LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113019.D
Acq On : 12 Mar 2019 22:55
Operator : JU/SJ
Sample : K1847-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-5-031119

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-BF022719.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	5.346	549	554	557	rBV	3124637	3045188	81.94%	7.865%
2	6.369	723	728	744	rVB	3274793	3520719	94.74%	9.093%
3	6.498	746	750	754	rBV	3387538	3338254	89.83%	8.622%
4	6.734	786	790	793	rBV	1077215	998350	26.86%	2.579%
5	6.887	812	816	820	rBV	2996924	2600982	69.99%	6.718%
6	7.292	880	885	898	rBV	2027307	2092759	56.31%	5.405%
7	8.010	1004	1007	1014	rBV	1181174	1171525	31.52%	3.026%
8	9.086	1186	1190	1205	rBV	3727563	3716308	100.00%	9.598%
9	9.481	1254	1257	1265	rBV	325174	303365	8.16%	0.784%
10	9.622	1278	1281	1288	rVB	67121	61065	1.64%	0.158%
11	9.763	1301	1305	1314	rBV	1448709	1369160	36.84%	3.536%
12	10.080	1353	1359	1362	rBV4	30993	37638	1.01%	0.097%
13	10.304	1395	1397	1404	rVB4	27402	42840	1.15%	0.111%
14	10.545	1434	1438	1452	rBV	2345485	2419798	65.11%	6.250%
15	10.675	1457	1460	1465	rVB2	41494	44043	1.19%	0.114%
16	10.857	1486	1491	1493	rBV4	30020	42078	1.13%	0.109%
17	11.139	1534	1539	1545	rVB2	33881	58442	1.57%	0.151%
18	11.239	1552	1556	1559	rBV	1424757	1333538	35.88%	3.444%
19	11.263	1559	1560	1567	rVV	335995	239992	6.46%	0.620%
20	11.316	1567	1569	1573	rVB	45665	37462	1.01%	0.097%
21	11.569	1609	1612	1618	rVB	66837	69301	1.86%	0.179%
22	11.651	1621	1626	1631	rVB	45263	63333	1.70%	0.164%
23	11.739	1638	1641	1644	rBV	186898	188949	5.08%	0.488%
24	11.774	1644	1647	1652	rVV2	372414	466628	12.56%	1.205%
25	11.851	1656	1660	1662	rVV	229949	259395	6.98%	0.670%
26	11.874	1662	1664	1669	rVB	164218	153501	4.13%	0.396%
27	12.033	1688	1691	1693	rVV	82299	82250	2.21%	0.212%
28	12.057	1693	1695	1702	rVB2	67792	100254	2.70%	0.259%
29	12.186	1714	1717	1719	rVB	56605	47509	1.28%	0.123%
30	12.216	1719	1722	1724	rVV	101022	82977	2.23%	0.214%
31	12.239	1724	1726	1729	rVB	78138	62913	1.69%	0.162%
32	12.286	1729	1734	1737	rBV	240221	255942	6.89%	0.661%
33	12.322	1737	1740	1742	rVV2	124008	139979	3.77%	0.362%
34	12.345	1742	1744	1746	rVB	87929	66661	1.79%	0.172%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K1847-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-5-031119

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.374	1746	1749	1753	rBV3	82423	111919	3.01%	0.289%
36	12.445	1758	1761	1766	rBV	411739	358831	9.66%	0.927%
37	12.492	1766	1769	1771	rBV	49783	49708	1.34%	0.128%
38	12.539	1775	1777	1779	rBV	53149	45094	1.21%	0.116%
39	12.674	1795	1800	1802	rBV	519789	526744	14.17%	1.360%
40	12.698	1802	1804	1807	rVV	77719	87951	2.37%	0.227%
41	12.733	1807	1810	1813	rVB2	100064	102978	2.77%	0.266%
42	12.821	1821	1825	1828	rBV	3480170	3178490	85.53%	8.209%
43	12.892	1834	1837	1844	rVB2	114200	171759	4.62%	0.444%
44	12.951	1844	1847	1849	rBV3	39161	39391	1.06%	0.102%
45	12.980	1849	1852	1853	rVV2	88783	100461	2.70%	0.259%
46	12.998	1853	1855	1859	rVB	133386	126825	3.41%	0.328%
47	13.045	1859	1863	1864	rBV3	35959	39368	1.06%	0.102%
48	13.069	1864	1867	1870	rVV2	82676	82655	2.22%	0.213%
49	13.104	1870	1873	1881	rVB	146073	152766	4.11%	0.395%
50	13.198	1886	1889	1891	rVV	104842	101867	2.74%	0.263%
51	13.227	1891	1894	1898	rVB	113552	101886	2.74%	0.263%
52	13.310	1904	1908	1912	rVB6	30942	51866	1.40%	0.134%
53	13.404	1921	1924	1930	rVB4	51657	68270	1.84%	0.176%
54	13.504	1939	1941	1946	rVB	72206	91675	2.47%	0.237%
55	13.616	1955	1960	1963	rBV3	77712	130795	3.52%	0.338%
56	13.721	1974	1978	1986	rVB2	187703	294103	7.91%	0.760%
57	13.863	1997	2002	2005	rBV2	1327435	1559657	41.97%	4.028%
58	13.886	2005	2006	2013	rVB	256508	238628	6.42%	0.616%
59	14.010	2024	2027	2029	rBV	34718	38584	1.04%	0.100%
60	14.045	2031	2033	2039	rVB	66191	65252	1.76%	0.169%
61	14.121	2043	2046	2049	rVB4	43786	39320	1.06%	0.102%
62	14.251	2064	2068	2071	rBV	105866	116533	3.14%	0.301%
63	14.286	2071	2074	2076	rVB	60961	55594	1.50%	0.144%
64	14.345	2082	2084	2087	rBV2	81808	68964	1.86%	0.178%
65	14.639	2130	2134	2142	rBV2	85794	140326	3.78%	0.362%
66	14.874	2170	2174	2181	rBV	118897	218882	5.89%	0.565%
67	14.957	2185	2188	2196	rVB3	78124	116520	3.14%	0.301%
68	15.151	2218	2221	2227	rVB	87085	105843	2.85%	0.273%
69	15.210	2227	2231	2236	rBV	109954	138043	3.71%	0.357%
70	15.268	2236	2241	2246	rVV	769657	1007892	27.12%	2.603%
71	15.310	2246	2248	2253	rVB3	95500	123162	3.31%	0.318%

LSC Area Percent Report

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Sample : K1847-18
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-7B-C-5-031119

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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72	15.715	2314	2317	2321	rBV3	59206	79242	2.13%	0.205%
73	16.633	2469	2473	2481	rVB3	37408	76679	2.06%	0.198%

Sum of corrected areas: 38717621

LSC Report - Integrated Chromatogram

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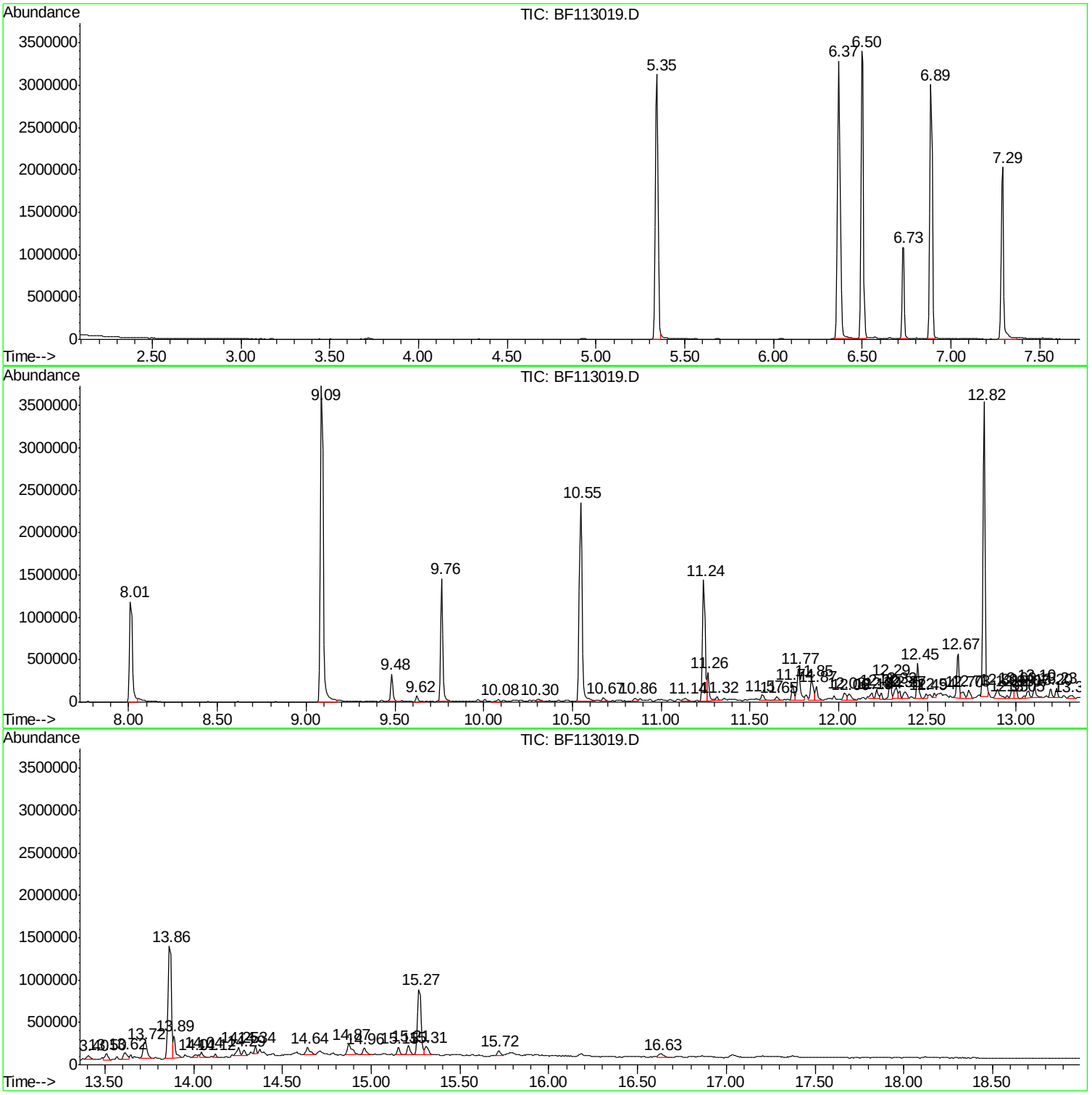
Sample : K1847-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-5-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF031219\
Data File : BF113019.D
Acq On : 12 Mar 2019 22:55
Operator : JU/SJ
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Instrument : BNA_F
ClientSampleId : SUP-7B-C-5-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

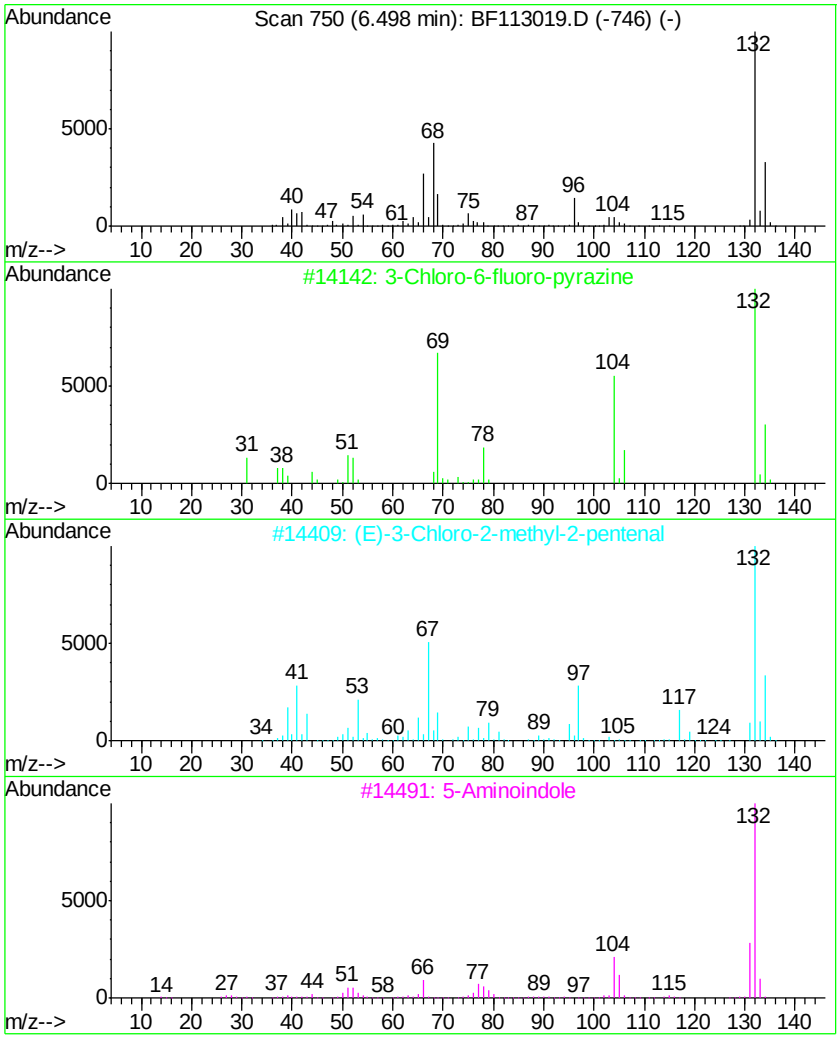
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

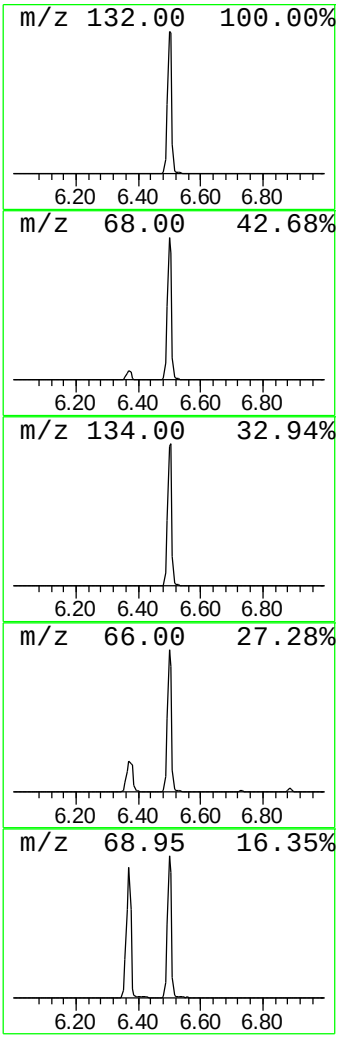
****

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	66.88 ng	3338250	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Amphetaminil	250	C17H18N2	017590-01-1	10





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Instrument : BNA_F
ClientSampleId : SUP-7B-C-5-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

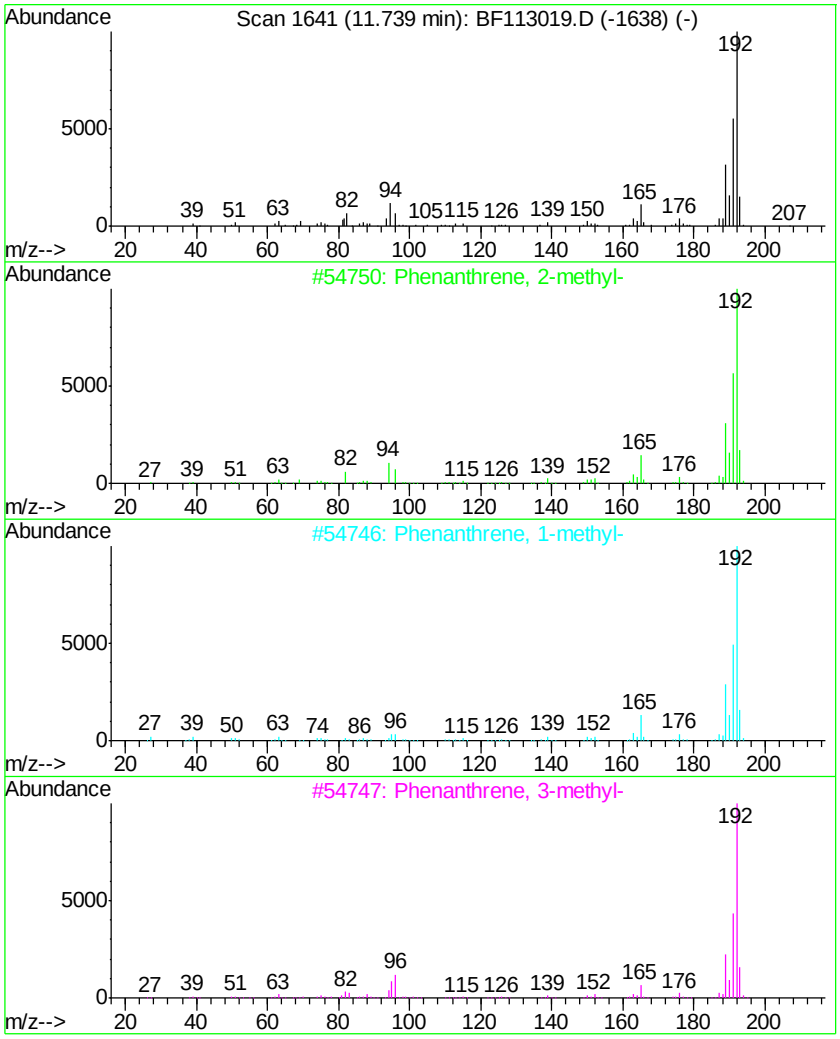
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

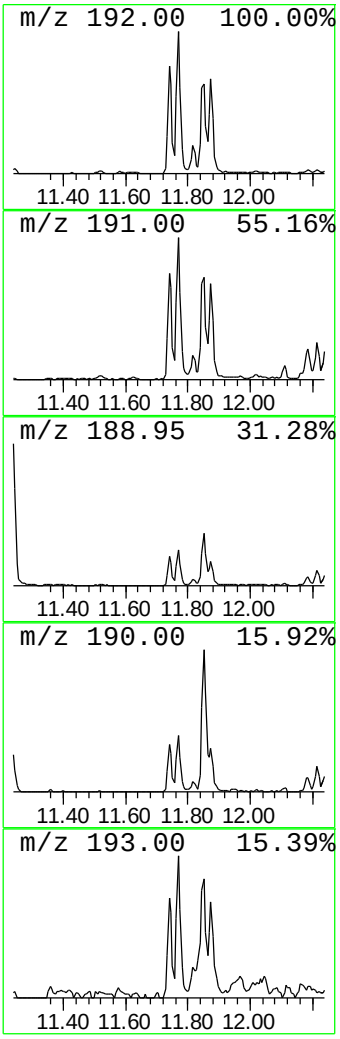
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	2.83 ng	188949	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-5-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

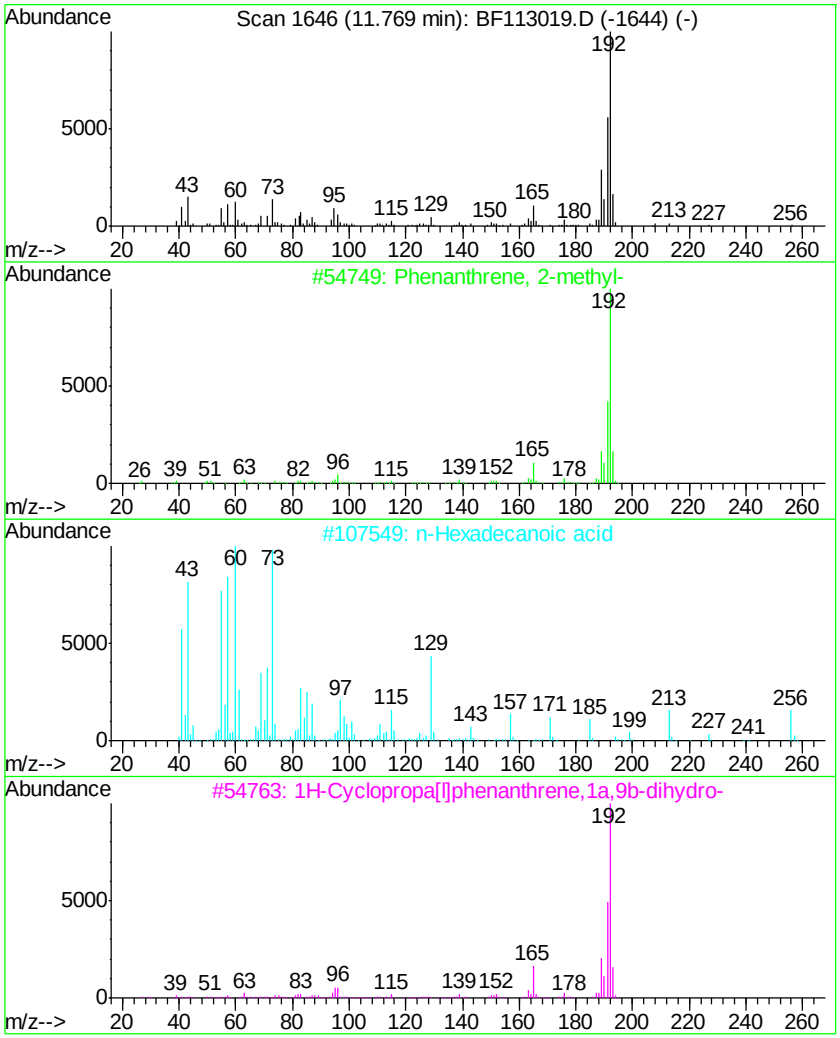
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

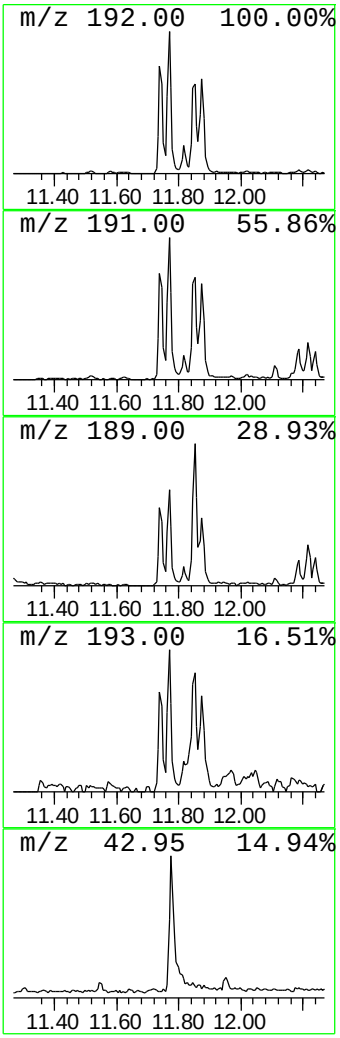
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	7.00 ng	466628	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	89





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ClientSampleId : SUP-7B-C-5-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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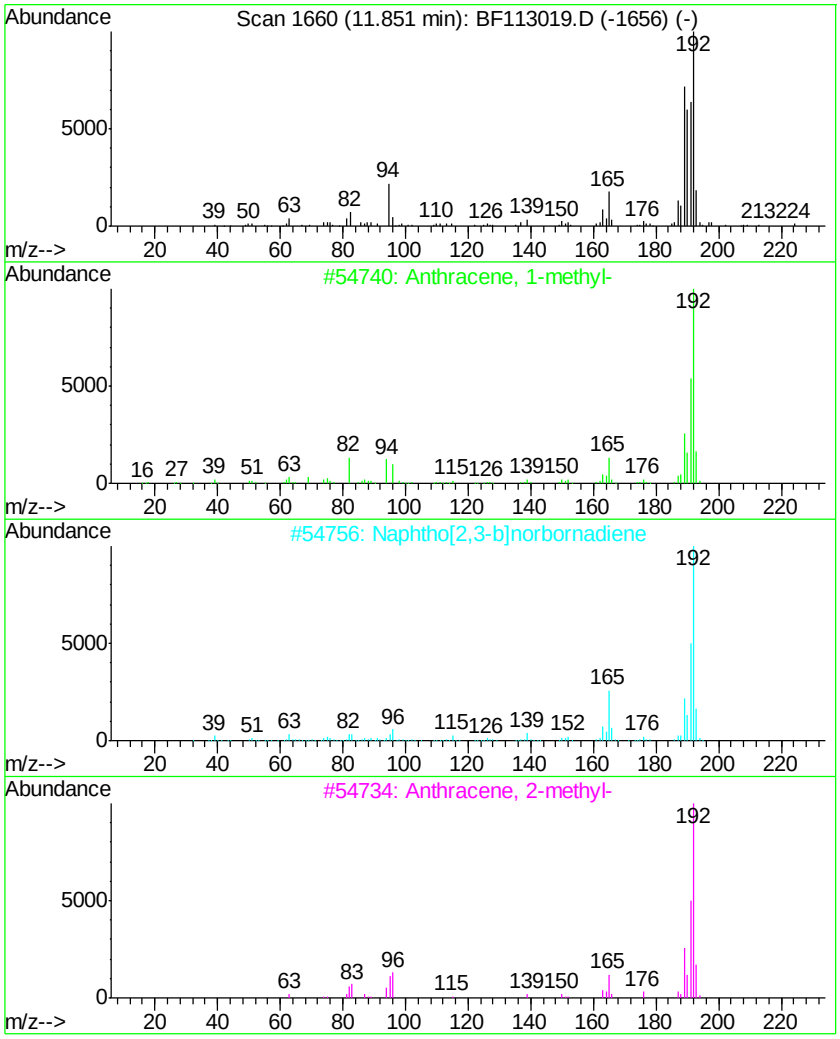
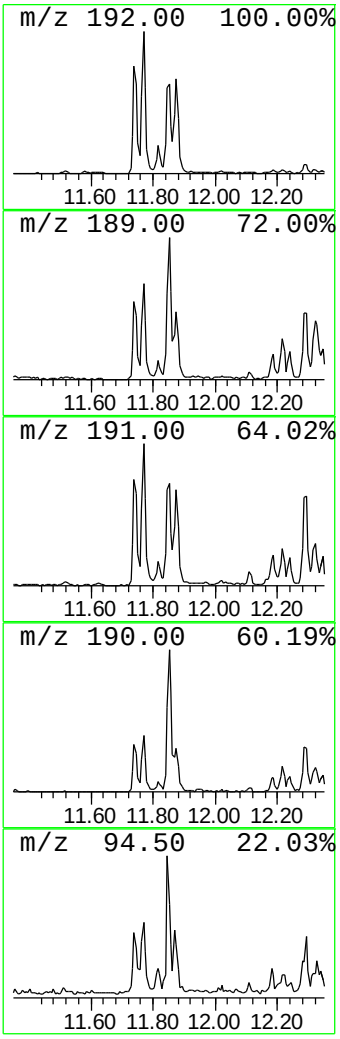
Peak Number 5 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	3.89 ng	259395	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	60
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60





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Instrument : BNA_F
ClientSampleId : SUP-7B-C-5-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

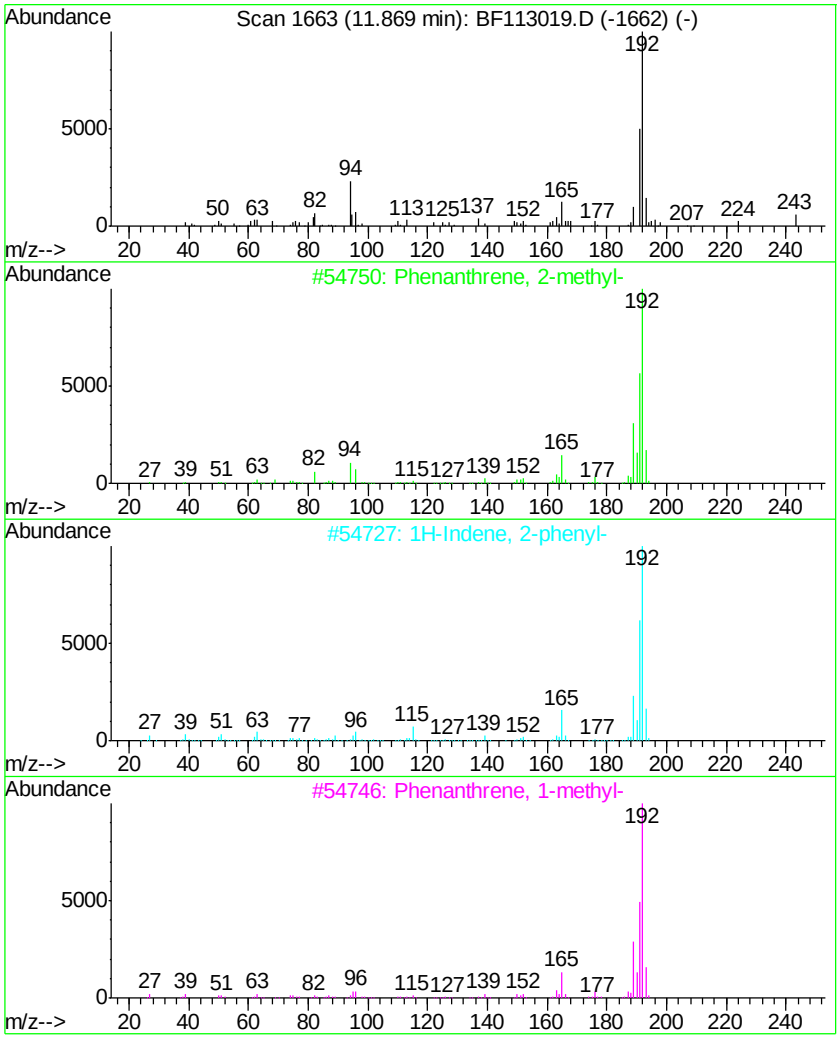
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

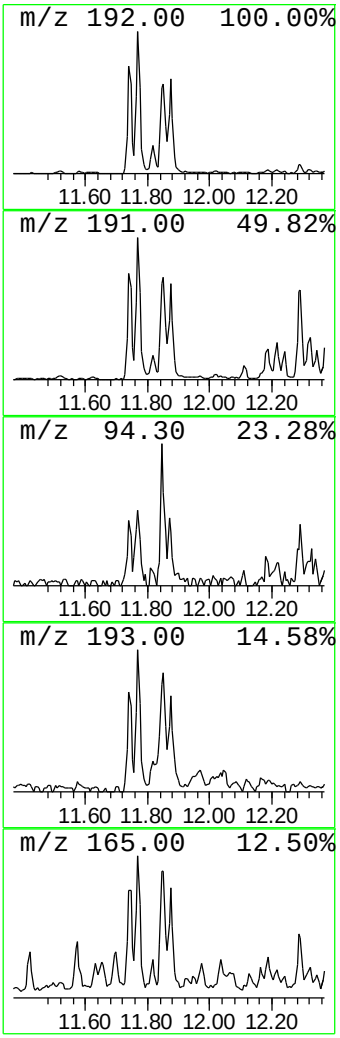
****

Peak Number 6 1H-Indene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.30 ng	153501	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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Operator : JU/SJ
Sample : K1847-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-5-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

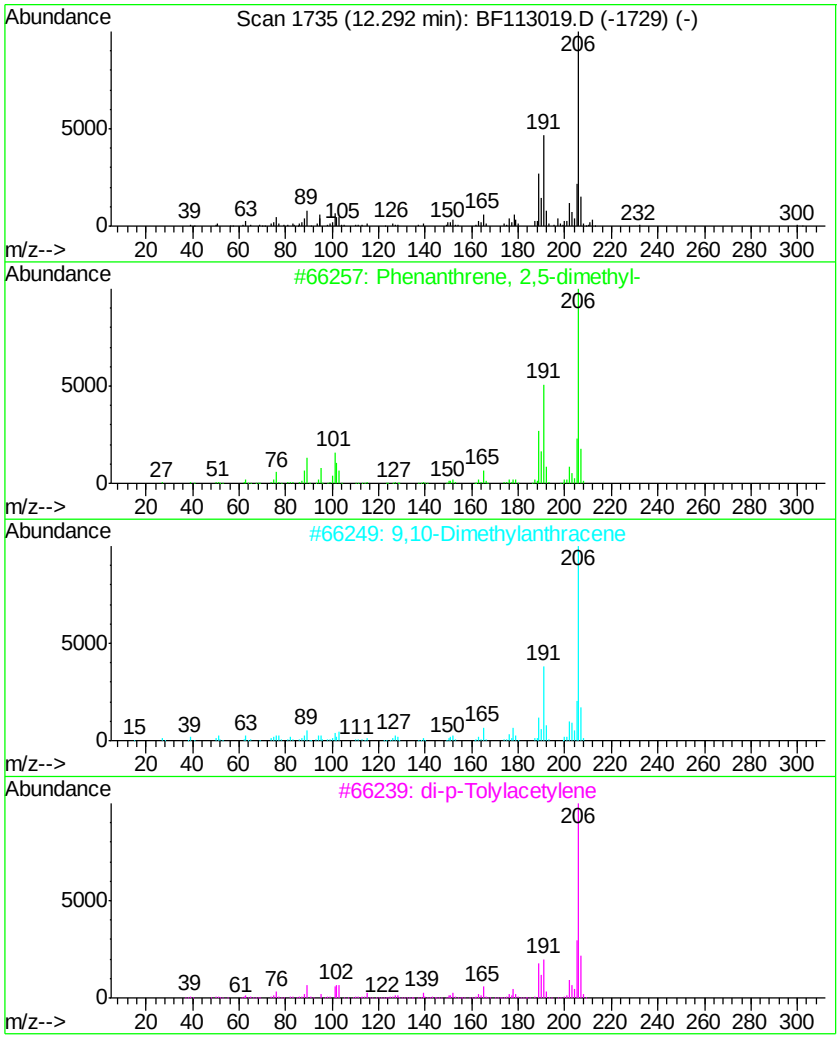
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

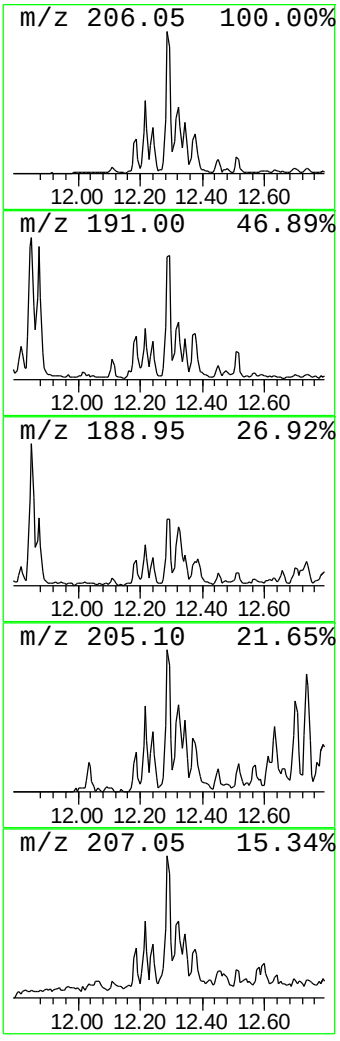
****

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	3.84 ng	255942	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





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Instrument : BNA_F
ClientSampleId : SUP-7B-C-5-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

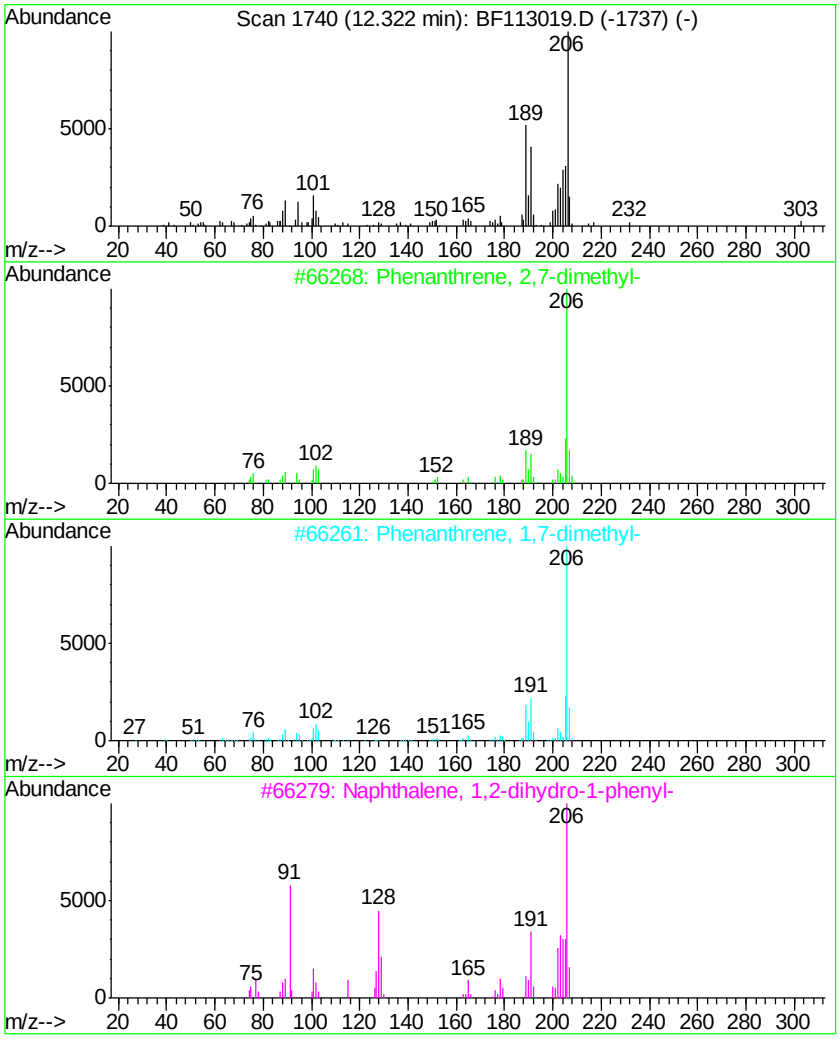
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

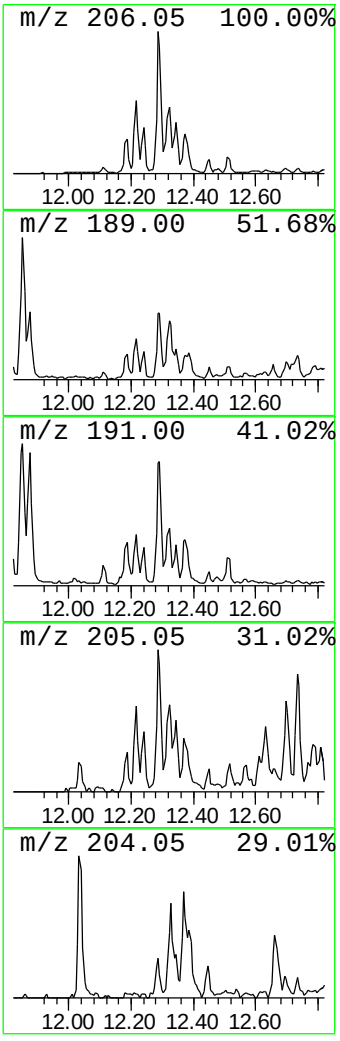
****

Peak Number 8 Phenanthrene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	2.10 ng	139979	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	68
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	64
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64





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Data File : BF113019.D
Acq On : 12 Mar 2019 22:55
Operator : JU/SJ
Sample : K1847-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-5-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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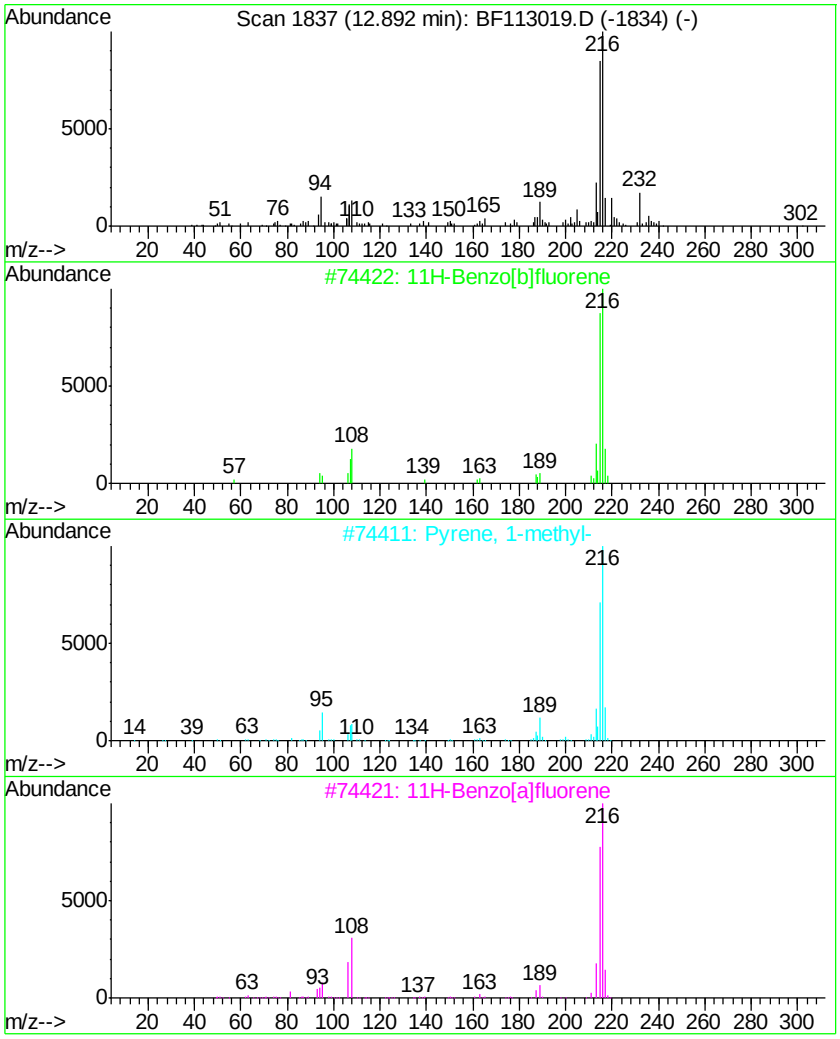
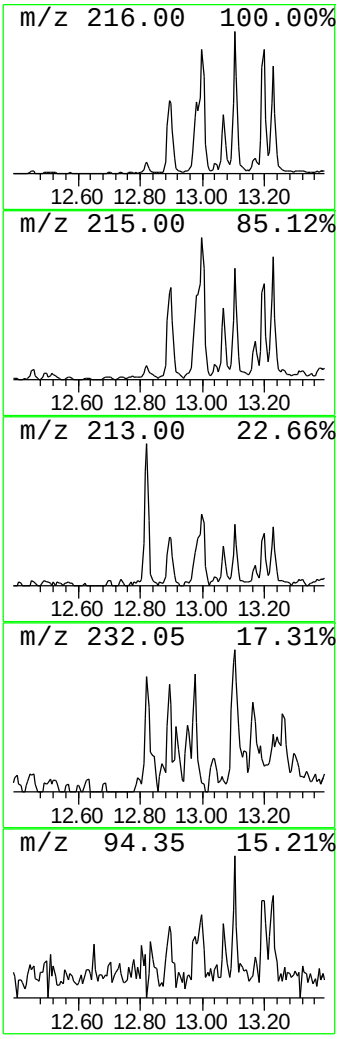
Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	2.20 ng	171759	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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Operator : JU/SJ
Sample : K1847-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-7B-C-5-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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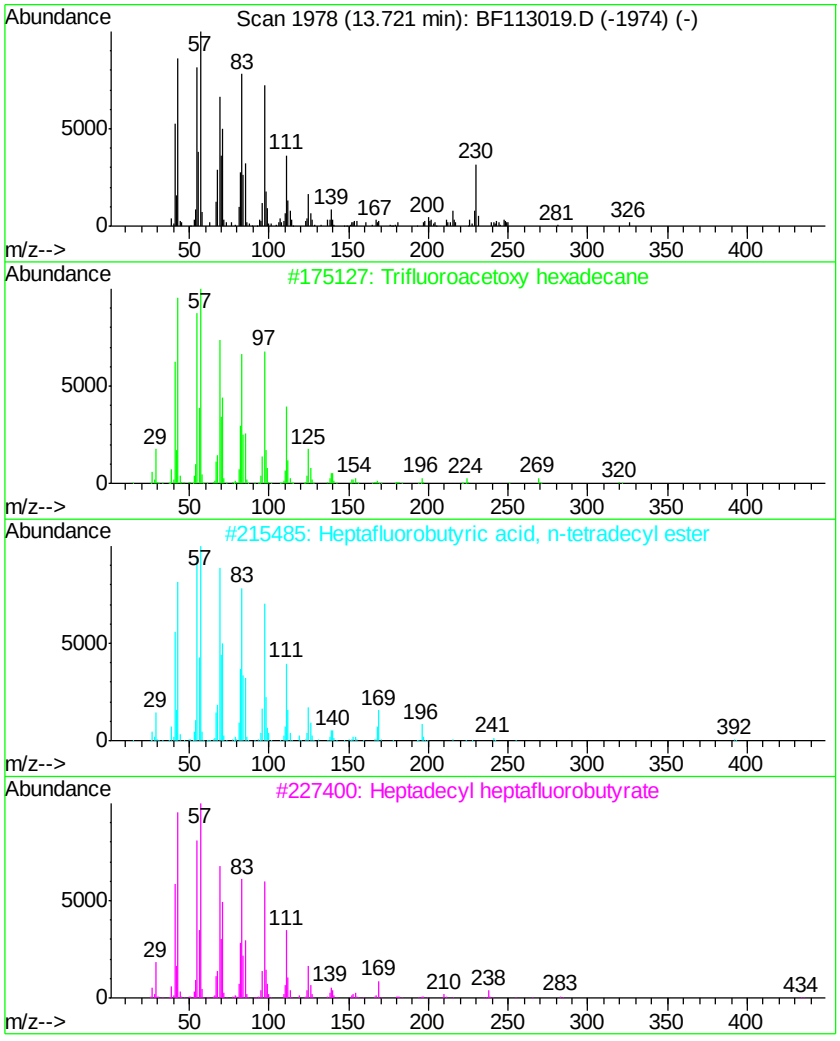
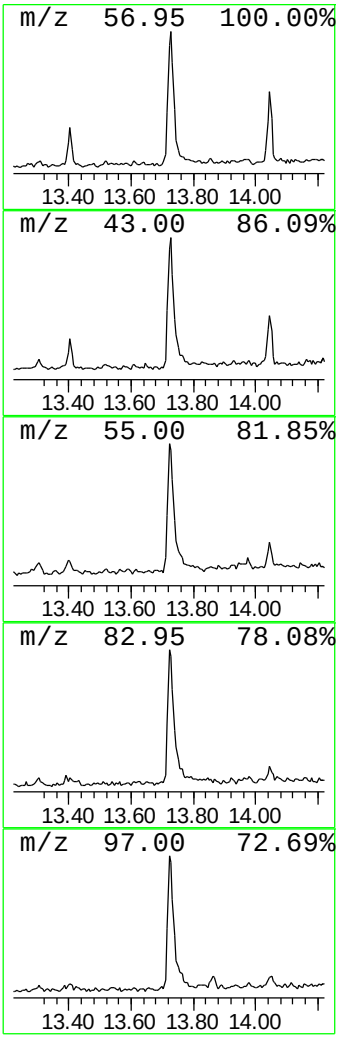
Peak Number 10 Trifluoroacetoxy hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	3.77 ng	294103	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
5	1-Tricosene	322	C23H46	018835-32-0	90





Library Search Compound Report

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Operator : JU/SJ
Sample : K1847-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-5-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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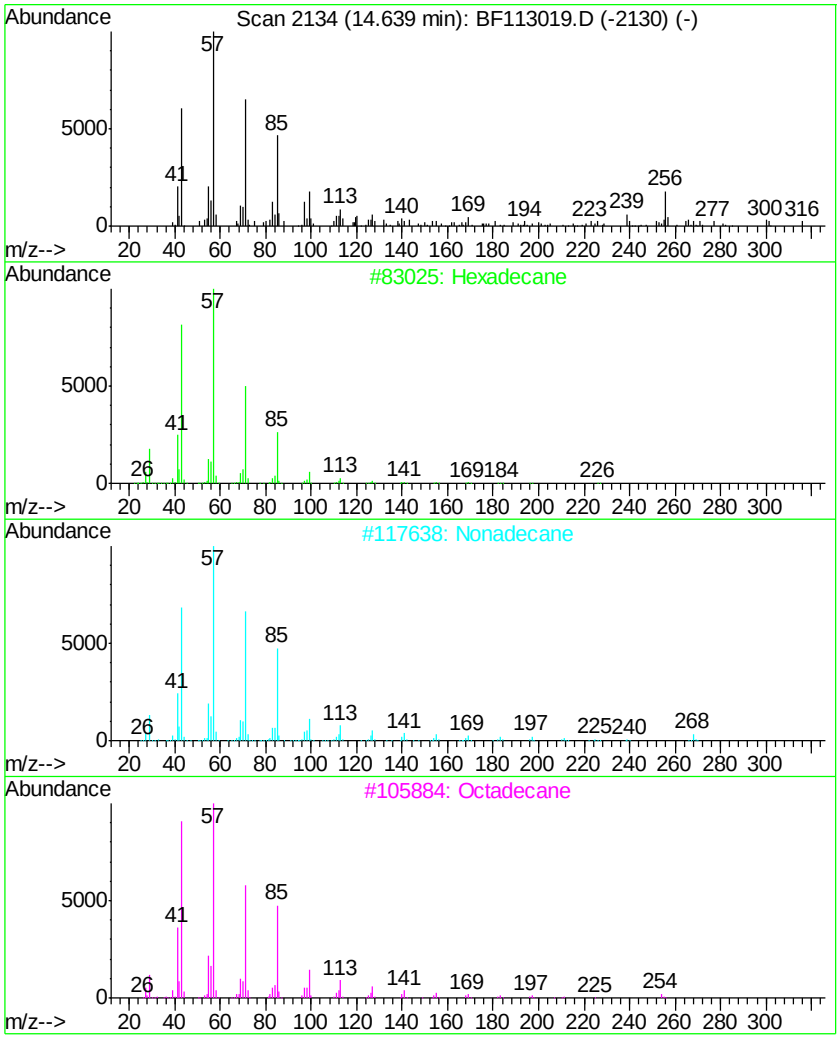
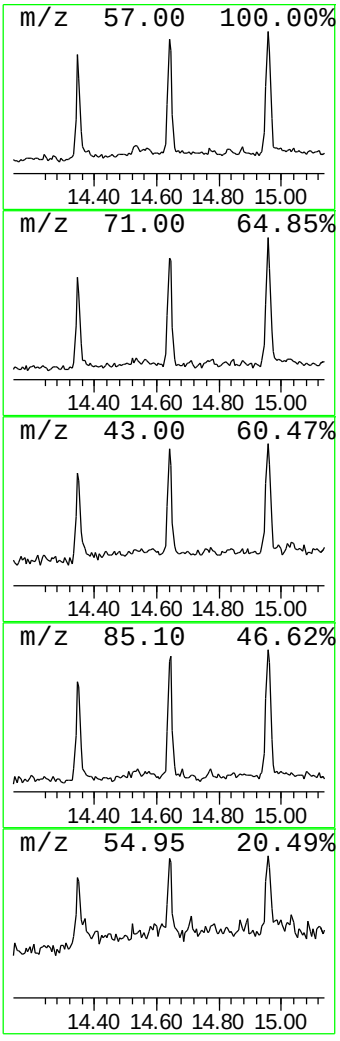
Peak Number 11 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.78 ng	140326	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Nonadecane	268	C19H40	000629-92-5	93
3	Octadecane	254	C18H38	000593-45-3	91
4	Pentacosane	352	C25H52	000629-99-2	72
5	Eicosane	282	C20H42	000112-95-8	68





Library Search Compound Report

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Operator : JU/SJ
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-7B-C-5-031119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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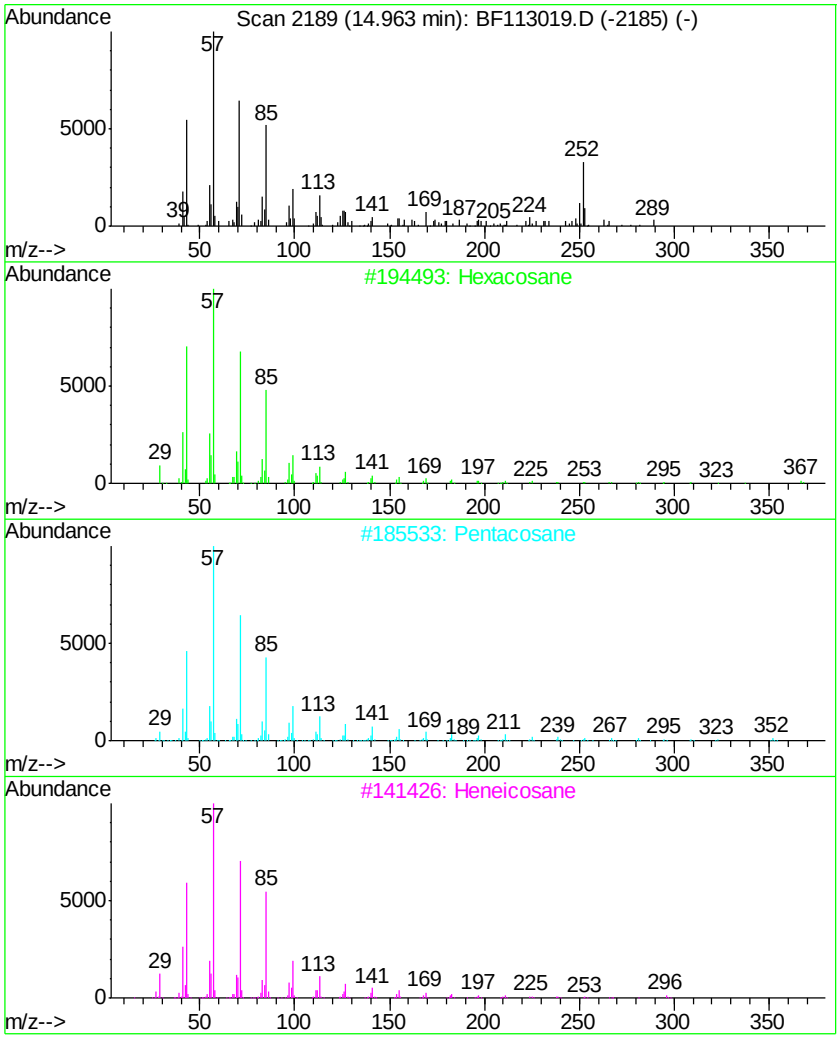
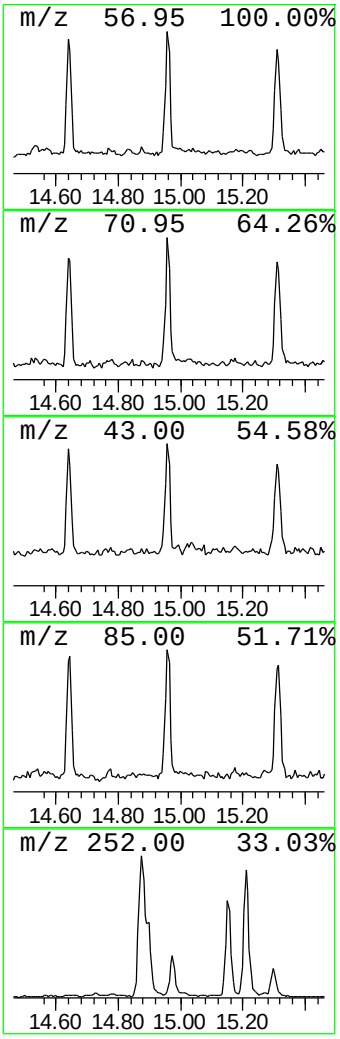
Peak Number 12 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.31 ng	116520	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Pentacosane	352	C25H52	000629-99-2	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heptadecane	240	C17H36	000629-78-7	87





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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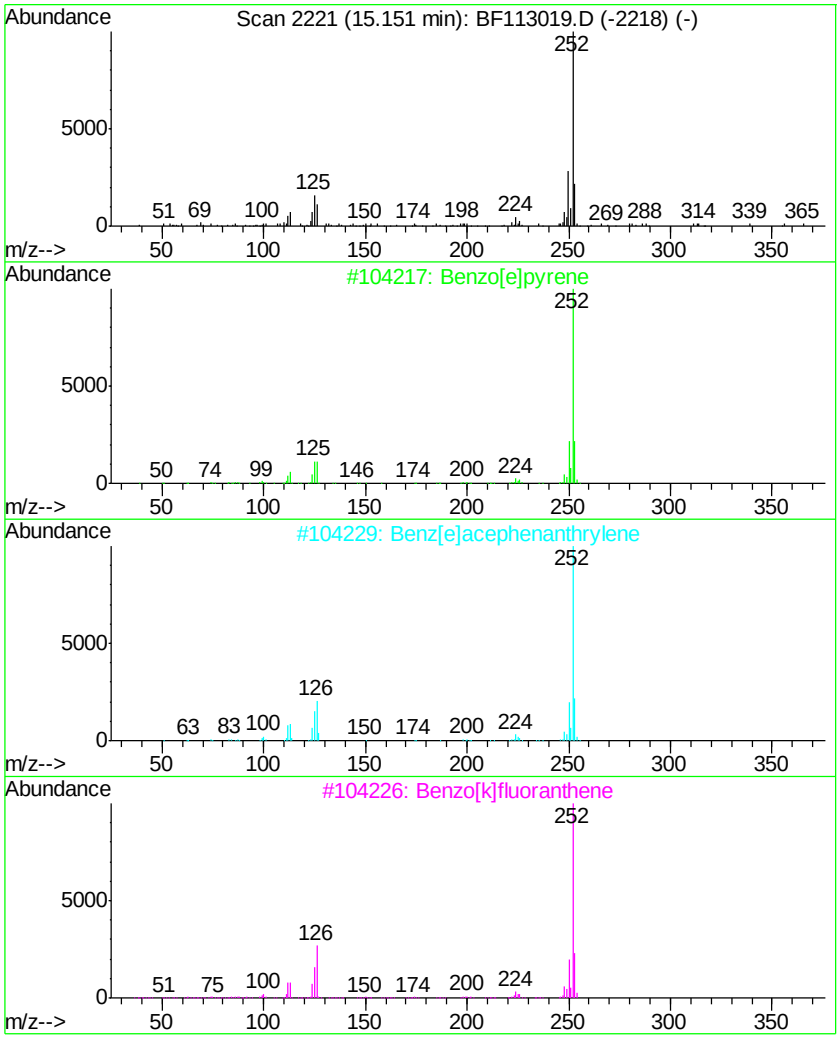
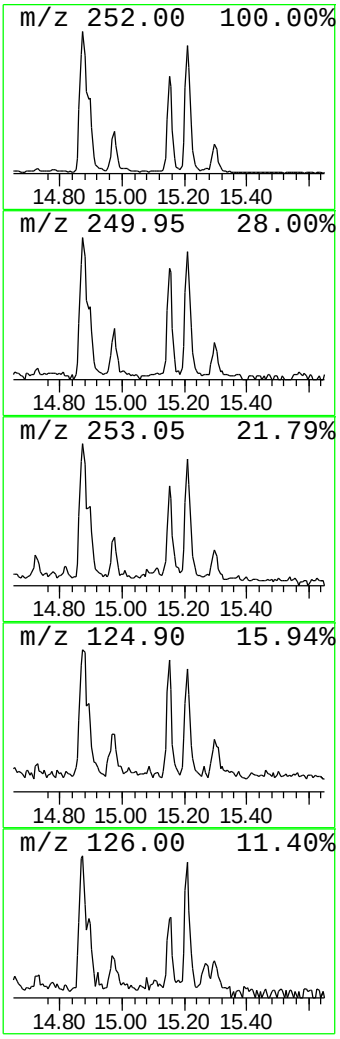
****

Peak Number 13 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	2.10 ng	105843	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Perylene	252	C20H12	000198-55-0	76





Tentatively Identified Compound (LSC) summary

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Operator : JU/SJ
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.50	6.50	66.9	ng	3338250	1	6.73	998350	20.0
Phenanthrene, 2-m...	11.74	2.8	ng	188949	4	11.24	1333540	20.0
n-Hexadecanoic acid	11.77	7.0	ng	466628	4	11.24	1333540	20.0
Anthracene, 1-met...	11.85	3.9	ng	259395	4	11.24	1333540	20.0
1H-Indene, 2-phenyl-	11.87	2.3	ng	153501	4	11.24	1333540	20.0
Phenanthrene, 2,5...	12.29	3.8	ng	255942	4	11.24	1333540	20.0
Phenanthrene, 2,7...	12.32	2.1	ng	139979	4	11.24	1333540	20.0
11H-Benzo[b]fluorene	12.89	2.2	ng	171759	5	13.86	1559660	20.0
Trifluoroacetoxy ...	13.72	3.8	ng	294103	5	13.86	1559660	20.0
Hexadecane	14.64	2.8	ng	140326	6	15.27	1007890	20.0
Hexacosane	14.96	2.3	ng	116520	6	15.27	1007890	20.0
Benzo[e]pyrene	15.15	2.1	ng	105843	6	15.27	1007890	20.0