LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114844.D
Acq On : 6 Jun 2019 3:03
Operator : HP/JU
Sample : K3163-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-060419-A

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-BF060419.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	5.269	536	541	544	rBV	3580443	3295205	28.56%	3.088%
2	6.304	712	717	720	rBV	3942147	3396304	29.44%	3.183%
3	6.434	735	739	743	rBV	4030980	3689013	31.98%	3.457%
4	6.669	775	779	783	rBV	2532956	2017080	17.49%	1.890%
5	6.828	802	806	809	rBV	3411370	2909674	25.22%	2.727%
6	7.228	870	874	877	rBV	2621954	2140950	18.56%	2.007%
7	7.951	993	997	1000	rBV	3377373	2665533	23.11%	2.498%
8	9.028	1176	1180	1183	rBV	5089073	4386235	38.02%	4.111%
9	9.416	1243	1246	1250	rBV	715307	644960	5.59%	0.604%
10	9.557	1267	1270	1273	rBV	438160	358120	3.10%	0.336%
11	9.651	1283	1286	1289	rBV	274623	204866	1.78%	0.192%
12	9.698	1290	1294	1298	rBV	3544633	3011318	26.10%	2.822%
13	9.904	1322	1329	1333	rBV4	106078	187629	1.63%	0.176%
14	10.010	1344	1347	1350	rBV2	89462	116349	1.01%	0.109%
15	10.145	1368	1370	1373	rVB	405061	322710	2.80%	0.302%
16	10.239	1384	1386	1389	rBV	131515	125481	1.09%	0.118%
17	10.369	1403	1408	1410	rBV2	135743	160970	1.40%	0.151%
18	10.481	1423	1427	1432	rVB	2778463	2493959	21.62%	2.337%
19	10.616	1447	1450	1457	rVB	439737	502845	4.36%	0.471%
20	10.916	1497	1501	1503	rBV3	117377	153350	1.33%	0.144%
21	10.939	1503	1505	1510	rVB2	153782	162027	1.40%	0.152%
22	11.028	1517	1520	1523	rBV	114671	126575	1.10%	0.119%
23	11.063	1523	1526	1529	rVV2	491046	451134	3.91%	0.423%
24	11.098	1529	1532	1535	rVB	149180	144777	1.26%	0.136%
25	11.175	1541	1545	1547	rBV	3264535	2943403	25.52%	2.759%
26	11.198	1547	1549	1552	rVV	1567863	1239053	10.74%	1.161%
27	11.245	1554	1557	1560	rVB	704692	566471	4.91%	0.531%
28	11.492	1596	1599	1600	rVV	391457	361077	3.13%	0.338%
29	11.504	1600	1601	1605	rVB2	264404	210632	1.83%	0.197%
30	11.586	1611	1615	1619	rVB	5119542	4328592	37.52%	4.057%
31	11.675	1627	1630	1632	rBV	529959	419183	3.63%	0.393%
32	11.698	1632	1634	1636	rVV	637511	636175	5.51%	0.596%
33	11.716	1636	1637	1640	rVV	704520	567293	4.92%	0.532%
34	11.745	1640	1642	1645	rVV	371793	328012	2.84%	0.307%

LSC Area Percent Report

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Acq On : 6 Jun 2019 3:03
Operator : HP/JU
Sample : K3163-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-060419-A

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-BF060419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.780	1645	1648	1651	rVV	834280	893020	7.74%	0.837%
36	11.804	1651	1652	1655	rVB	406154	277527	2.41%	0.260%
37	11.892	1665	1667	1672	rVB2	321483	369633	3.20%	0.346%
38	11.969	1677	1680	1682	rBV	379299	331281	2.87%	0.310%
39	12.057	1691	1695	1700	rBV5	68424	159702	1.38%	0.150%
40	12.145	1708	1710	1713	rBV	176307	173694	1.51%	0.163%
41	12.175	1713	1715	1717	rVB3	154527	125662	1.09%	0.118%
42	12.222	1717	1723	1726	rBV	497413	631909	5.48%	0.592%
43	12.275	1726	1732	1733	rBV	7902102	8885562	77.03%	8.328%
44	12.298	1733	1736	1742	rVV	10004227	11535877	100.00%	10.812%
45	12.380	1746	1750	1753	rBV2	5870995	5666354	49.12%	5.311%
46	12.422	1753	1757	1760	rVV3	620746	798526	6.92%	0.748%
47	12.475	1763	1766	1768	rVB	609105	566028	4.91%	0.531%
48	12.498	1768	1770	1773	rBV4	167220	173233	1.50%	0.162%
49	12.610	1783	1789	1792	rBV2	4164447	4740873	41.10%	4.443%
50	12.651	1794	1796	1799	rBV2	321777	275376	2.39%	0.258%
51	12.727	1806	1809	1811	rBV	356516	349531	3.03%	0.328%
52	12.757	1811	1814	1817	rVV	4672142	4004339	34.71%	3.753%
53	12.827	1821	1826	1829	rBV2	430246	634976	5.50%	0.595%
54	12.933	1841	1844	1848	rVB	956060	921009	7.98%	0.863%
55	13.004	1853	1856	1857	rBV	611448	625674	5.42%	0.586%
56	13.039	1860	1862	1865	rVB	625824	519467	4.50%	0.487%
57	13.098	1869	1872	1875	rBV2	490648	525904	4.56%	0.493%
58	13.127	1875	1877	1880	rVB	371777	267435	2.32%	0.251%
59	13.157	1880	1882	1886	rBV	407982	374585	3.25%	0.351%
60	13.198	1887	1889	1892	rVB	234806	199736	1.73%	0.187%
61	13.345	1912	1914	1918	rVB3	273339	304338	2.64%	0.285%
62	13.433	1926	1929	1935	rVB	393153	447281	3.88%	0.419%
63	13.545	1945	1948	1951	rBV2	407326	421711	3.66%	0.395%
64	13.574	1951	1953	1955	rVV	384008	286348	2.48%	0.268%
65	13.598	1955	1957	1961	rVV2	253246	277335	2.40%	0.260%
66	13.639	1962	1964	1965	rVV	291645	232719	2.02%	0.218%
67	13.657	1965	1967	1973	rVB3	659606	792738	6.87%	0.743%
68	13.763	1983	1985	1986	rBV	251862	195771	1.70%	0.183%
69	13.792	1986	1990	1993	rVV2	3417022	4908023	42.55%	4.600%
70	13.821	1993	1995	1998	rVB	2052252	1652259	14.32%	1.549%
71	13.933	2012	2014	2017	rBV	285707	223071	1.93%	0.209%

LSC Area Percent Report

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Acq On : 6 Jun 2019 3:03
Operator : HP/JU
Sample : K3163-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-060419-A

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-BF060419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.986	2020	2023	2025	rVV2	290520	277761	2.41%	0.260%
73	14.180	2054	2056	2059	rVB	469760	373571	3.24%	0.350%
74	14.216	2060	2062	2065	rVB	295021	238572	2.07%	0.224%
75	14.292	2073	2075	2079	rVB2	334421	348541	3.02%	0.327%
76	14.798	2157	2161	2163	rBV	1365528	1925034	16.69%	1.804%
77	14.892	2174	2177	2181	rVB	690732	701588	6.08%	0.658%
78	15.068	2204	2207	2212	rVB	733671	834780	7.24%	0.782%
79	15.121	2213	2216	2222	rVB	1154622	1231965	10.68%	1.155%
80	15.180	2222	2226	2229	rBV	1429994	1728994	14.99%	1.620%

Sum of corrected areas: 106696268

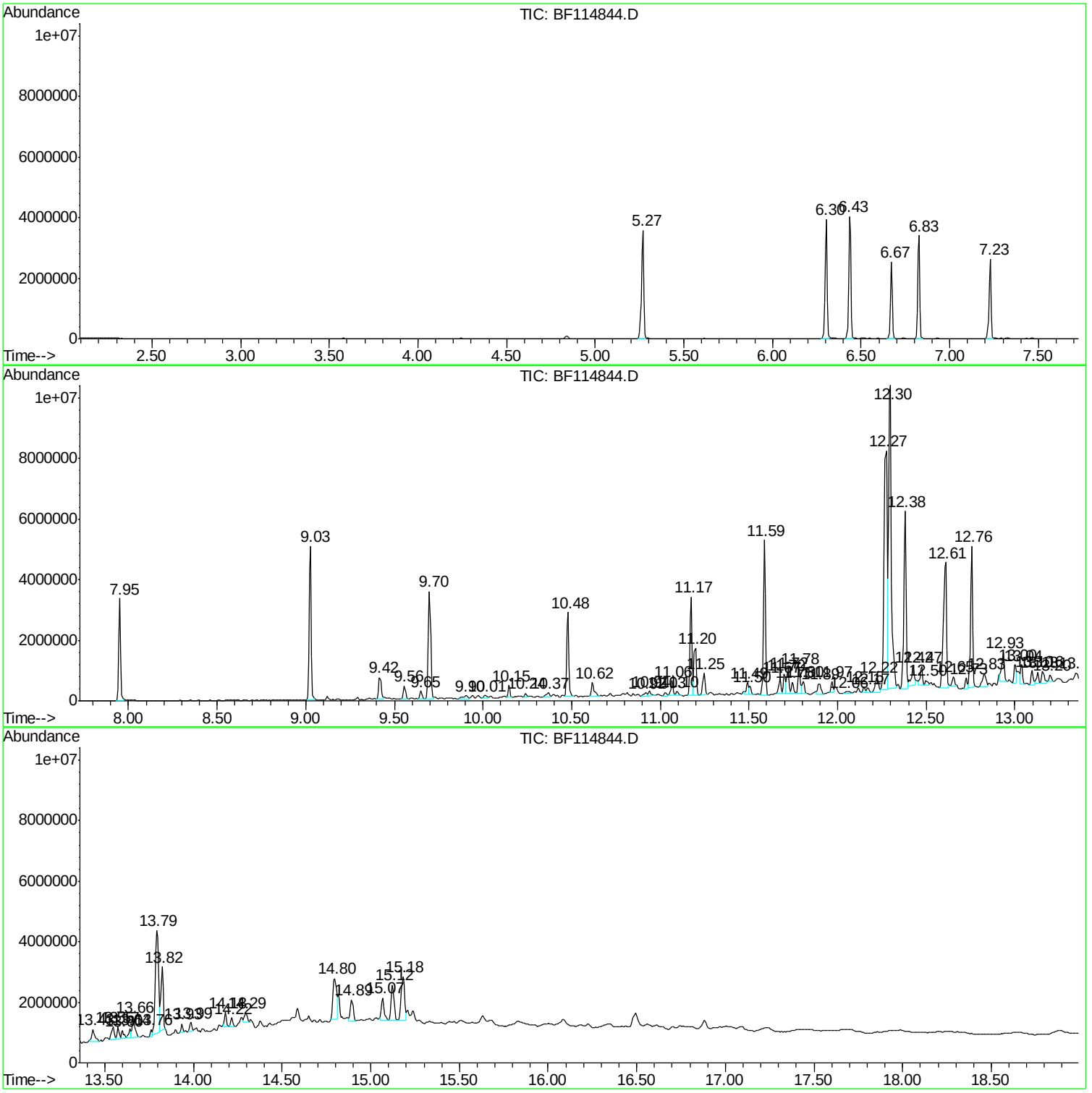
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114844.D
Acq On : 6 Jun 2019 3:03
Operator : HP/JU
Sample : K3163-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-060419-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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\BF060519\
Data File : BF114844.D
Acq On : 6 Jun 2019 3:03
Operator : HP/JU
Sample : K3163-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-060419-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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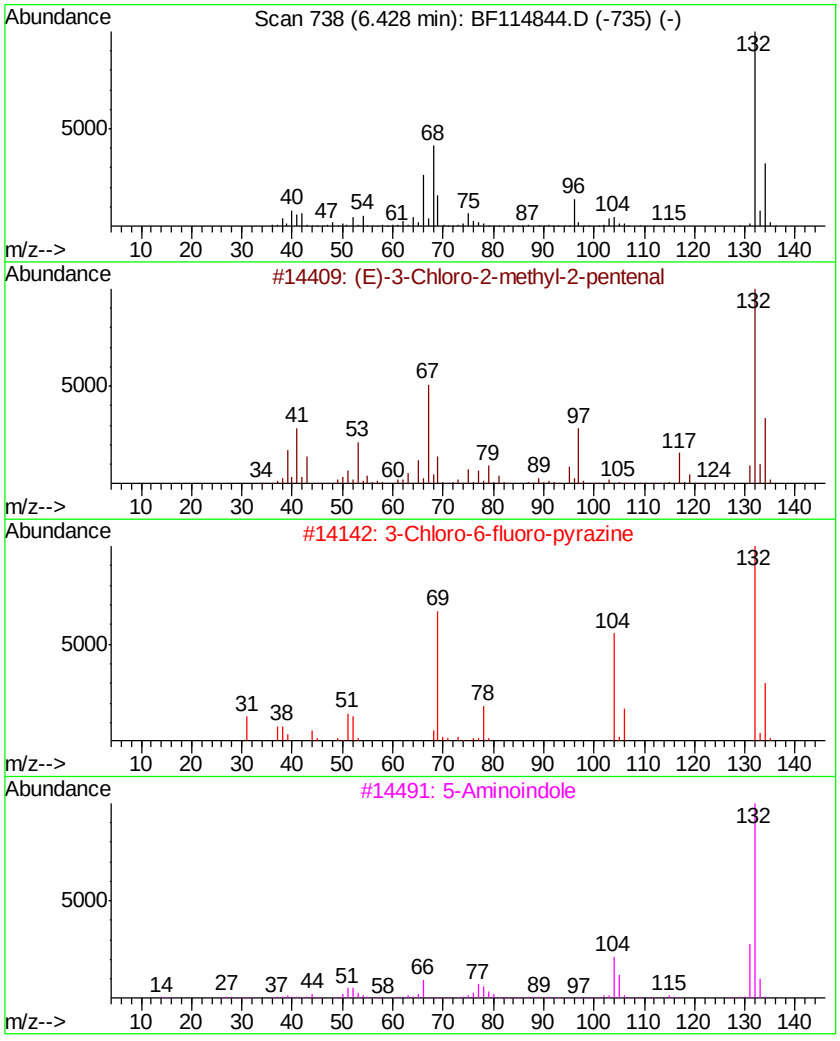
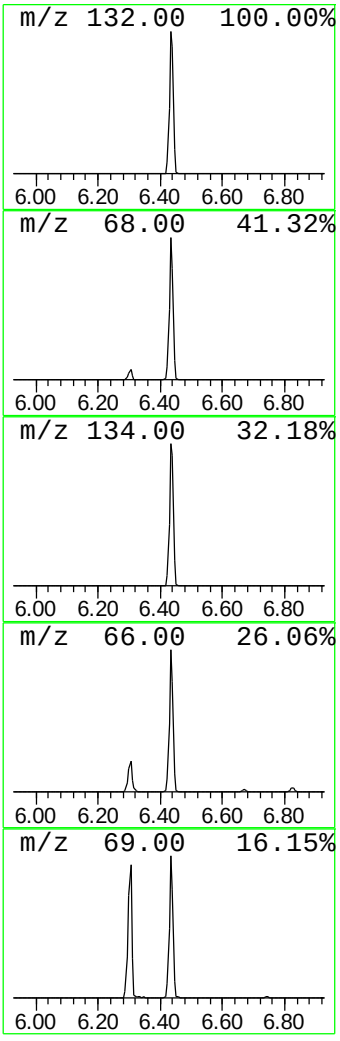
Peak Number 1 unknown6.43 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	36.58 ng	3689010	1,4-Dichlorobenzene-d4	6.67

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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Operator : HP/JU
Sample : K3163-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : SU-02-060419-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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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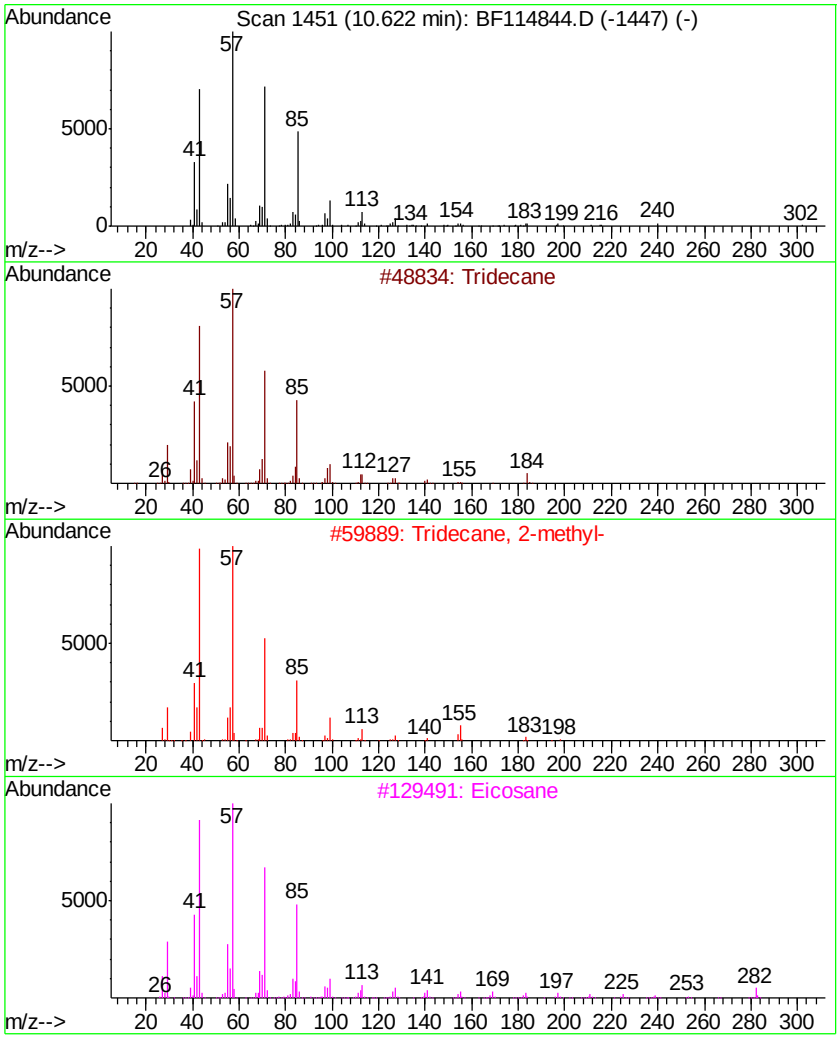
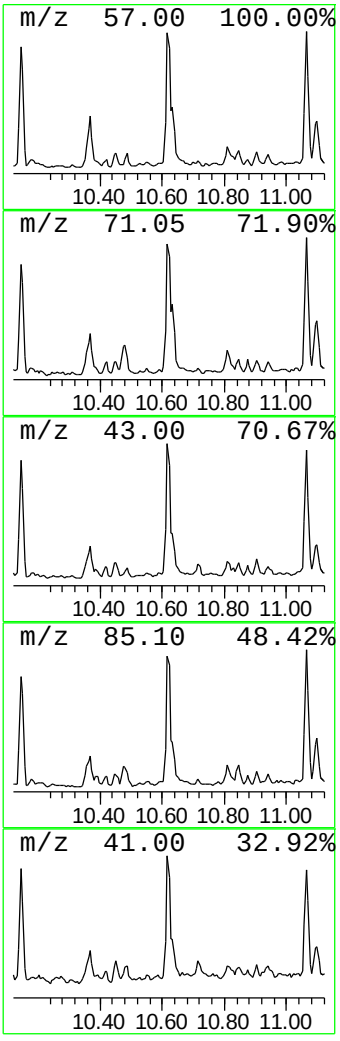
Peak Number 3 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	3.42 ng	502845	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
5	Hexadecane	226	C16H34	000544-76-3	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114844.D
Acq On : 6 Jun 2019 3:03
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Misc :
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Instrument : BNA_F
ClientSampleId : SU-02-060419-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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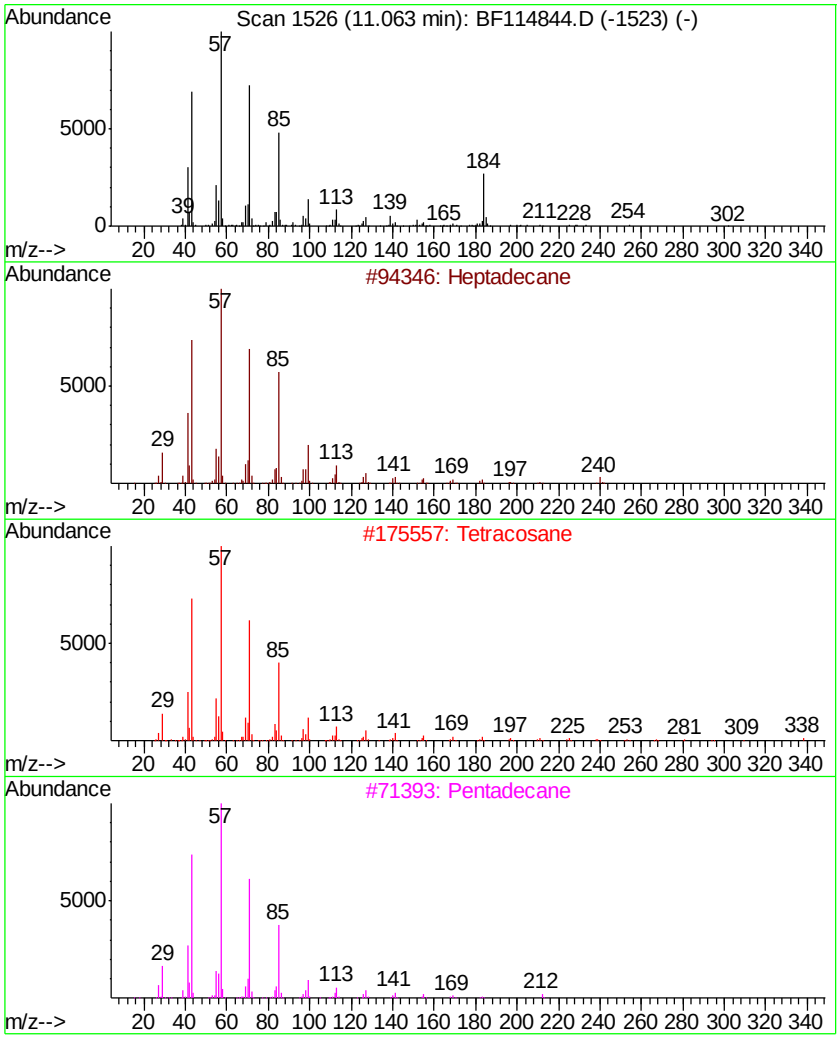
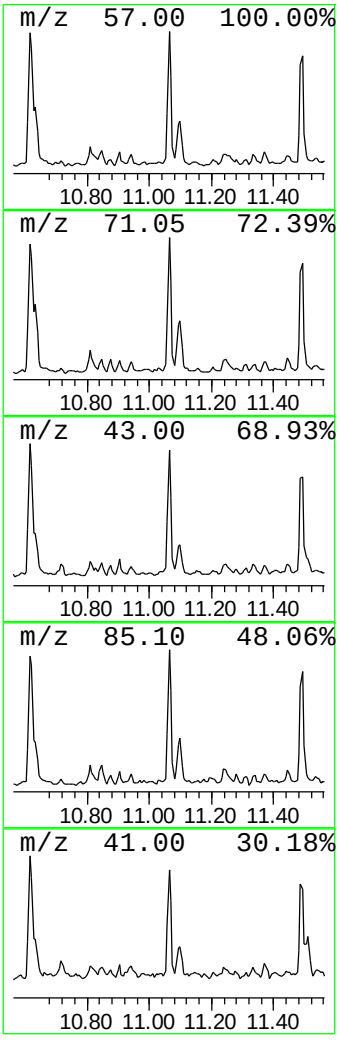
Peak Number 4 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	3.07 ng	451134	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	68
2	Tetracosane	338	C24H50	000646-31-1	68
3	Pentadecane	212	C15H32	000629-62-9	64
4	Heneicosane	296	C21H44	000629-94-7	64
5	Tetradecane	198	C14H30	000629-59-4	64





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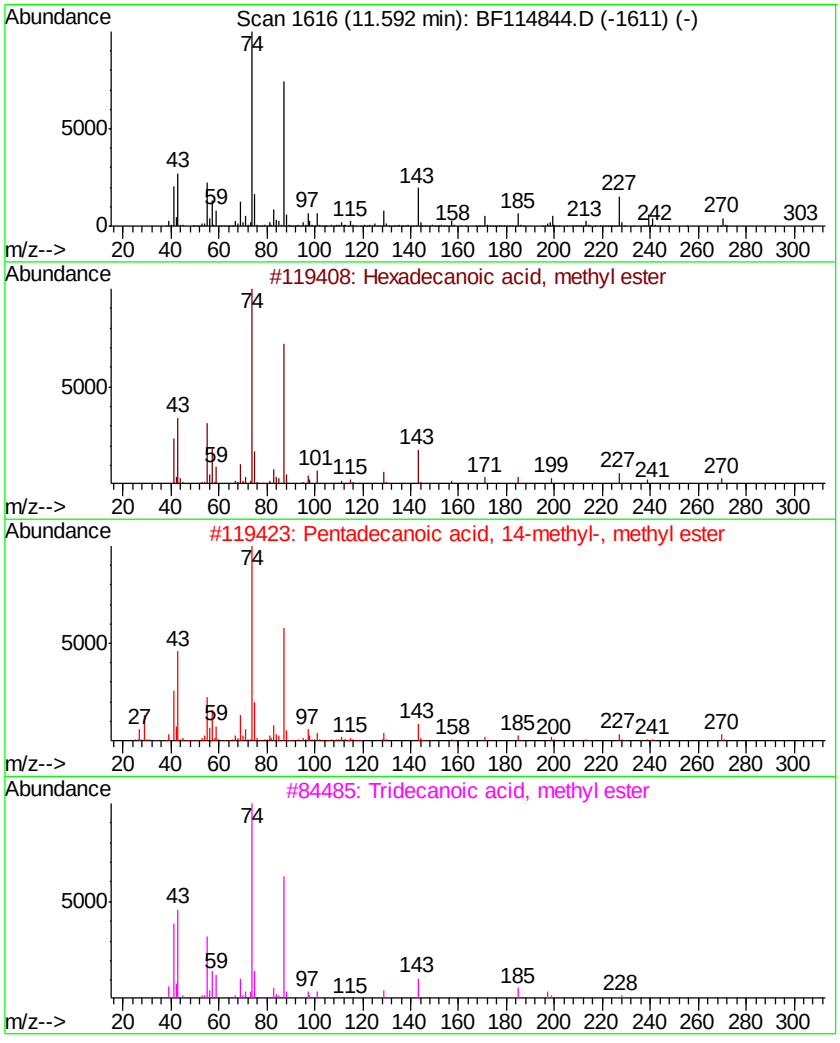
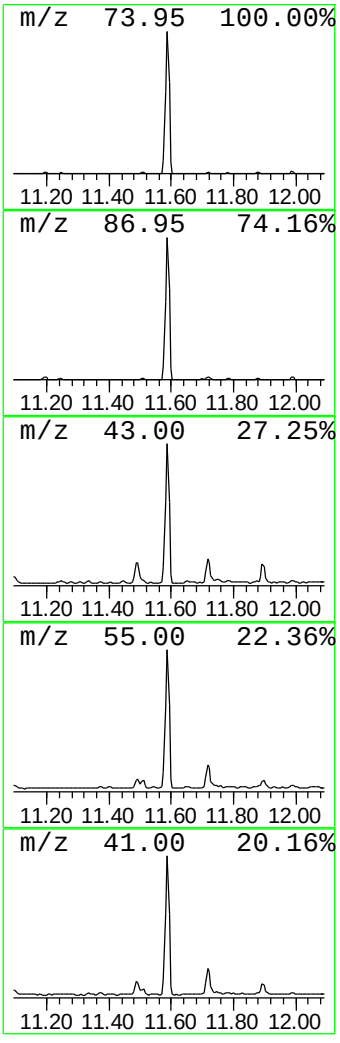
Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	29.41 ng	4328590	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	83





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SU-02-060419-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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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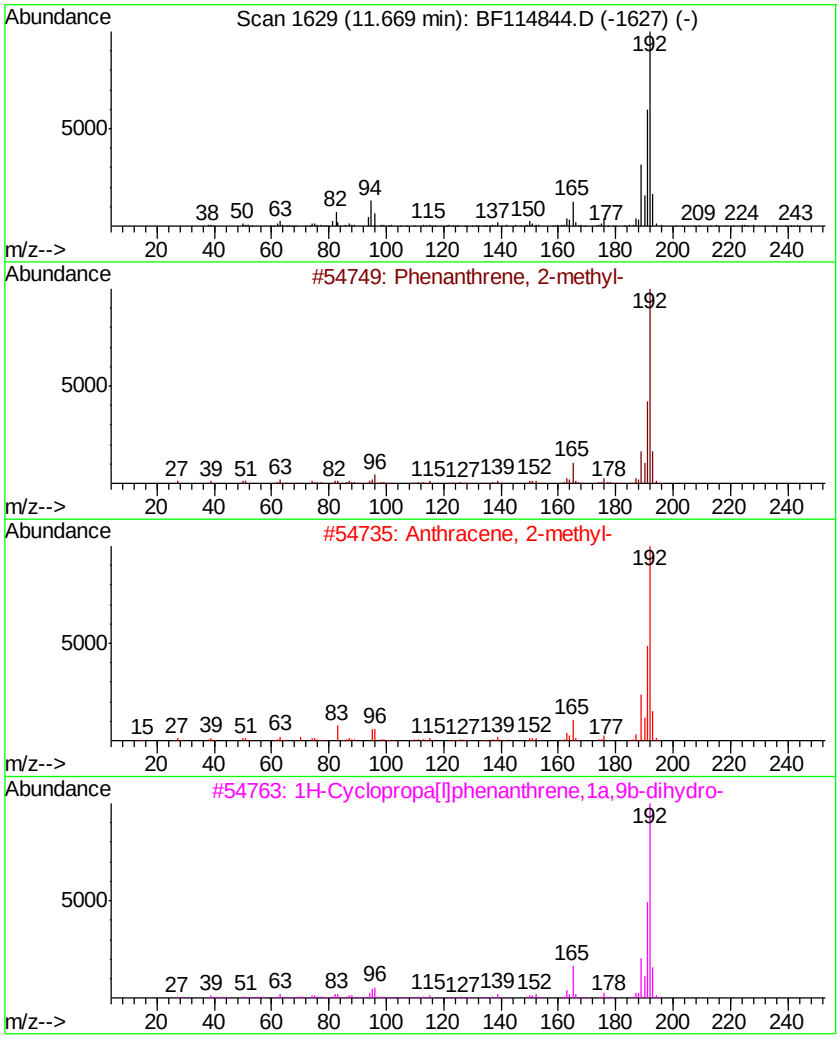
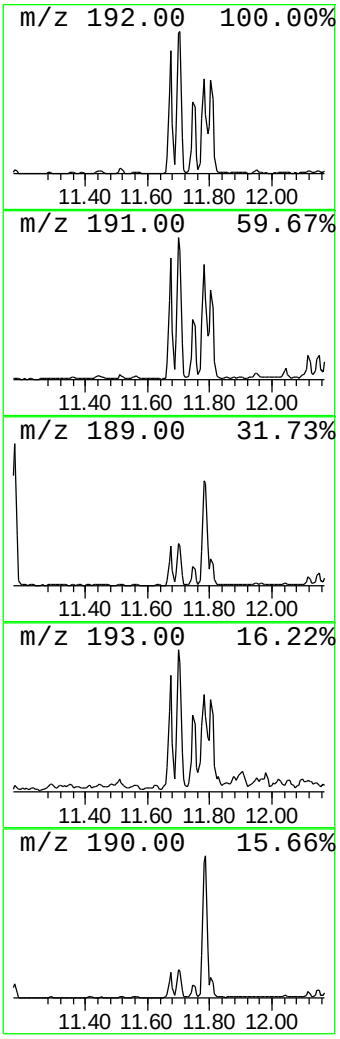
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	2.85 ng	419183	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114844.D
Acq On : 6 Jun 2019 3:03
Operator : HP/JU
Sample : K3163-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-060419-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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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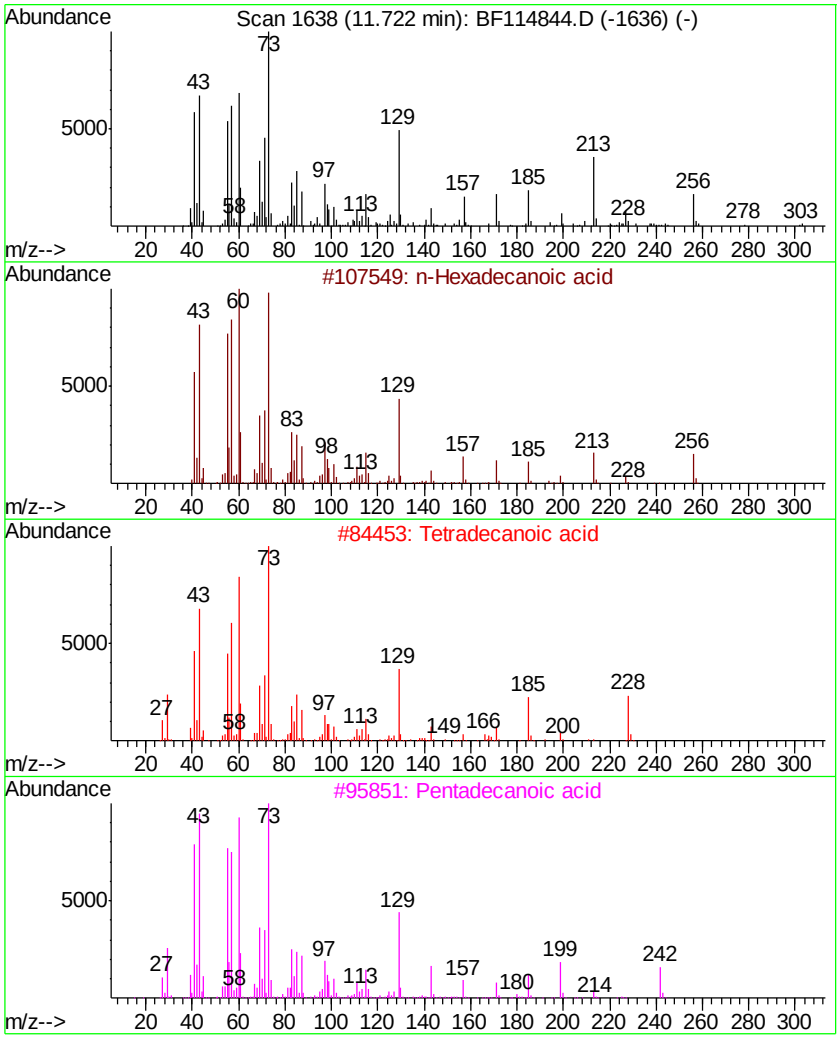
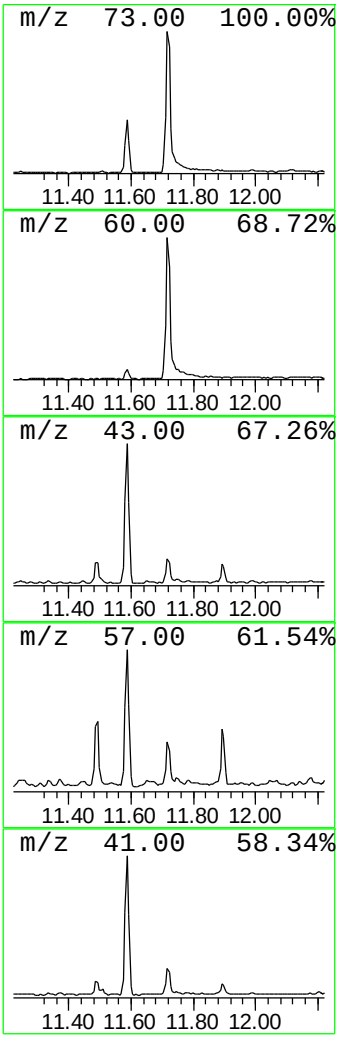
Peak Number 8 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	3.85 ng	567293	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





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Operator : HP/JU
Sample : K3163-01 2X
Misc :
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ClientSampleId : SU-02-060419-A

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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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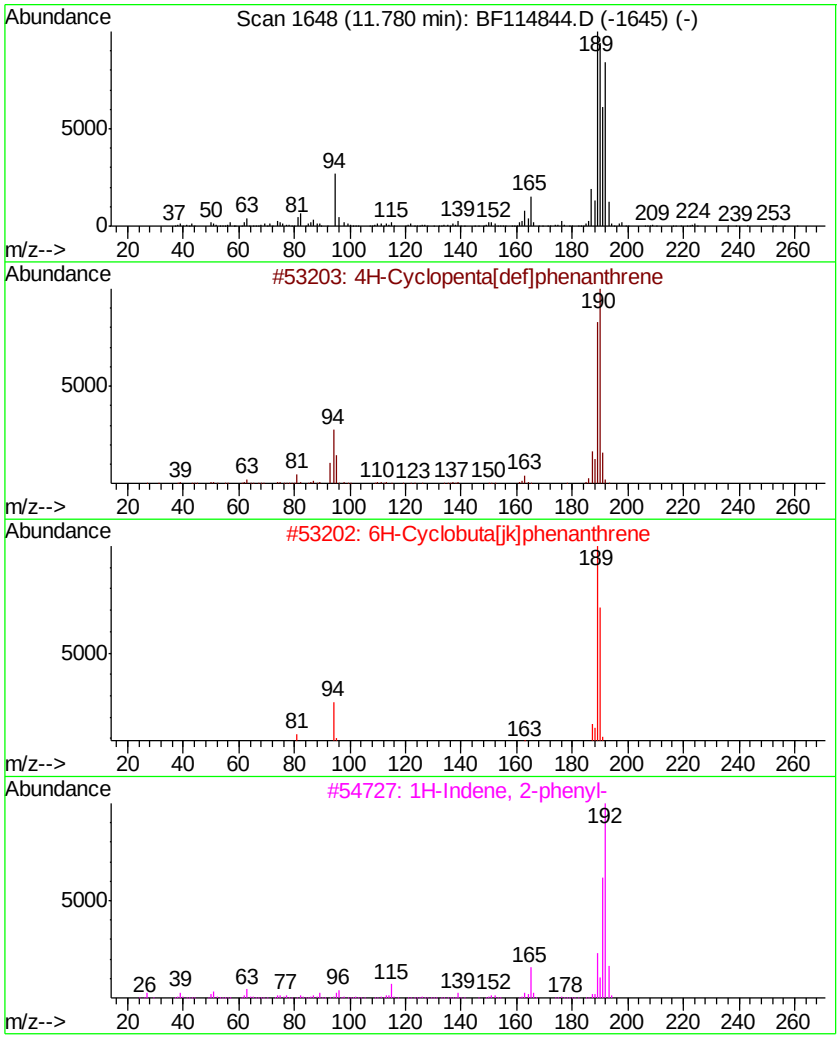
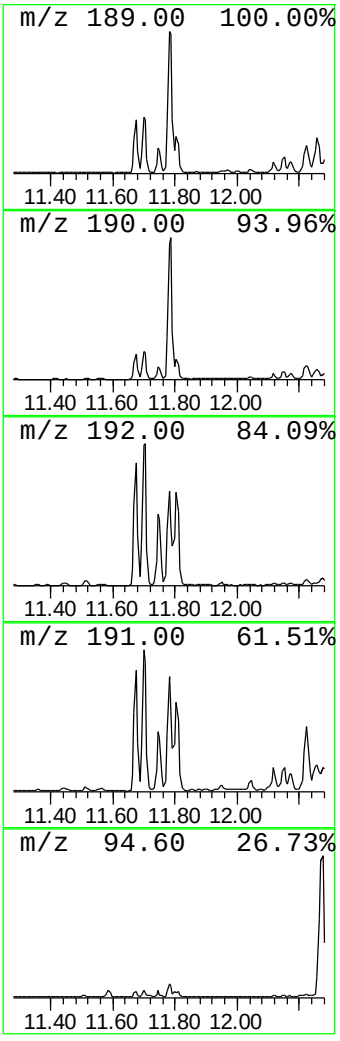
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	6.07 ng	893020	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42





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ClientSampleId : SU-02-060419-A

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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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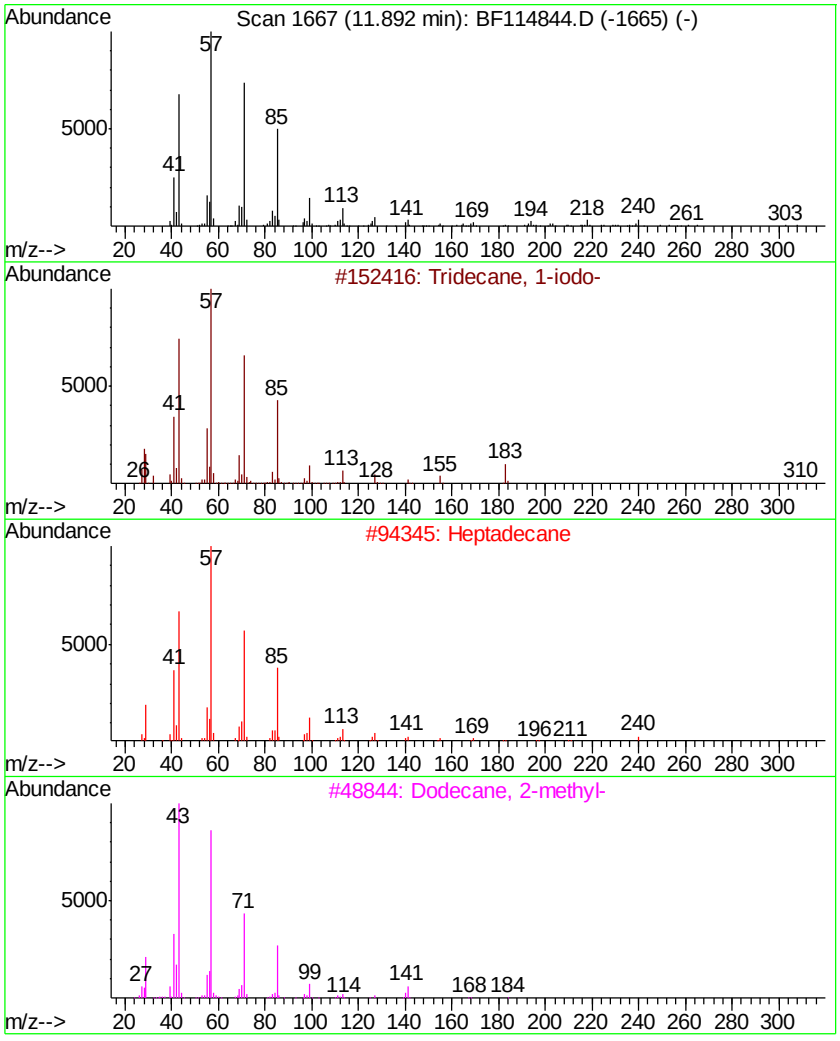
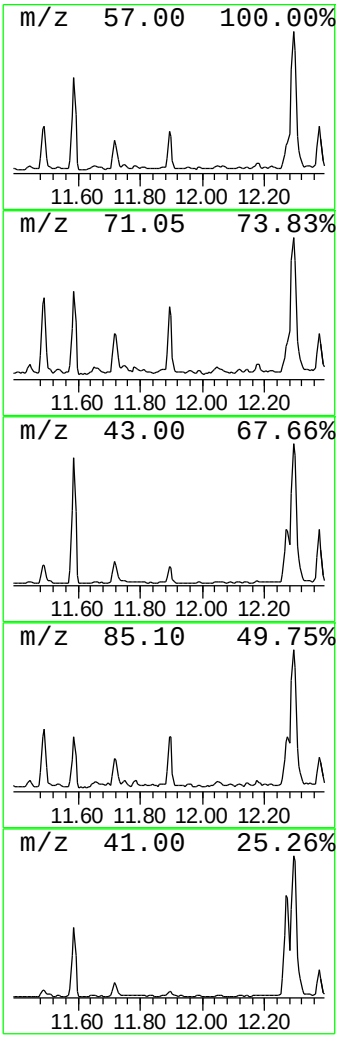
Peak Number 10 Tridecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.51 ng	369633	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2	Heptadecane	240	C17H36	000629-78-7	83
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	78
4	Eicosane	282	C20H42	000112-95-8	72
5	Heptacosane	380	C27H56	000593-49-7	72





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ClientSampleId : SU-02-060419-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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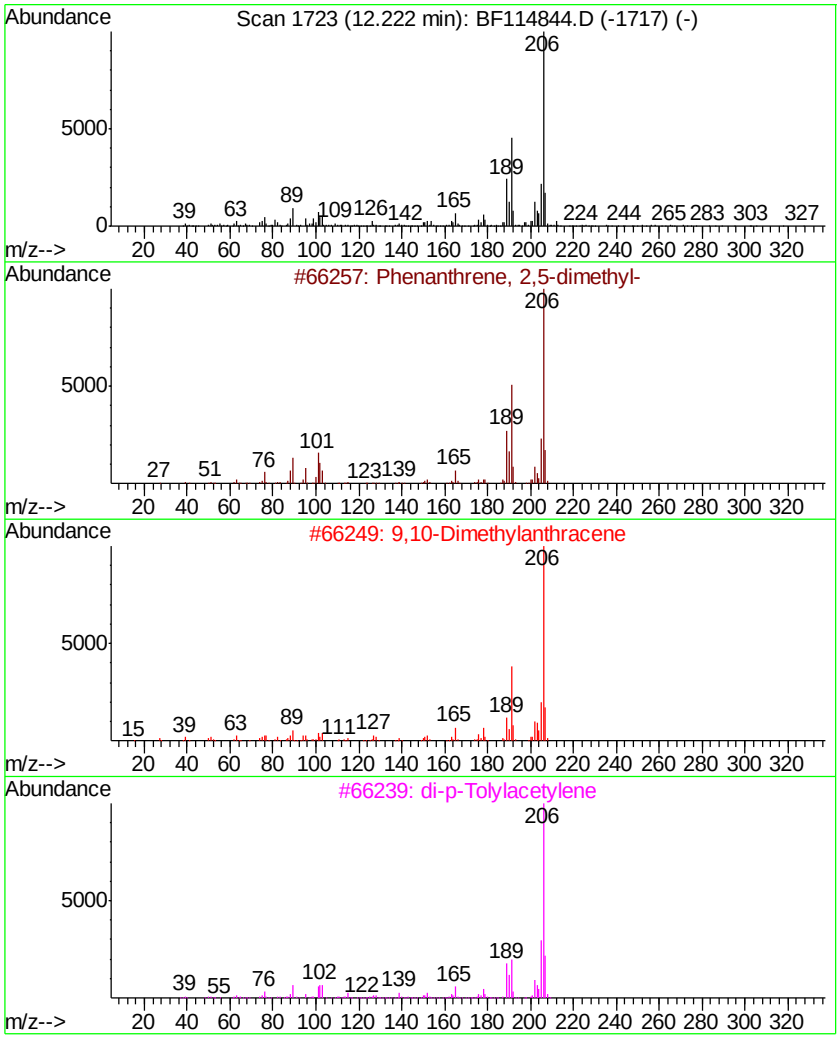
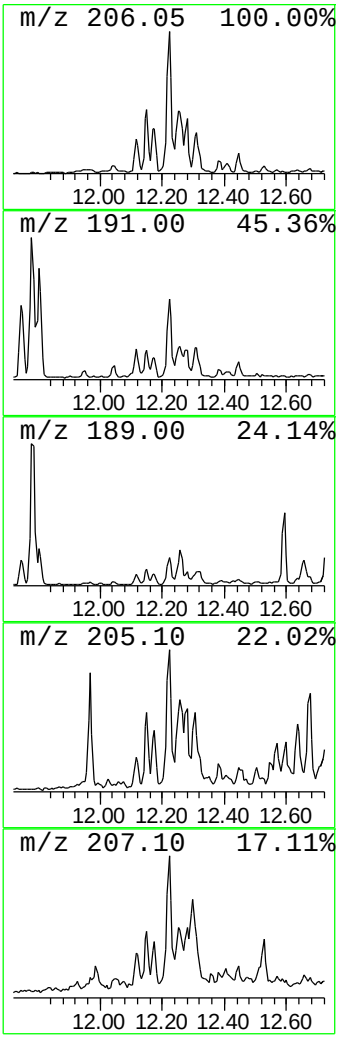
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	4.29 ng	631909	Phenanthrene-d10	11.17

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	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





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Sample : K3163-01 2X
Misc :
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ClientSampleId : SU-02-060419-A

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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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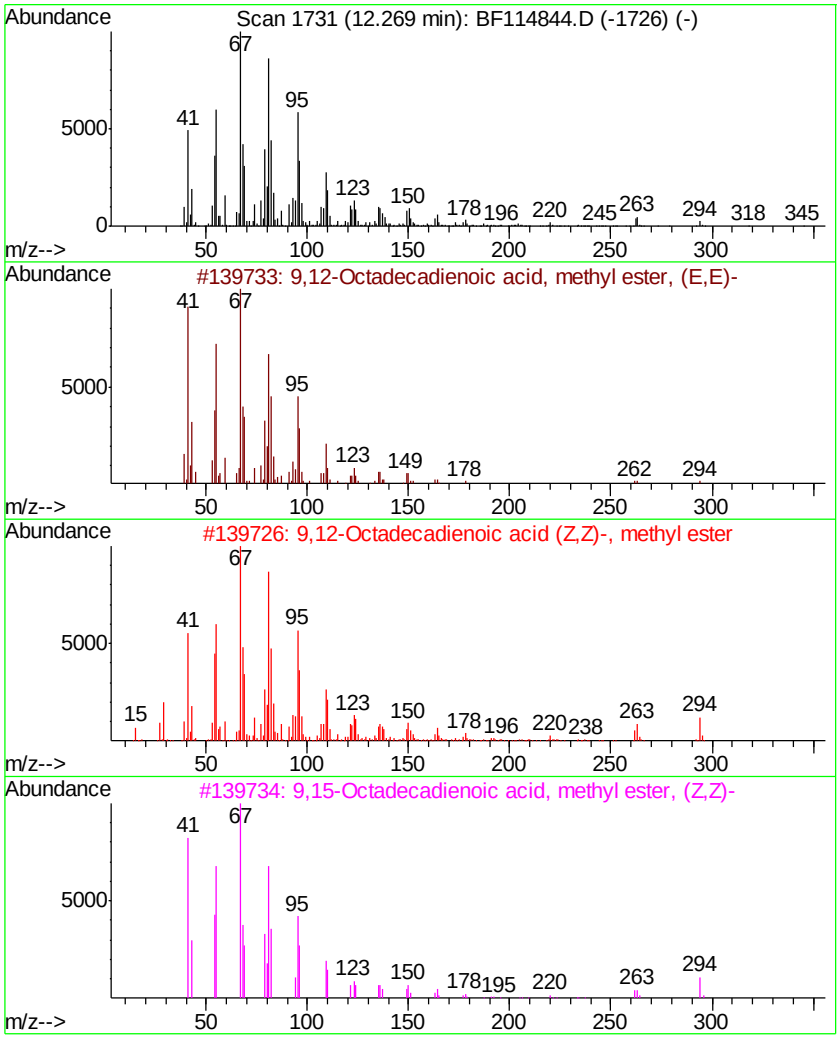
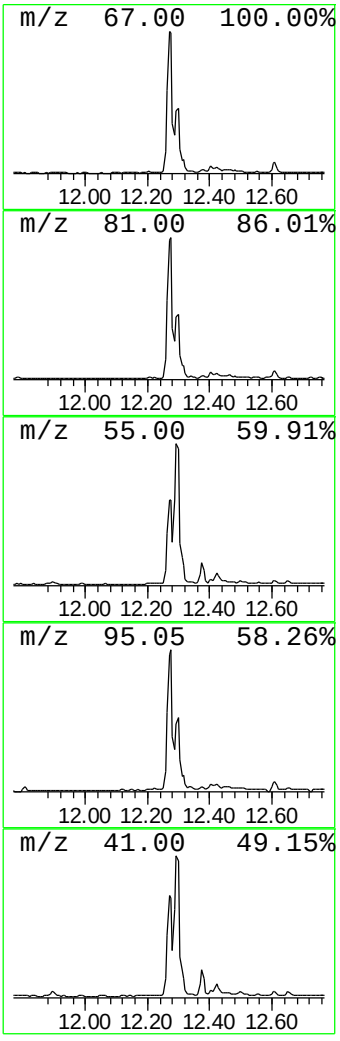
Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	60.38 ng	8885560	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99





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Misc :
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Instrument : BNA_F
ClientSampleId : SU-02-060419-A

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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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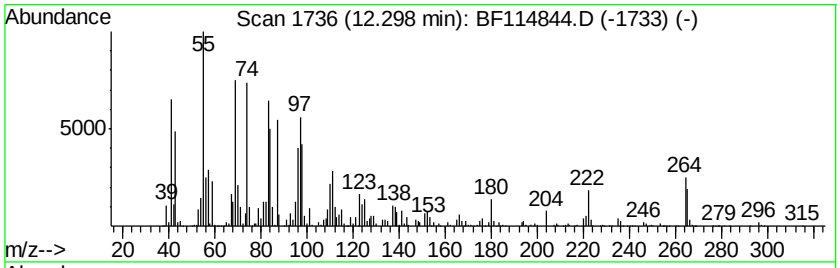
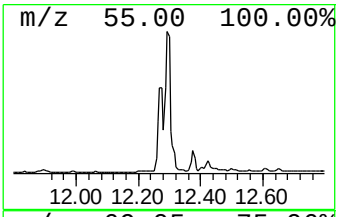
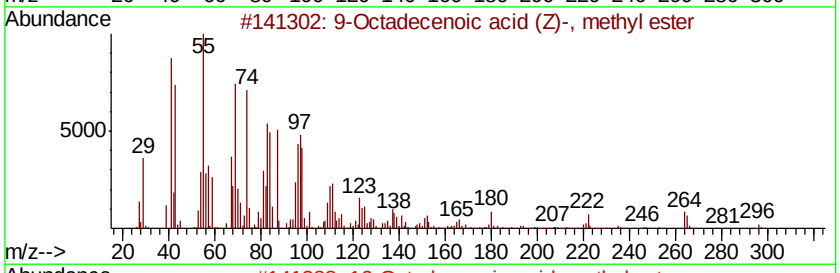
Peak Number 13 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

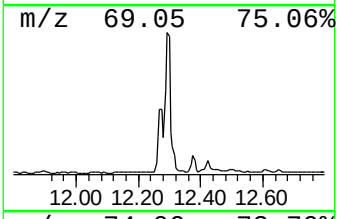
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	78.38 ng	11535900	Phenanthrene-d10	11.17

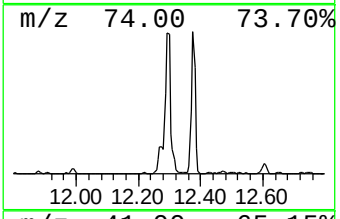
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	95
3	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	90
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	90

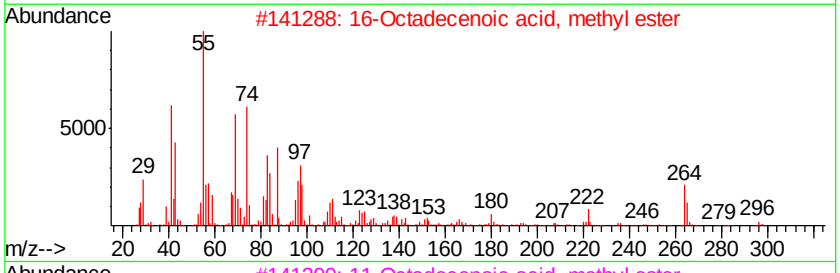


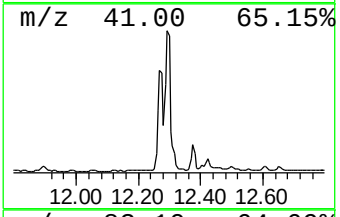


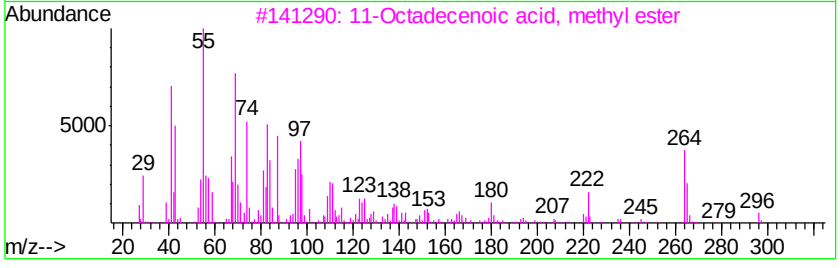


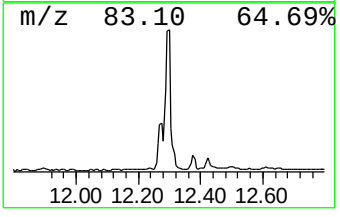












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Acq On : 6 Jun 2019 3:03
Operator : HP/JU
Sample : K3163-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-060419-A

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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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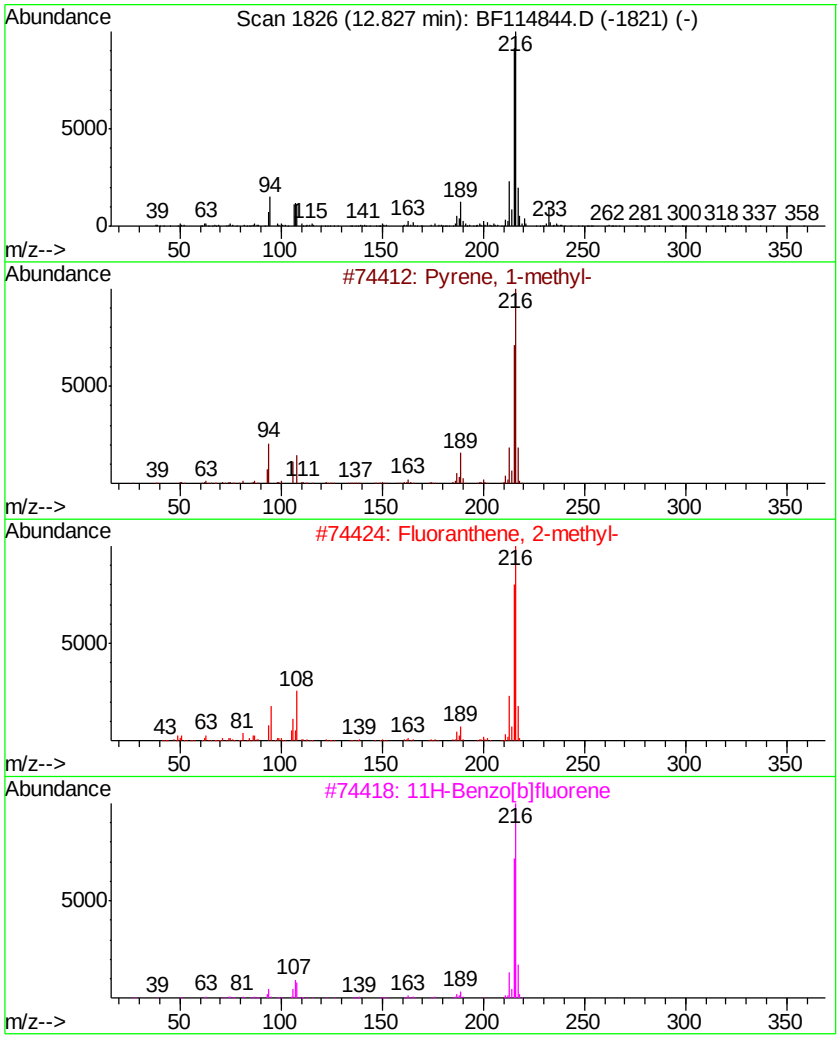
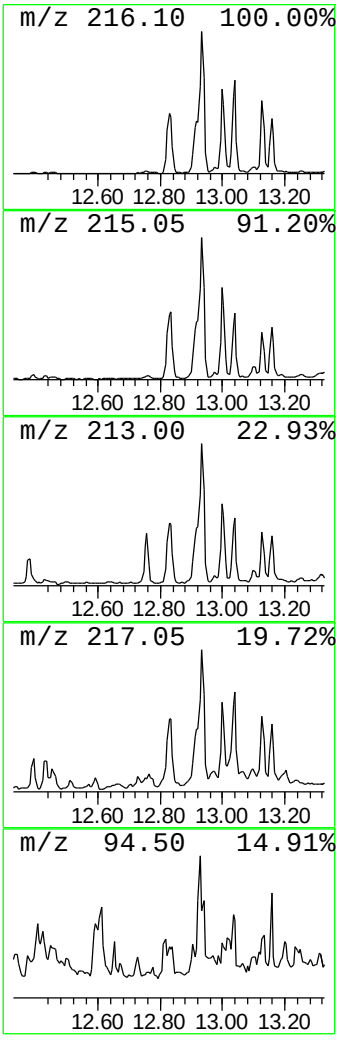
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	2.59 ng	634976	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Misc :
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Instrument : BNA_F
ClientSampleId : SU-02-060419-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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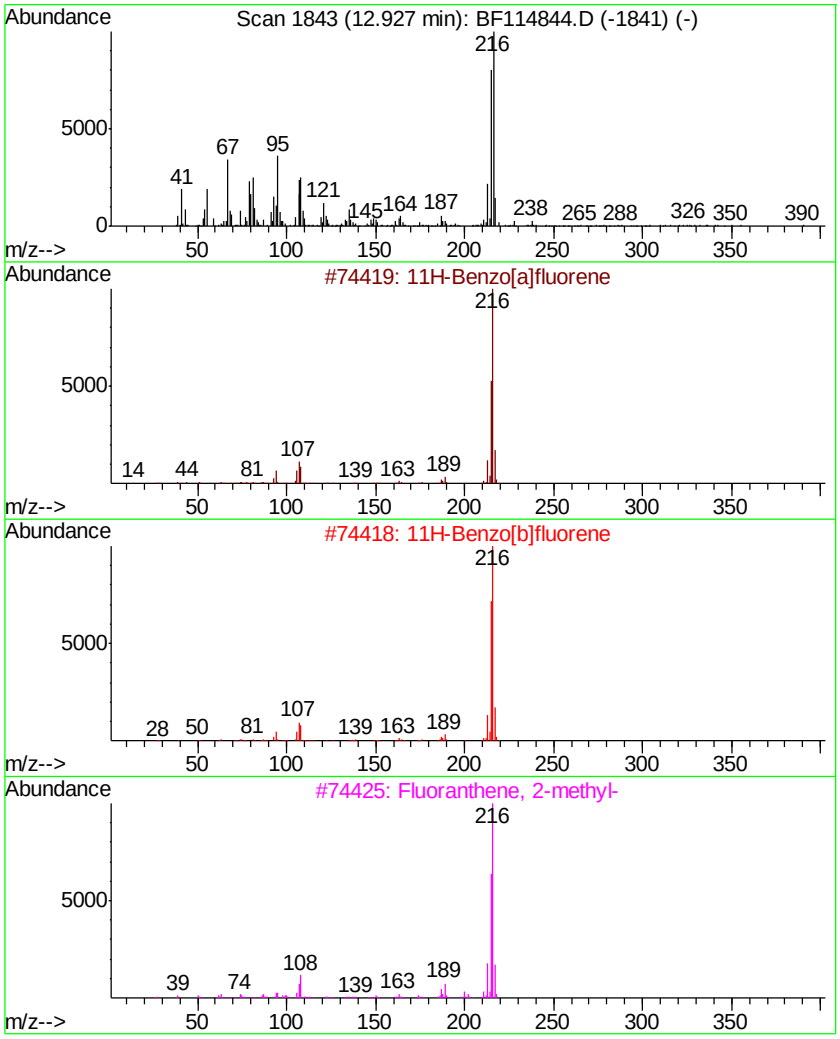
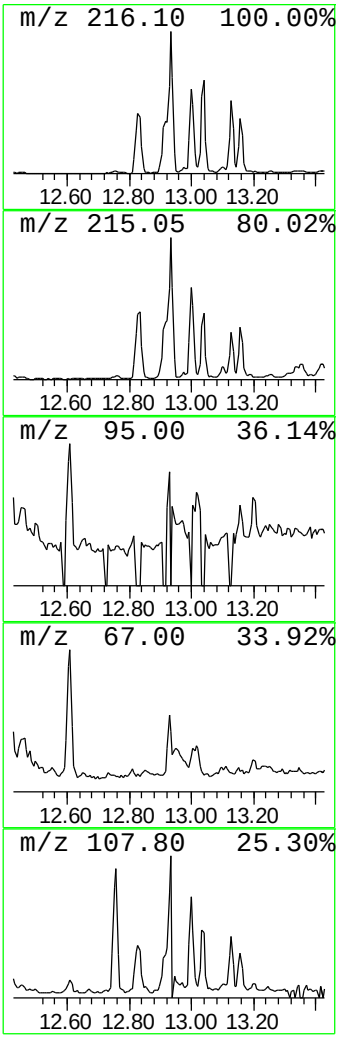
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	3.75 ng	921009	Chrysene-d12	13.80

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	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
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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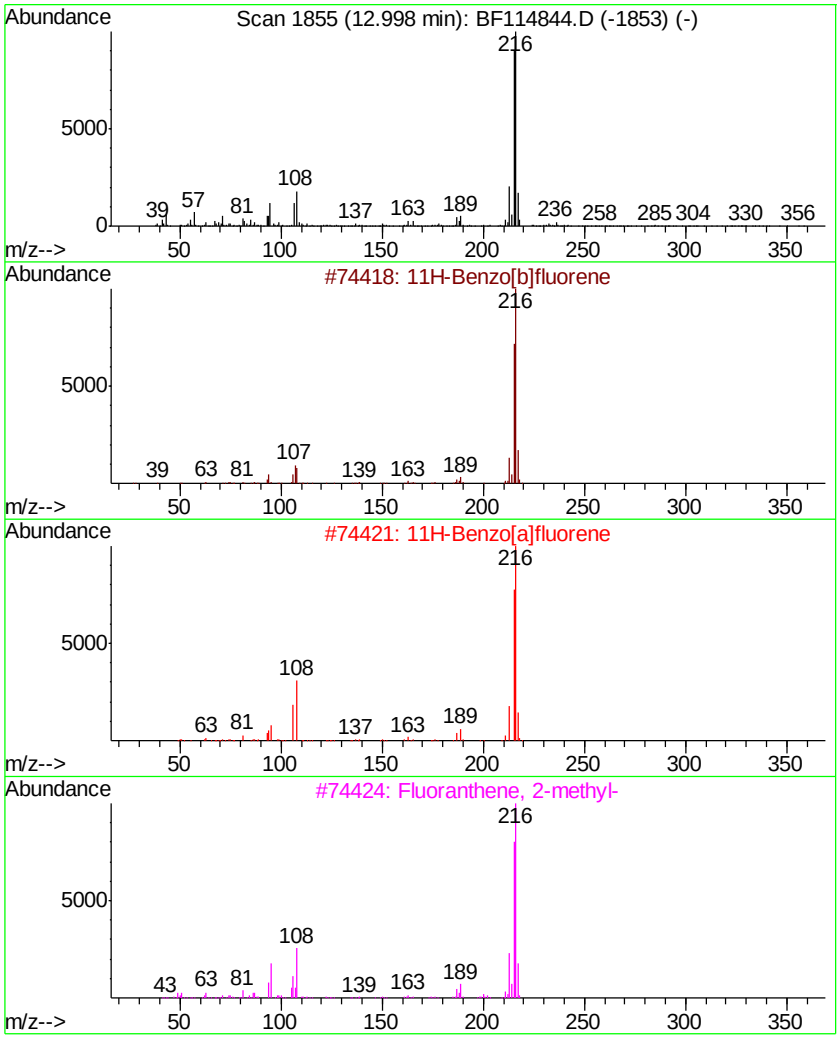
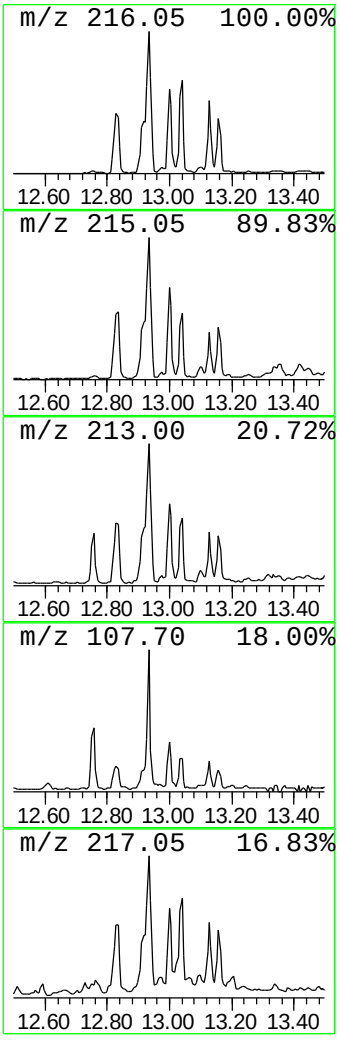
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.55 ng	625674	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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TIC Library : C:\DATABASE\NIST11.L
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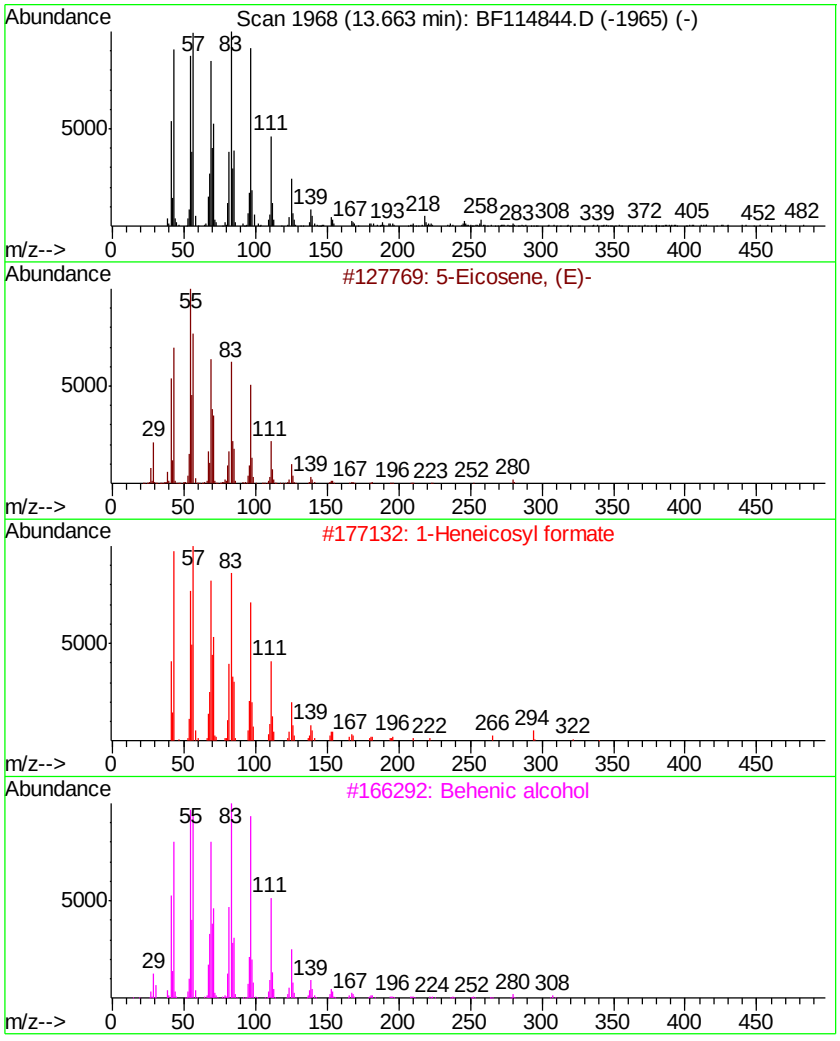
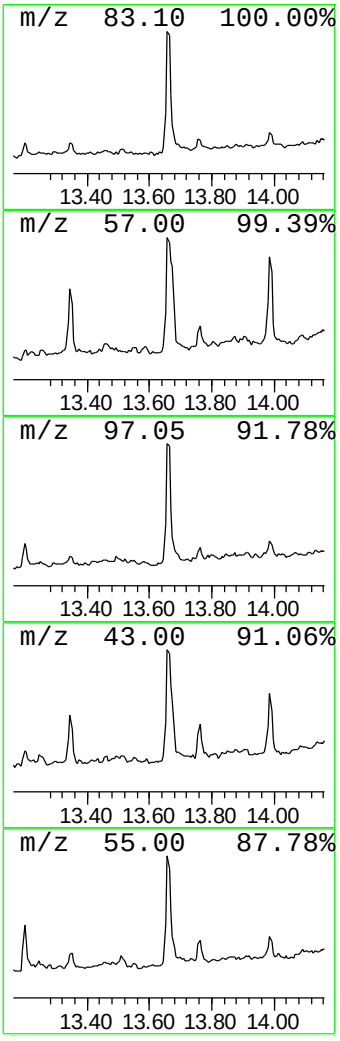
Peak Number 18 5-Eicosene, (E)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	3.23 ng	792738	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91





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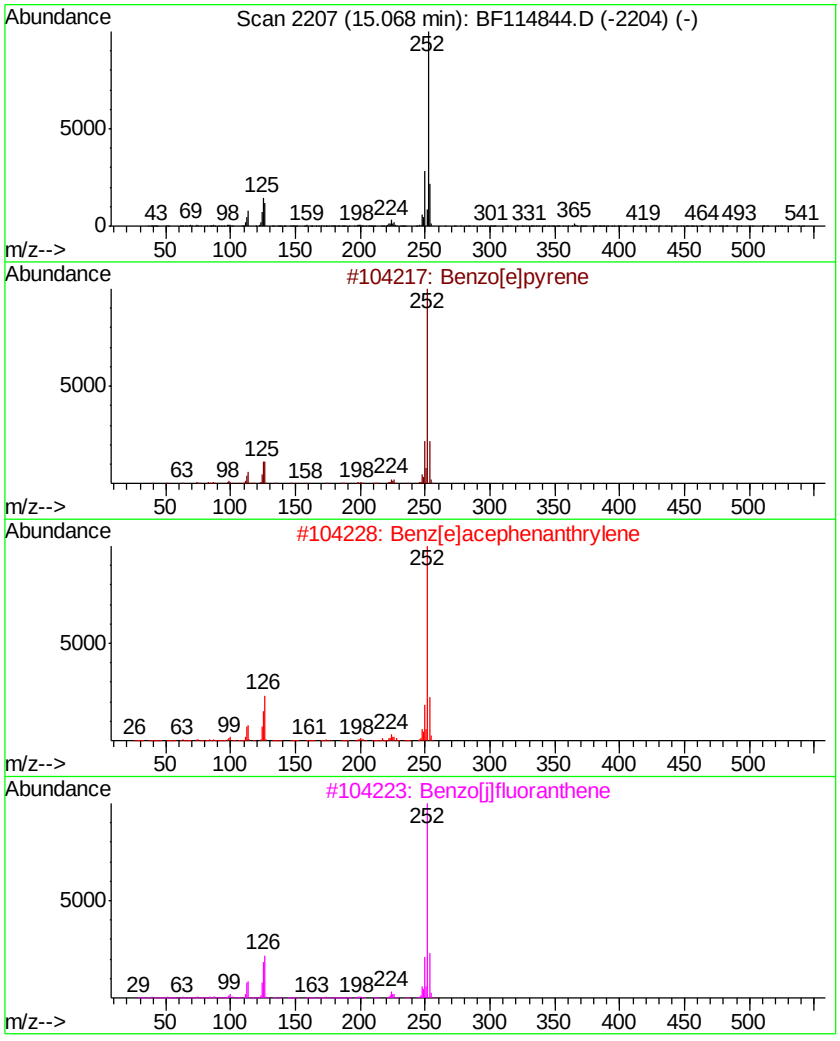
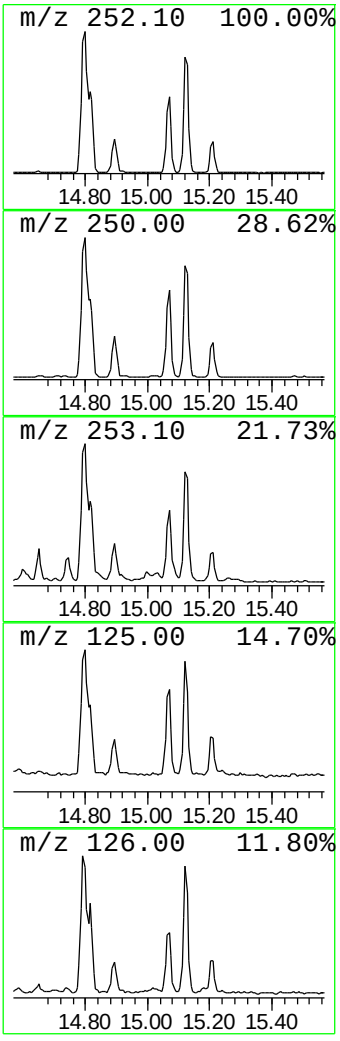
Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	9.66 ng	834780	Perylene-d12	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	89
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060519\
Data File : BF114844.D
Acq On : 6 Jun 2019 3:03
Operator : HP/JU
Sample : K3163-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-060419-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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
unknown6.43	6.43	36.6	ng	3689010	1	6.67	2017080	20.0
Tridecane	10.62	3.4	ng	502845	4	11.17	2943400	20.0
Heptadecane	11.06	3.1	ng	451134	4	11.17	2943400	20.0
Hexadecanoic acid...	11.59	29.4	ng	4328590	4	11.17	2943400	20.0
Phenanthrene, 2-m...	11.67	2.9	ng	419183	4	11.17	2943400	20.0
n-Hexadecanoic acid	11.72	3.9	ng	567293	4	11.17	2943400	20.0
4H-Cyclopenta[def...	11.78	6.1	ng	893020	4	11.17	2943400	20.0
Tridecane, 1-iodo-	11.89	2.5	ng	369633	4	11.17	2943400	20.0
Phenanthrene, 2,5...	12.22	4.3	ng	631909	4	11.17	2943400	20.0
9,12-Octadecadien...	12.27	60.4	ng	8885560	4	11.17	2943400	20.0
9-Octadecenoic ac...	12.30	78.4	ng	11535900	4	11.17	2943400	20.0
Pyrene, 1-methyl-	12.83	2.6	ng	634976	5	13.80	4908020	20.0
11H-Benzo[a]fluorene	12.93	3.8	ng	921009	5	13.80	4908020	20.0
11H-Benzo[b]fluorene	13.00	2.5	ng	625674	5	13.80	4908020	20.0
5-Eicosene, (E)-	13.66	3.2	ng	792738	5	13.80	4908020	20.0
Benzo[e]pyrene	15.07	9.7	ng	834780	6	15.18	1728990	20.0