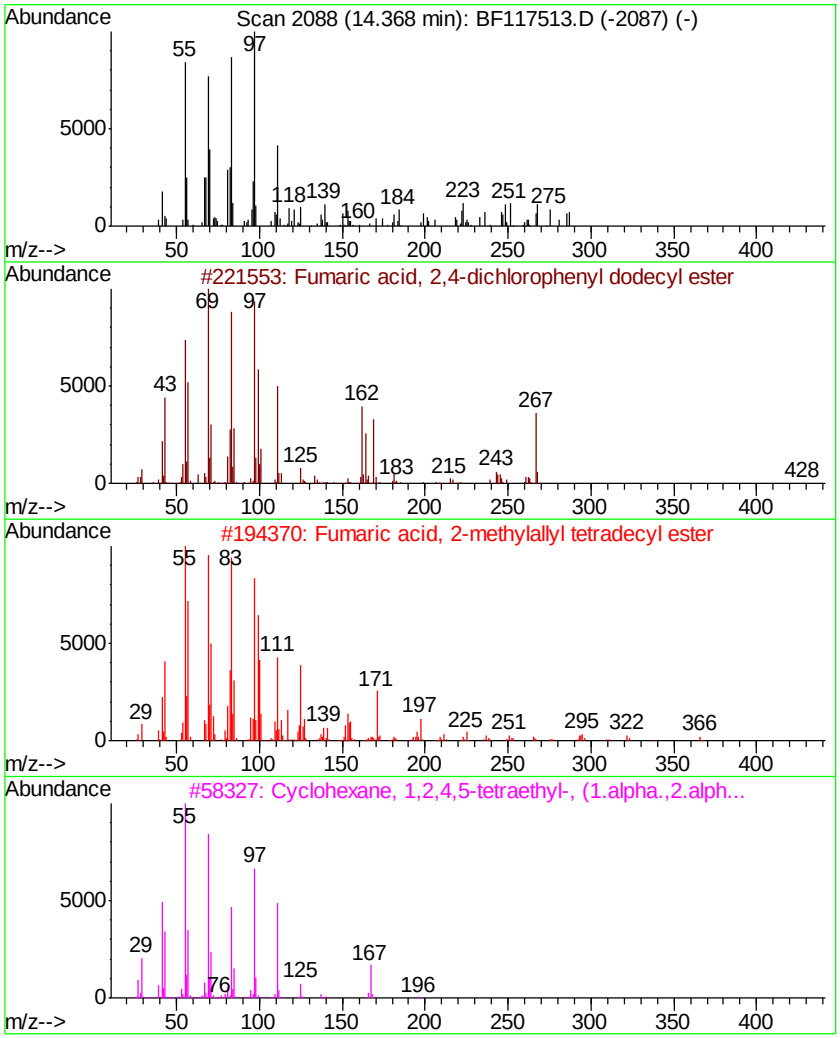
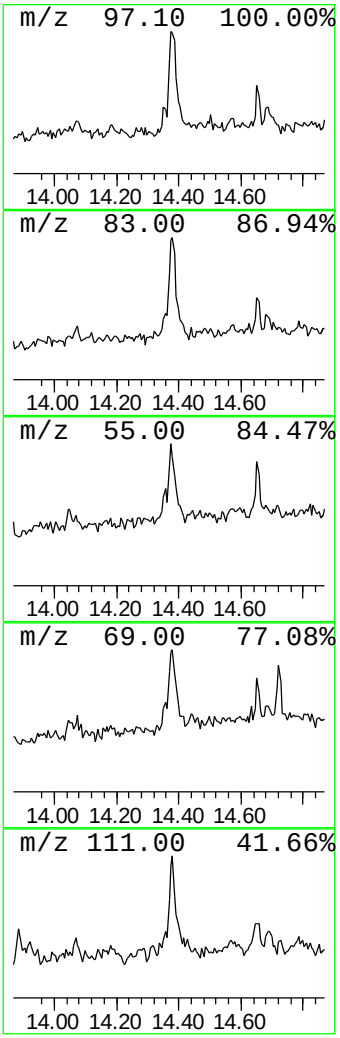
Peak Number 13 Fumaric acid, 2,4-dichlorop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	3.44 ng	104385	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2,4-dichlorophenyl...	428	C22H30Cl2O4	1000345-34-4	72
2	Fumaric acid, 2-methylallyl tetr...	366	C22H38O4	1000330-55-3	64
3	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	53
4	1-Hexadecanol	242	C16H34O	036653-82-4	46
5	Cyclopentane, decyl-	210	C15H30	001795-21-7	43





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ClientSampleId : 193-10-(0-1)

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

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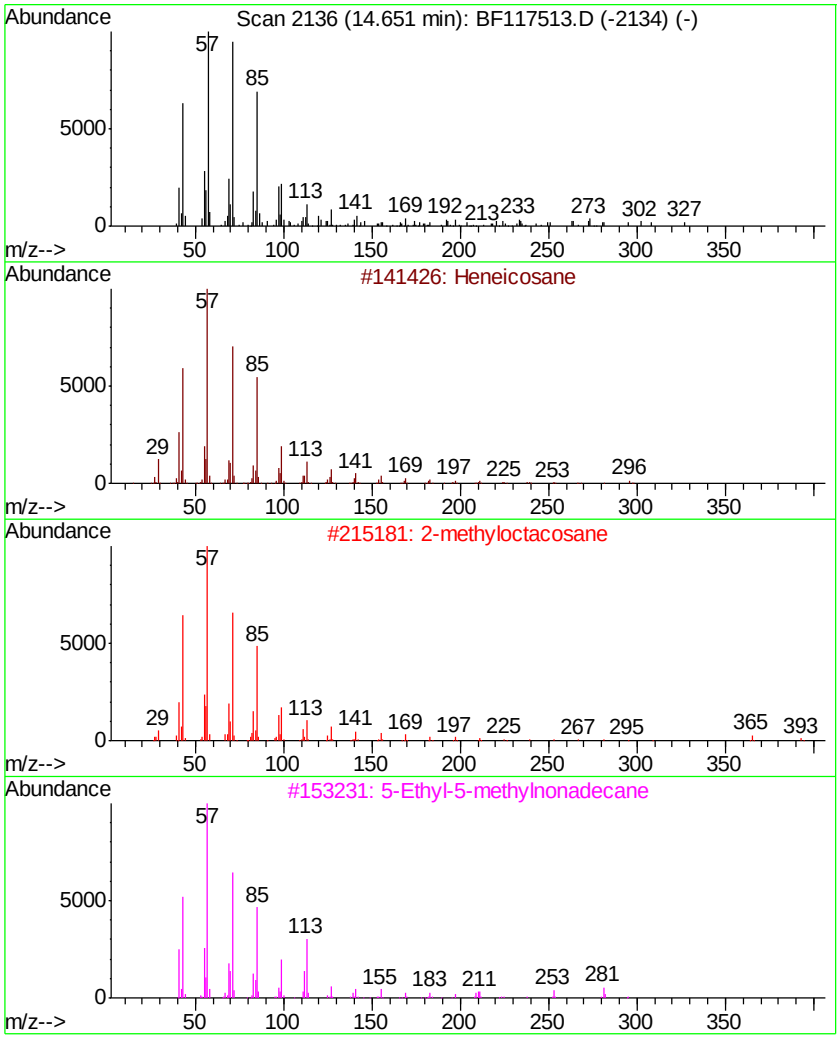
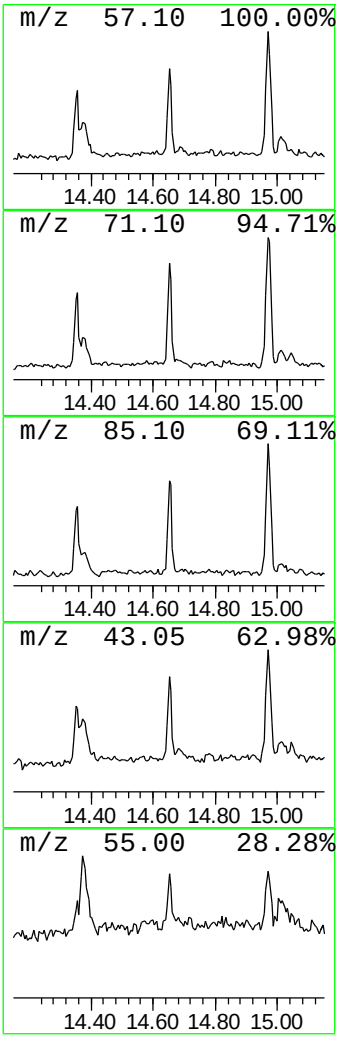
Peak Number 14 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	4.16 ng	81212	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	83
2	2-methyloctacosane	408	C29H60	1000376-72-8	80
3	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	72
4	Nonadecane	268	C19H40	000629-92-5	72
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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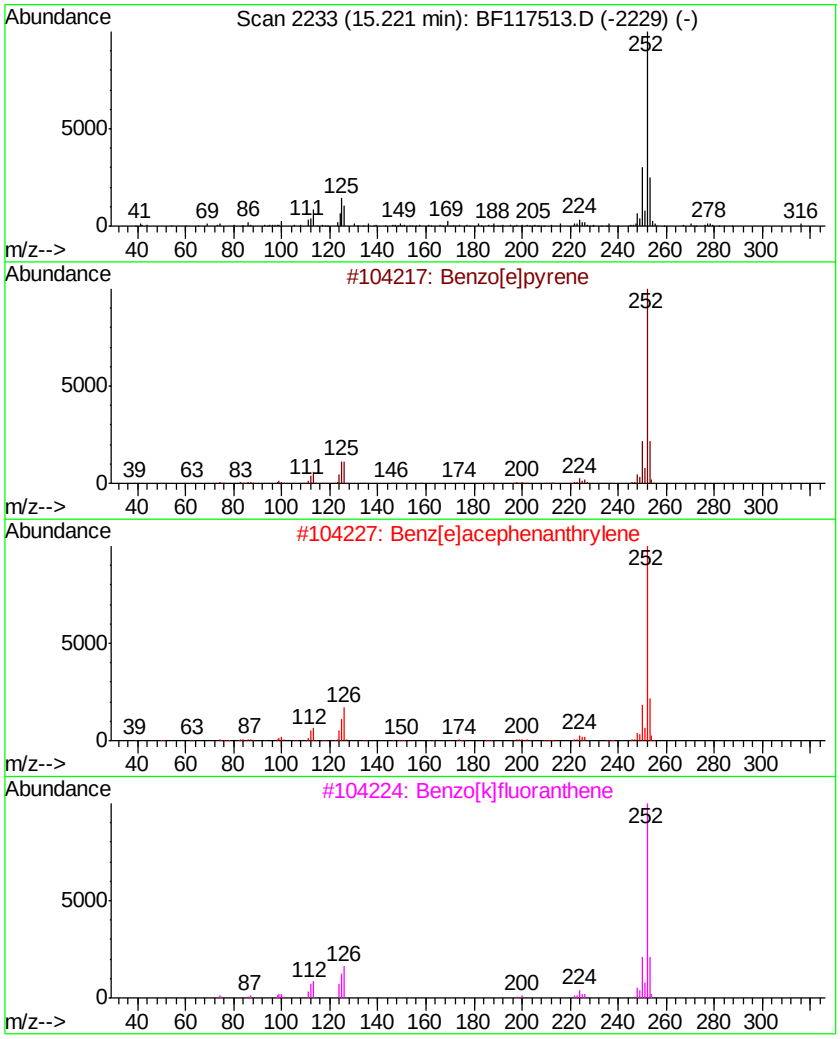
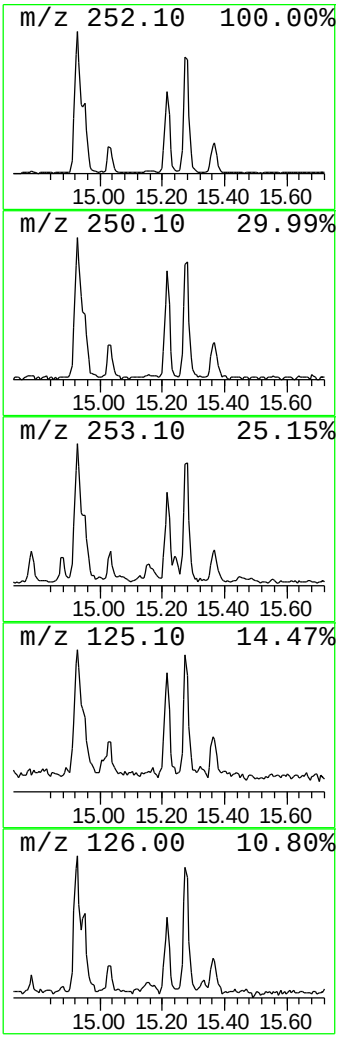
Peak Number 15 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	8.04 ng	157062	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Perylene	252	C20H12	000198-55-0	93





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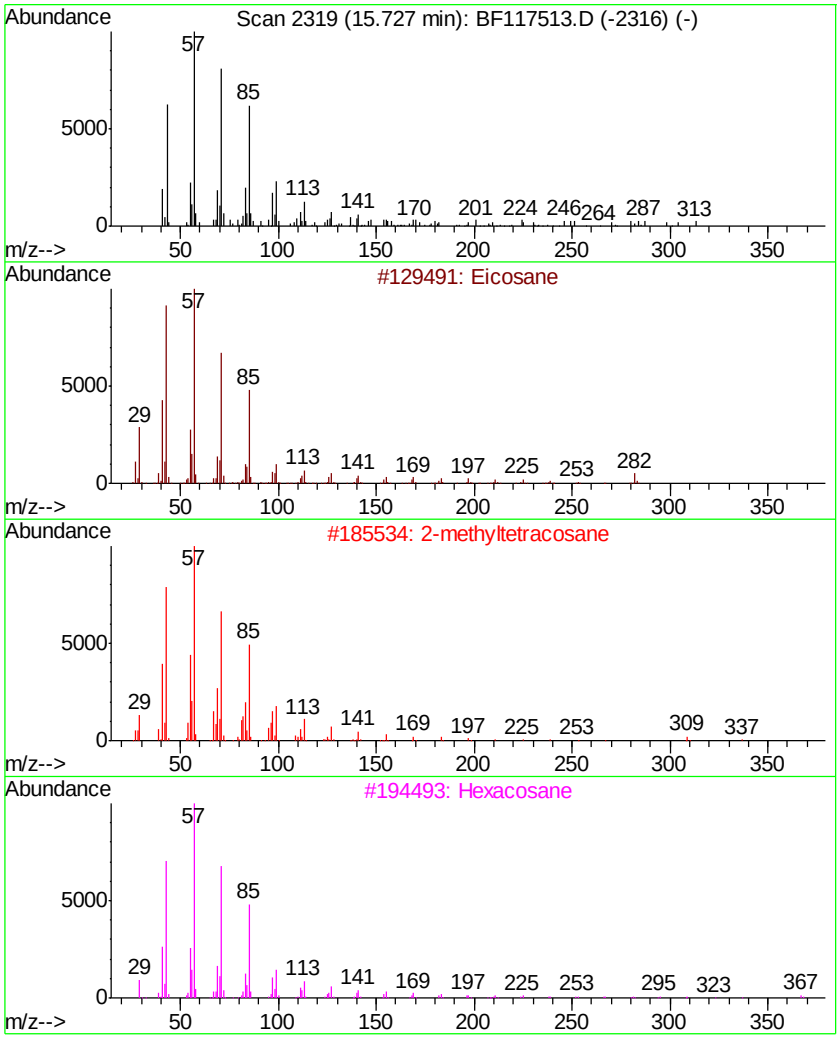
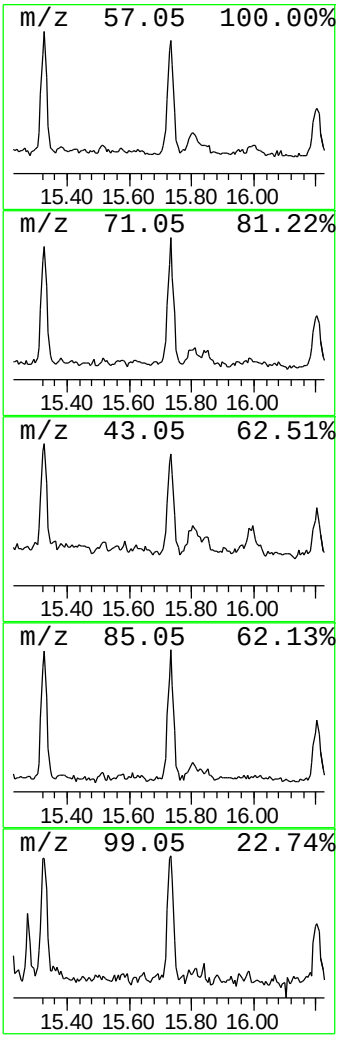
Peak Number 16 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	7.25 ng	141773	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	2-methyltetracosane	352	C25H52	1000376-72-6	90
3	Hexacosane	366	C26H54	000630-01-3	86
4	Octacosane	394	C28H58	000630-02-4	83
5	Triacontane	422	C30H62	000638-68-6	80





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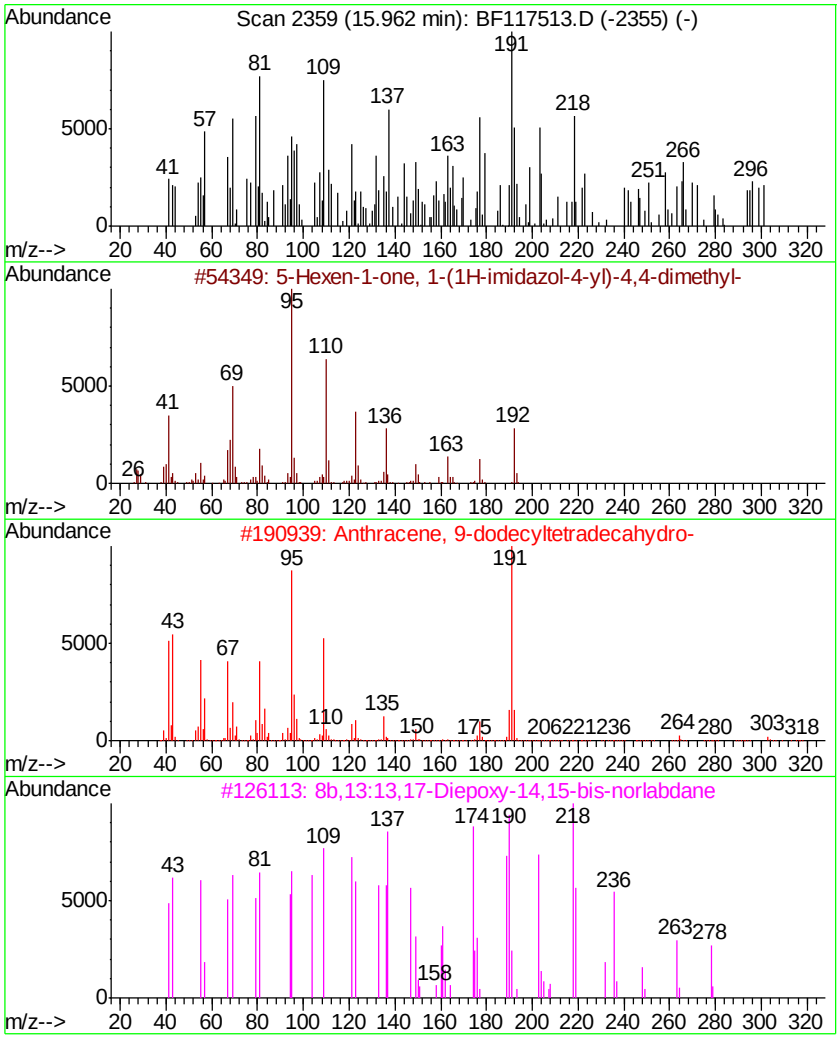
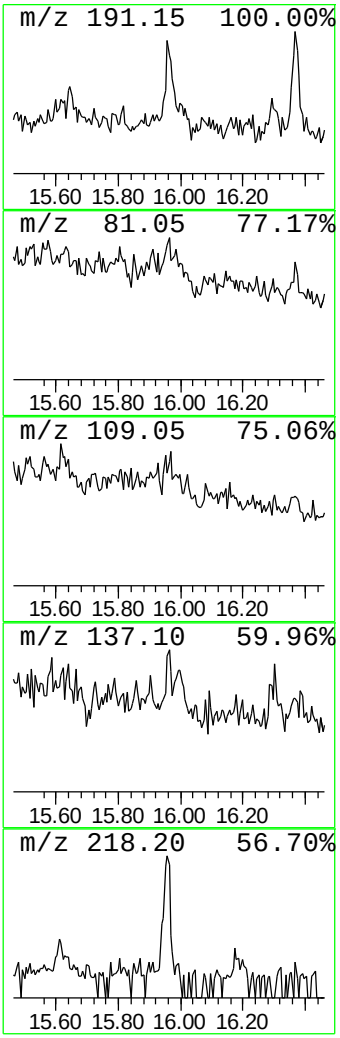
Peak Number 17 unknown15.96 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	2.58 ng	50405	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	22
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	22
3	8b,13:13,17-Diepoxy-14,15-bis-no...	278	C18H30O2	1000147-82-9	18
4	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	18
5	5-(1-Isopropenyl-4,5-dimethylbic...	332	C22H36O2	1000195-69-8	14





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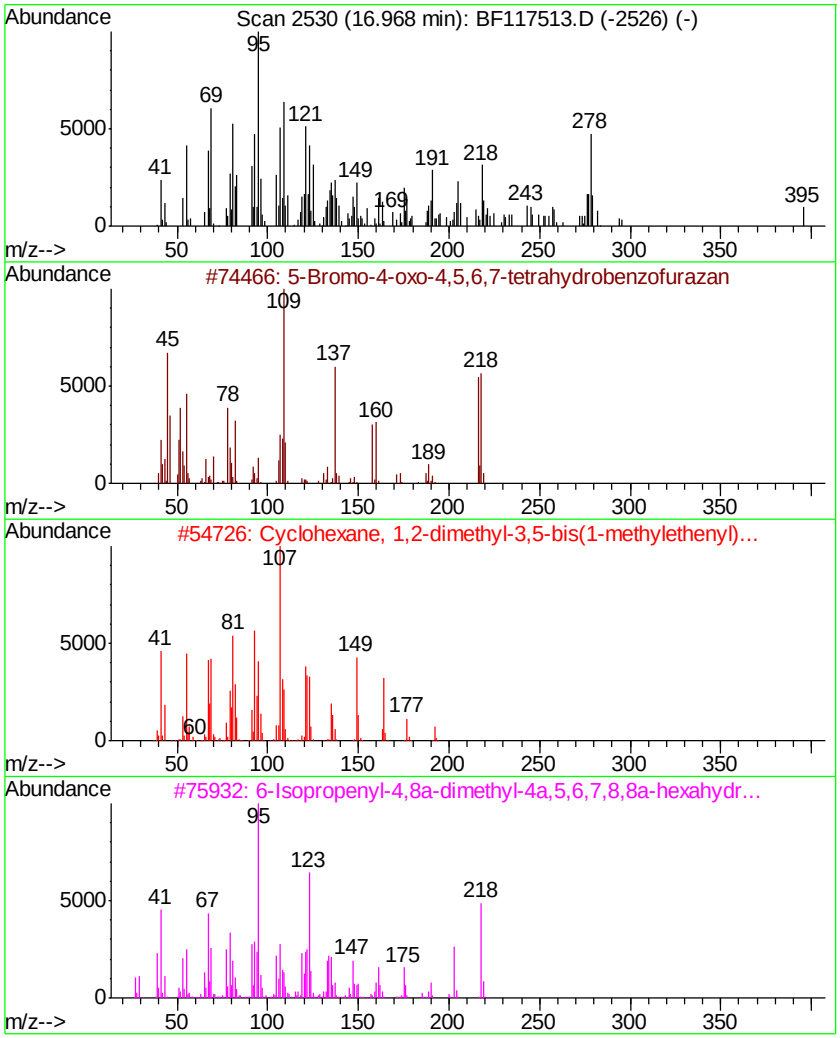
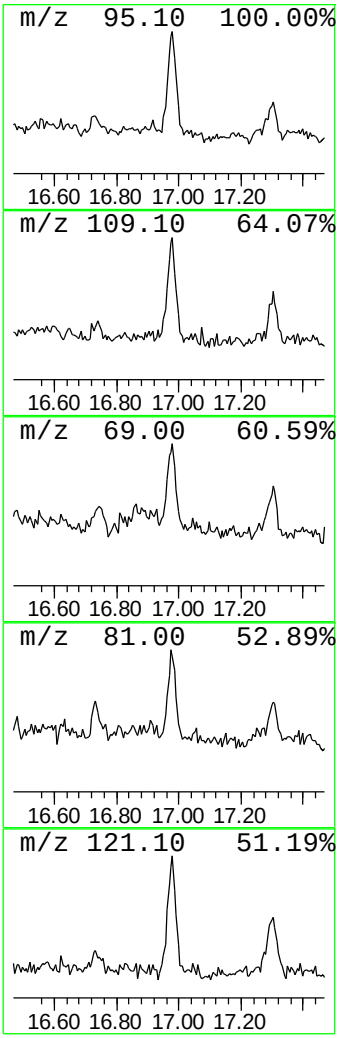
Peak Number 18 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	14.49 ng	283206	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	86
2	Cyclohexane, 1,2-dimethyl-3,5-bi...	192	C14H24	074806-55-6	59
3	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	38
4	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	38
5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	38





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 193-10-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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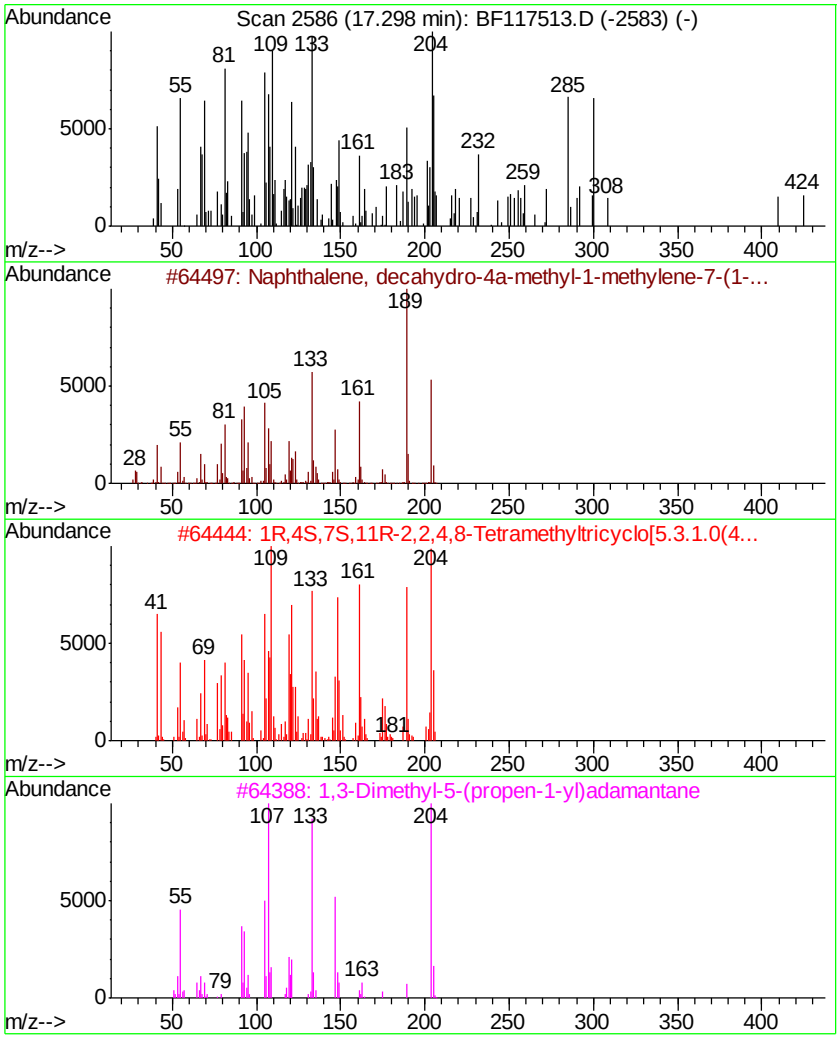
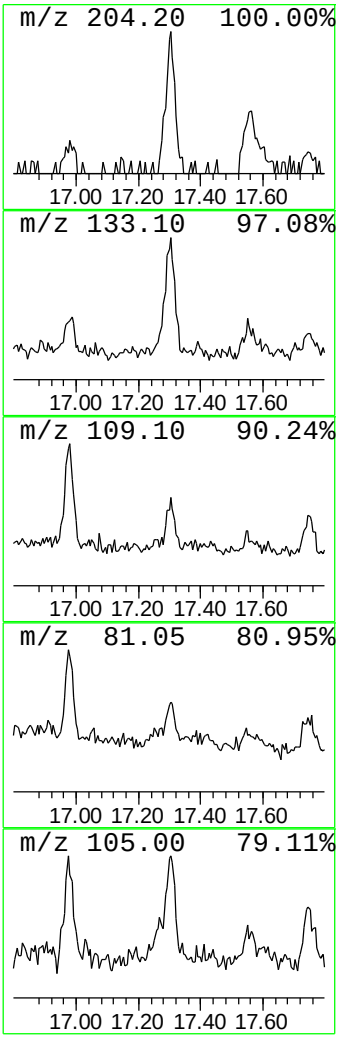
Peak Number 19 unknown17.30 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	9.66 ng	188759	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	46
2	1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	46
3	1,3-Dimethyl-5-(propen-1-yl)adam...	204	C15H24	057040-48-9	27
4	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	000489-29-2	25
5	.alpha.-D-Mannopyranoside, methy...	482	C19H46O6Si4	001769-06-8	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117513.D
Acq On : 24 Oct 2019 16:40
Operator : JU
Sample : K5498-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 193-10-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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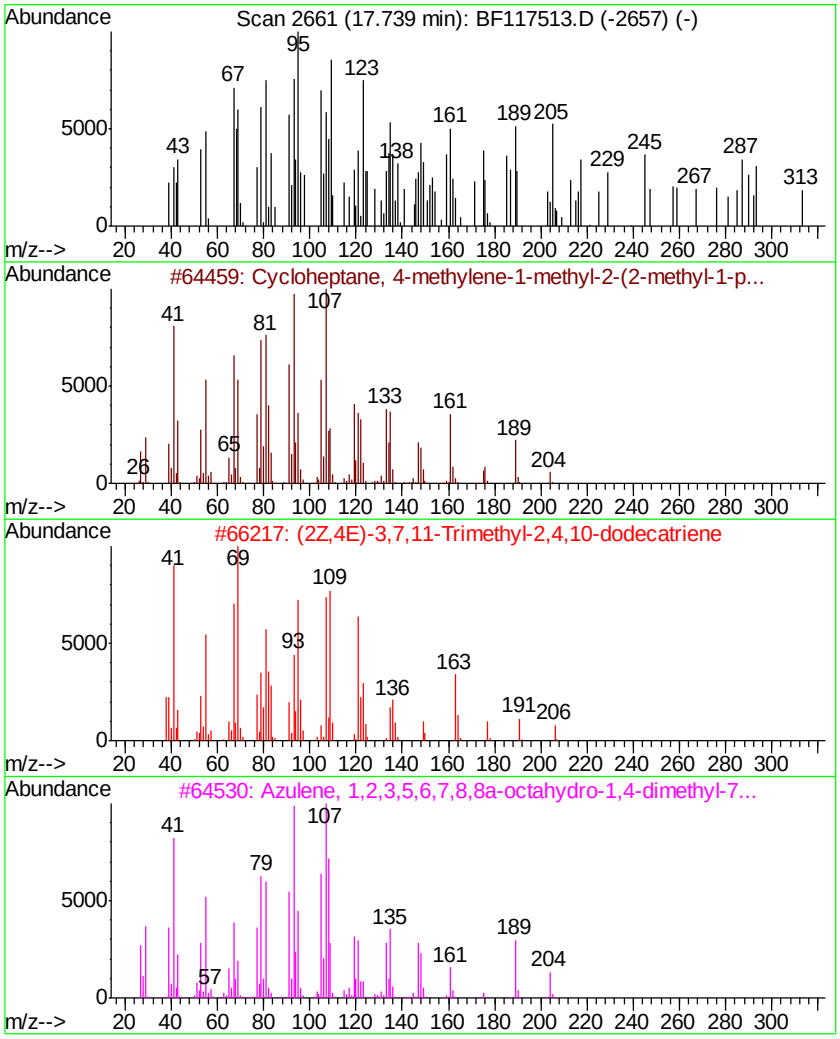
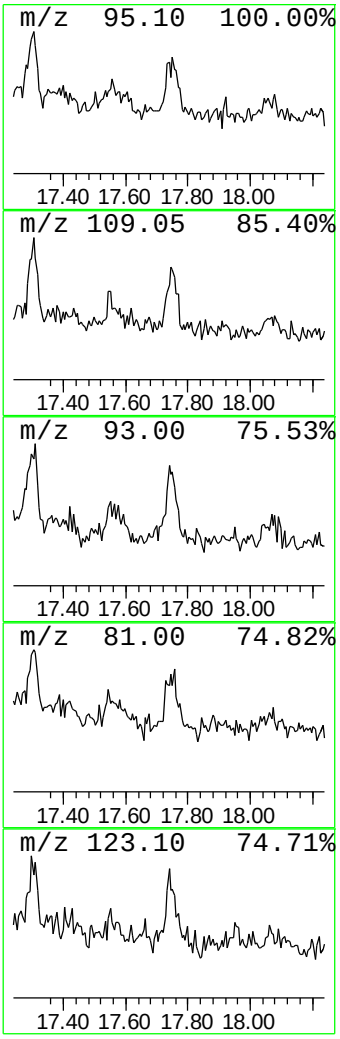
Peak Number 20 unknown17.74 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	8.20 ng	160340	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	45
2	(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	38
3	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	35
4	1-Cycloheptene, 1,4-dimethyl-3-(...	204	C15H24	1000159-38-6	22
5	Phenylacetylamino, N-benzyl-.alp...	241	C15H15NO2	004410-32-6	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102419\
Data File : BF117513.D
Acq On : 24 Oct 2019 16:40
Operator : JU
Sample : K5498-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 193-10-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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
unknown6.51	6.51	80.1	ng	1179900	1	6.73	294763	20.0
Palmitoleic acid	11.71	8.2	ng	168996	4	11.25	414968	20.0
1H-Cyclopropa[l]p...	11.75	6.6	ng	137763	4	11.25	414968	20.0
n-Hexadecanoic acid	11.78	14.9	ng	310014	4	11.25	414968	20.0
Phenanthrene, 1-m...	11.83	2.6	ng	53559	4	11.25	414968	20.0
4H-Cyclopenta[def...	11.86	6.5	ng	133924	4	11.25	414968	20.0
Anthracene, 1,4-d...	12.30	3.0	ng	63076	4	11.25	414968	20.0
Octadecanoic acid	12.56	3.5	ng	71526	4	11.25	414968	20.0
11H-Benzo[a]fluorene	12.92	2.5	ng	77141	5	13.90	607052	20.0
Pyrene, 1-methyl-	13.26	3.5	ng	104596	5	13.90	607052	20.0
1-Hexacosanol	13.73	9.2	ng	279750	5	13.90	607052	20.0
Fumaric acid, 2,4...	14.37	3.4	ng	104385	5	13.90	607052	20.0
Heneicosane	14.65	4.2	ng	81212	6	15.33	390891	20.0
Benzo[e]pyrene	15.22	8.0	ng	157062	6	15.33	390891	20.0
Eicosane	15.73	7.3	ng	141773	6	15.33	390891	20.0
unknown15.96	15.96	2.6	ng	50405	6	15.33	390891	20.0
5-Bromo-4-oxo-4,5...	16.97	14.5	ng	283206	6	15.33	390891	20.0
unknown17.30	17.30	9.7	ng	188759	6	15.33	390891	20.0
unknown17.74	17.74	8.2	ng	160340	6	15.33	390891	20.0