LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032319\
Data File : BF113256.D
Acq On : 23 Mar 2019 11:53
Operator : JU/SJ
Sample : K2004-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(4-5)

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	5.340	547	553	556	rBV	3958426	4439041	86.22%	6.461%
2	6.369	722	728	743	rVV	3941233	5052982	98.15%	7.355%
3	6.493	743	749	752	rVV	4444992	4743755	92.14%	6.905%
4	6.557	756	760	771	rVB	76879	112430	2.18%	0.164%
5	6.710	783	786	790	rBV	1221755	1044999	20.30%	1.521%
6	6.869	809	813	817	rBV	3742847	3551618	68.99%	5.170%
7	7.281	877	883	886	rBV	2822877	3163388	61.45%	4.605%
8	7.992	1000	1004	1011	rBV	1514534	1449023	28.15%	2.109%
9	9.075	1182	1188	1191	rBV	5104219	5148276	100.00%	7.494%
10	9.163	1200	1203	1206	rVB2	56744	52668	1.02%	0.077%
11	9.463	1250	1254	1263	rVB	576358	512691	9.96%	0.746%
12	9.686	1290	1292	1297	rVB	73318	58734	1.14%	0.085%
13	9.745	1297	1302	1306	rBV	1863884	1646703	31.99%	2.397%
14	9.963	1334	1339	1343	rBV2	52114	77862	1.51%	0.113%
15	10.186	1374	1377	1381	rVB	100304	78606	1.53%	0.114%
16	10.539	1431	1437	1440	rBV	3706568	3953897	76.80%	5.755%
17	10.657	1454	1457	1465	rVB	144468	155984	3.03%	0.227%
18	11.104	1530	1533	1536	rBV	148540	116304	2.26%	0.169%
19	11.228	1550	1554	1556	rBV	1995932	1817926	35.31%	2.646%
20	11.245	1556	1557	1561	rVB	232495	188341	3.66%	0.274%
21	11.527	1602	1605	1608	rBV	161982	141184	2.74%	0.206%
22	11.727	1636	1639	1641	rBV	118109	104039	2.02%	0.151%
23	11.769	1641	1646	1654	rVV2	1059991	1288270	25.02%	1.875%
24	11.863	1660	1662	1667	rVB2	91132	91029	1.77%	0.132%
25	11.933	1672	1674	1677	rVB	179674	149341	2.90%	0.217%
26	12.169	1712	1714	1717	rVB	88979	81534	1.58%	0.119%
27	12.204	1717	1720	1722	rBV	86141	73545	1.43%	0.107%
28	12.227	1722	1724	1728	rVB	65737	56578	1.10%	0.082%
29	12.275	1729	1732	1735	rBV	164972	179479	3.49%	0.261%
30	12.322	1738	1740	1744	rVV2	301417	305423	5.93%	0.445%
31	12.357	1744	1746	1750	rVB	117897	118348	2.30%	0.172%
32	12.433	1756	1759	1762	rBV	536019	479114	9.31%	0.697%
33	12.551	1775	1779	1785	rBV	861531	950622	18.46%	1.384%
34	12.663	1794	1798	1801	rVB	657045	552124	10.72%	0.804%

LSC Area Percent Report

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Sample : K2004-12
Misc :
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Instrument : BNA_F
ClientSampleId : SB-23(4-5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

35	12.692	1801	1803	1806	rVB2	339389	283397	5.50%	0.413%
36	12.727	1806	1809	1812	rVB	138132	139293	2.71%	0.203%
37	12.774	1815	1817	1819	rBV2	65519	72775	1.41%	0.106%
38	12.816	1819	1824	1827	rBV	4717971	5050465	98.10%	7.351%
39	12.880	1832	1835	1838	rBV4	129700	176870	3.44%	0.257%
40	12.945	1843	1846	1848	rBV2	146699	135147	2.63%	0.197%
41	13.051	1860	1864	1867	rVB2	373808	373861	7.26%	0.544%
42	13.092	1868	1871	1876	rVV2	340251	362455	7.04%	0.528%
43	13.186	1885	1887	1890	rVB	107077	74609	1.45%	0.109%
44	13.216	1890	1892	1895	rBV	83766	72157	1.40%	0.105%
45	13.392	1919	1922	1925	rVB	498472	424507	8.25%	0.618%
46	13.498	1937	1940	1948	rVB2	233479	267345	5.19%	0.389%
47	13.598	1955	1957	1961	rBV3	111447	162615	3.16%	0.237%
48	13.721	1974	1978	1988	rVB4	710607	1133616	22.02%	1.650%
49	13.857	1997	2001	2004	rBV2	1417867	1852229	35.98%	2.696%
50	13.880	2004	2005	2009	rVB	669534	492349	9.56%	0.717%
51	13.945	2014	2016	2021	rVB4	133633	158168	3.07%	0.230%
52	14.033	2027	2031	2035	rVB	673474	654198	12.71%	0.952%
53	14.210	2058	2061	2062	rBV	191255	174888	3.40%	0.255%
54	14.245	2062	2067	2070	rVV	702509	889453	17.28%	1.295%
55	14.280	2070	2073	2075	rVV	454066	434076	8.43%	0.632%
56	14.333	2079	2082	2086	rVB2	867190	918959	17.85%	1.338%
57	14.368	2086	2088	2090	rBV	127886	107661	2.09%	0.157%
58	14.574	2120	2123	2128	rBV2	181072	282310	5.48%	0.411%
59	14.633	2129	2133	2135	rBV2	1153353	1244808	24.18%	1.812%
60	14.868	2170	2173	2176	rBV	482729	598225	11.62%	0.871%
61	14.945	2182	2186	2194	rVB2	1204308	1498126	29.10%	2.181%
62	15.151	2218	2221	2226	rVV	573346	715715	13.90%	1.042%
63	15.210	2227	2231	2237	rVB	608867	747924	14.53%	1.089%
64	15.268	2237	2241	2244	rBV	960499	1336943	25.97%	1.946%
65	15.298	2244	2246	2256	rVB2	1188747	1528072	29.68%	2.224%
66	15.568	2289	2292	2295	rBV	250787	276011	5.36%	0.402%
67	15.604	2295	2298	2306	rVB	329436	448464	8.71%	0.653%
68	15.704	2310	2315	2321	rVB	740732	1097798	21.32%	1.598%
69	16.168	2390	2394	2400	rVB	331406	511090	9.93%	0.744%
70	16.633	2468	2473	2479	rVB2	425103	799222	15.52%	1.163%
71	16.709	2481	2486	2495	rVB3	188310	402487	7.82%	0.586%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SB-23(4-5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.045	2538	2543	2552	rVB	428892	867525	16.85%	1.263%

Sum of corrected areas: 68701671

LSC Report - Integrated Chromatogram

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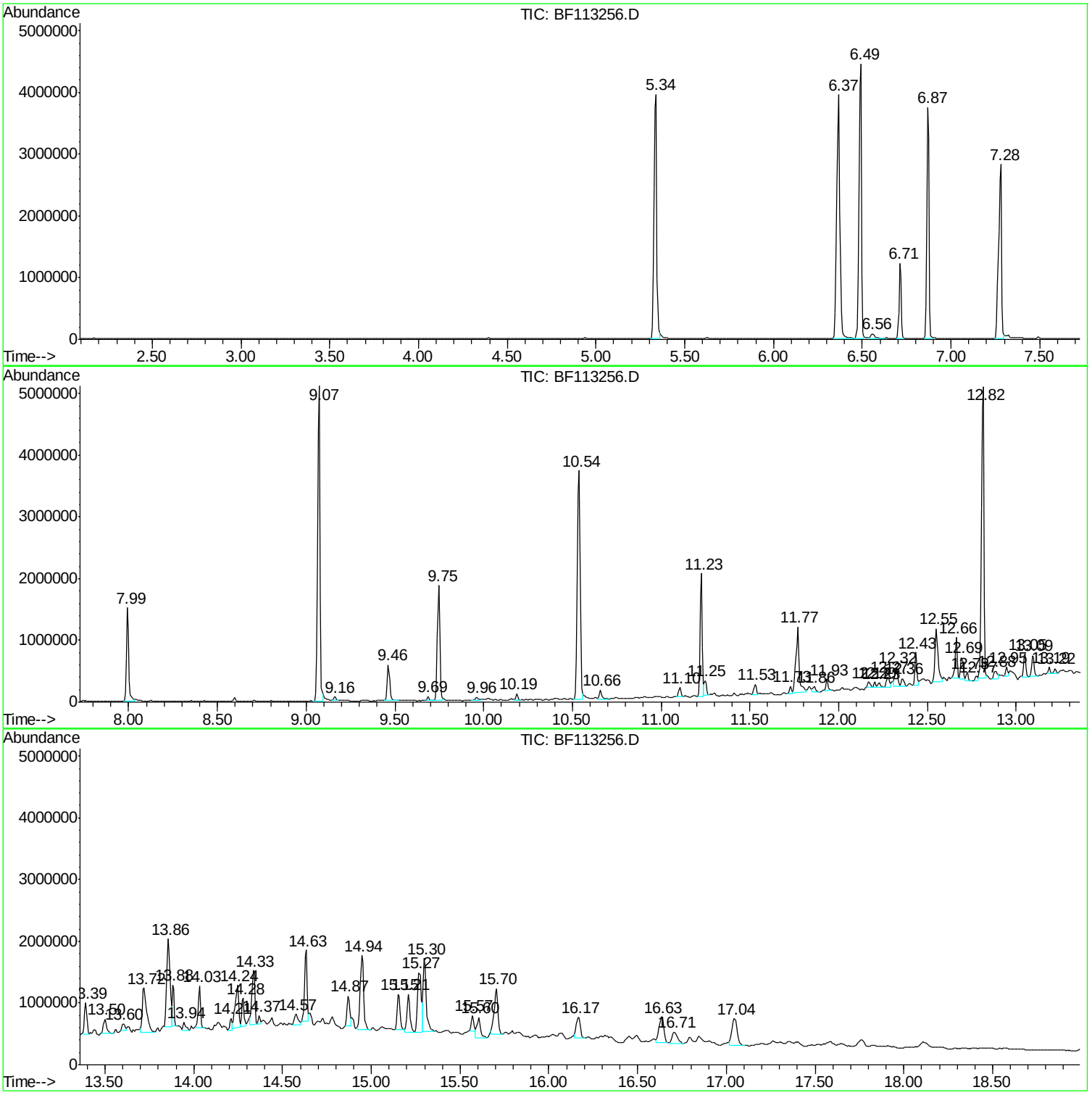
Sample : K2004-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(4-5)

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032319\
Data File : BF113256.D
Acq On : 23 Mar 2019 11:53
Operator : JU/SJ
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Instrument : BNA_F
ClientSampleId : SB-23(4-5)

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

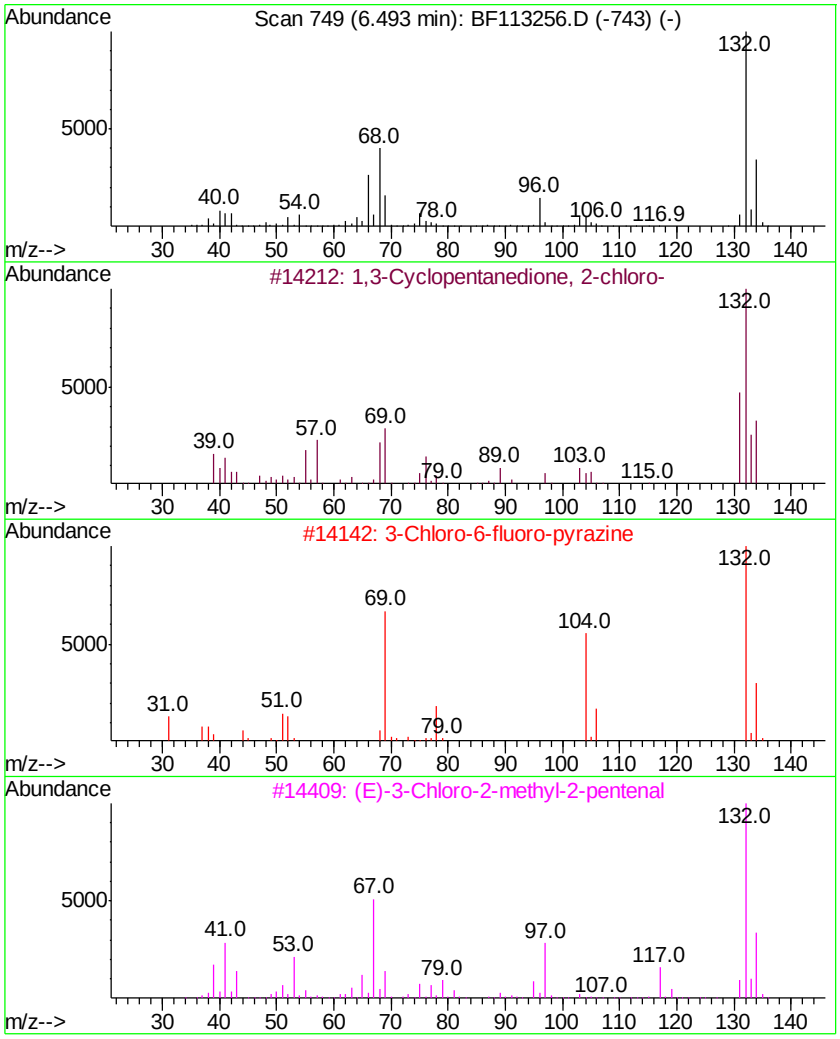
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

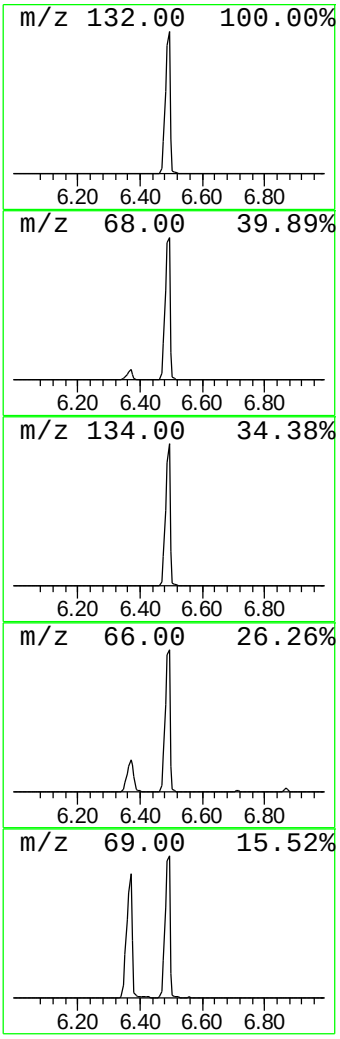
****

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	90.79 ng	4743760	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	47
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

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Data File : BF113256.D
Acq On : 23 Mar 2019 11:53
Operator : JU/SJ
Sample : K2004-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(4-5)

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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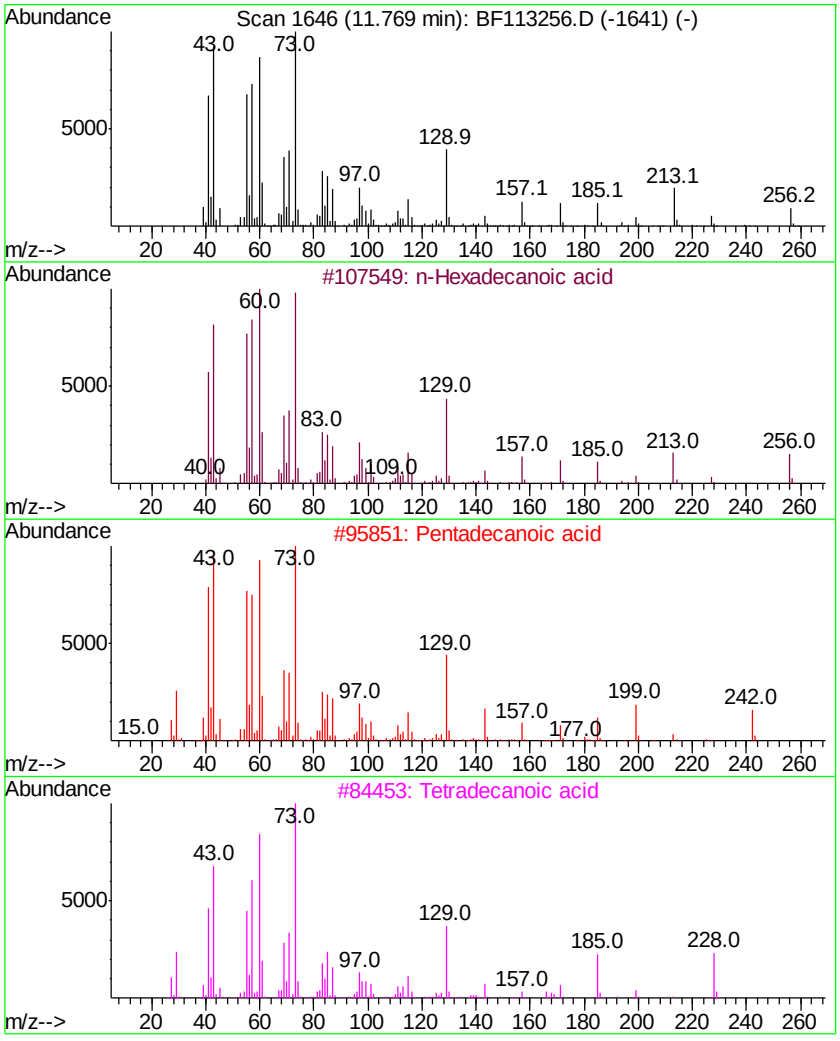
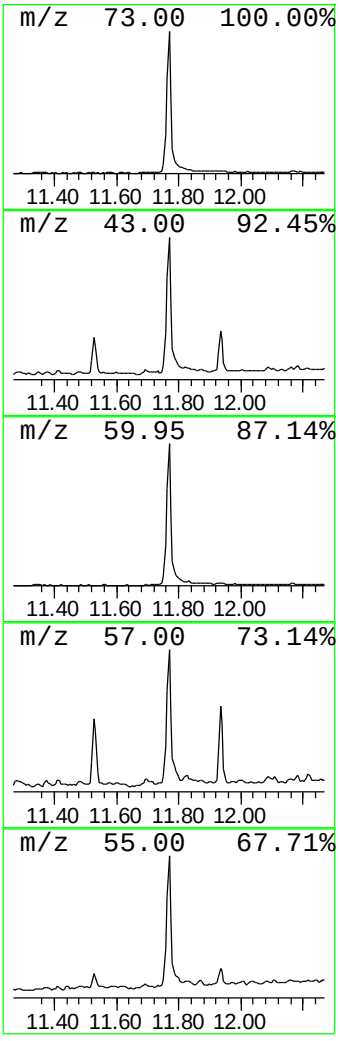
Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	14.17 ng	1288270	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032319\
Data File : BF113256.D
Acq On : 23 Mar 2019 11:53
Operator : JU/SJ
Sample : K2004-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(4-5)

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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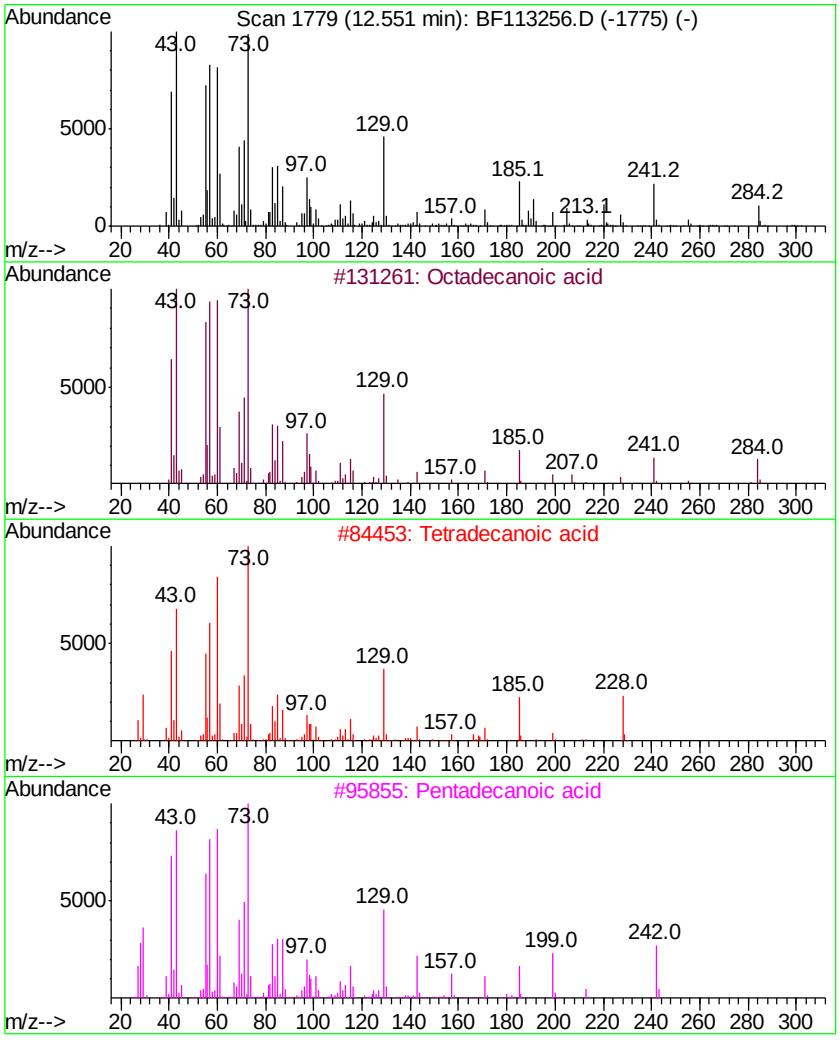
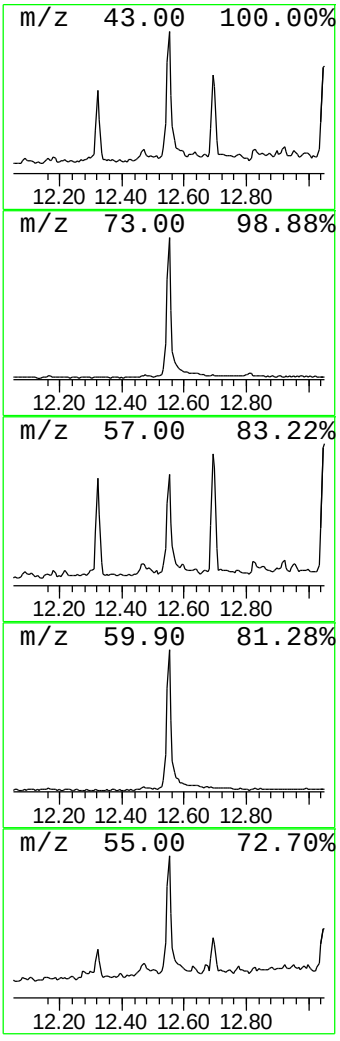
Peak Number 4 Tetradecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	10.26 ng	950622	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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Sample : K2004-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(4-5)

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
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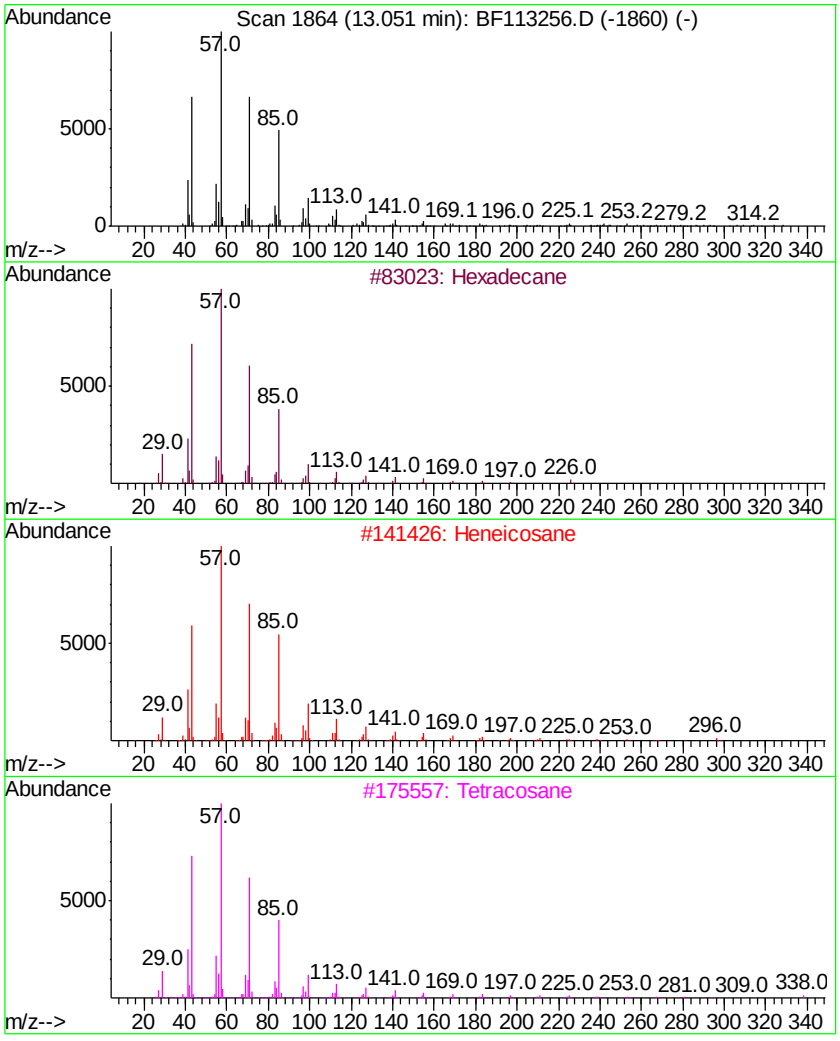
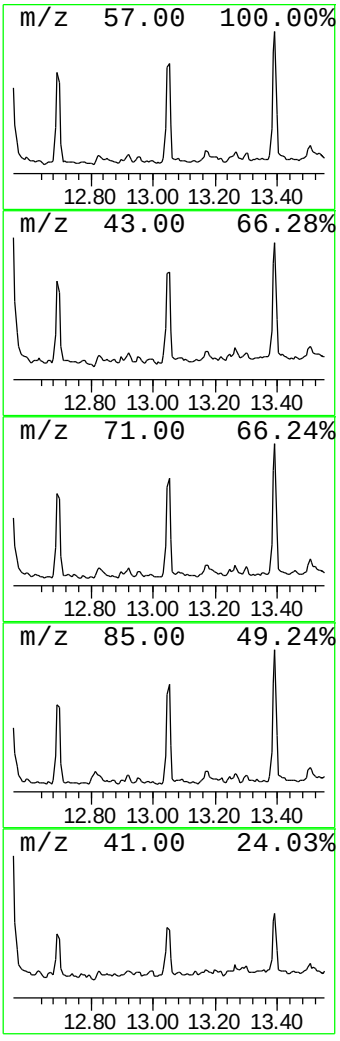
Peak Number 5 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	4.04 ng	373861	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	87
4	Nonadecane	268	C19H40	000629-92-5	86
5	Eicosane	282	C20H42	000112-95-8	83





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Sample : K2004-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(4-5)

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

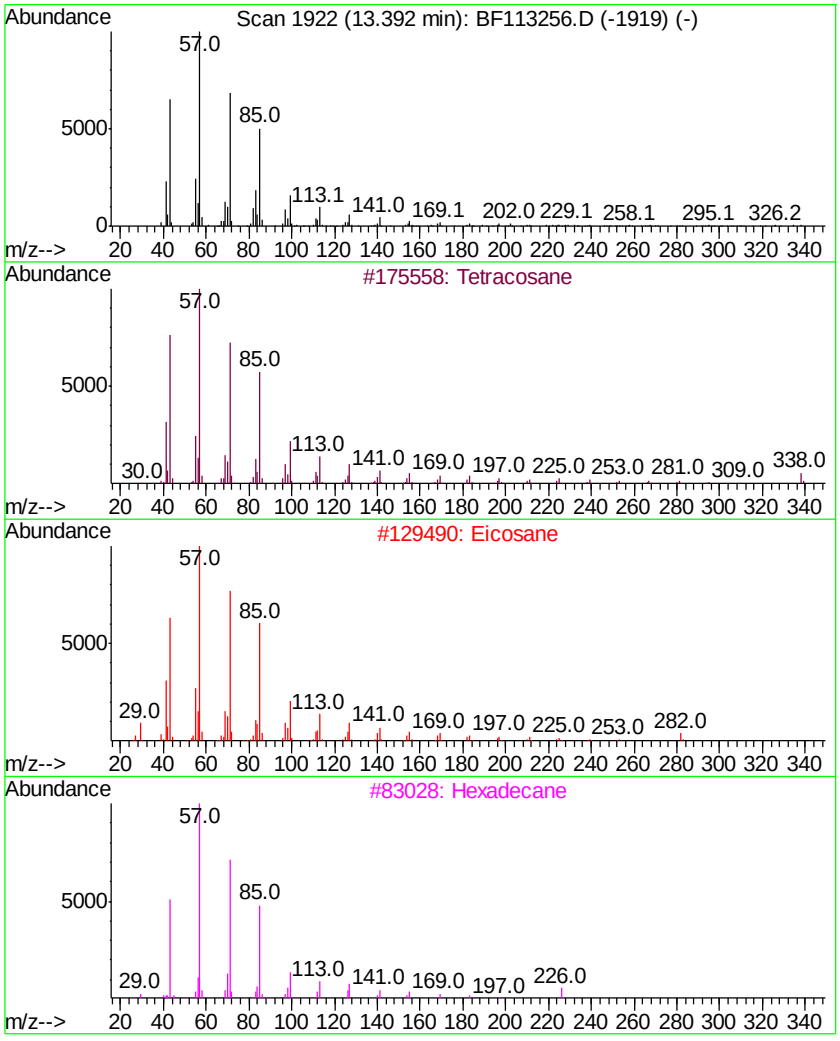
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

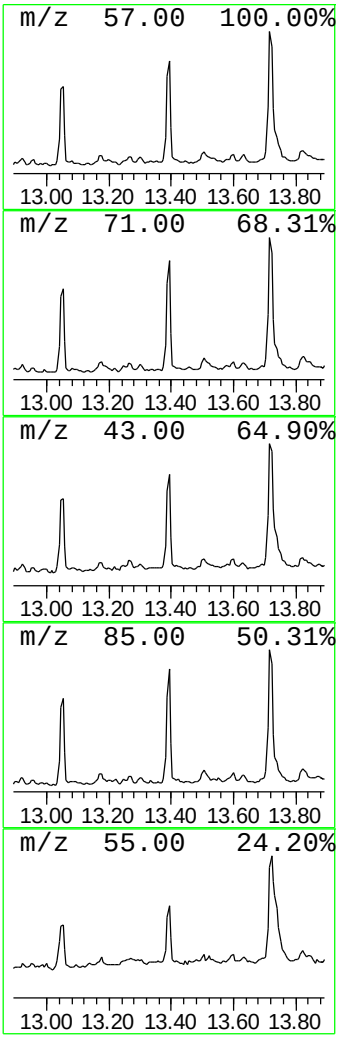
****

Peak Number 6 Tetracosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	4.58 ng	424507	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Eicosane	282	C20H42	000112-95-8	93
3	Hexadecane	226	C16H34	000544-76-3	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octadecane	254	C18H38	000593-45-3	90





Library Search Compound Report

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Sample : K2004-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(4-5)

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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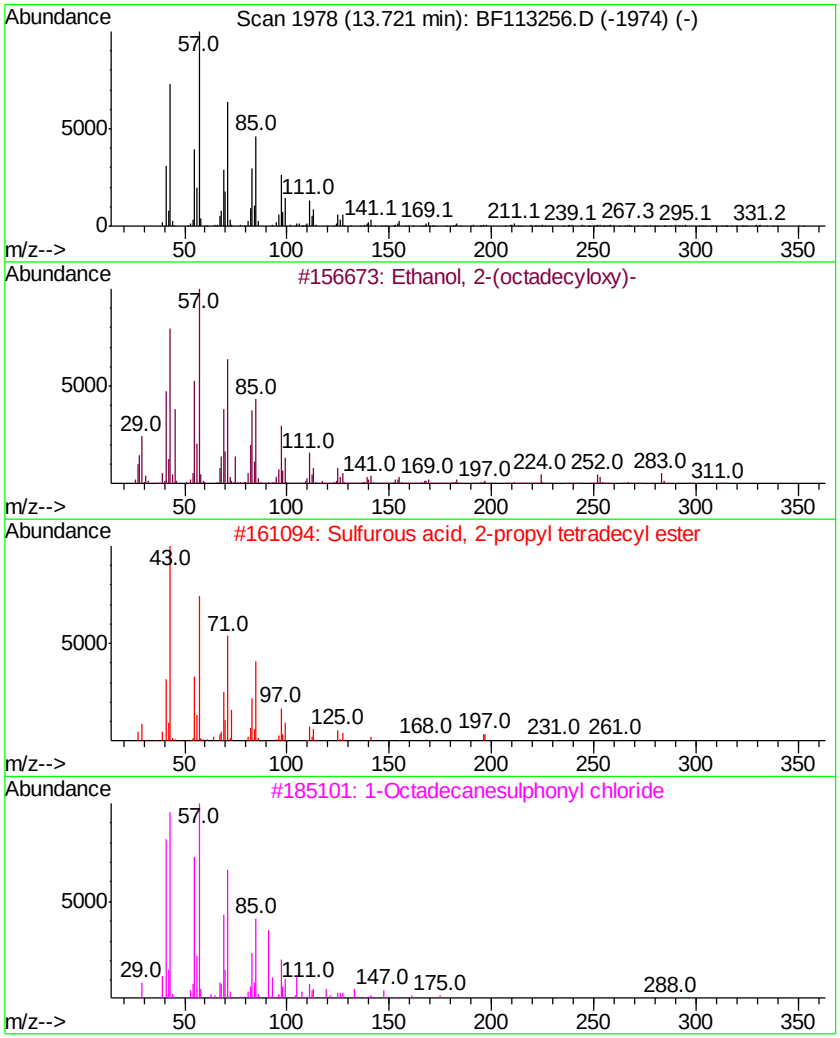
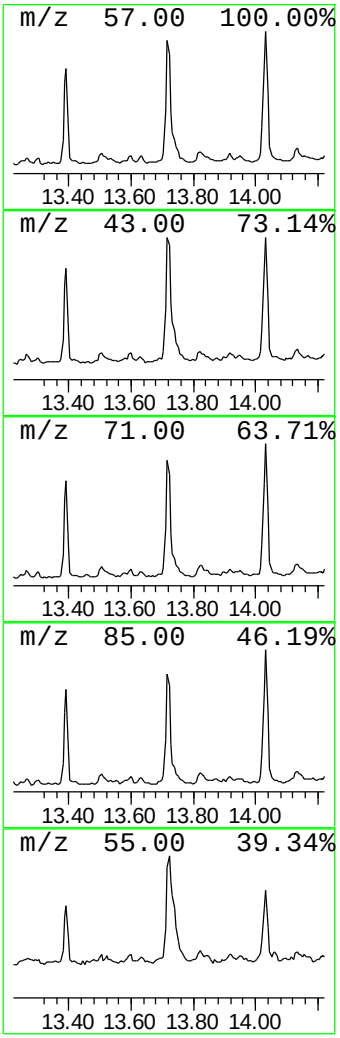
Peak Number 7 Ethanol, 2-(octadecyloxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	12.24 ng	1133620	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	94
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	91
3	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
4	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	90
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032319\
Data File : BF113256.D
Acq On : 23 Mar 2019 11:53
Operator : JU/SJ
Sample : K2004-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(4-5)

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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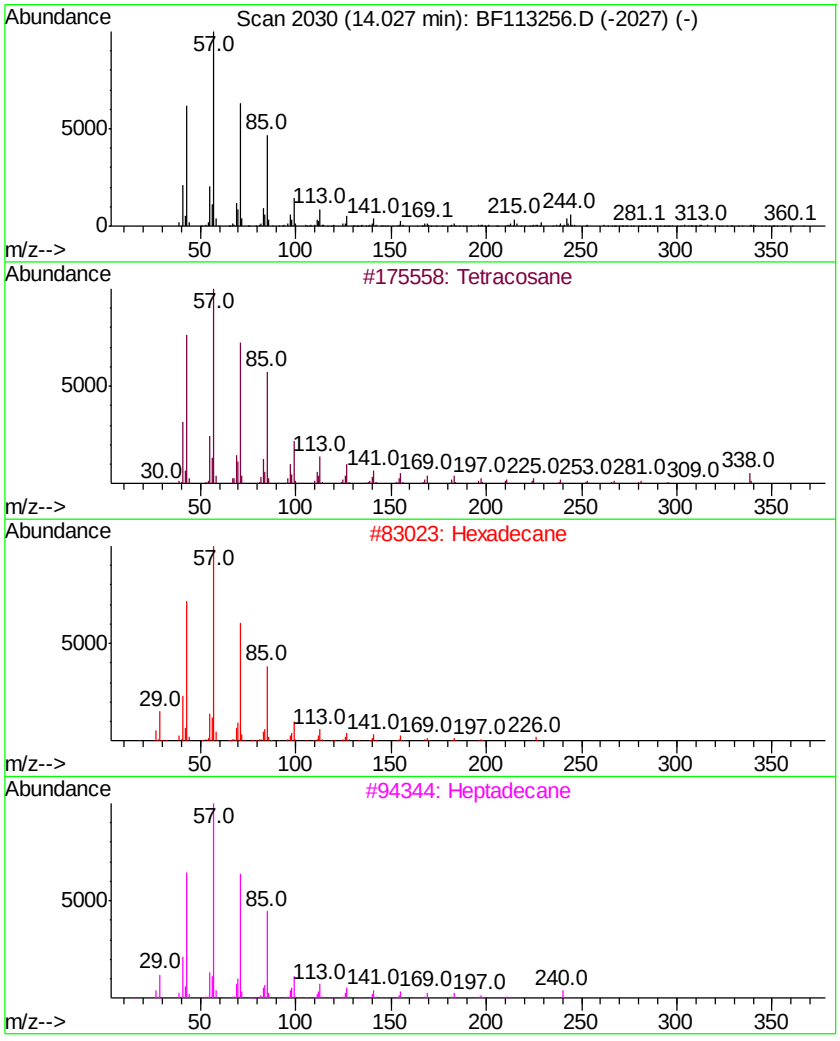
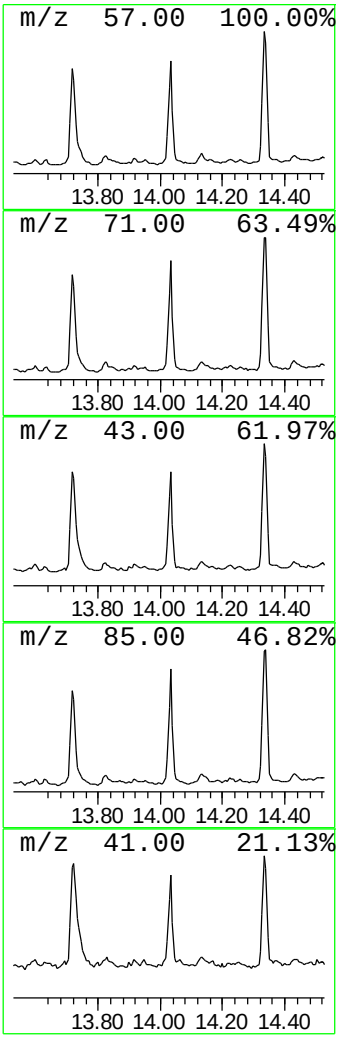
Peak Number 8 Eicosane, 10-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	7.06 ng	654198	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Hexadecane	226	C16H34	000544-76-3	96
3	Heptadecane	240	C17H36	000629-78-7	95
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Heneicosane	296	C21H44	000629-94-7	90





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Operator : JU/SJ
Sample : K2004-12
Misc :
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Instrument : BNA_F
ClientSampleId : SB-23(4-5)

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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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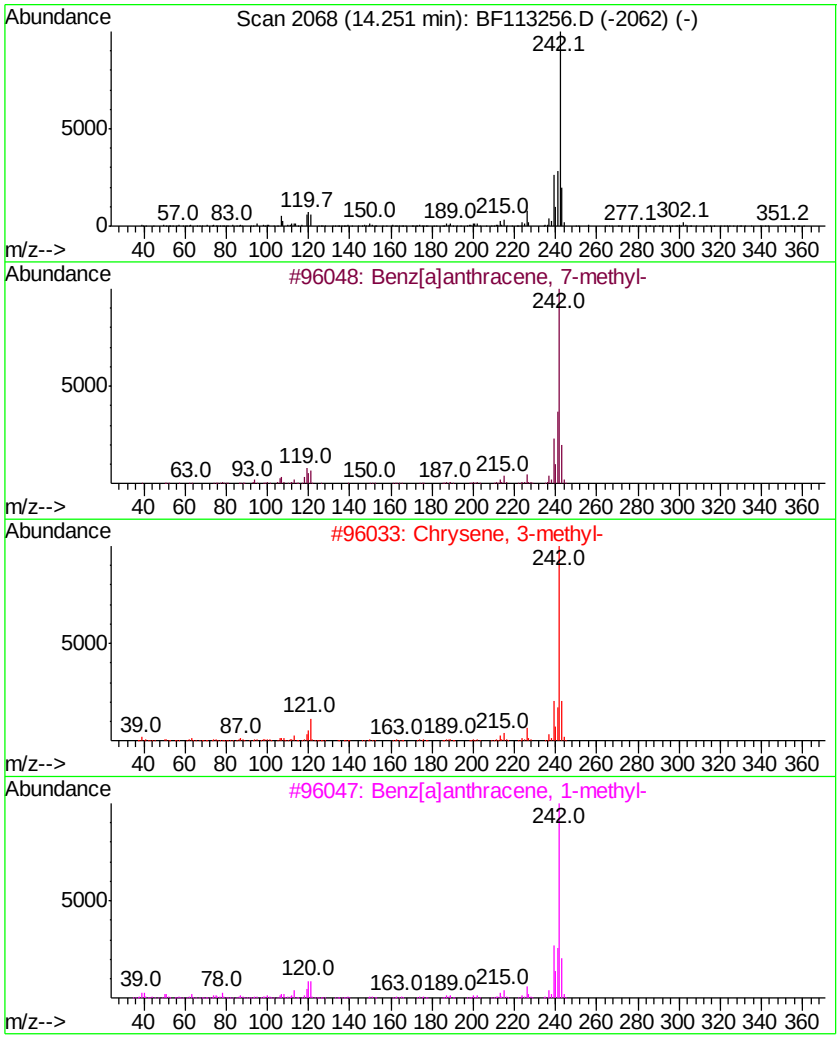
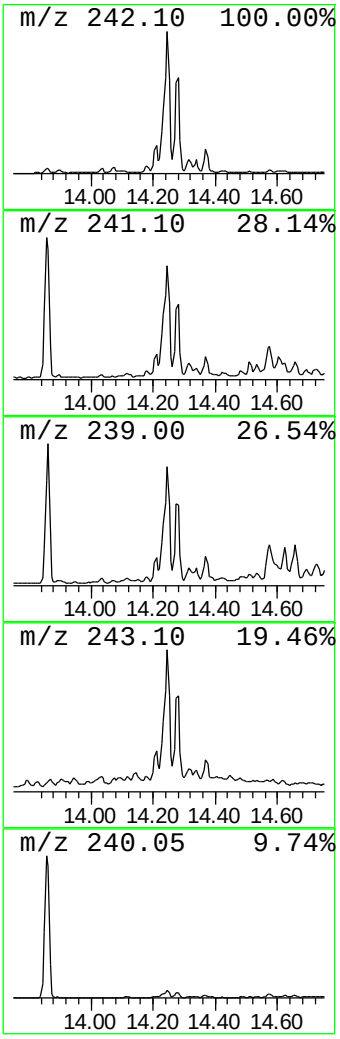
Peak Number 9 Benz[a]anthracene, 7-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	9.60 ng	889453	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
2	Chrysene, 3-methyl-	242	C19H14	003351-31-3	95
3	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	93
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93





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Instrument : BNA_F
ClientSampleId : SB-23(4-5)

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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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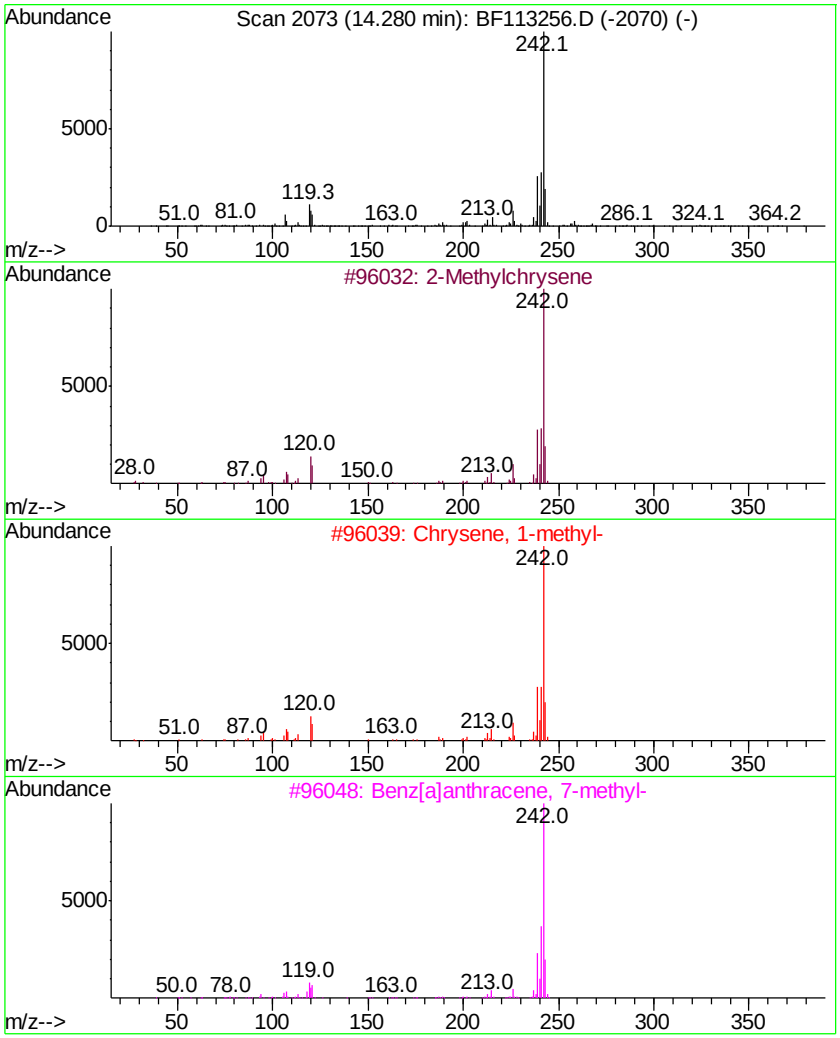
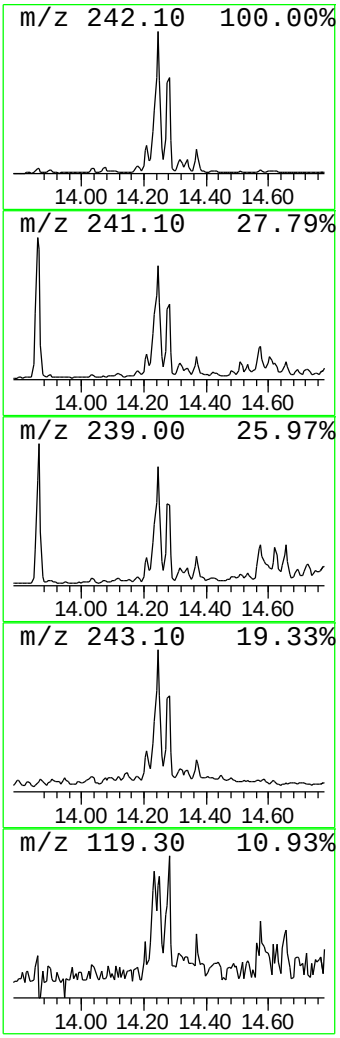
Peak Number 10 2-Methylchrysene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	4.69 ng	434076	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	96
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	94
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90





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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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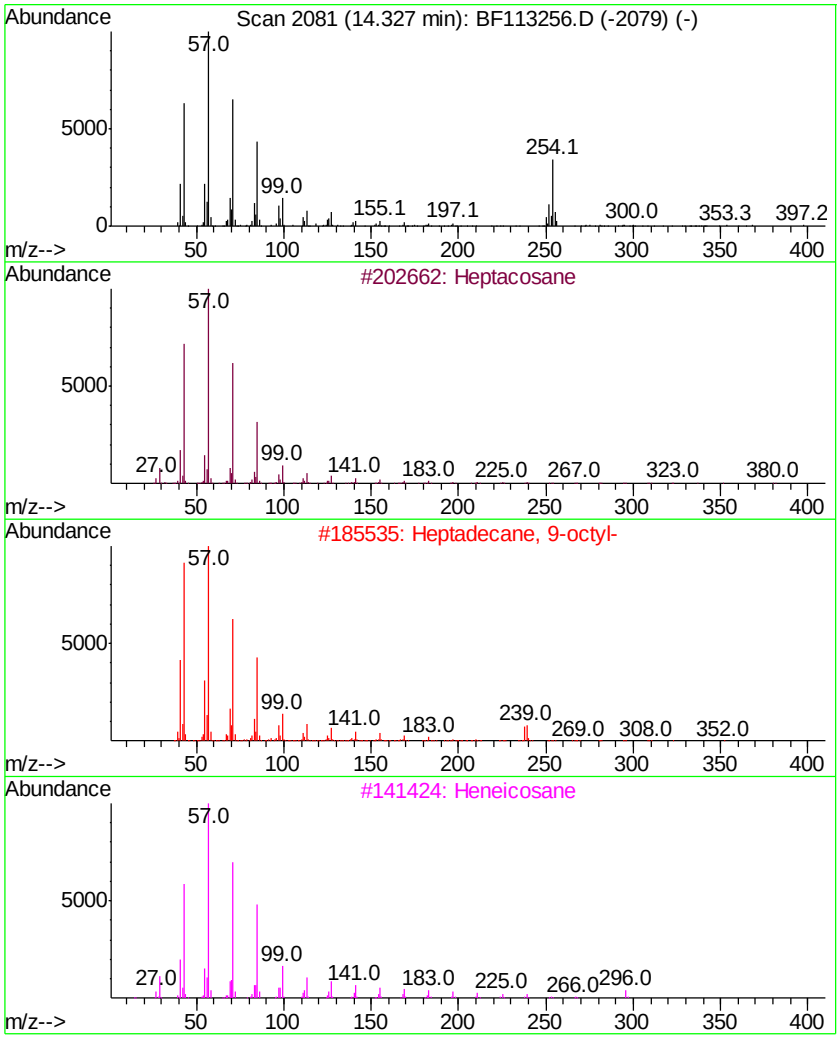
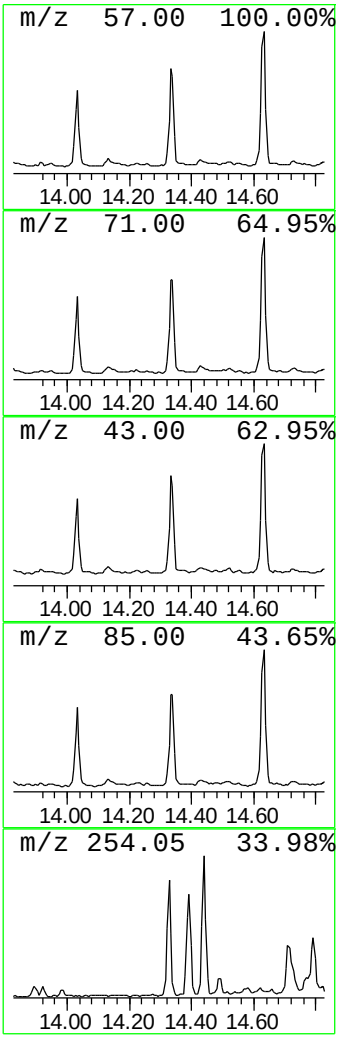
Peak Number 11 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	9.92 ng	918959	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3	Heneicosane	296	C21H44	000629-94-7	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





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

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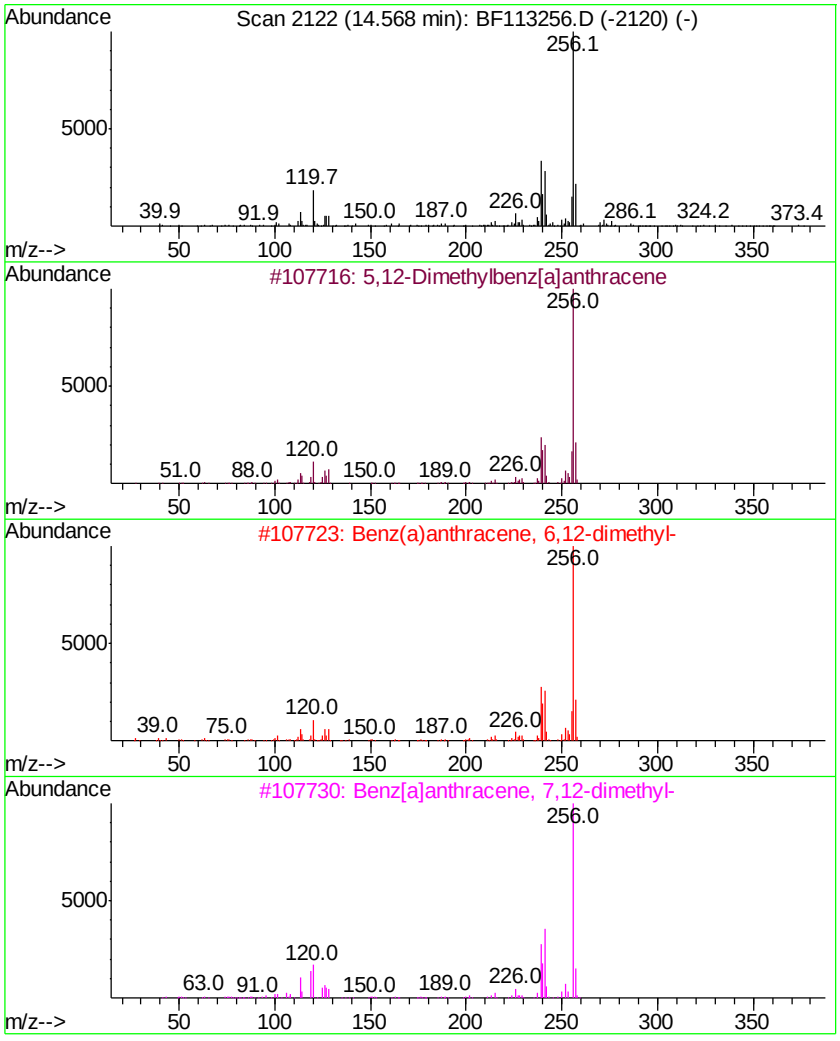
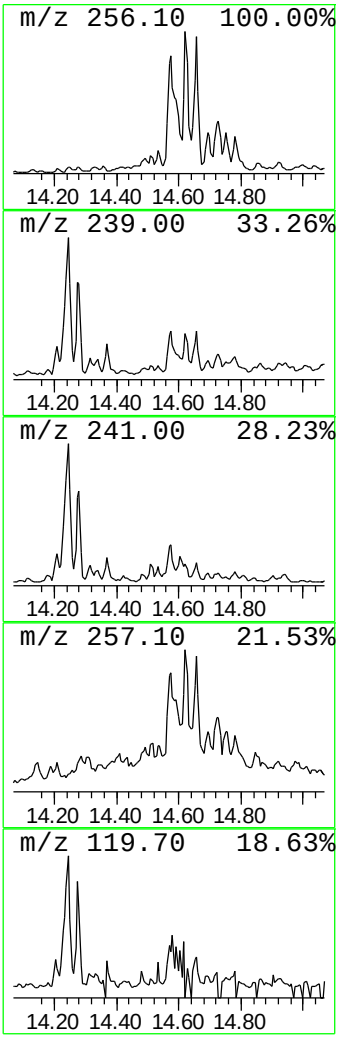
Peak Number 12 5,12-Dimethylbenz[a]anthracene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	4.22 ng	282310	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Dimethylbenz[a]anthracene	256	C20H16	021297-22-3	94
2	Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	94
3	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	93
4	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	93
5	4,12-Dimethylbenz[a]anthracene	256	C20H16	035187-19-0	93





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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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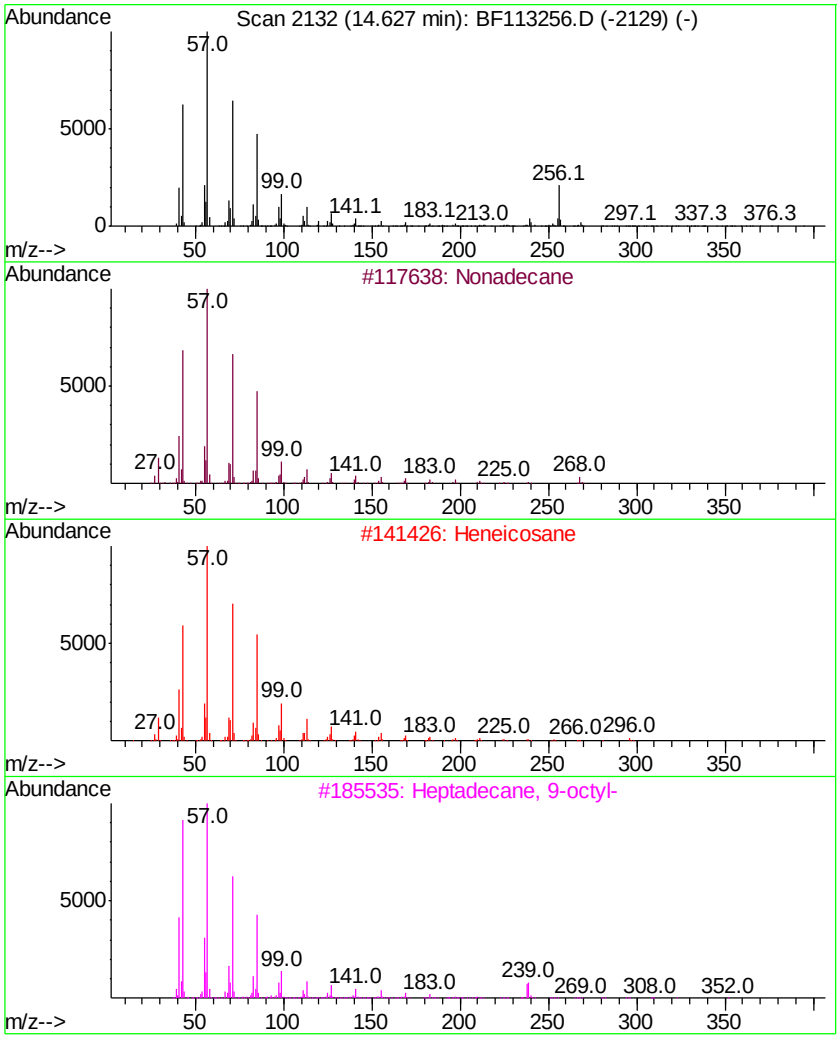
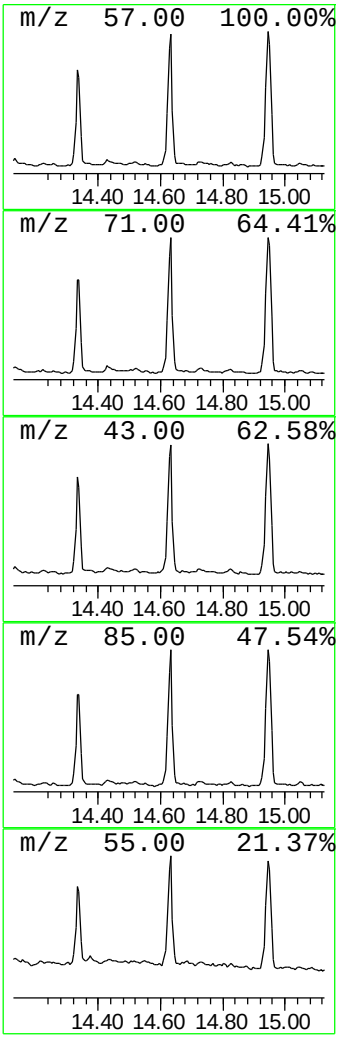
Peak Number 13 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	18.62 ng	1244810	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Octacosane	394	C28H58	000630-02-4	87





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Sample : K2004-12
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Instrument : BNA_F
ClientSampleId : SB-23(4-5)

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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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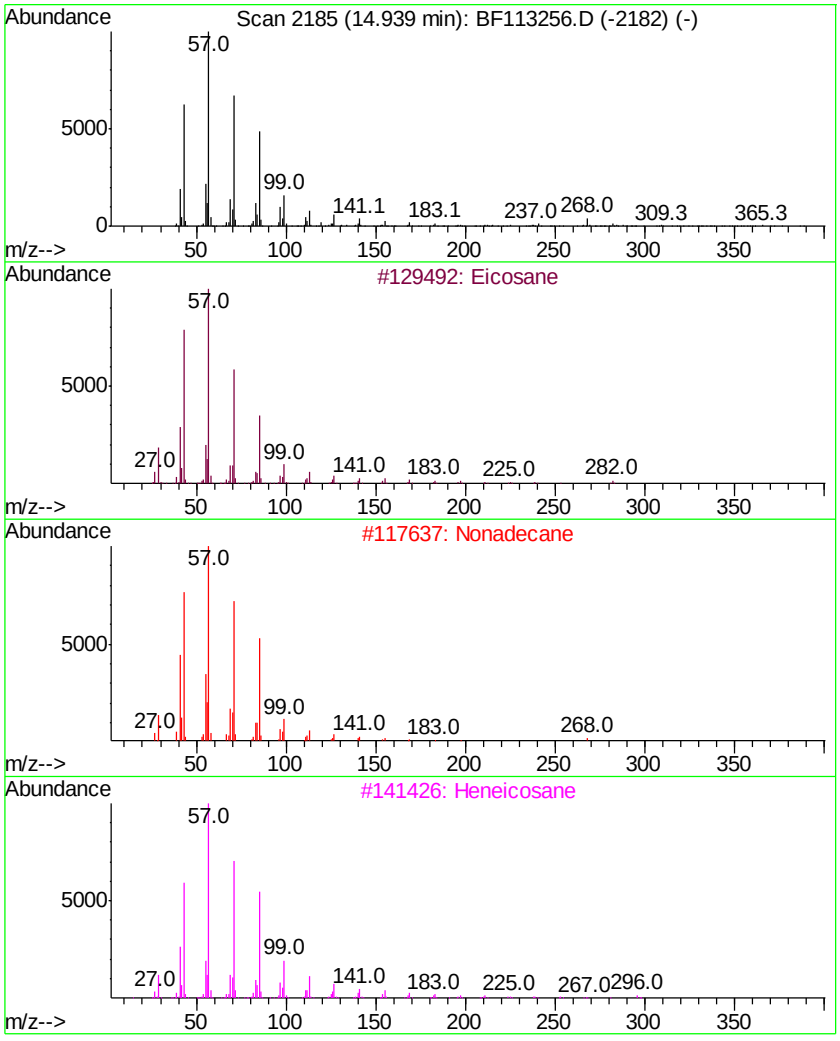
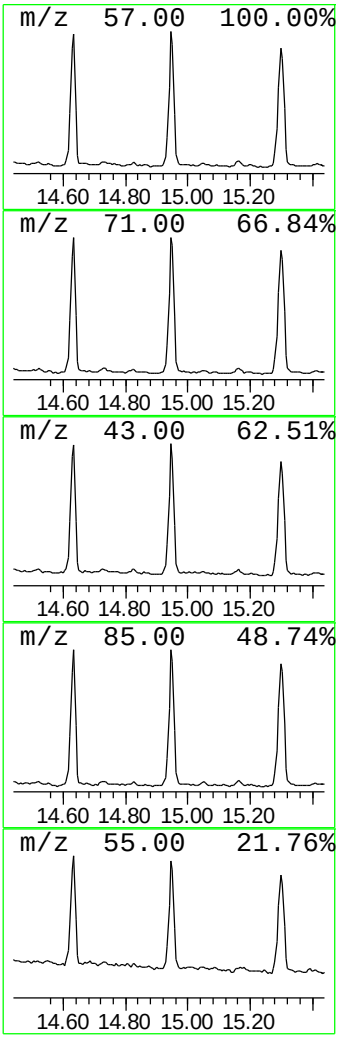
Peak Number 14 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	22.41 ng	1498130	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Nonadecane	268	C19H40	000629-92-5	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Sample : K2004-12
Misc :
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Instrument : BNA_F
ClientSampleId : SB-23(4-5)

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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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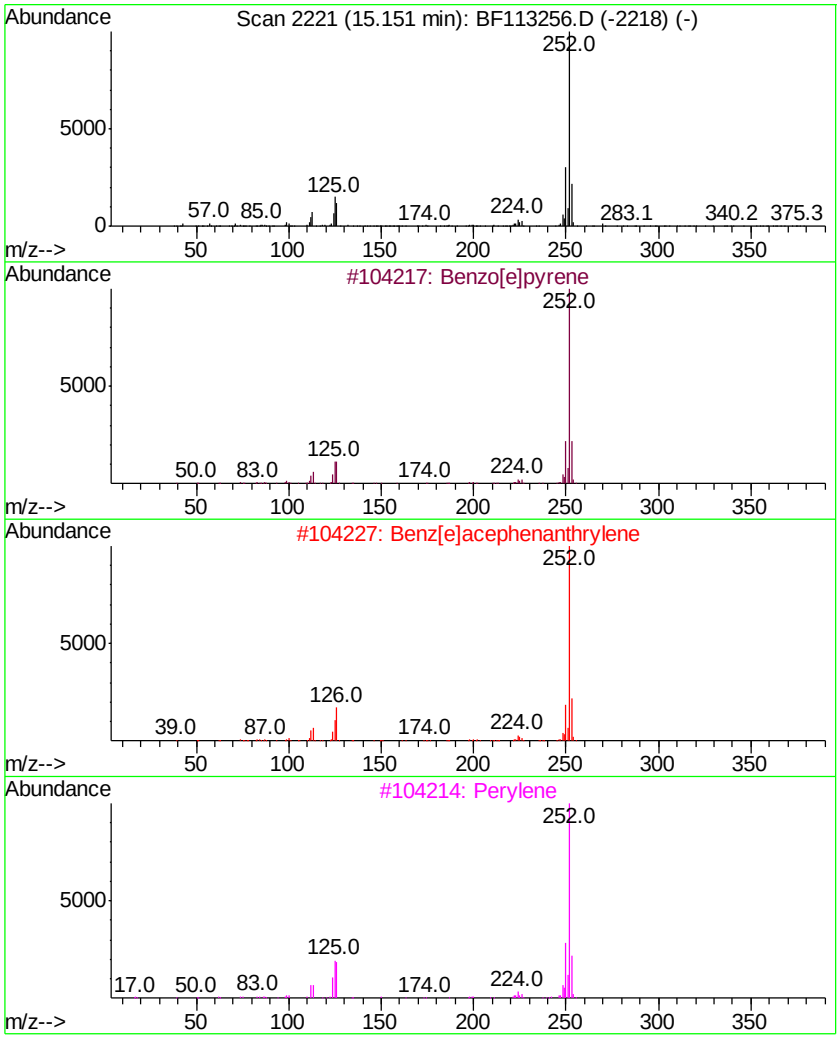
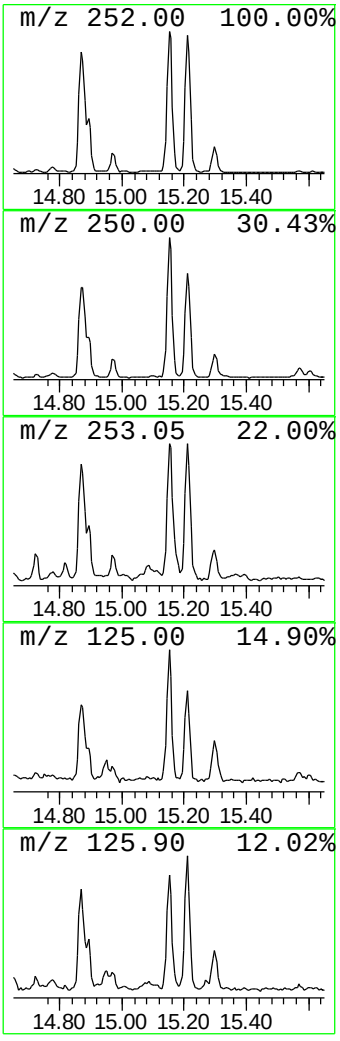
Peak Number 15 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	10.71 ng	715715	Perylene-d12	15.27

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	98
3	Perylene	252	C20H12	000198-55-0	97
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





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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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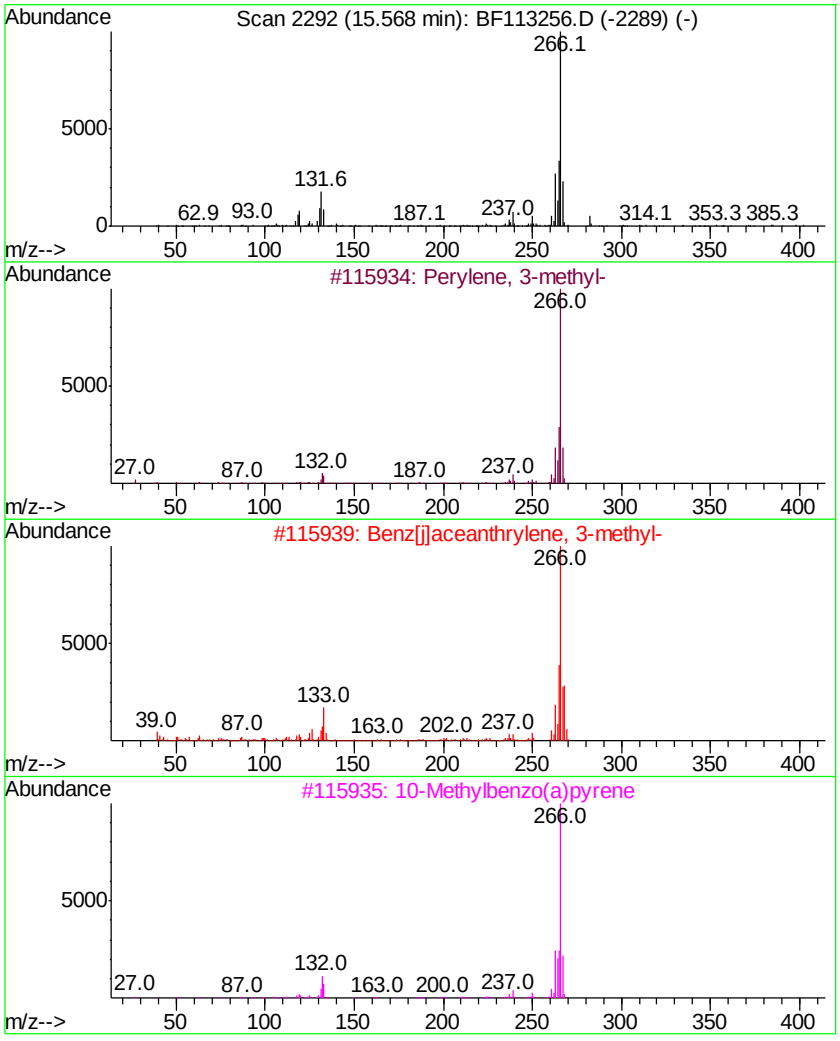
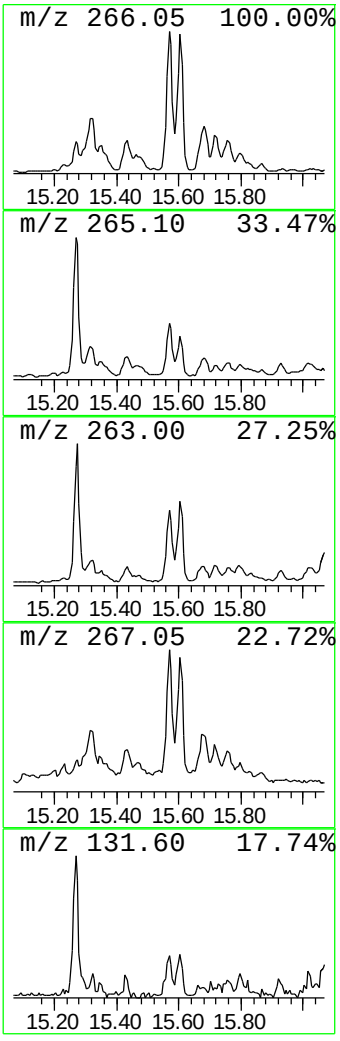
Peak Number 16 Perylene, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	4.13 ng	276011	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene, 3-methyl-	266	C21H14	024471-47-4	96
2	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	93
3	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	92
4	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	64
5	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	53





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

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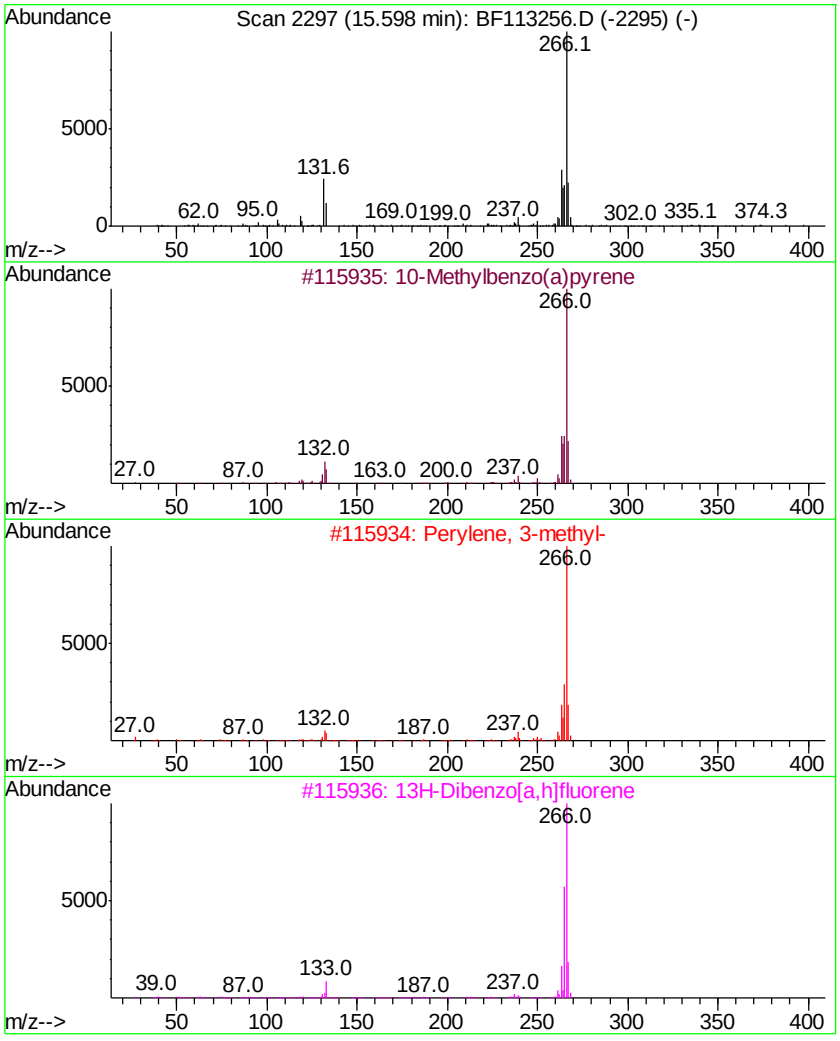
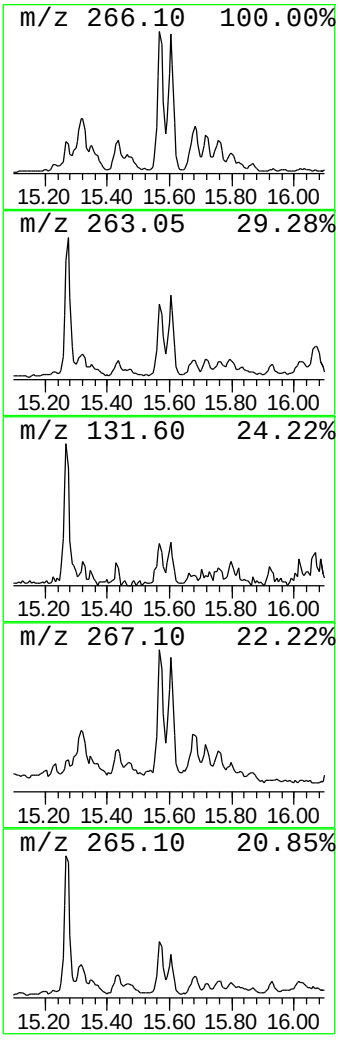
Peak Number 17 10-Methylbenzo(a)pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	6.71 ng	448464	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	91
2	Perylene, 3-methyl-	266	C21H14	024471-47-4	83
3	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	60
4	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	60
5	Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	59





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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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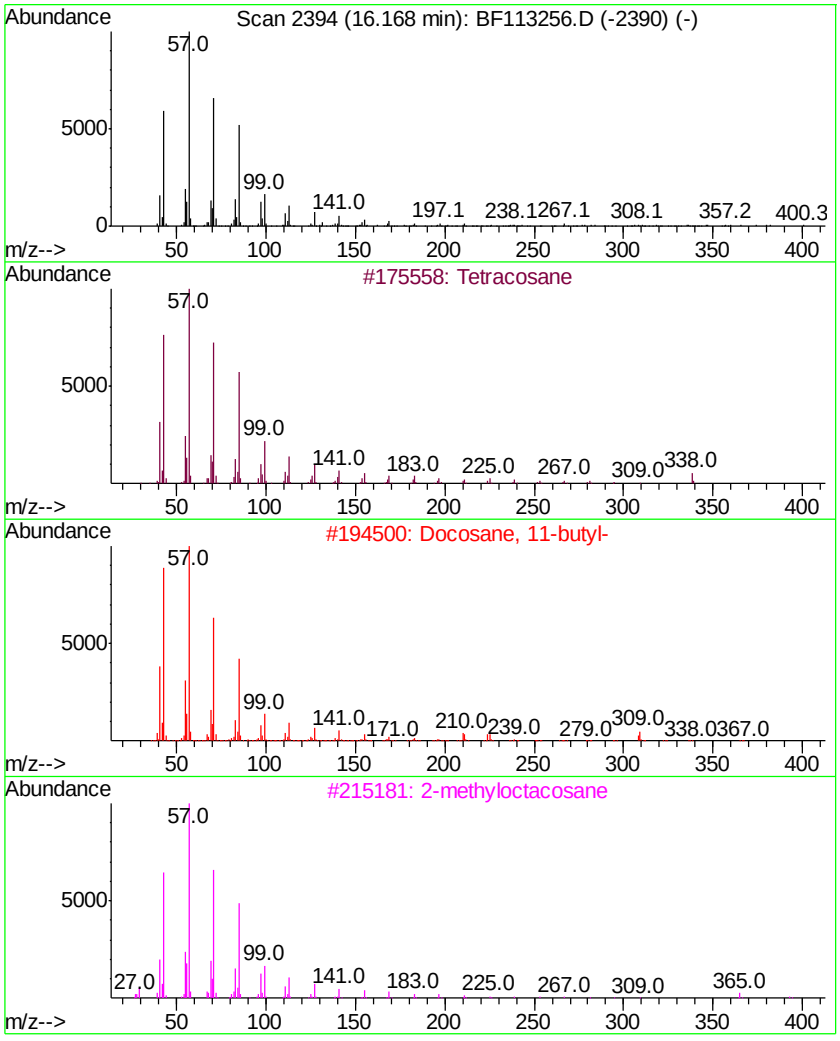
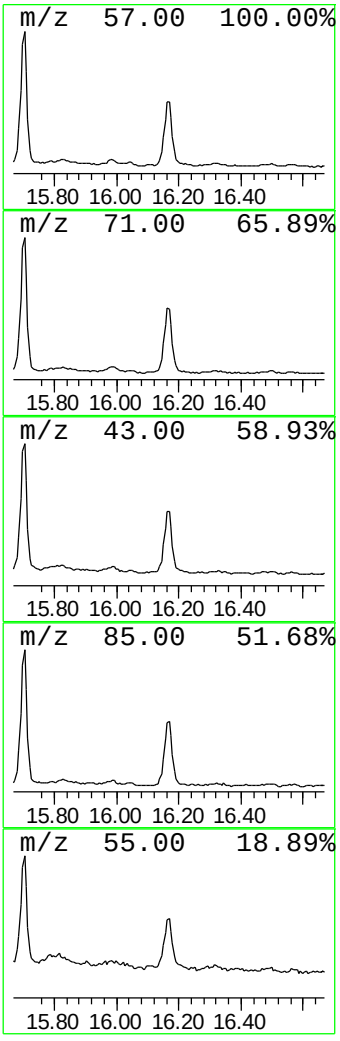
Peak Number 19 Docosane, 11-butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	7.65 ng	511090	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptacosane	380	C27H56	000593-49-7	90
5	Eicosane	282	C20H42	000112-95-8	90





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

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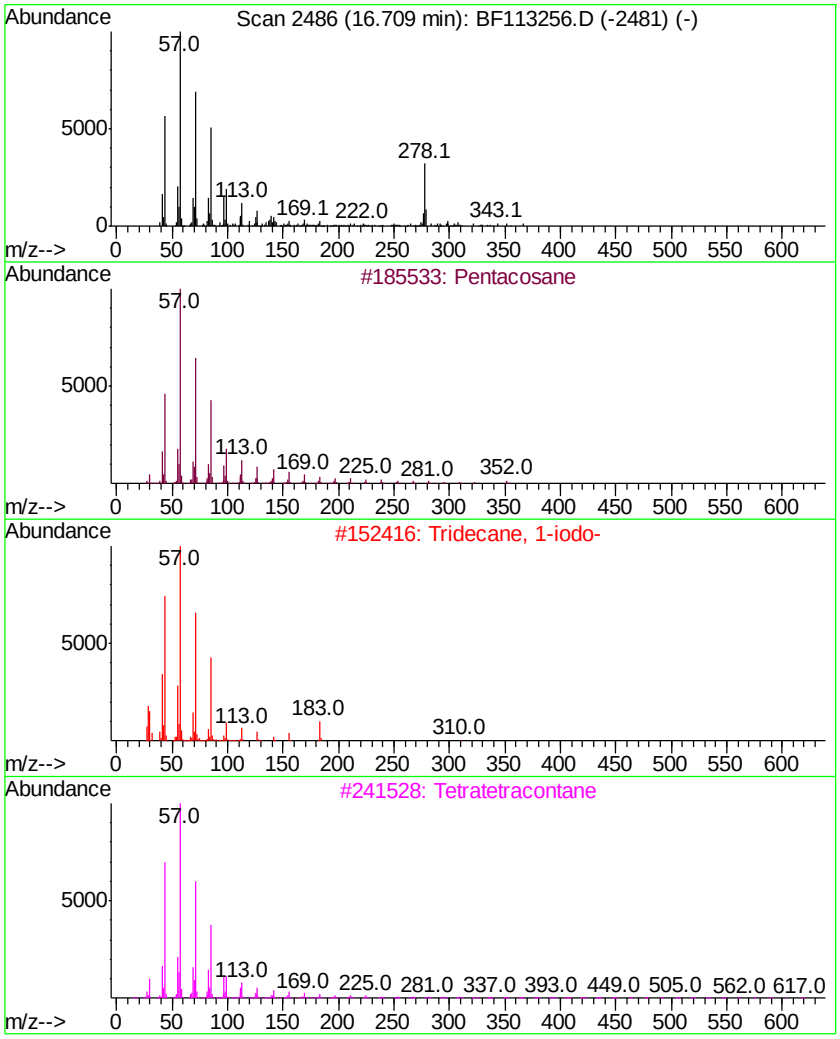
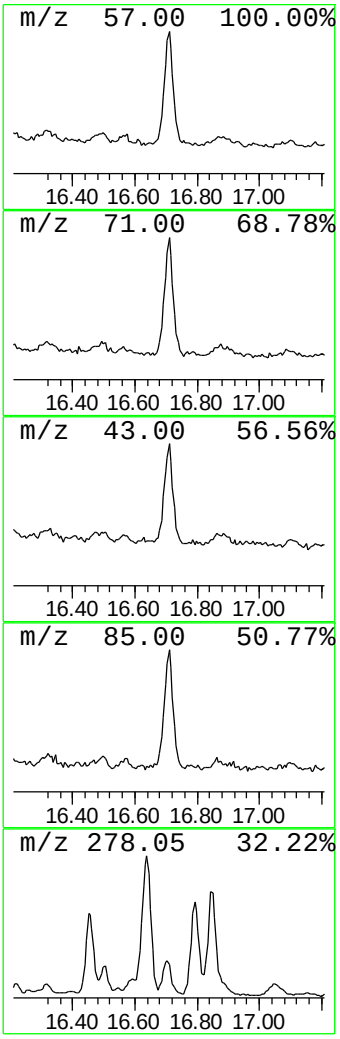
Peak Number 20 Tridecane, 1-iodo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	6.02 ng	402487	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	83
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	76
3	Tetratetracontane	619	C44H90	007098-22-8	74
4	Octacosane	394	C28H58	000630-02-4	74
5	2-methyloctacosane	408	C29H60	1000376-72-8	74





Tentatively Identified Compound (LSC) summary

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Sample : K2004-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-23(4-5)

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.49	6.49	90.8	ng	4743760	1	6.71	1045000	20.0
n-Hexadecanoic acid	11.77	14.2	ng	1288270	4	11.23	1817930	20.0
Tetradecanoic acid	12.55	10.3	ng	950622	5	13.86	1852230	20.0
Hexadecane	13.05	4.0	ng	373861	5	13.86	1852230	20.0
Tetracosane	13.39	4.6	ng	424507	5	13.86	1852230	20.0
Ethanol, 2-(octad...	13.72	12.2	ng	1133620	5	13.86	1852230	20.0
Eicosane, 10-methyl-	14.03	7.1	ng	654198	5	13.86	1852230	20.0
Benz[a]anthracene...	14.25	9.6	ng	889453	5	13.86	1852230	20.0
2-Methylchrysene	14.28	4.7	ng	434076	5	13.86	1852230	20.0
Heptacosane	14.33	9.9	ng	918959	5	13.86	1852230	20.0
5,12-Dimethylbenz...	14.57	4.2	ng	282310	6	15.27	1336940	20.0
Nonadecane	14.63	18.6	ng	1244810	6	15.27	1336940	20.0
Eicosane	14.94	22.4	ng	1498130	6	15.27	1336940	20.0
Benzo[e]pyrene	15.15	10.7	ng	715715	6	15.27	1336940	20.0
Perylene, 3-methyl-	15.57	4.1	ng	276011	6	15.27	1336940	20.0
10-Methylbenzo(a)...	15.60	6.7	ng	448464	6	15.27	1336940	20.0
Docosane, 11-butyl-	16.17	7.7	ng	511090	6	15.27	1336940	20.0
Tridecane, 1-iodo-	16.71	6.0	ng	402487	6	15.27	1336940	20.0