LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117720.D
Acq On : 7 Nov 2019 22:15
Operator : JU
Sample : K5722-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-C

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-BF110619.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	2.216	17	22	33	rVB	1313632	1718611	26.95%	2.132%
2	5.145	515	520	526	rVB	1010260	1197913	18.78%	1.486%
3	5.545	583	588	591	rBV	5627138	5303548	83.16%	6.580%
4	6.551	753	759	763	rBV	5535719	5796347	90.89%	7.191%
5	6.698	780	784	788	rBV	6082003	5776971	90.59%	7.167%
6	6.934	820	824	827	rBV	2371872	1822747	28.58%	2.261%
7	7.092	847	851	854	rVB	5166608	4440206	69.62%	5.509%
8	7.492	912	919	922	rBV	4071200	3536375	55.45%	4.387%
9	8.222	1039	1043	1046	rBV	2793848	2403455	37.69%	2.982%
10	9.298	1221	1226	1229	rBV	7502715	6377361	100.00%	7.912%
11	9.686	1289	1292	1296	rVB	897298	691093	10.84%	0.857%
12	9.980	1338	1342	1345	rBV	3392150	2746868	43.07%	3.408%
13	10.010	1345	1347	1351	rVB	117948	94766	1.49%	0.118%
14	10.527	1432	1435	1440	rBV	89181	83460	1.31%	0.104%
15	10.769	1471	1476	1479	rBV	4861093	4221173	66.19%	5.237%
16	10.869	1489	1493	1495	rBV	83771	81493	1.28%	0.101%
17	11.080	1523	1529	1531	rVB3	52197	81614	1.28%	0.101%
18	11.333	1566	1572	1575	rBV4	123560	149833	2.35%	0.186%
19	11.369	1575	1578	1581	rVB	122874	103581	1.62%	0.129%
20	11.474	1592	1596	1598	rBV	3042596	2948445	46.23%	3.658%
21	11.492	1598	1599	1603	rVV	1741842	1247084	19.55%	1.547%
22	11.545	1603	1608	1611	rVV2	247896	284804	4.47%	0.353%
23	11.804	1648	1652	1654	rBV	144626	123247	1.93%	0.153%
24	11.886	1663	1666	1669	rVB	88109	90300	1.42%	0.112%
25	11.974	1677	1681	1683	rBV	633544	617711	9.69%	0.766%
26	11.998	1683	1685	1689	rVV2	1122799	1114399	17.47%	1.383%
27	12.045	1691	1693	1696	rVV	132293	142773	2.24%	0.177%
28	12.086	1696	1700	1702	rVV2	614458	712625	11.17%	0.884%
29	12.110	1702	1704	1708	rVB	472234	368445	5.78%	0.457%
30	12.174	1709	1715	1718	rBV6	54919	87982	1.38%	0.109%
31	12.268	1725	1731	1733	rBV	254993	288214	4.52%	0.358%
32	12.292	1733	1735	1741	rVB3	240237	230112	3.61%	0.285%
33	12.345	1741	1744	1747	rBV	99369	82866	1.30%	0.103%
34	12.421	1754	1757	1759	rVB	168340	138803	2.18%	0.172%

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Misc :
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Instrument : BNA_F
ClientSampleId : 4-C

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 >
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.451	1759	1762	1764	rBV	133096	96532	1.51%	0.120%
36	12.474	1764	1766	1768	rVB	130465	96449	1.51%	0.120%
37	12.527	1771	1775	1777	rBV	355013	357024	5.60%	0.443%
38	12.563	1777	1781	1783	rVV2	215622	256138	4.02%	0.318%
39	12.610	1786	1789	1794	rBV2	207068	243523	3.82%	0.302%
40	12.686	1799	1802	1806	rVB	1462287	1154084	18.10%	1.432%
41	12.780	1816	1818	1821	rBV	207268	169903	2.66%	0.211%
42	12.810	1821	1823	1826	rVB2	132542	116743	1.83%	0.145%
43	12.916	1836	1841	1847	rBV	1969377	1976984	31.00%	2.453%
44	12.974	1847	1851	1854	rVB3	95474	140619	2.20%	0.174%
45	13.063	1862	1866	1869	rBV	6775927	5872130	92.08%	7.285%
46	13.133	1872	1878	1885	rBV	237935	394220	6.18%	0.489%
47	13.221	1890	1893	1894	rBV3	172903	171986	2.70%	0.213%
48	13.245	1894	1897	1900	rVB	290371	289222	4.54%	0.359%
49	13.310	1906	1908	1911	rVB	178686	161694	2.54%	0.201%
50	13.351	1911	1915	1917	rBV	363633	318527	4.99%	0.395%
51	13.374	1917	1919	1922	rVB	137505	122211	1.92%	0.152%
52	13.445	1927	1931	1933	rVV	252504	237473	3.72%	0.295%
53	13.474	1933	1936	1939	rVB	301884	261294	4.10%	0.324%
54	13.563	1945	1951	1954	rBV6	43629	77461	1.21%	0.096%
55	13.751	1977	1983	1988	rBV2	193875	266789	4.18%	0.331%
56	13.868	1997	2003	2005	rBV2	165695	277932	4.36%	0.345%
57	13.898	2005	2008	2010	rVV	172372	157164	2.46%	0.195%
58	13.957	2014	2018	2024	rVB2	1074768	1024828	16.07%	1.271%
59	14.115	2040	2045	2048	rBV2	2536930	3075563	48.23%	3.816%
60	14.145	2048	2050	2057	rVB	816748	715163	11.21%	0.887%
61	14.280	2070	2073	2080	rVB6	106792	176689	2.77%	0.219%
62	14.468	2102	2105	2107	rBV	88062	83106	1.30%	0.103%
63	14.504	2107	2111	2114	rVV	303439	340012	5.33%	0.422%
64	14.539	2114	2117	2120	rVV	219560	193788	3.04%	0.240%
65	14.592	2121	2126	2130	rVV3	230475	334957	5.25%	0.416%
66	14.633	2130	2133	2135	rVV	118040	138636	2.17%	0.172%
67	14.657	2135	2137	2140	rVB2	98453	85228	1.34%	0.106%
68	14.910	2177	2180	2183	rBV3	130377	150338	2.36%	0.187%
69	14.992	2190	2194	2197	rBV	350960	362080	5.68%	0.449%
70	15.080	2207	2209	2215	rVB4	66523	75398	1.18%	0.094%
71	15.180	2220	2226	2229	rBV2	405619	693577	10.88%	0.860%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : 4-C

Integration Parameters: rteint.p
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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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72	15.268	2237	2241	2243	rBV2	103196	129159	2.03%	0.160%
73	15.498	2276	2280	2286	rVB	308346	380876	5.97%	0.473%
74	15.557	2286	2290	2296	rVB	390287	490155	7.69%	0.608%
75	15.627	2297	2302	2306	rBV2	1875089	2463053	38.62%	3.056%
76	15.668	2306	2309	2314	rVB4	166369	267061	4.19%	0.331%
77	16.133	2383	2388	2392	rBV2	109432	196175	3.08%	0.243%
78	16.180	2392	2396	2406	rVB6	146573	318182	4.99%	0.395%
79	16.674	2476	2480	2484	rBV3	47962	88467	1.39%	0.110%
80	17.151	2556	2561	2569	rVB2	130715	270365	4.24%	0.335%
81	17.615	2635	2640	2649	rVB	114923	228337	3.58%	0.283%

Sum of corrected areas: 80602520

LSC Report - Integrated Chromatogram

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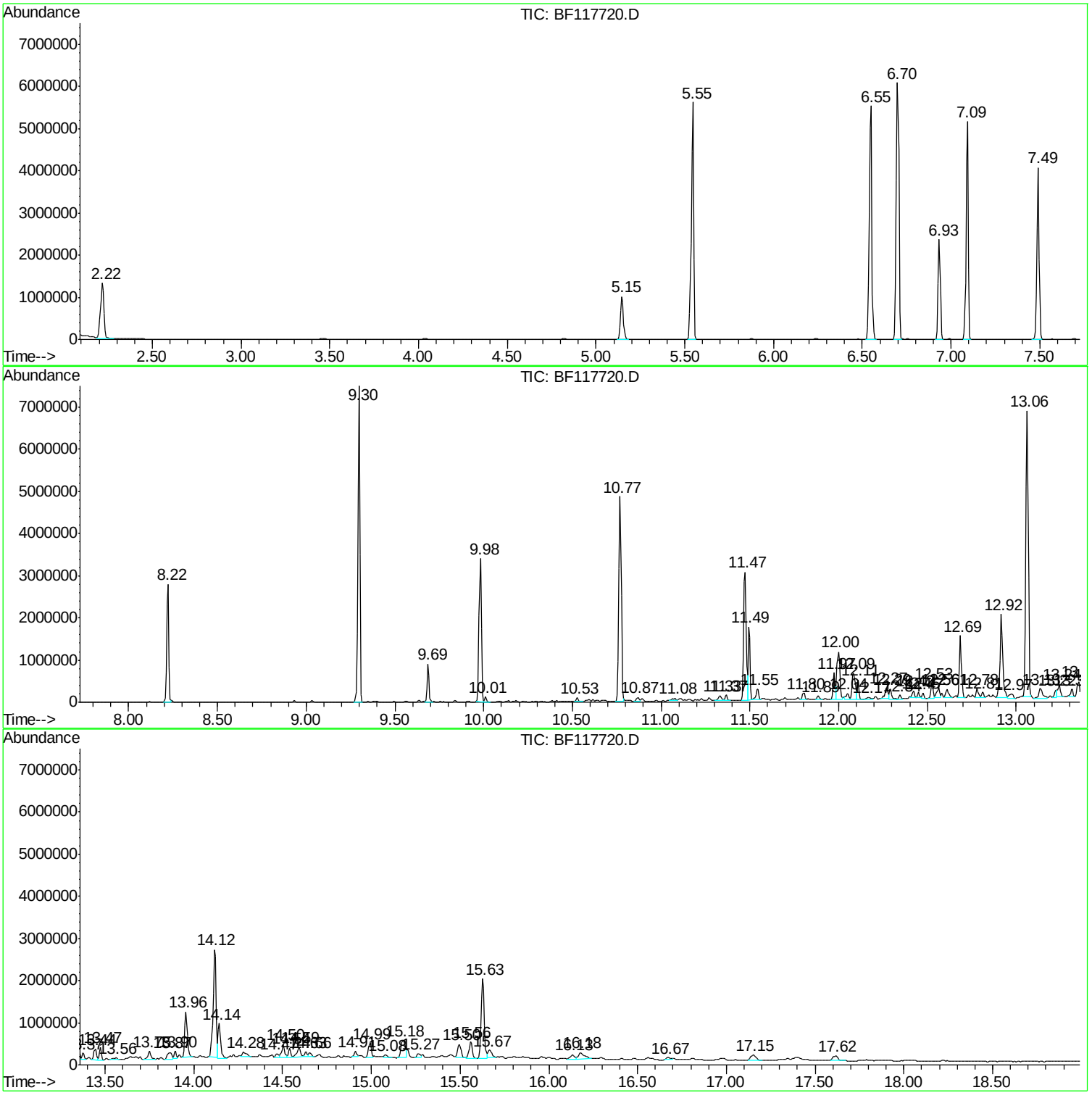
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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\BF110719\
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Acq On : 7 Nov 2019 22:15
Operator : JU
Sample : K5722-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

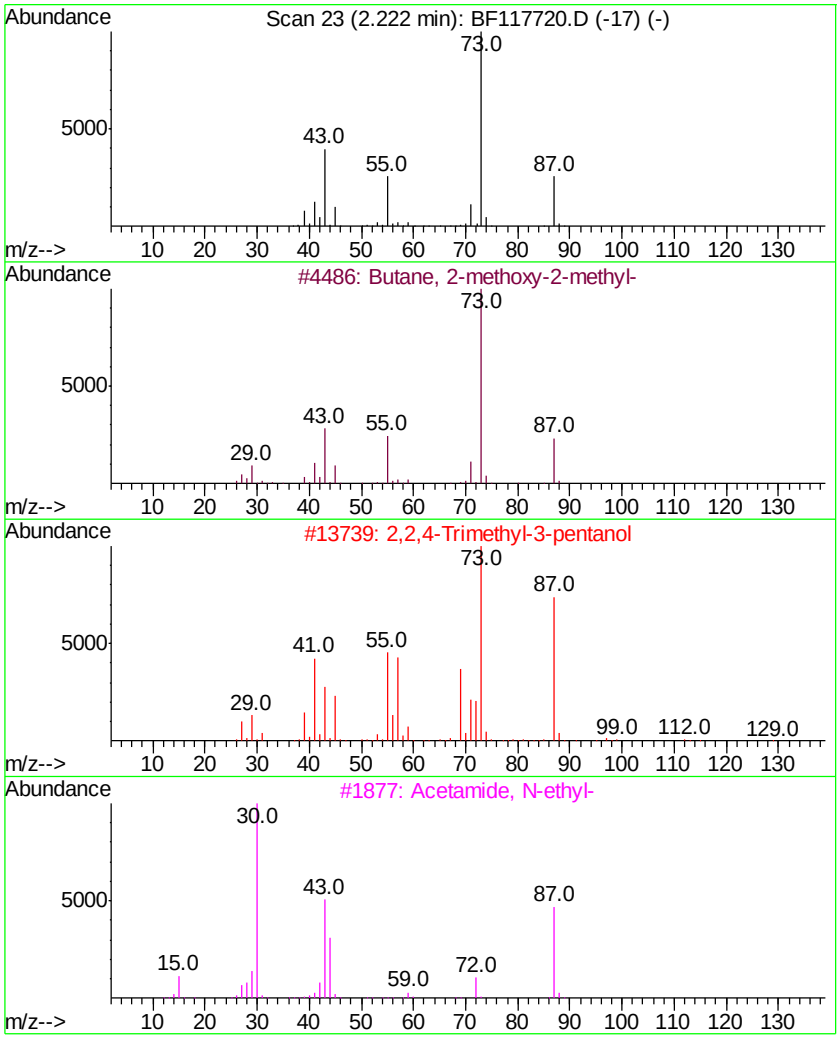
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

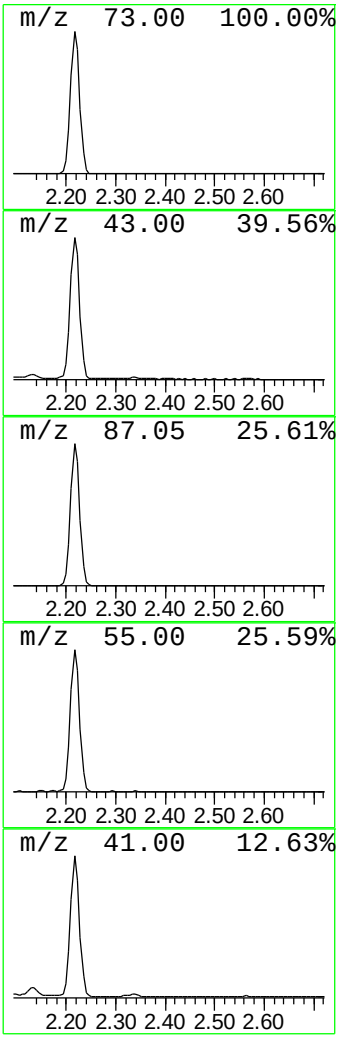
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	18.86 ng	1718610	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Acq On : 7 Nov 2019 22:15
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Sample : K5722-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

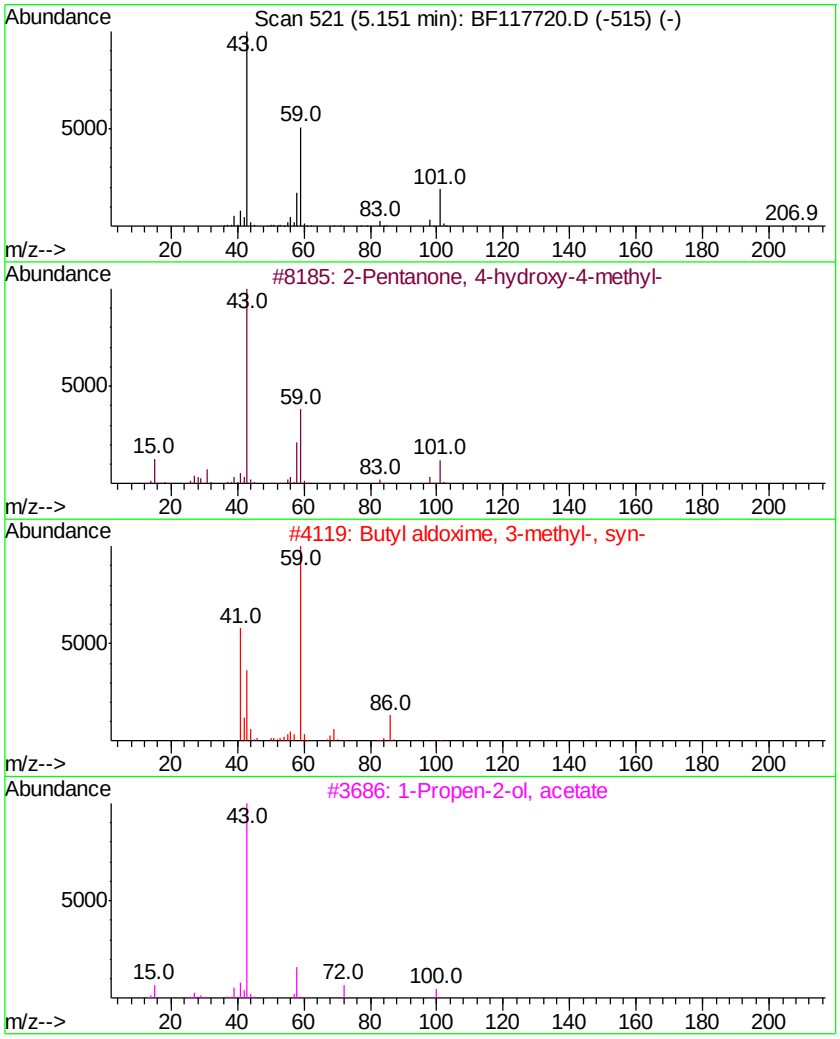
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

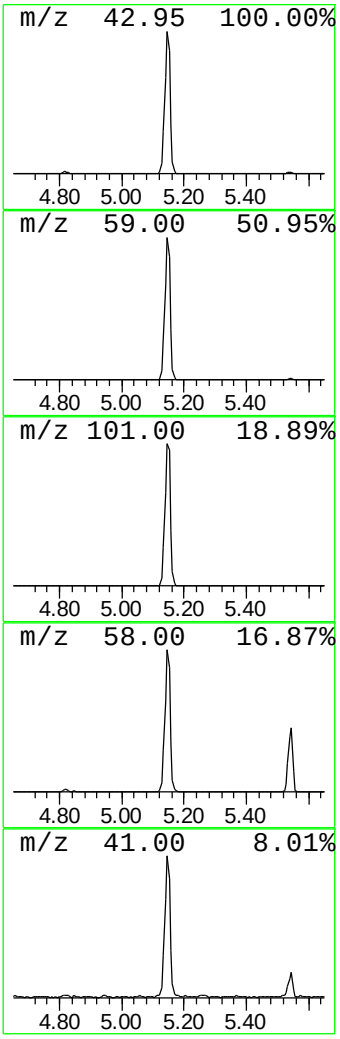
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	13.14 ng	1197910	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9





Library Search Compound Report

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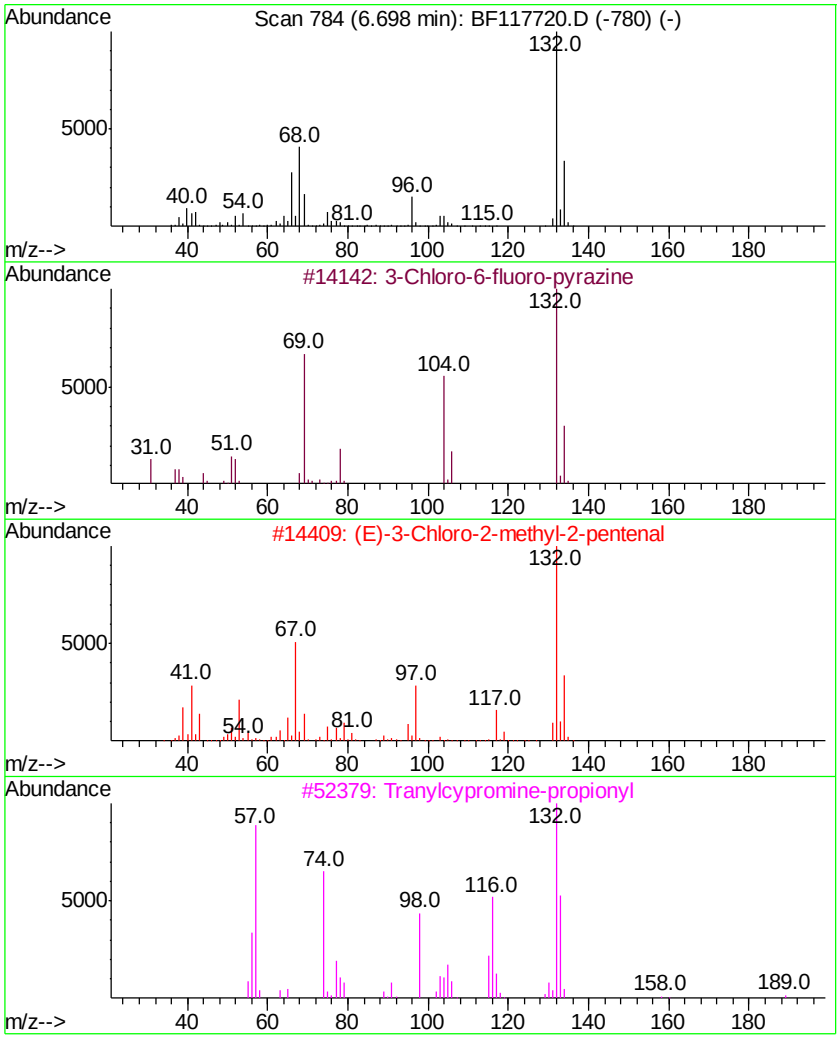
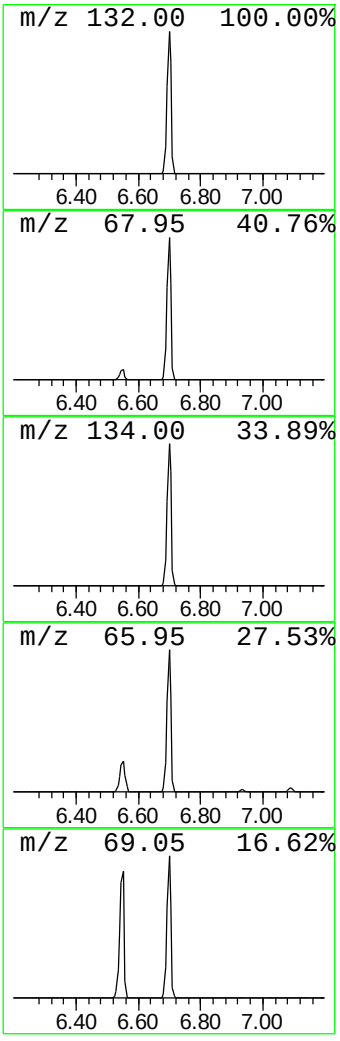
Peak Number 3 unknown6.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	63.39 ng	5776970	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9





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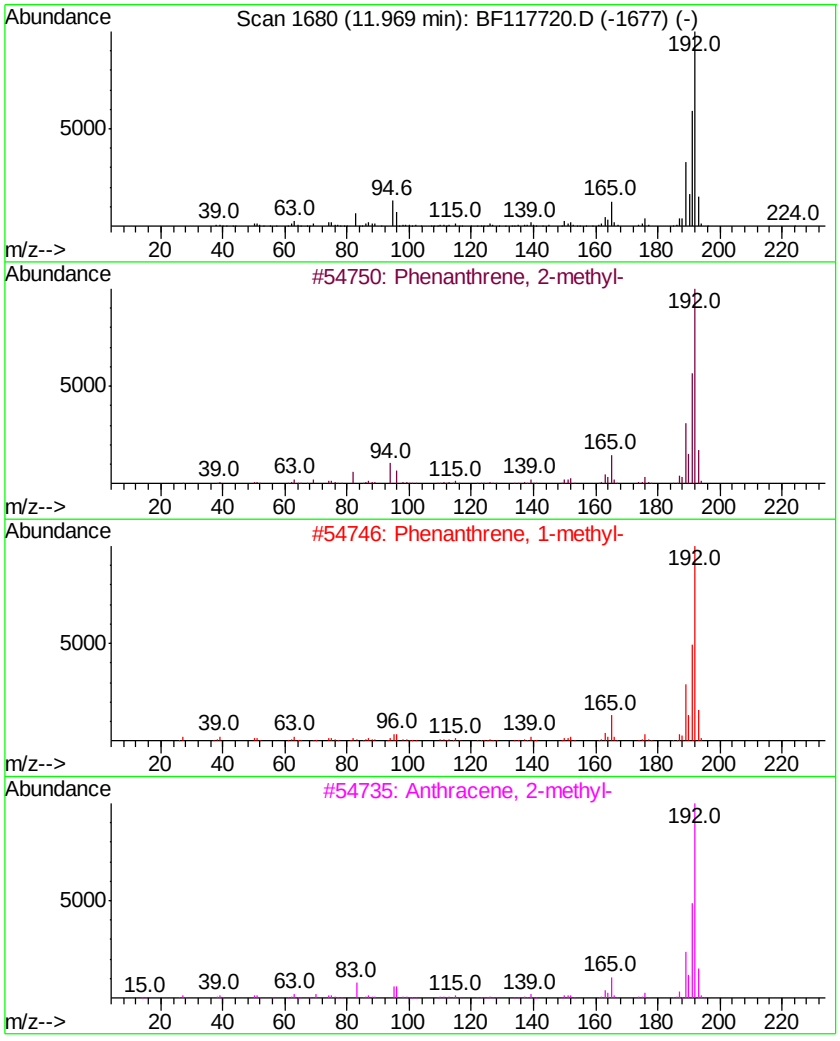
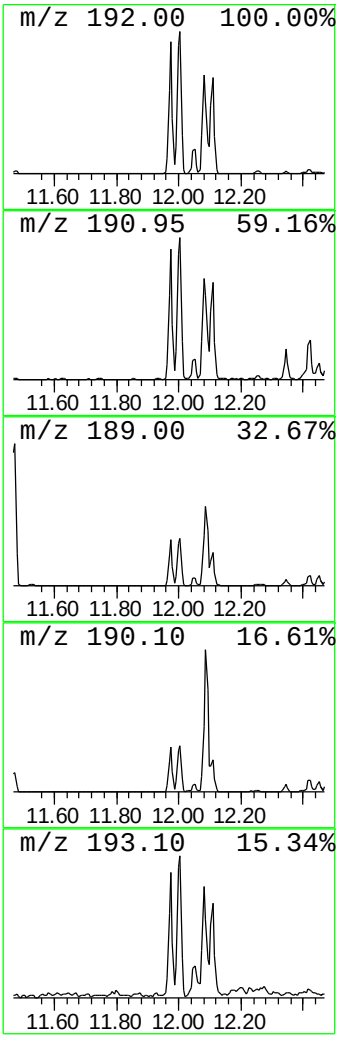
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	4.19 ng	617711	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

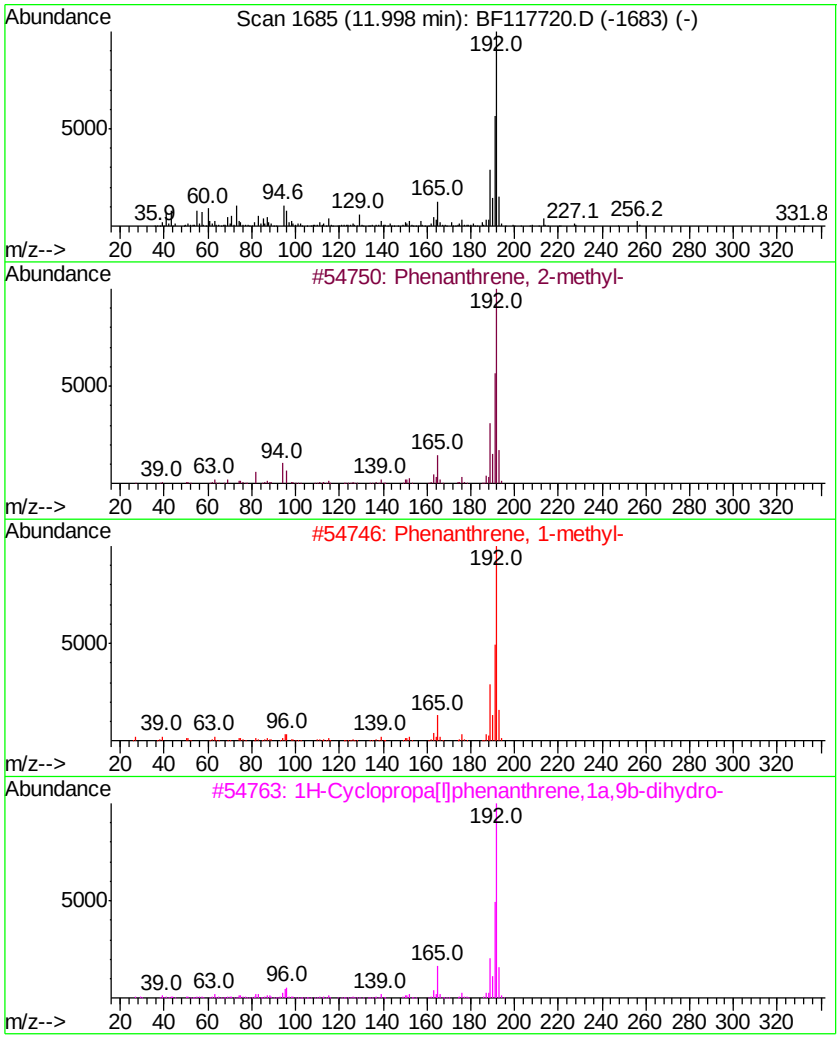
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

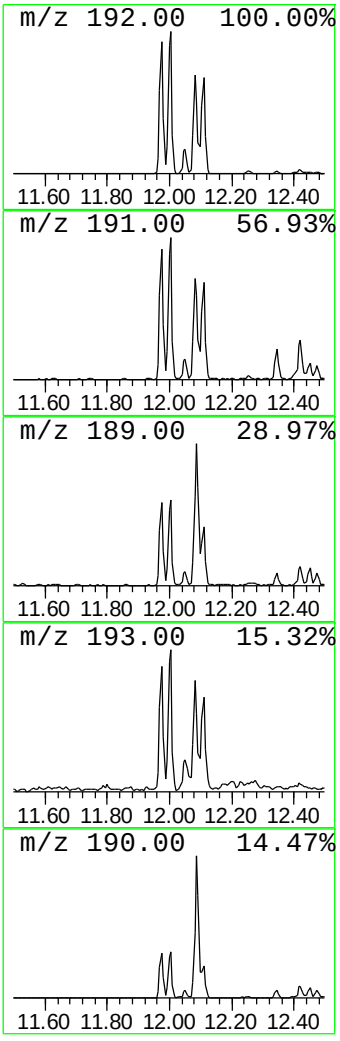
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	7.56 ng	1114400	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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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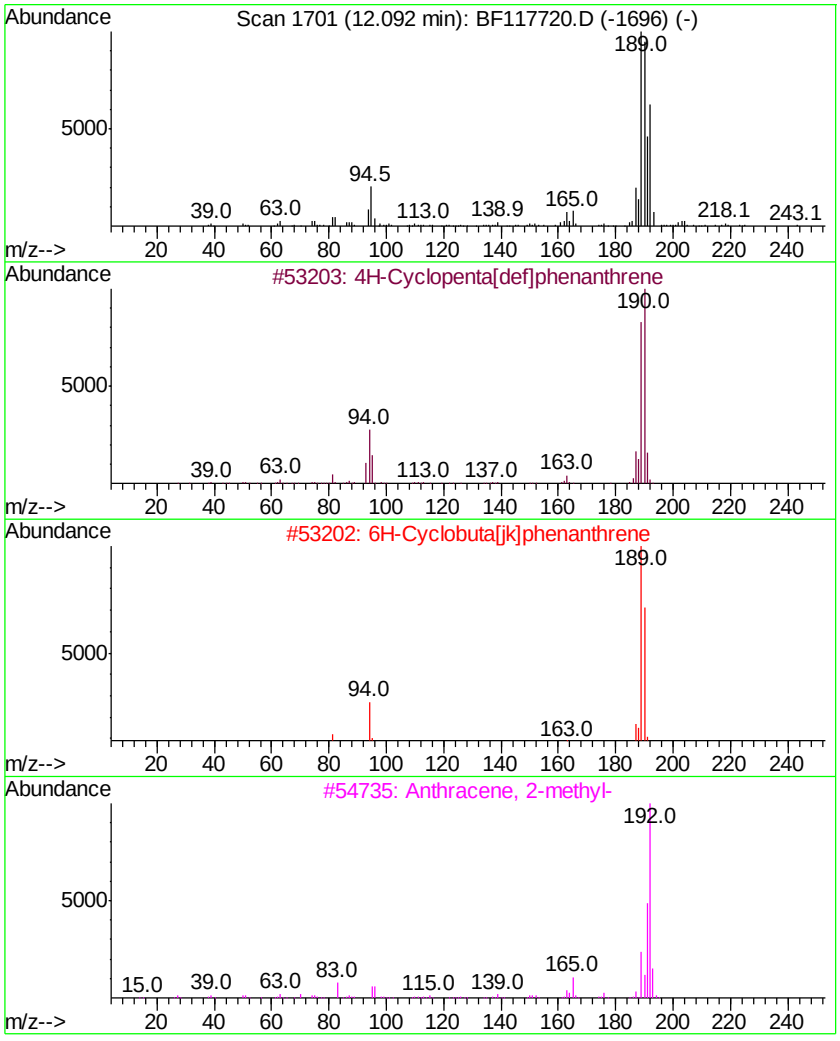
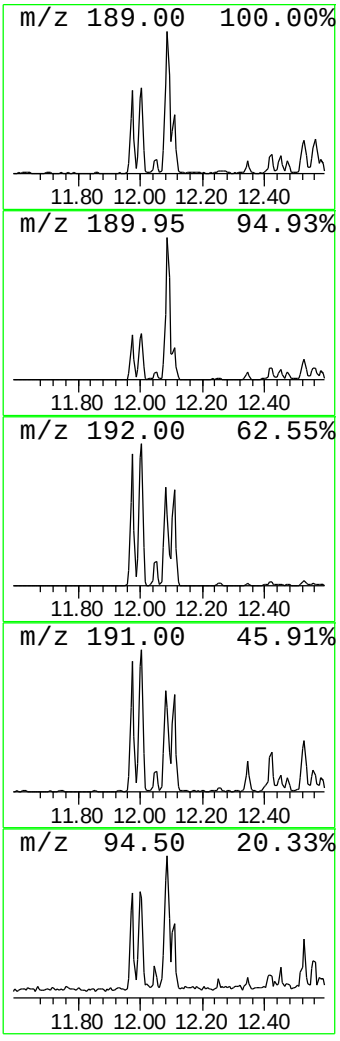
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	4.83 ng	712625	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42





Library Search Compound Report

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Data File : BF117720.D
Acq On : 7 Nov 2019 22:15
Operator : JU
Sample : K5722-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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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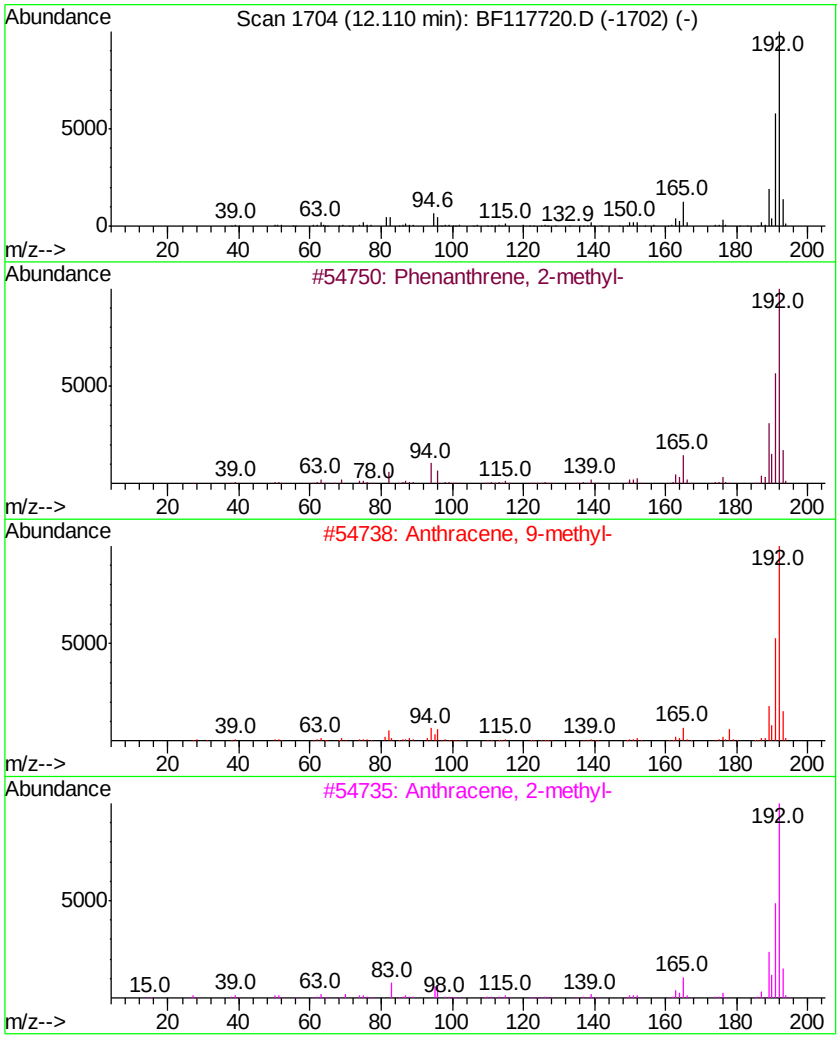
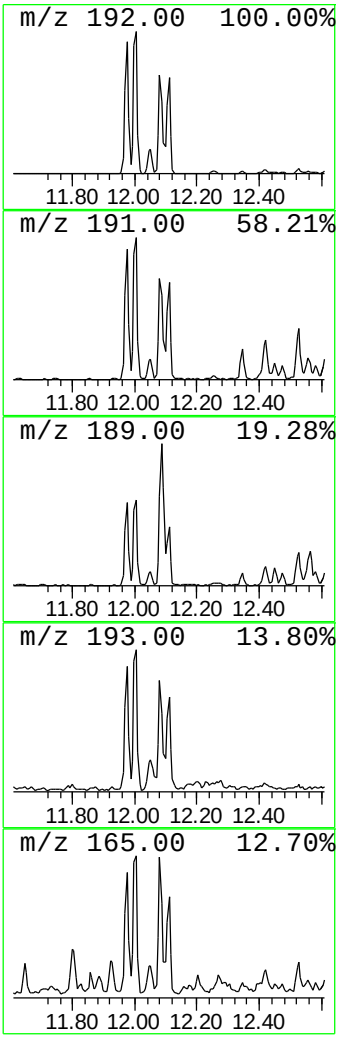
Peak Number 8 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	2.50 ng	368445	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-C

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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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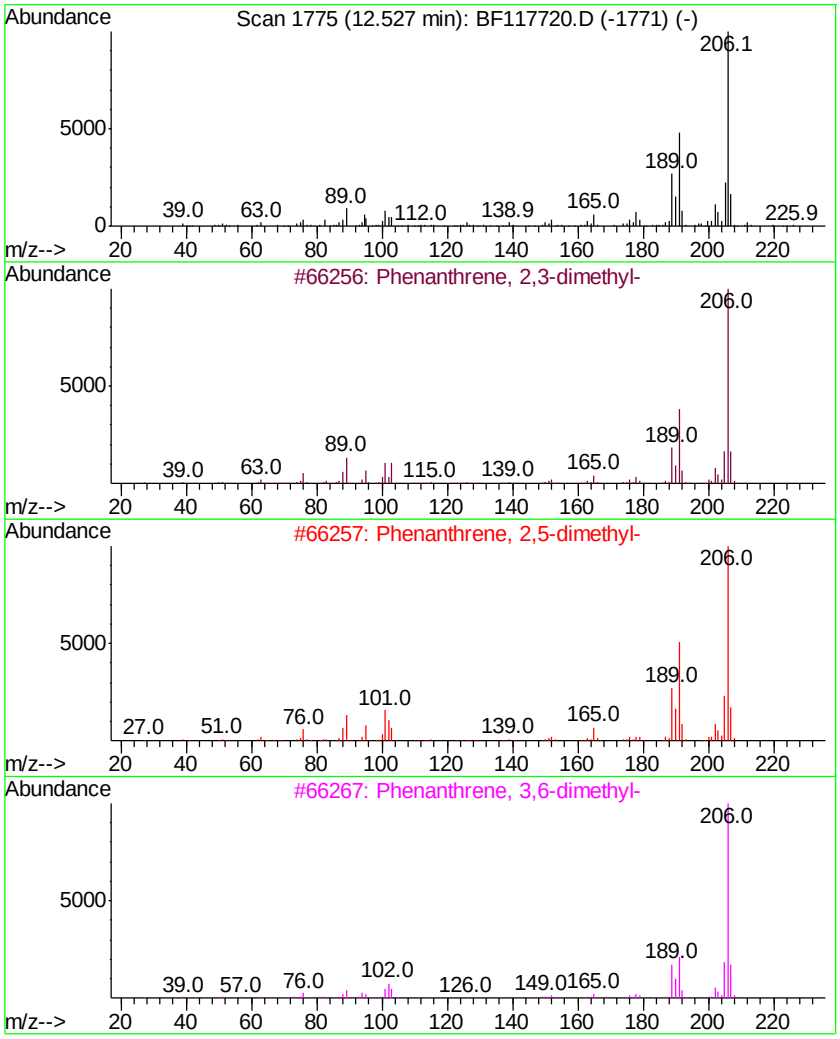
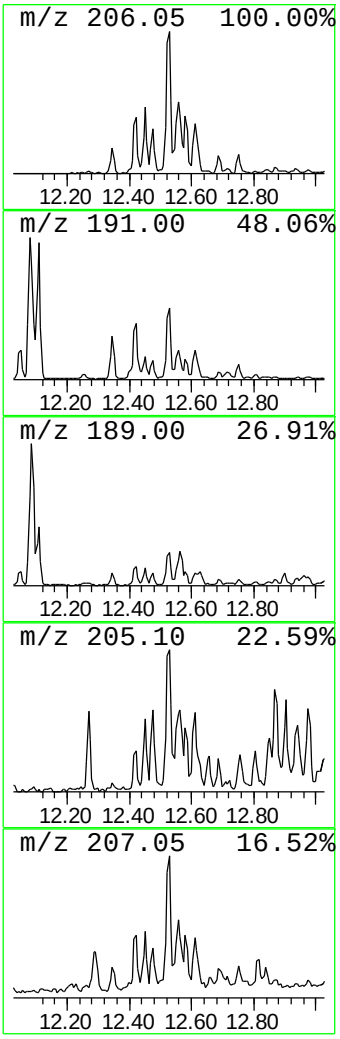
Peak Number 9 Phenanthrene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.42 ng	357024	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





Library Search Compound Report

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Operator : JU
Sample : K5722-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-C

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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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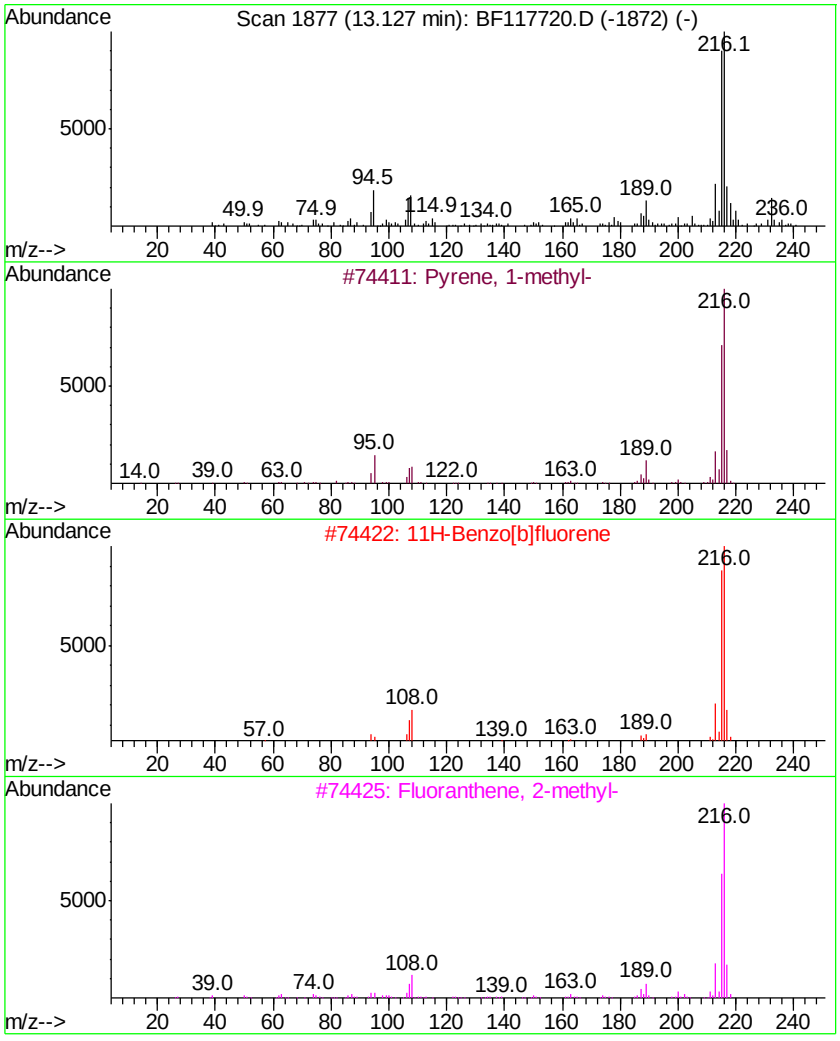
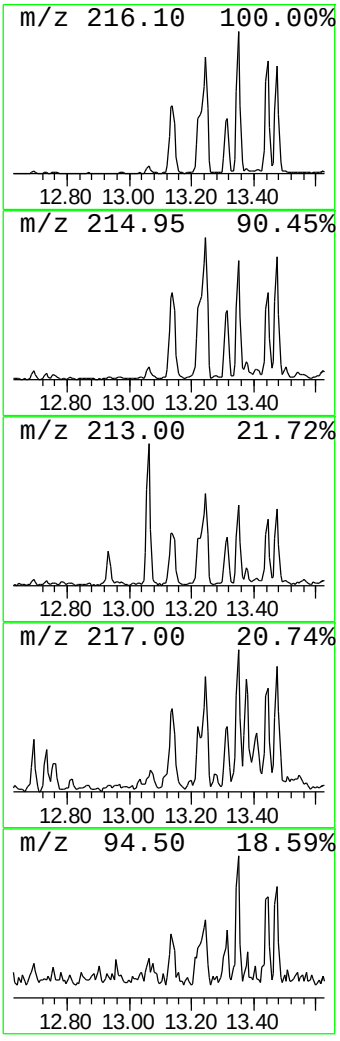
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.56 ng	394220	Chrysene-d12	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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Data File : BF117720.D
Acq On : 7 Nov 2019 22:15
Operator : JU
Sample : K5722-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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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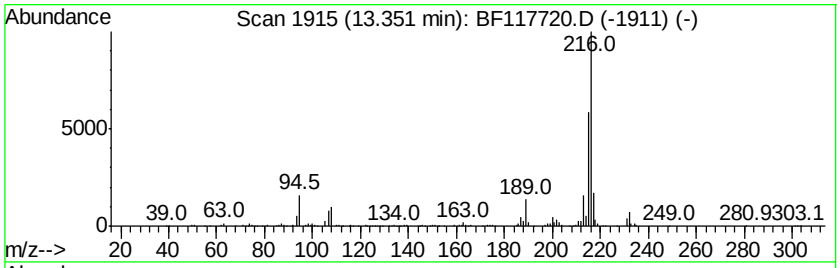
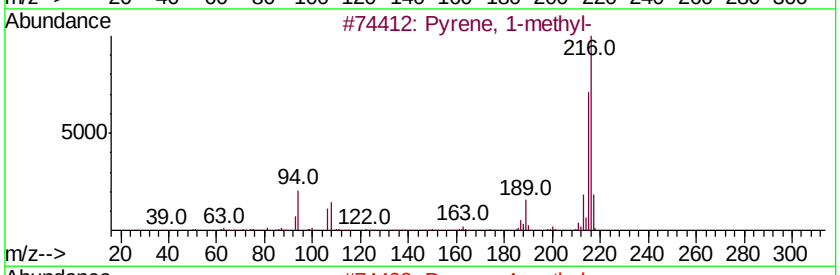
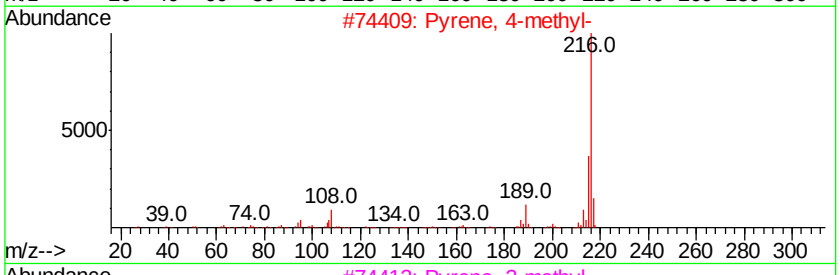
Peak Number 11 Pyrene, 4-methyl- Concentration Rank 18

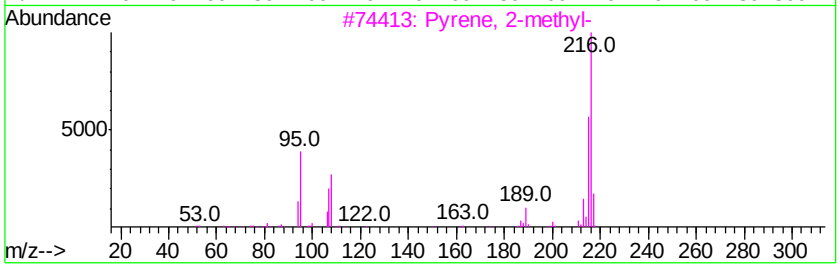
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	2.07 ng	318527	Chrysene-d12	14.12

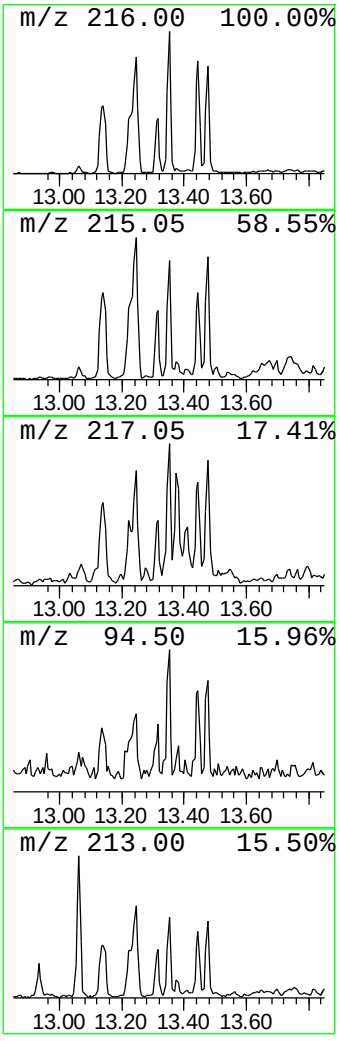
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90











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Acq On : 7 Nov 2019 22:15
Operator : JU
Sample : K5722-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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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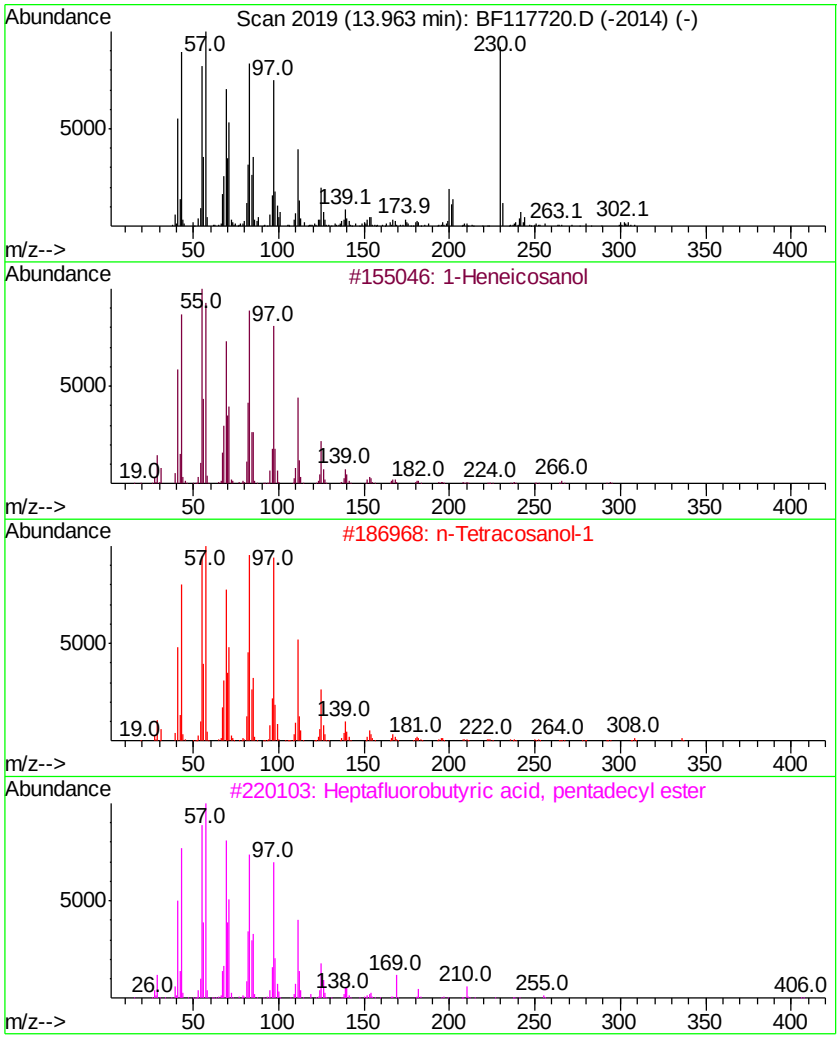
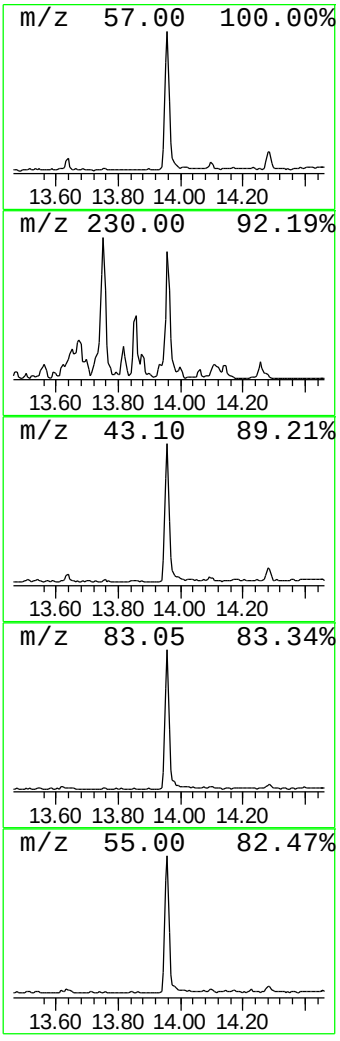
Peak Number 12 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	6.66 ng	1024830	Chrysene-d12	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93





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Acq On : 7 Nov 2019 22:15
Operator : JU
Sample : K5722-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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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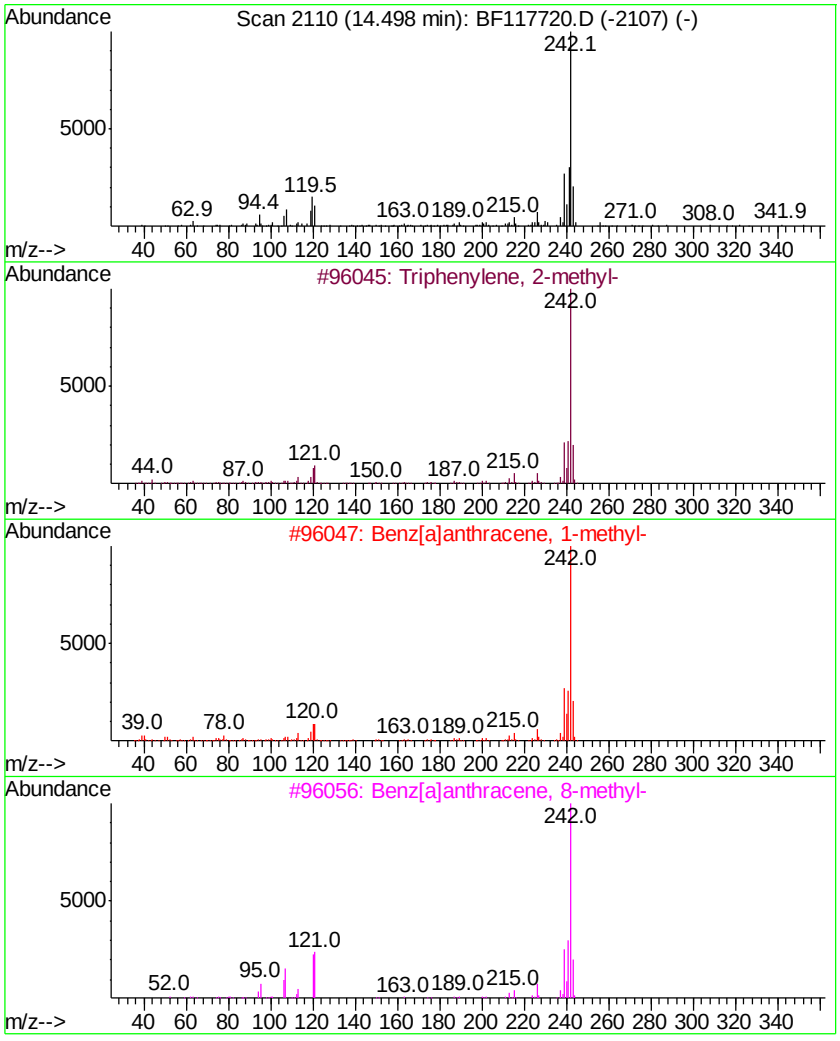
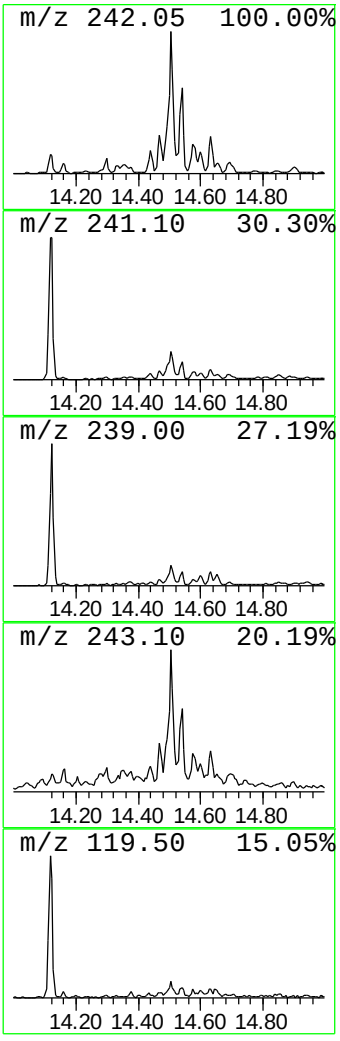
Peak Number 13 Triphenylene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.21 ng	340012	Chrysene-d12	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
2	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	86
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	83
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	83
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	83





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Operator : JU
Sample : K5722-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-C

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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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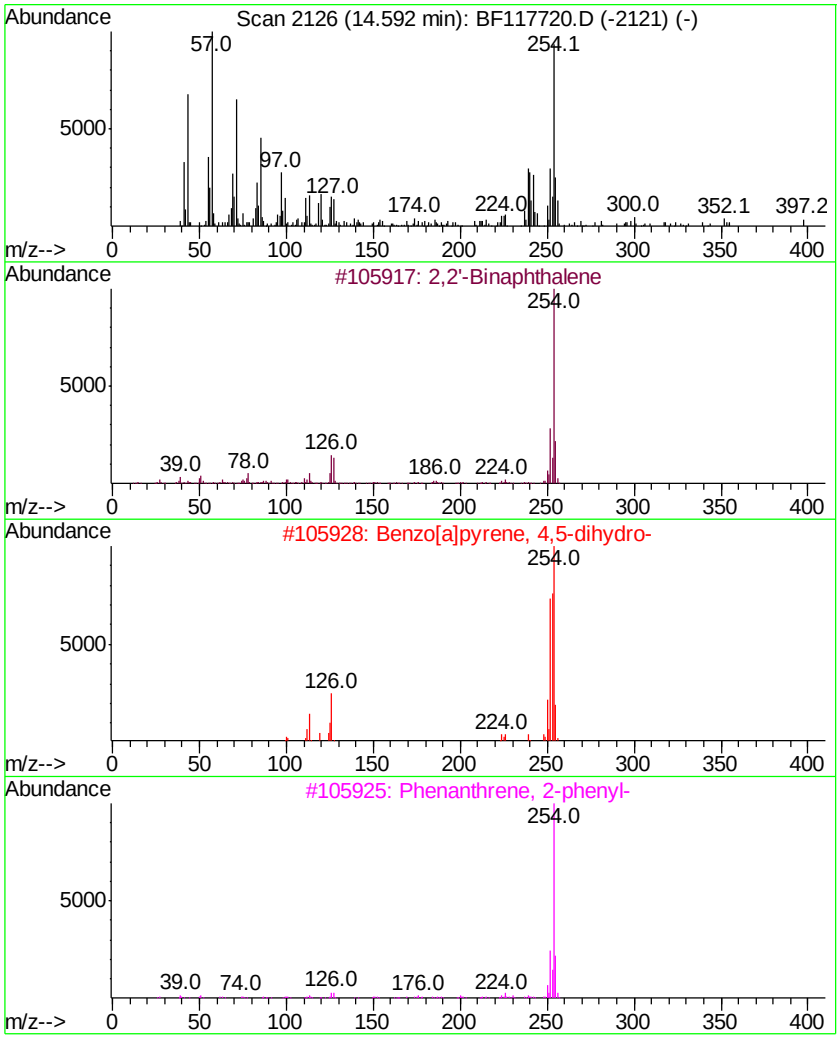
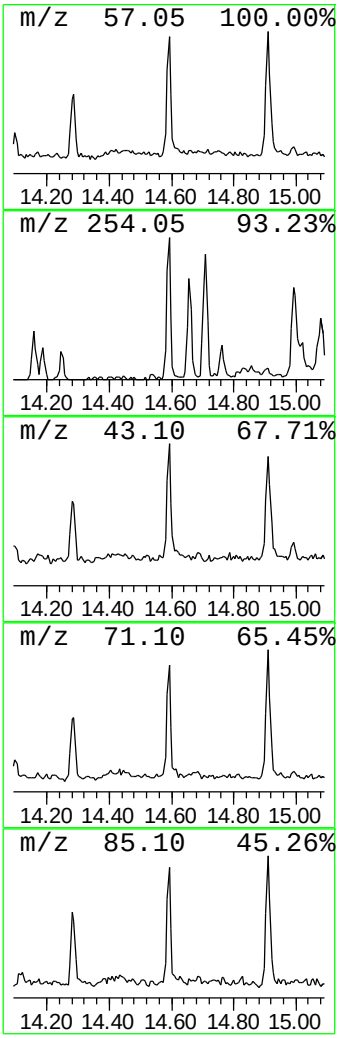
Peak Number 14 unknown14.59 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	2.18 ng	334957	Chrysene-d12	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Binaphthalene	254	C20H14	000612-78-2	38
2	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	35
3	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	30
4	Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	30
5	Fluorene, 9-(2-pyridinyl)methylene-	255	C19H13N	002871-27-4	30





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-C

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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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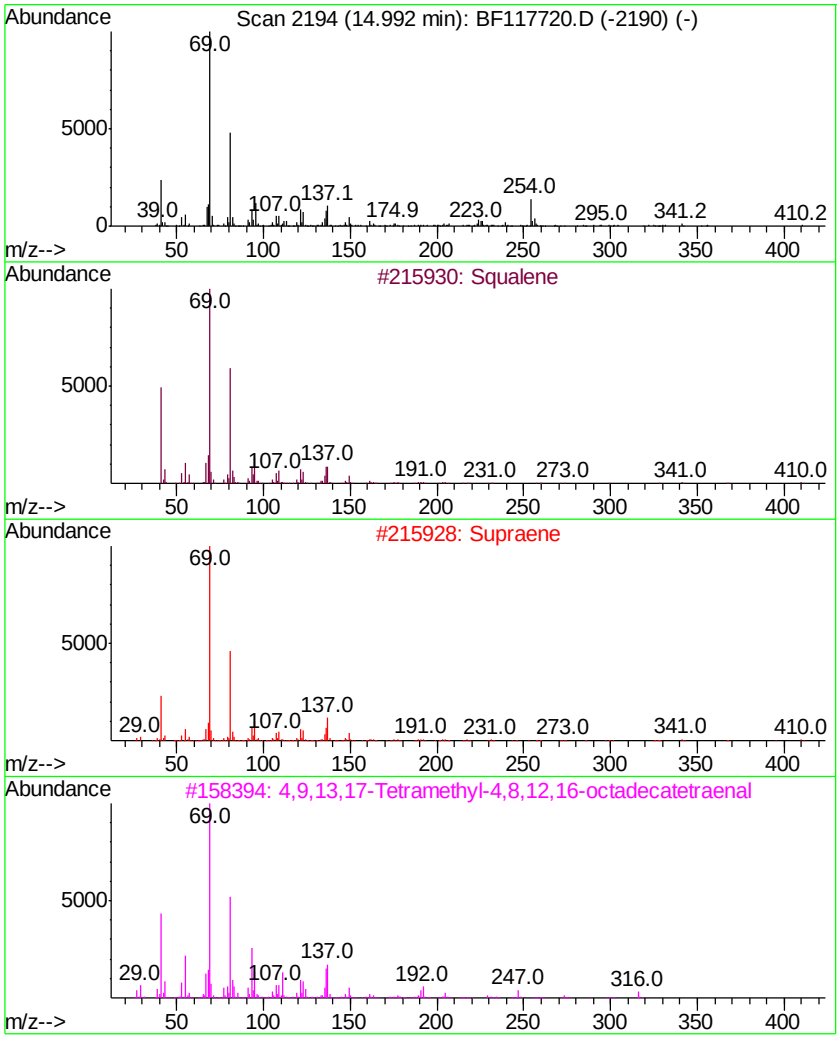
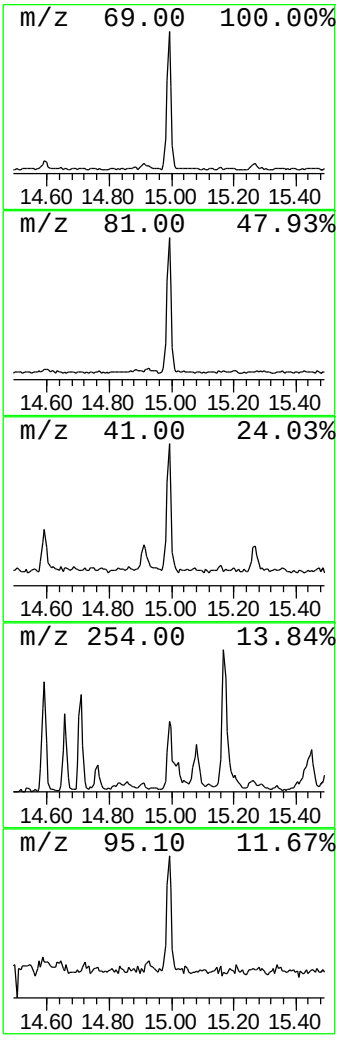
Peak Number 15 Squalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	2.94 ng	362080	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	99
2	Supraene	410	C30H50	007683-64-9	99
3	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	64
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	59
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	59





Library Search Compound Report

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Misc :
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ClientSampleId : 4-C

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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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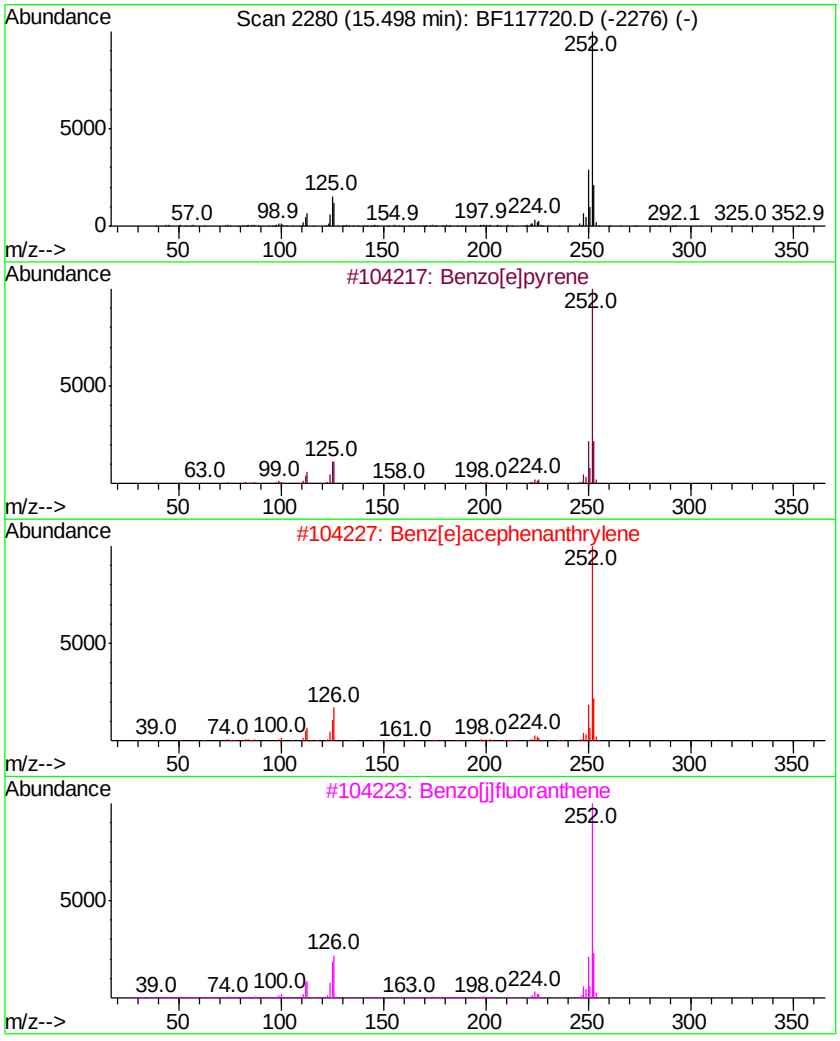
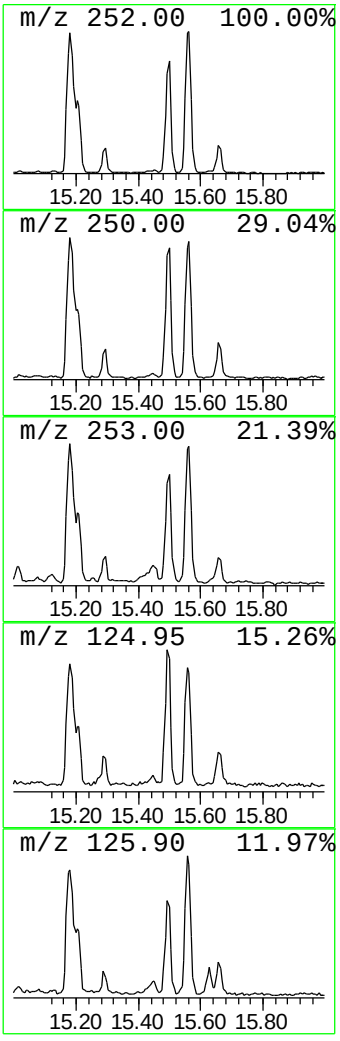
Peak Number 16 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	3.09 ng	380876	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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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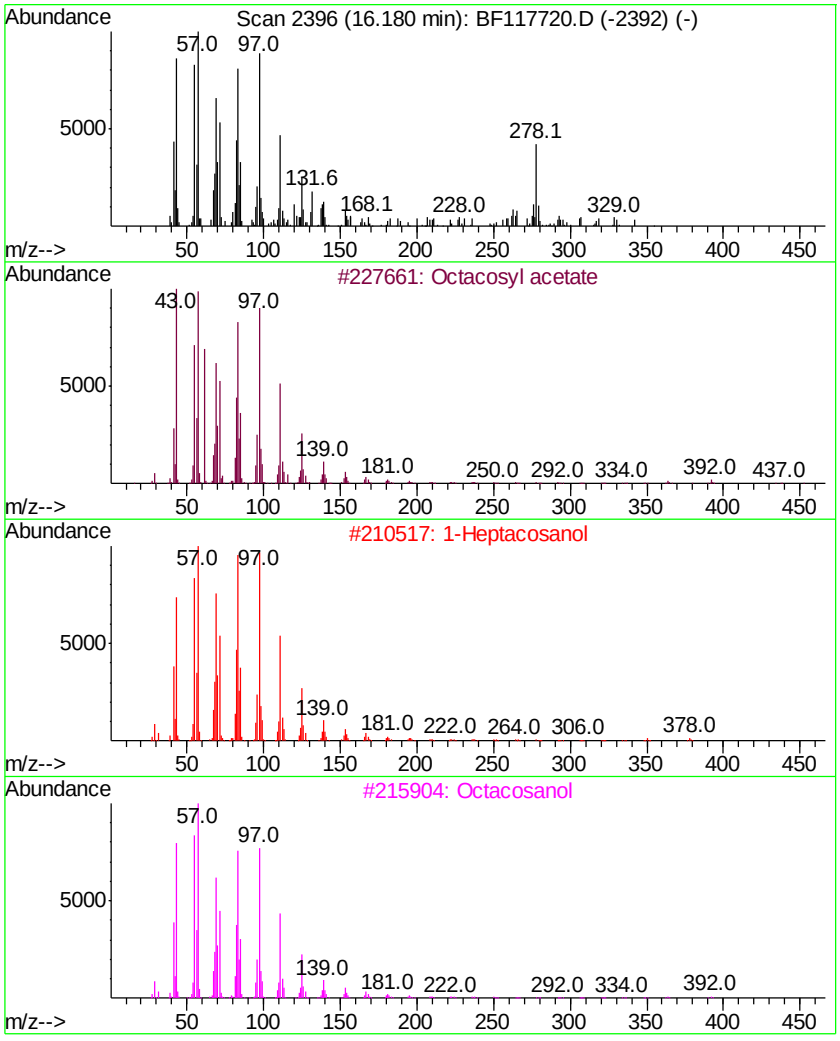
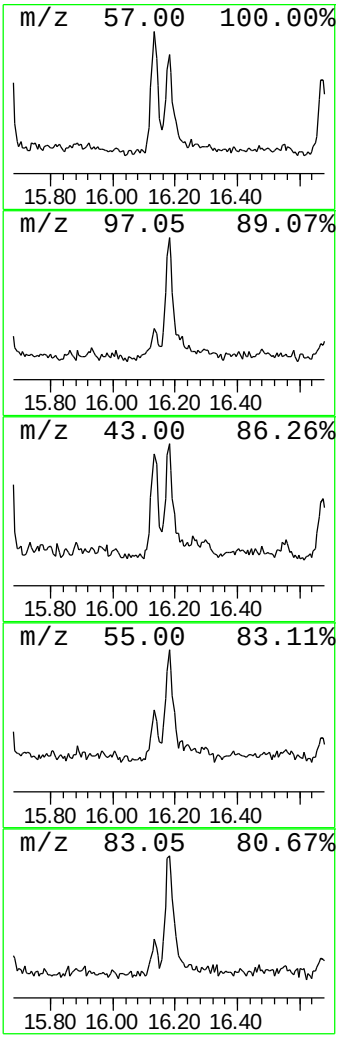
Peak Number 17 Octacosyl acetate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	2.58 ng	318182	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl acetate	452	C30H60O2	018206-97-8	93
2	1-Heptacosanol	396	C27H56O	002004-39-9	93
3	Octacosanol	410	C28H58O	000557-61-9	93
4	Heptacosyl acetate	438	C29H58O2	1000351-78-2	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	76





Tentatively Identified Compound (LSC) summary

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Data File : BF117720.D
Acq On : 7 Nov 2019 22:15
Operator : JU
Sample : K5722-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.22	18.9	ng	1718610	1	6.93	1822750	20.0
2-Pentanone, 4-hy...	5.15	13.1	ng	1197910	1	6.93	1822750	20.0
unknown6.70	6.70	63.4	ng	5776970	1	6.93	1822750	20.0
Phenanthrene, 2-m...	11.97	4.2	ng	617711	4	11.47	2948450	20.0
Phenanthrene, 1-m...	12.00	7.6	ng	1114400	4	11.47	2948450	20.0
4H-Cyclopenta[def...	12.09	4.8	ng	712625	4	11.47	2948450	20.0
Anthracene, 9-met...	12.11	2.5	ng	368445	4	11.47	2948450	20.0
Phenanthrene, 2,3...	12.53	2.4	ng	357024	4	11.47	2948450	20.0
Pyrene, 1-methyl-	13.13	2.6	ng	394220	5	14.12	3075560	20.0
Pyrene, 4-methyl-	13.35	2.1	ng	318527	5	14.12	3075560	20.0
1-Heneicosanol	13.96	6.7	ng	1024830	5	14.12	3075560	20.0
Triphenylene, 2-m...	14.50	2.2	ng	340012	5	14.12	3075560	20.0
unknown14.59	14.59	2.2	ng	334957	5	14.12	3075560	20.0
Squalene	14.99	2.9	ng	362080	6	15.63	2463050	20.0
Benzo[e]pyrene	15.50	3.1	ng	380876	6	15.63	2463050	20.0
Octacosyl acetate	16.18	2.6	ng	318182	6	15.63	2463050	20.0