LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113776.D
Acq On : 15 Apr 2019 21:32
Operator : JU/SJ
Sample : K2397-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-S

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-BF040319.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	5.287	540	544	572	rBV	1758546	2444735	77.49%	4.356%
2	6.328	717	721	737	rBV	2179524	2553952	80.95%	4.550%
3	6.445	737	741	750	rVV	2745876	2589680	82.08%	4.614%
4	6.510	750	752	760	rVB	32134	37423	1.19%	0.067%
5	6.669	776	779	788	rBV	692864	635095	20.13%	1.132%
6	6.745	789	792	796	rVB	152568	128430	4.07%	0.229%
7	6.828	802	806	823	rBV	2002455	1992885	63.17%	3.551%
8	7.239	872	876	895	rBV	1455653	1648434	52.25%	2.937%
9	7.951	994	997	1008	rBV	774456	866569	27.47%	1.544%
10	9.028	1176	1180	1188	rBV	3210855	2832464	89.78%	5.046%
11	9.428	1245	1248	1256	rVB	298282	304635	9.66%	0.543%
12	9.569	1268	1272	1276	rBV	108138	110315	3.50%	0.197%
13	9.704	1291	1295	1299	rBV	883903	870578	27.59%	1.551%
14	9.857	1317	1321	1326	rBV	59065	54691	1.73%	0.097%
15	9.916	1326	1331	1335	rBV2	40639	55588	1.76%	0.099%
16	10.363	1401	1407	1412	rBV4	23235	37483	1.19%	0.067%
17	10.492	1423	1429	1441	rBV	1605221	1810899	57.40%	3.226%
18	10.610	1446	1449	1457	rVB4	125659	170644	5.41%	0.304%
19	10.880	1490	1495	1500	rBV8	18964	33530	1.06%	0.060%
20	11.004	1512	1516	1519	rBV2	46896	54931	1.74%	0.098%
21	11.057	1523	1525	1528	rVV2	56473	56486	1.79%	0.101%
22	11.086	1528	1530	1536	rVB2	46840	46922	1.49%	0.084%
23	11.186	1543	1547	1549	rBV	977034	879028	27.86%	1.566%
24	11.210	1549	1551	1555	rVV	445467	398321	12.63%	0.710%
25	11.263	1558	1560	1564	rVV	156407	148073	4.69%	0.264%
26	11.433	1586	1589	1594	rBV2	57288	81799	2.59%	0.146%
27	11.480	1594	1597	1599	rVB	93147	73613	2.33%	0.131%
28	11.686	1629	1632	1635	rBV	133126	110634	3.51%	0.197%
29	11.722	1635	1638	1643	rVV2	490128	580718	18.41%	1.035%
30	11.763	1643	1645	1648	rVV	105161	129599	4.11%	0.231%
31	11.798	1648	1651	1653	rVV	245017	259632	8.23%	0.463%
32	11.822	1653	1655	1659	rVB	144547	128102	4.06%	0.228%
33	11.886	1664	1666	1669	rBV	106707	80917	2.56%	0.144%
34	11.980	1679	1682	1687	rBV	106794	95426	3.02%	0.170%

LSC Area Percent Report

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Acq On : 15 Apr 2019 21:32
Operator : JU/SJ
Sample : K2397-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-S

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-BF040319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.027	1687	1690	1693	rBV3	44758	51730	1.64%	0.092%
36	12.127	1705	1707	1710	rVB2	65836	54244	1.72%	0.097%
37	12.163	1711	1713	1715	rBV	82751	55074	1.75%	0.098%
38	12.192	1715	1718	1720	rVB	42376	38639	1.22%	0.069%
39	12.233	1722	1725	1728	rBV	248408	257189	8.15%	0.458%
40	12.274	1729	1732	1734	rVV	228247	192023	6.09%	0.342%
41	12.333	1737	1742	1749	rVB2	283233	346387	10.98%	0.617%
42	12.398	1749	1753	1757	rBV	2069845	1853252	58.74%	3.302%
43	12.463	1762	1764	1767	rVV2	85148	85907	2.72%	0.153%
44	12.504	1768	1771	1776	rVV4	188576	266426	8.44%	0.475%
45	12.551	1776	1779	1782	rVV	156359	184080	5.83%	0.328%
46	12.627	1786	1792	1795	rVV	2486016	2702604	85.66%	4.815%
47	12.680	1798	1801	1806	rVB3	142086	196287	6.22%	0.350%
48	12.769	1811	1816	1819	rVV	2396767	2251481	71.36%	4.011%
49	12.798	1819	1821	1825	rVB	129018	118008	3.74%	0.210%
50	12.851	1825	1830	1836	rBV3	253887	468970	14.86%	0.836%
51	12.904	1836	1839	1841	rVB	113319	89355	2.83%	0.159%
52	12.933	1841	1844	1846	rBV3	236671	310499	9.84%	0.553%
53	12.957	1846	1848	1851	rVB2	299559	256588	8.13%	0.457%
54	12.998	1853	1855	1857	rBV2	168136	152642	4.84%	0.272%
55	13.021	1857	1859	1861	rVB	154212	108898	3.45%	0.194%
56	13.063	1861	1866	1869	rBV2	381983	483273	15.32%	0.861%
57	13.151	1878	1881	1884	rBV	272914	261298	8.28%	0.466%
58	13.180	1884	1886	1890	rVB2	209916	218217	6.92%	0.389%
59	13.339	1910	1913	1918	rBV4	144303	223404	7.08%	0.398%
60	13.474	1933	1936	1939	rVB	310285	284067	9.00%	0.506%
61	13.574	1950	1953	1955	rBV2	280167	316483	10.03%	0.564%
62	13.627	1959	1962	1964	rBV	362712	380672	12.07%	0.678%
63	13.686	1970	1972	1977	rVB2	326782	338993	10.74%	0.604%
64	13.821	1990	1995	1998	rBV2	1992735	2939317	93.17%	5.237%
65	13.857	1998	2001	2004	rVB	1748009	1657755	52.54%	2.954%
66	13.933	2011	2014	2018	rVB	298951	278232	8.82%	0.496%
67	13.986	2020	2023	2028	rBV4	198915	291922	9.25%	0.520%
68	14.174	2053	2055	2057	rBV	169187	150337	4.77%	0.268%
69	14.215	2057	2062	2065	rVV2	605589	764416	24.23%	1.362%
70	14.245	2065	2067	2070	rVB	258426	235893	7.48%	0.420%
71	14.286	2072	2074	2077	rVB2	243885	223956	7.10%	0.399%

LSC Area Percent Report

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Sample : K2397-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-S

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
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.339	2081	2083	2085	rBV	208513	186901	5.92%	0.333%
73	14.586	2122	2125	2128	rBV2	146615	167246	5.30%	0.298%
74	14.698	2141	2144	2147	rBV2	381856	401087	12.71%	0.715%
75	14.851	2165	2170	2172	rBV	2206855	3154944	100.00%	5.621%
76	14.945	2183	2186	2190	rBV	545088	573825	18.19%	1.022%
77	15.127	2213	2217	2221	rBV	1372960	1586241	50.28%	2.826%
78	15.192	2223	2228	2232	rVB	1898138	2324345	73.67%	4.141%
79	15.239	2233	2236	2239	rVV	673833	805679	25.54%	1.435%
80	15.274	2239	2242	2248	rVB2	609080	833905	26.43%	1.486%
81	16.615	2463	2470	2476	rVB2	1034284	1919141	60.83%	3.419%
82	16.762	2490	2495	2500	rBV	232456	401267	12.72%	0.715%
83	16.815	2500	2504	2511	rVB2	181756	347360	11.01%	0.619%
84	17.027	2533	2540	2547	rBV	676181	1377916	43.67%	2.455%
85	18.939	2857	2865	2870	rBV2	254102	657374	20.84%	1.171%

Sum of corrected areas: 56127980

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113776.D
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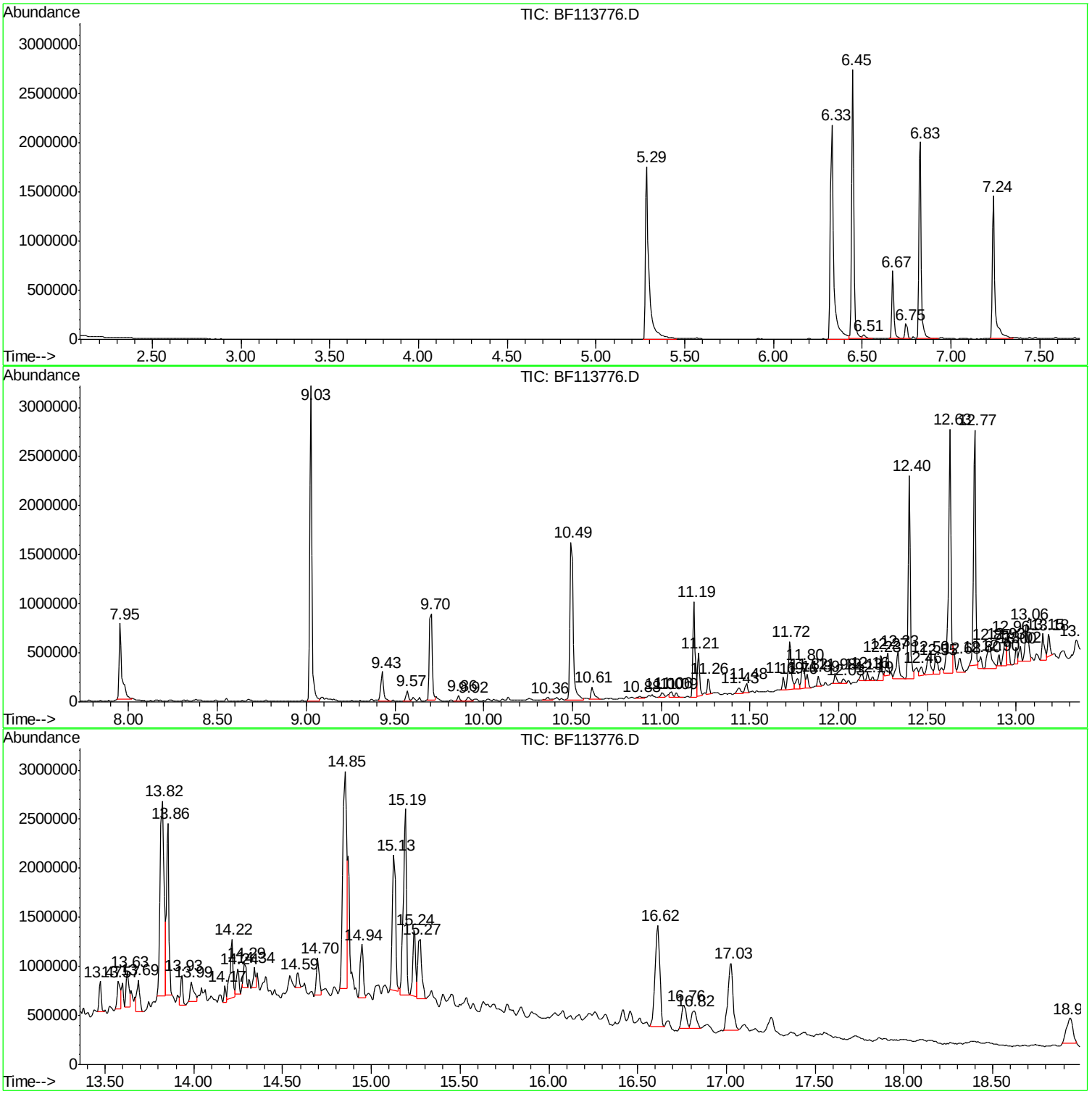
Sample : K2397-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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\BF041519\
Data File : BF113776.D
Acq On : 15 Apr 2019 21:32
Operator : JU/SJ
Sample : K2397-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

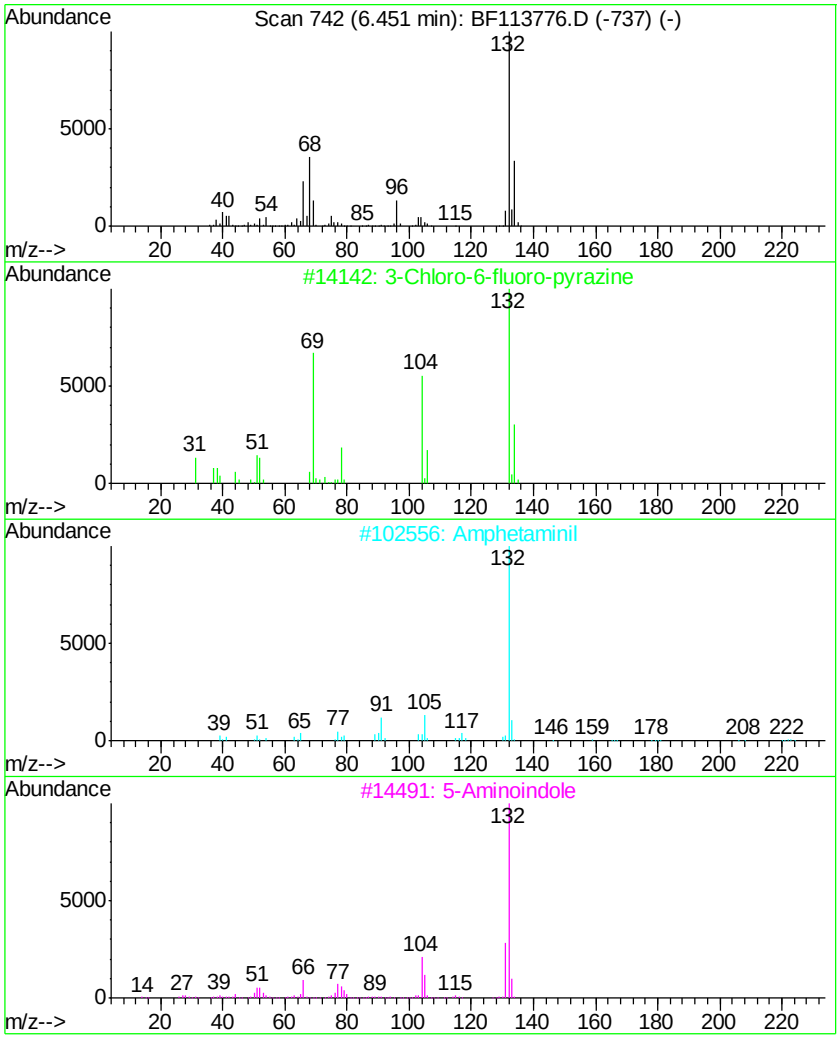
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

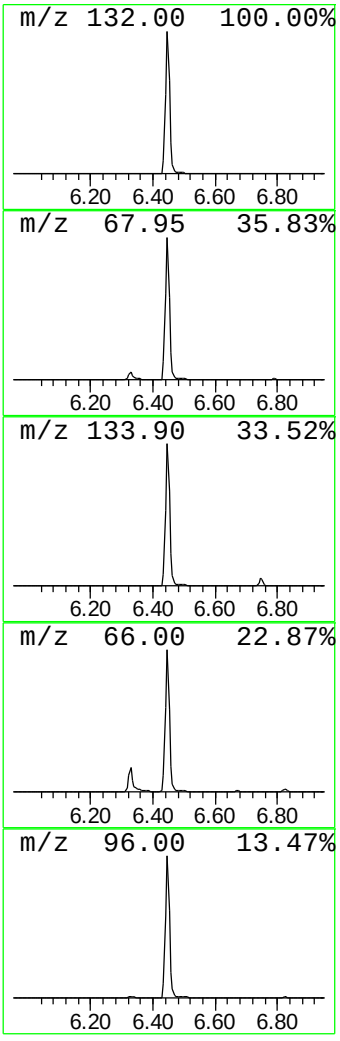
****

Peak Number 1 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	81.55 ng	2589680	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Amphetaminil	250	C17H18N2	017590-01-1	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113776.D
Acq On : 15 Apr 2019 21:32
Operator : JU/SJ
Sample : K2397-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

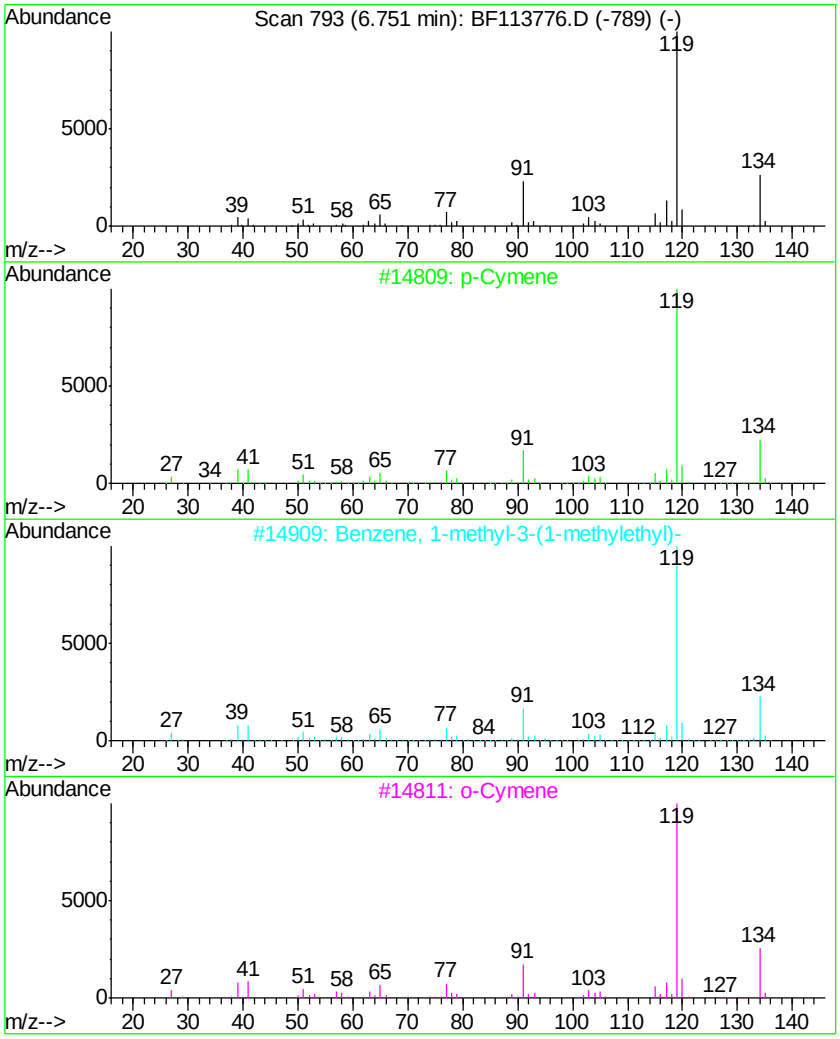
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

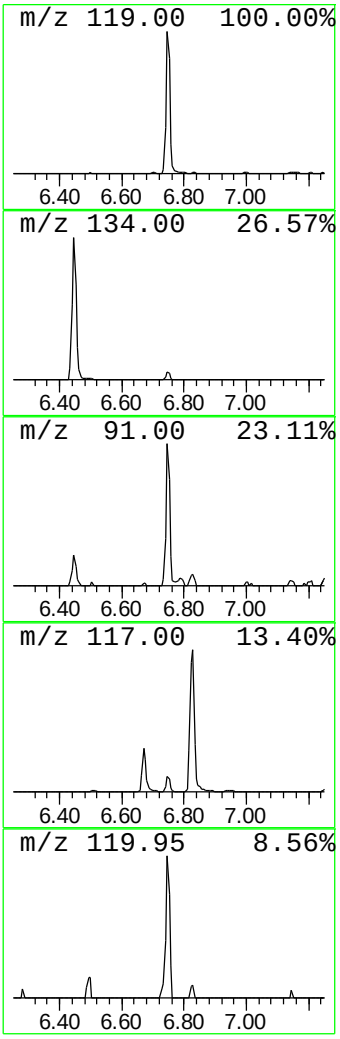
****

Peak Number 2 Benzene, 1-methyl-3-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	4.04 ng	128430	1,4-Dichlorobenzene-d4	6.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113776.D
Acq On : 15 Apr 2019 21:32
Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

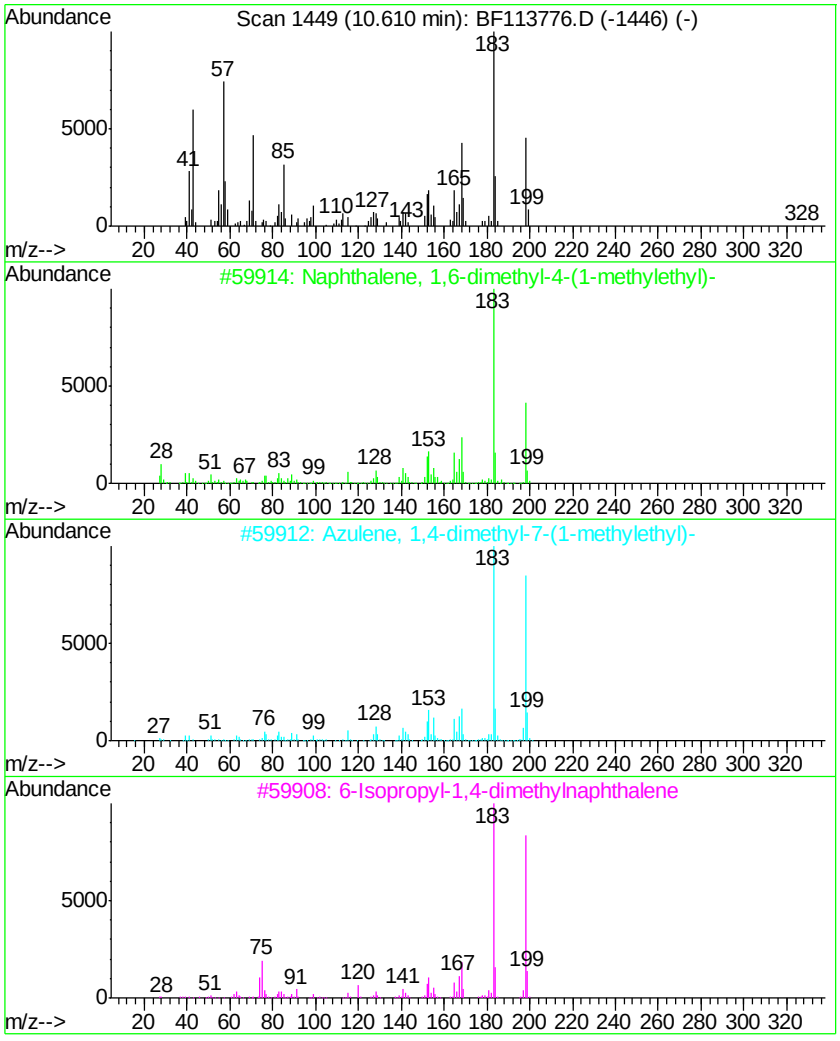
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

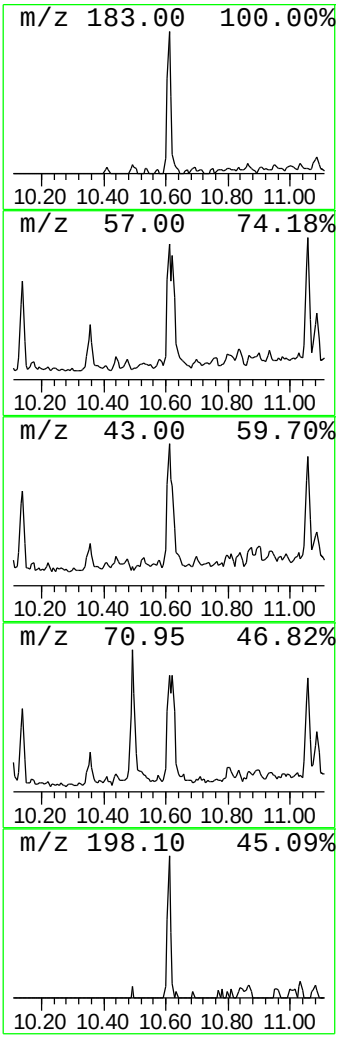
****

Peak Number 4 Naphthalene, 1,6-dimethyl-4... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	3.88 ng	170644	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	96
2	Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	60
3	6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	53
4	Tetradecane	198	C14H30	000629-59-4	51
5	Tridecane	184	C13H28	000629-50-5	50





Library Search Compound Report

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Sample : K2397-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

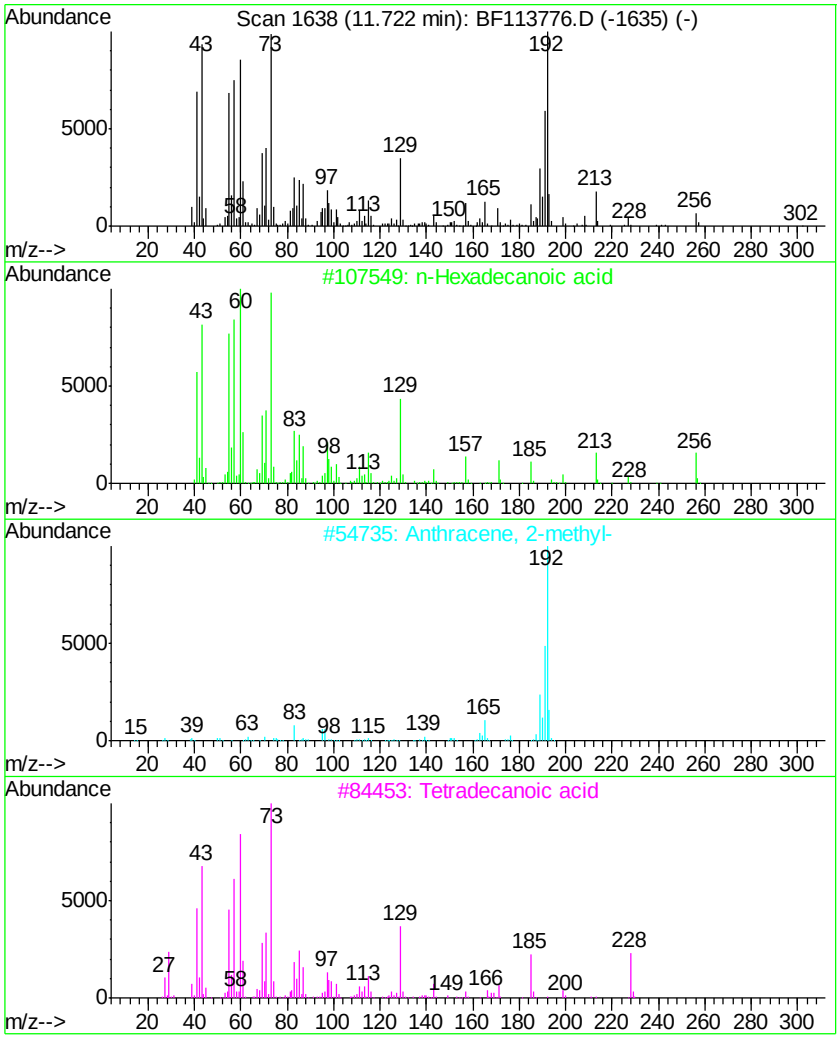
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

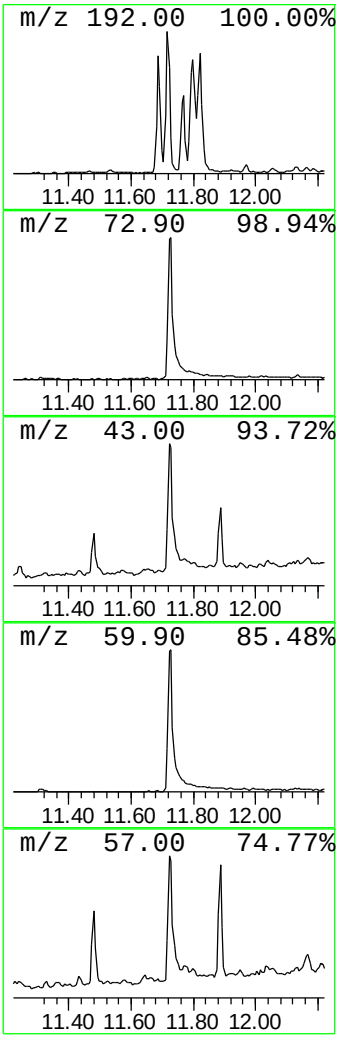
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	13.21 ng	580718	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	66
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113776.D
Acq On : 15 Apr 2019 21:32
Operator : JU/SJ
Sample : K2397-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

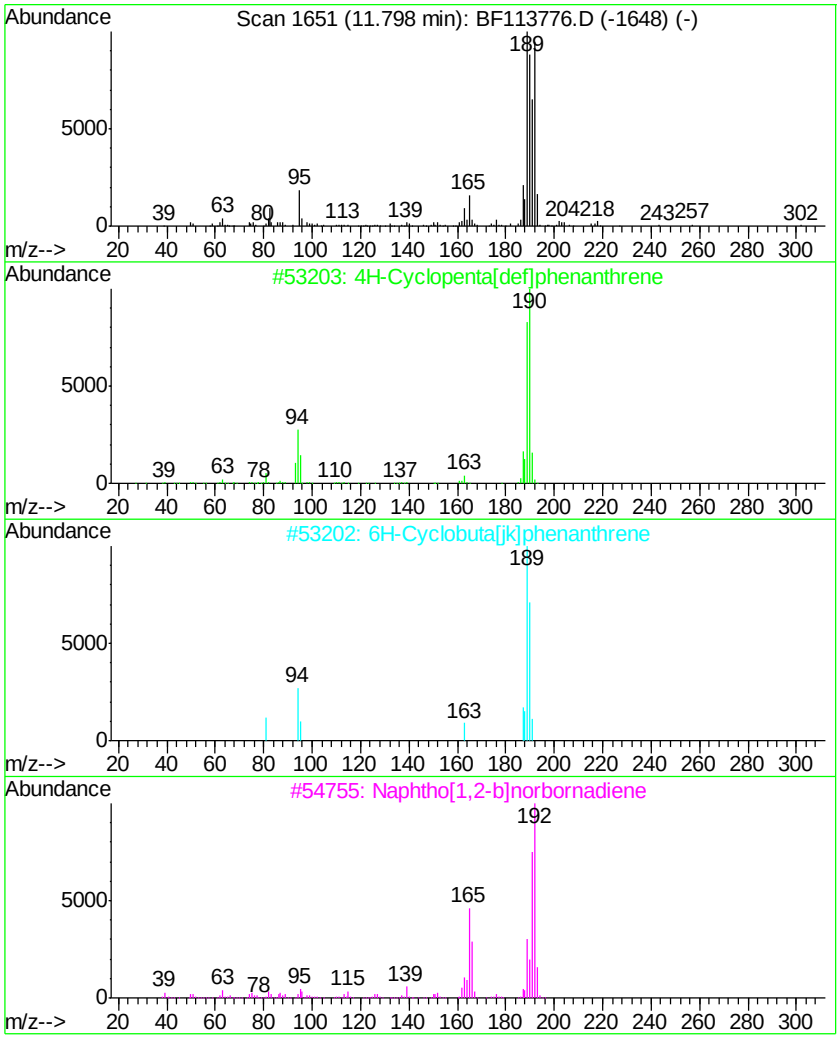
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

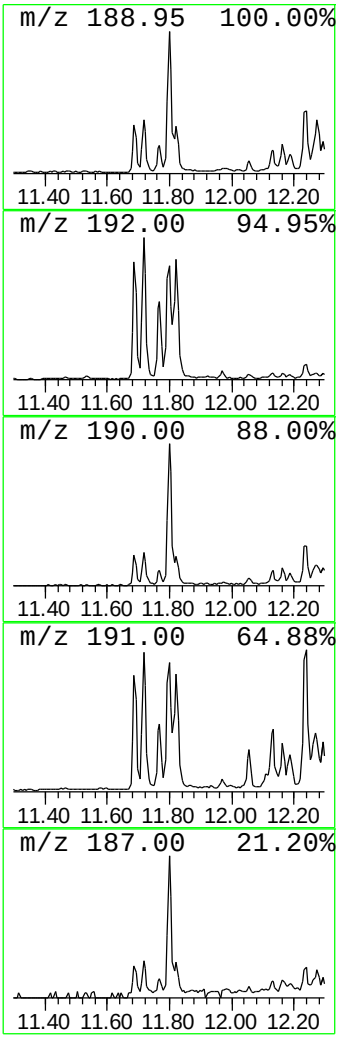
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	5.91 ng	259632	Phenanthrene-d10	11.19

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	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	41





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Data File : BF113776.D
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Sample : K2397-11
Misc :
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Instrument : BNA_F
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

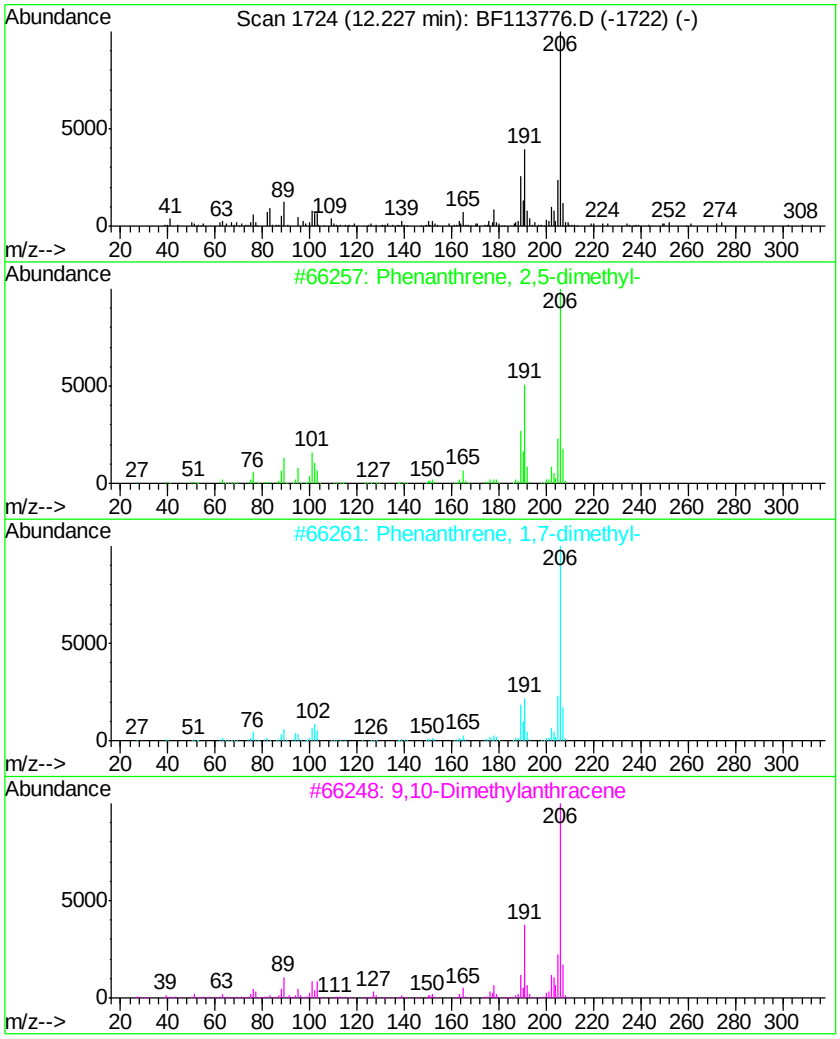
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

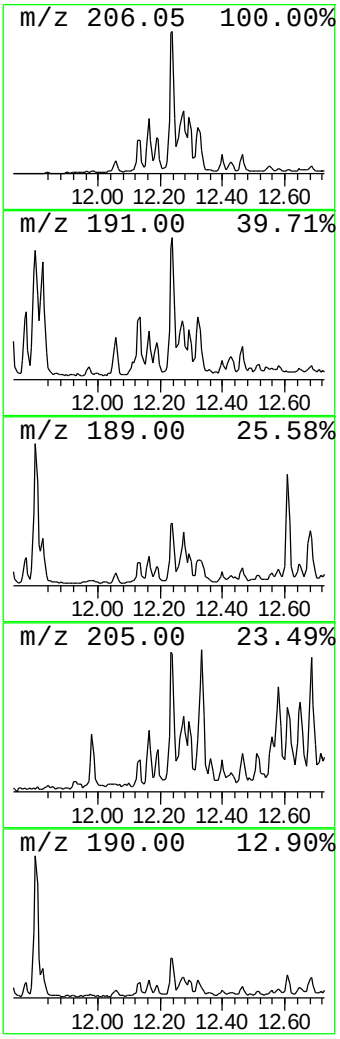
****

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	5.85 ng	257189	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





Library Search Compound Report

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Acq On : 15 Apr 2019 21:32
Operator : JU/SJ
Sample : K2397-11
Misc :
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Instrument : BNA_F
ClientSampleId : TP-3-S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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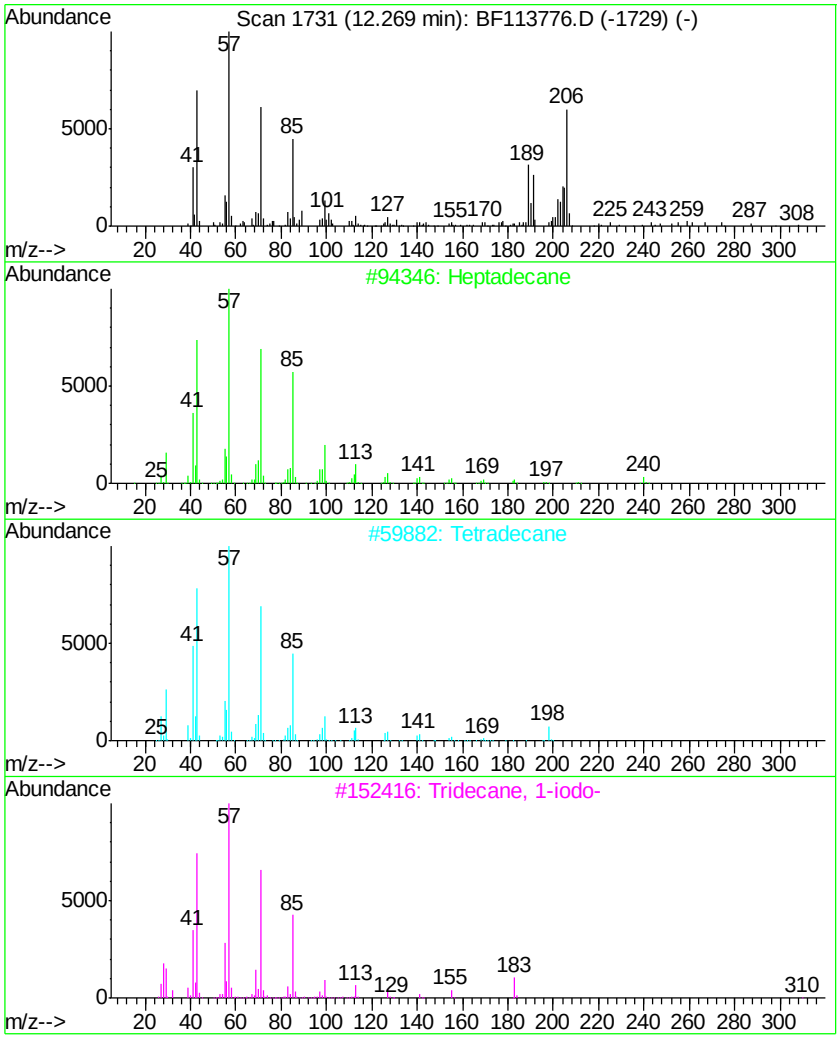
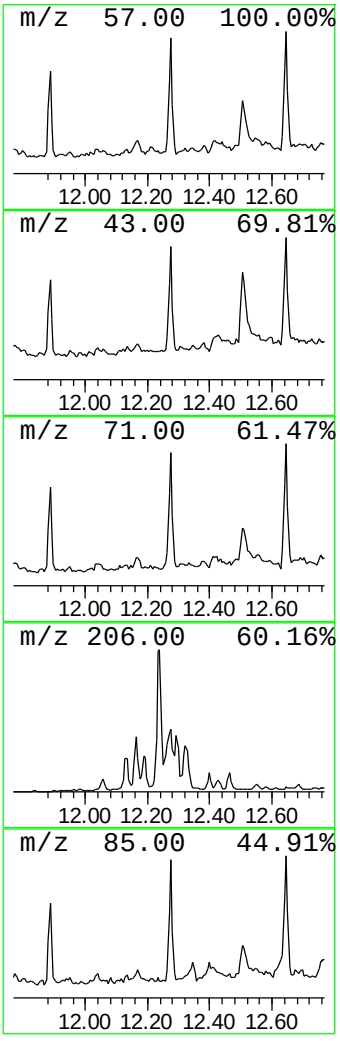
Peak Number 8 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	4.37 ng	192023	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	38
2	Tetradecane	198	C14H30	000629-59-4	35
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	30
4	Heneicosane	296	C21H44	000629-94-7	30
5	Octadecane	254	C18H38	000593-45-3	30





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ClientSampleId : TP-3-S

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

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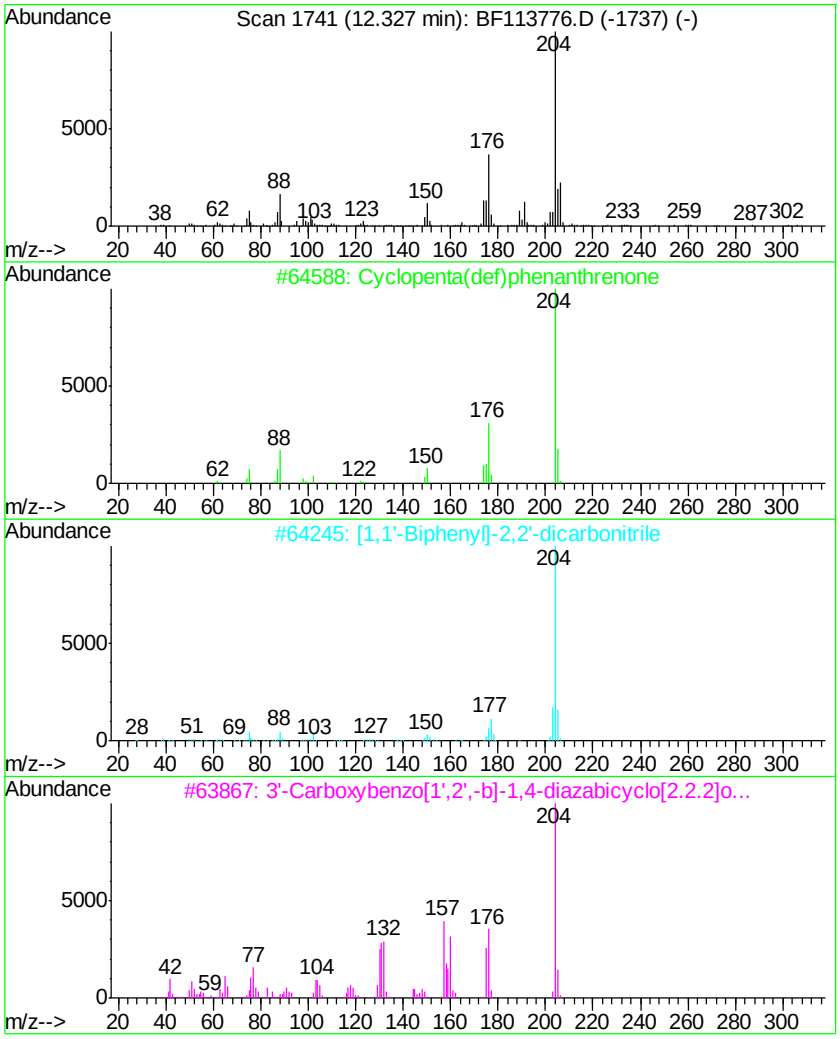
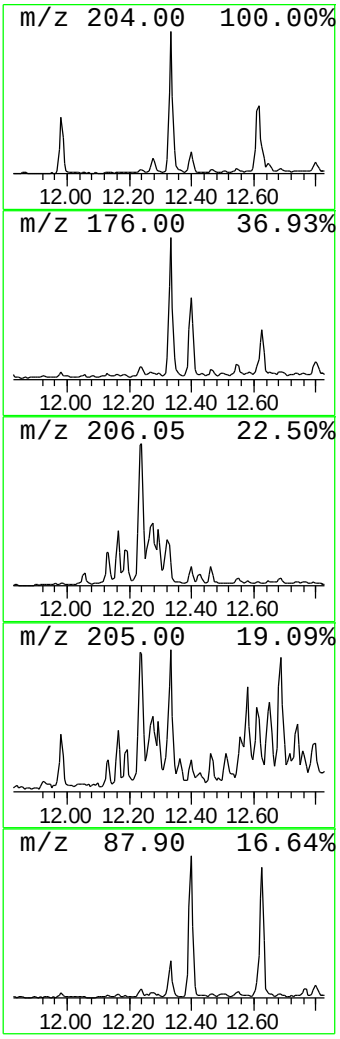
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	7.88 ng	346387	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
3	3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	58
4	4,5,6,7-Tetrafluoro-2-methyl-1H-...	204	C8H4F4N2	081430-75-3	53
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	50





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

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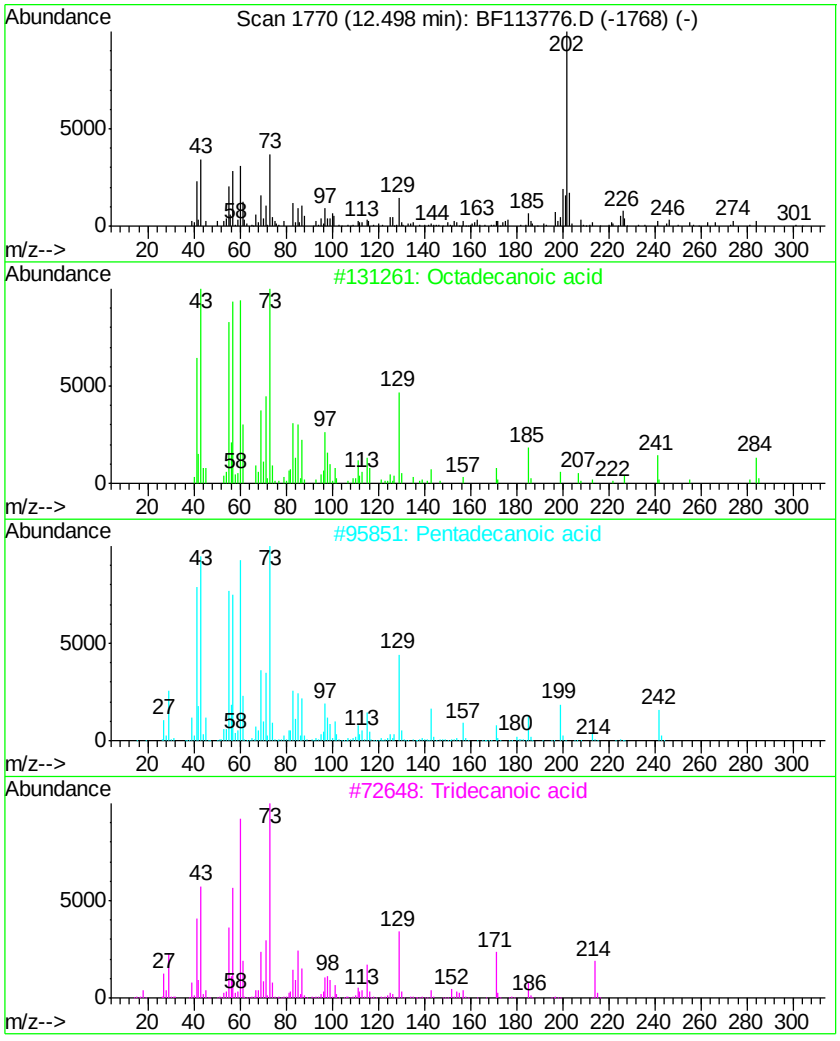
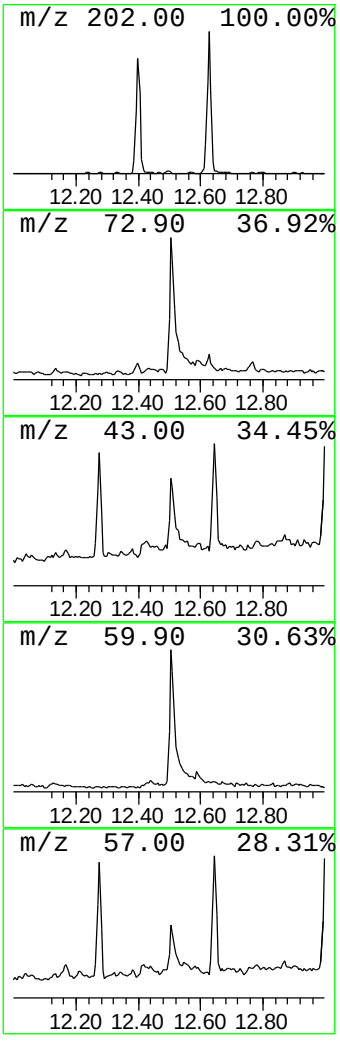
Peak Number 10 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	6.06 ng	266426	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	83





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

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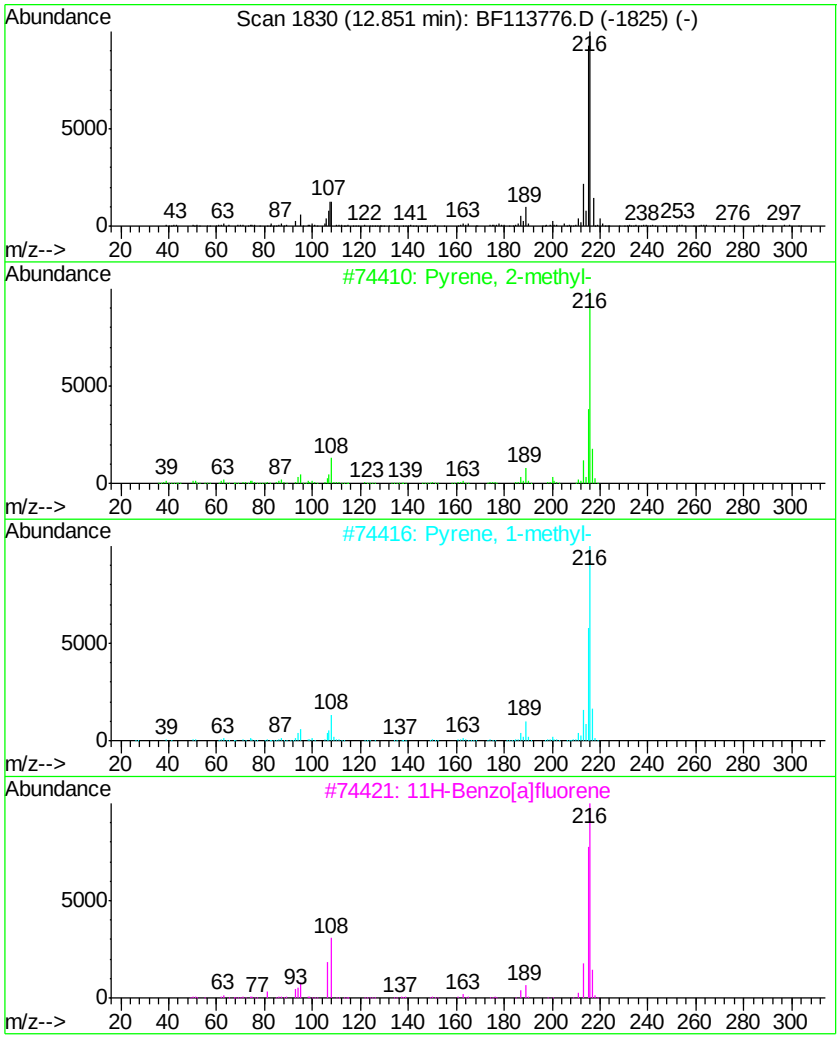
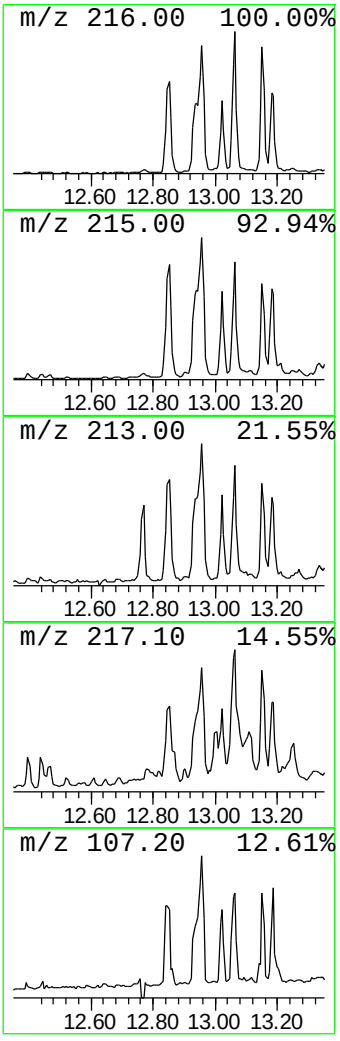
Peak Number 11 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	3.19 ng	468970	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74





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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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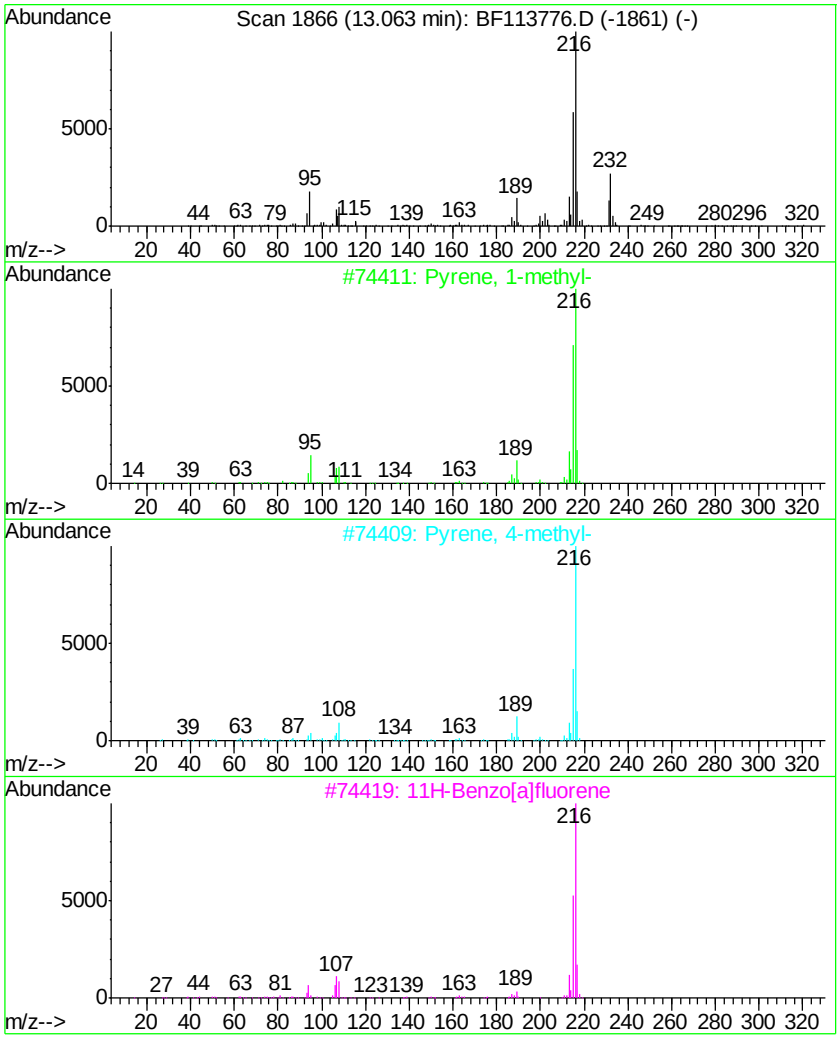
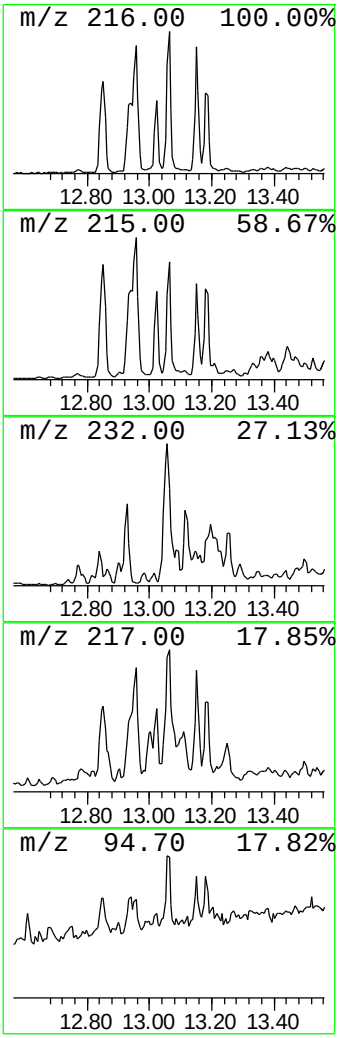
Peak Number 12 Pyrene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	3.29 ng	483273	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70





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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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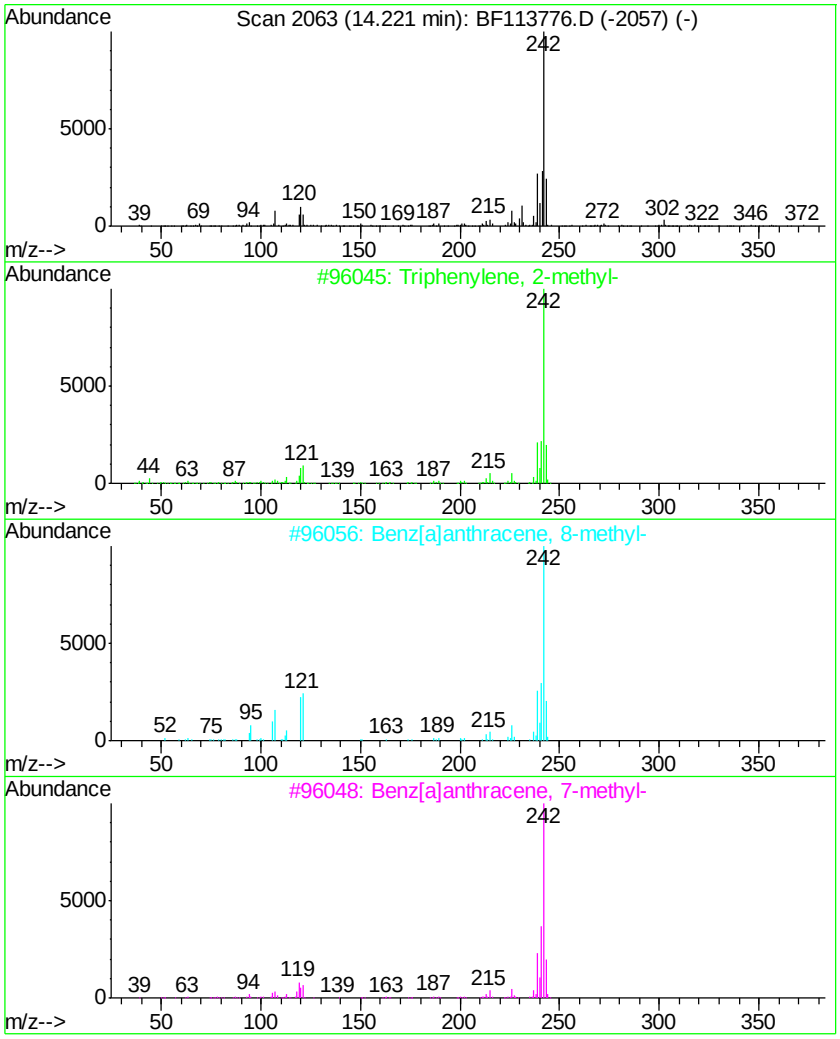
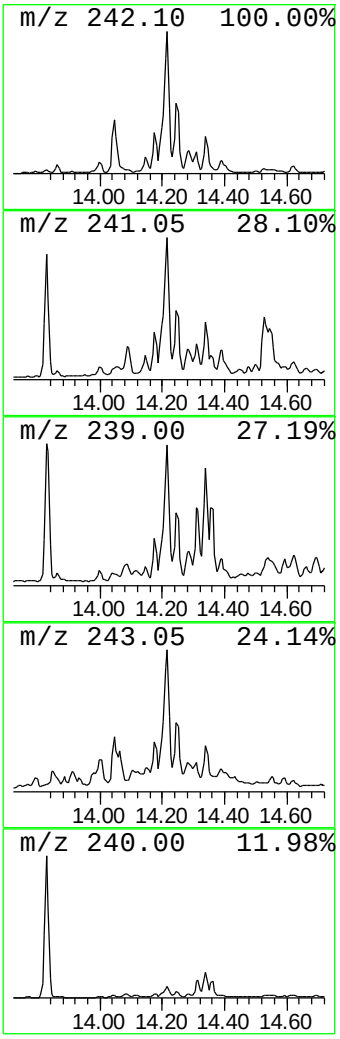
Peak Number 13 Triphenylene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	5.20 ng	764416	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	97
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	96
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	94
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	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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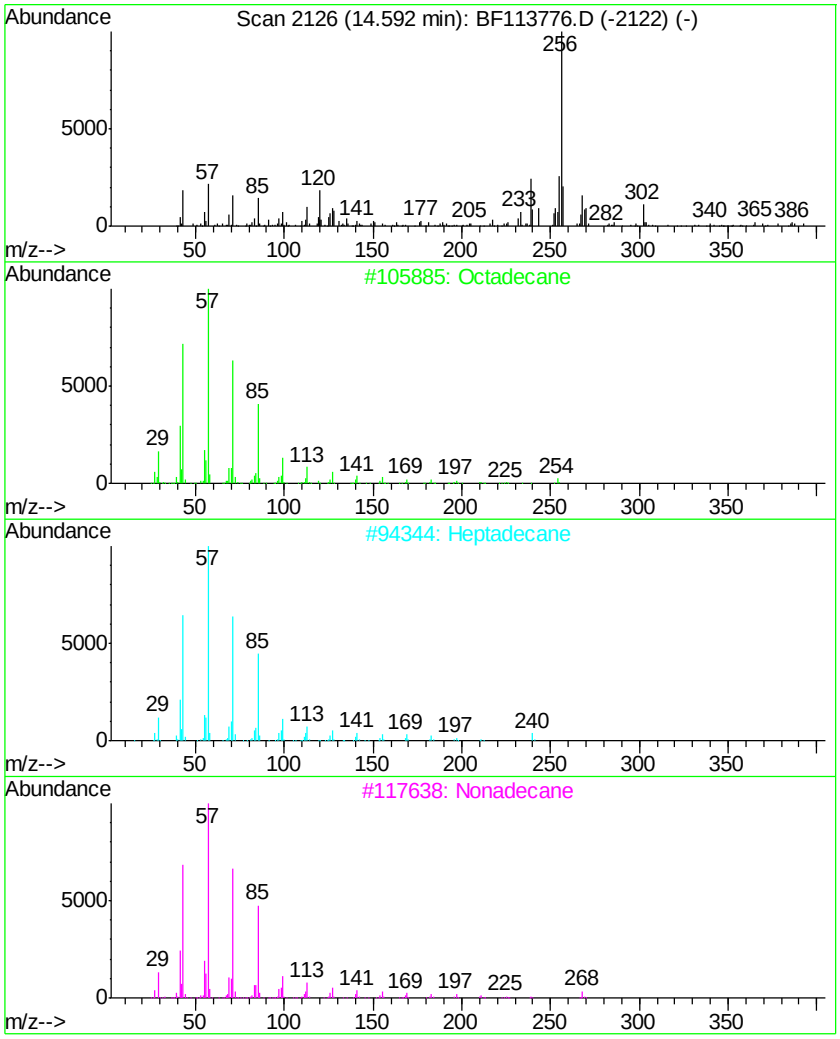
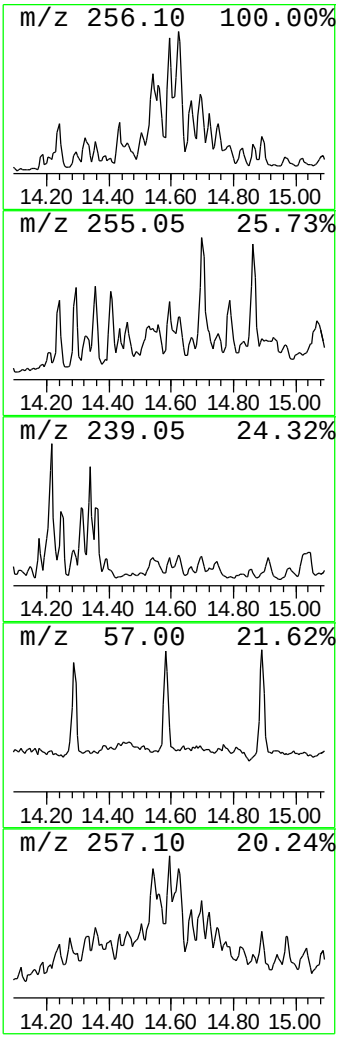
Peak Number 14 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	4.15 ng	167246	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	87
2	Heptadecane	240	C17H36	000629-78-7	83
3	Nonadecane	268	C19H40	000629-92-5	55
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	49
5	2-methyloctacosane	408	C29H60	1000376-72-8	49





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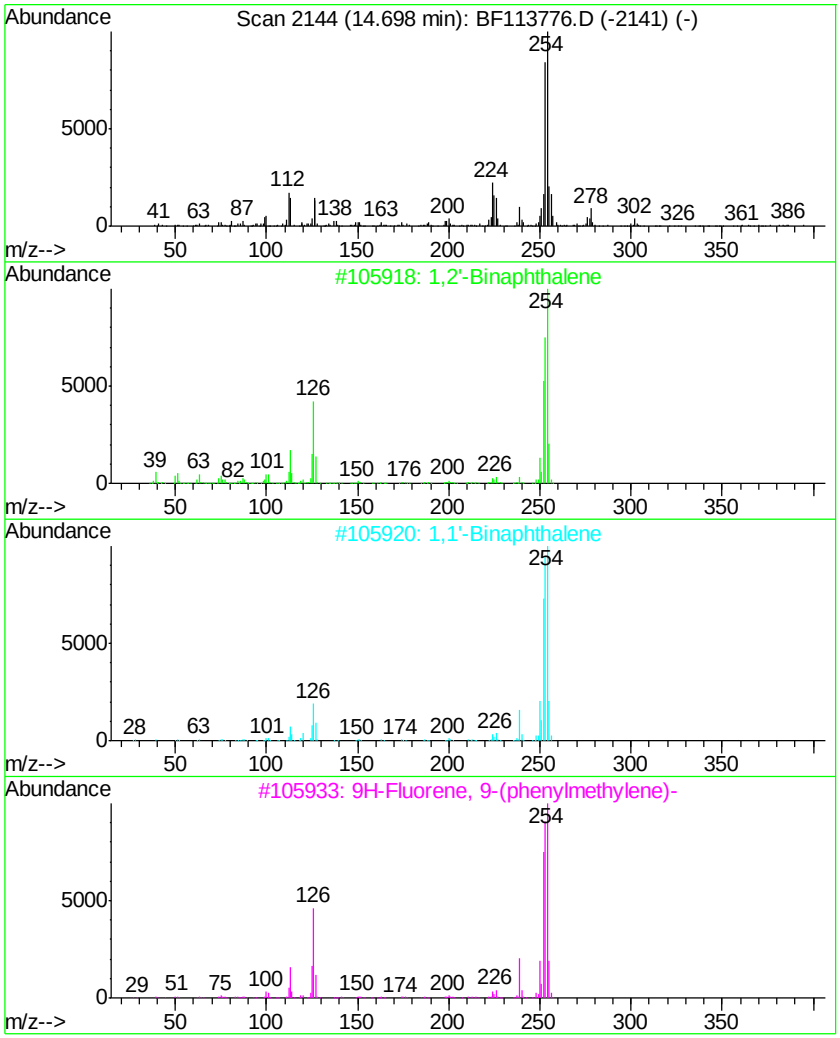
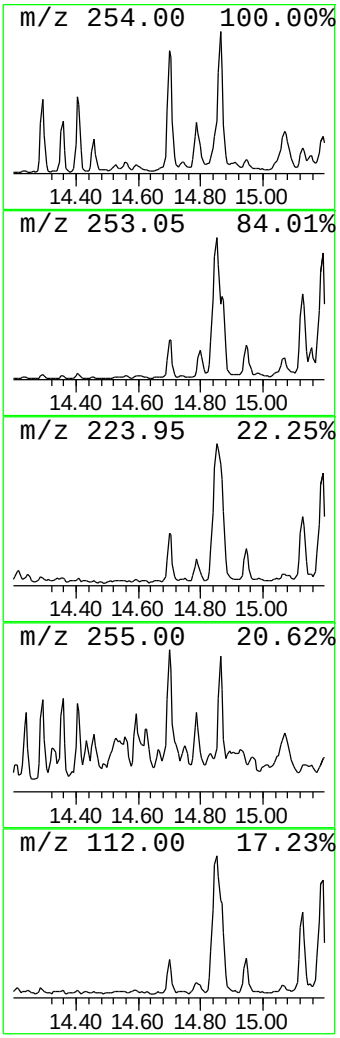
Peak Number 15 1,2'-Binaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	9.96 ng	401087	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2'-Binaphthalene	254	C20H14	004325-74-0	81
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	81
3	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	81
4	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	74
5	Imidazo[1,2-b]-1,2,4-triazine, 6...	254	C14H14N4O	1000277-24-4	72





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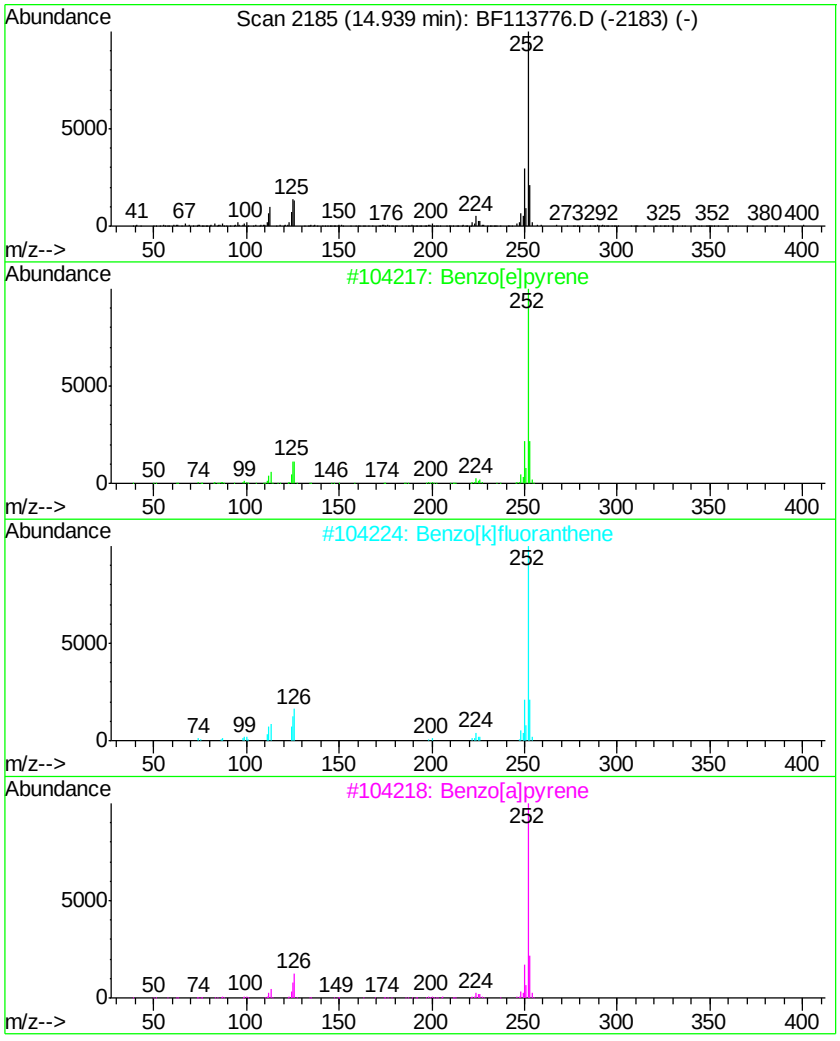
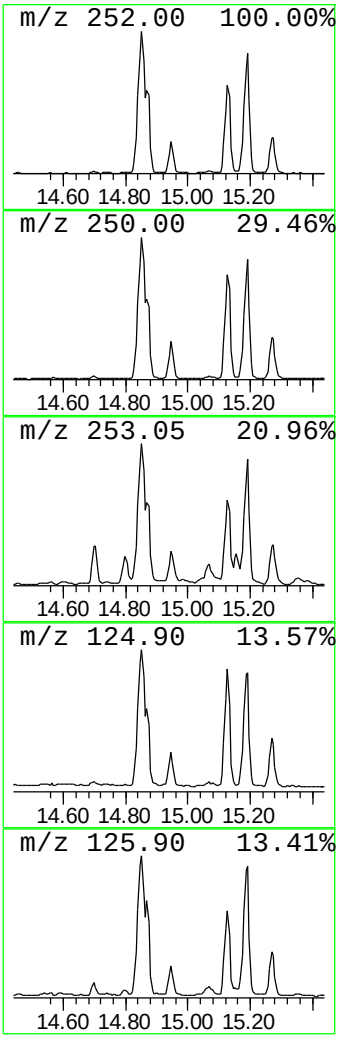
Peak Number 16 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	14.24 ng	573825	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Perylene	252	C20H12	000198-55-0	95
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





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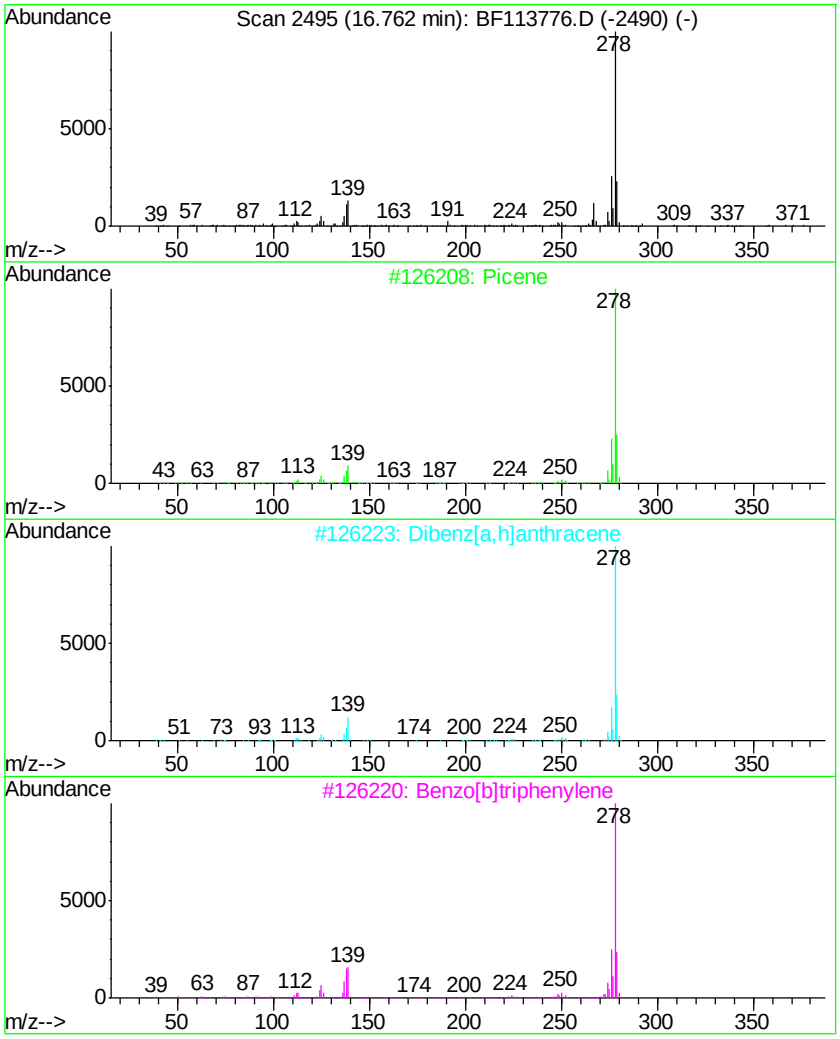
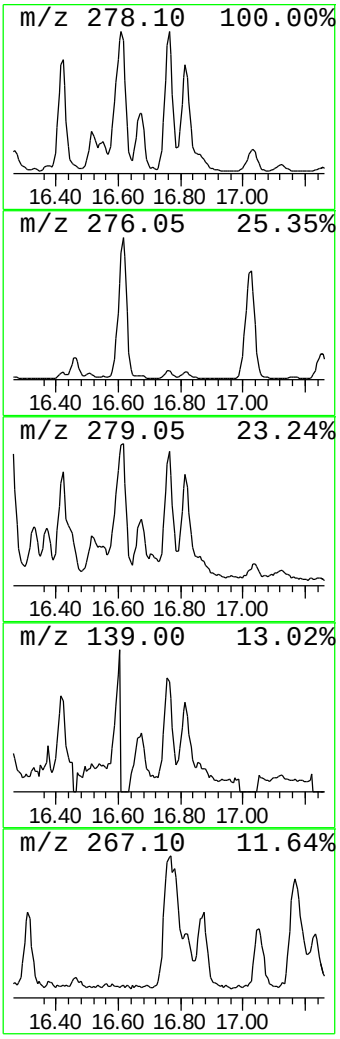
Peak Number 18 Picene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	9.96 ng	401267	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	96
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	94
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
4	Pentacene	278	C22H14	000135-48-8	92
5	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	89





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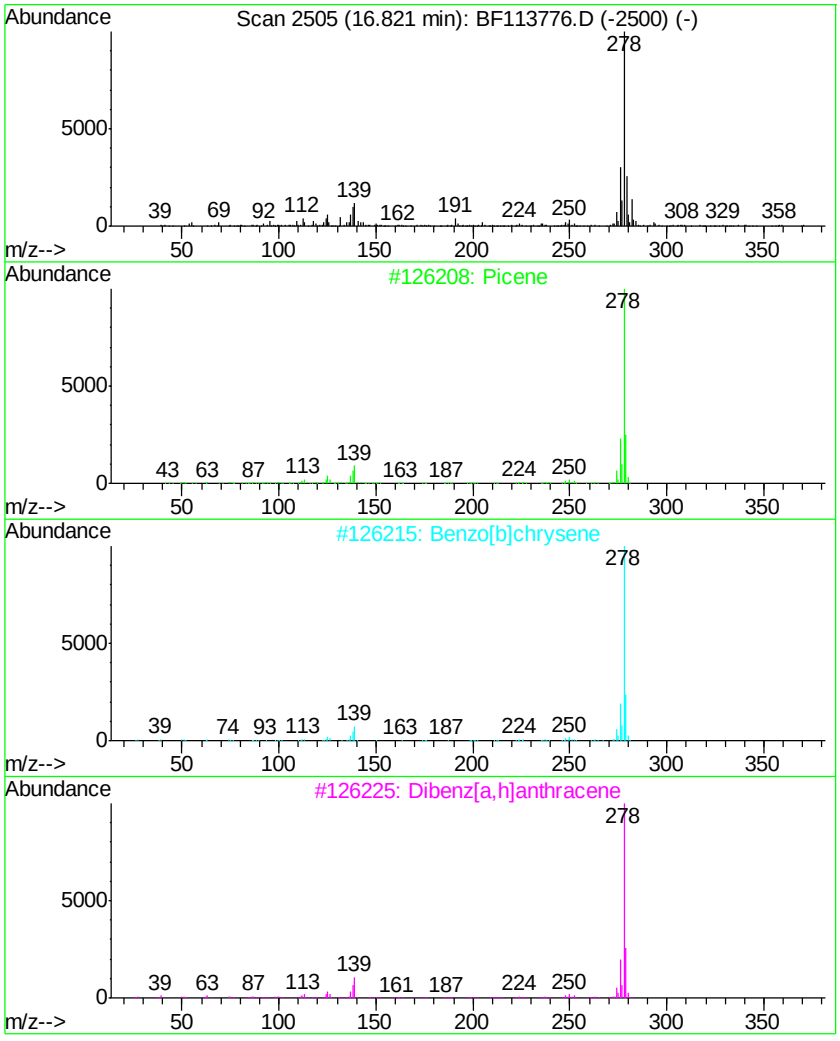
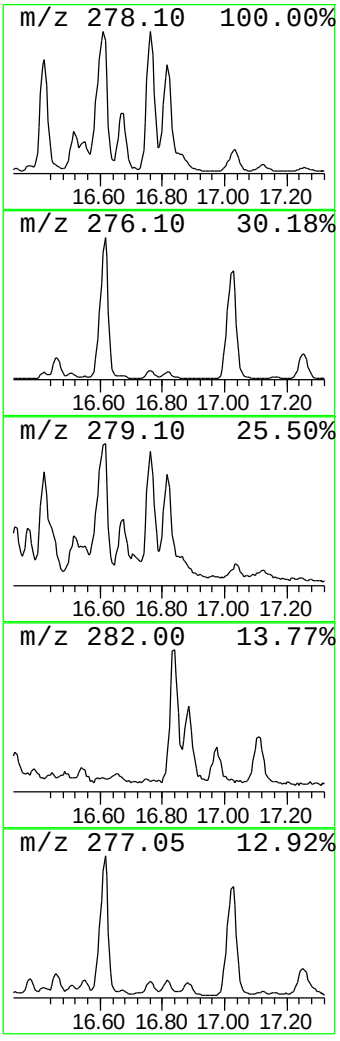
Peak Number 19 Benzo[b]chrysene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	8.62 ng	347360	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	98
2	Benzo[b]chrysene	278	C22H14	000214-17-5	98
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
4	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
5	Pentaphene	278	C22H14	000222-93-5	95





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ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

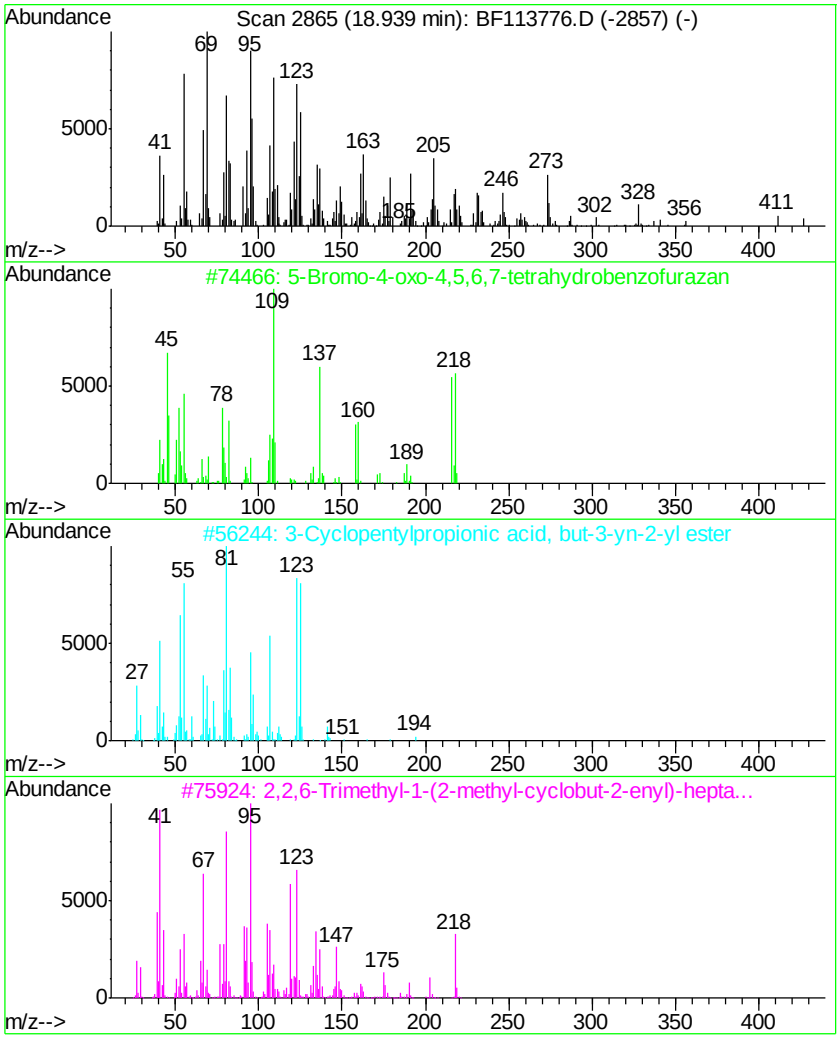
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

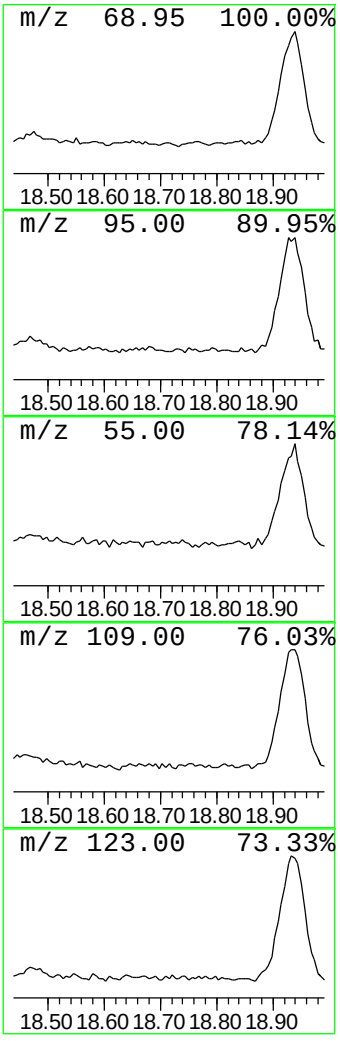
****

Peak Number 20 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	16.32 ng	657374	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	68
2	3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	51
3	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	42
4	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	42
5	2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113776.D
Acq On : 15 Apr 2019 21:32
Operator : JU/SJ
Sample : K2397-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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
unknown6.45	6.45	81.5	ng	2589680	1	6.67	635095	20.0
Benzene, 1-methyl...	6.75	4.0	ng	128430	1	6.67	635095	20.0
Naphthalene, 1,6-...	10.61	3.9	ng	170644	4	11.19	879028	20.0
n-Hexadecanoic acid	11.72	13.2	ng	580718	4	11.19	879028	20.0
4H-Cyclopenta[def...	11.80	5.9	ng	259632	4	11.19	879028	20.0
Phenanthrene, 2,5...	12.23	5.8	ng	257189	4	11.19	879028	20.0
Heptadecane	12.27	4.4	ng	192023	4	11.19	879028	20.0
Cyclopenta(def)ph...	12.33	7.9	ng	346387	4	11.19	879028	20.0
Octadecanoic acid	12.50	6.1	ng	266426	4	11.19	879028	20.0
Pyrene, 2-methyl-	12.85	3.2	ng	468970	5	13.83	2939320	20.0
Pyrene, 4-methyl-	13.06	3.3	ng	483273	5	13.83	2939320	20.0
Triphenylene, 2-m...	14.22	5.2	ng	764416	5	13.83	2939320	20.0
Octadecane	14.59	4.2	ng	167246	6	15.24	805679	20.0
1,2'-Binaphthalene	14.70	10.0	ng	401087	6	15.24	805679	20.0
Benzo[e]pyrene	14.94	14.2	ng	573825	6	15.24	805679	20.0
Picene	16.76	10.0	ng	401267	6	15.24	805679	20.0
Benzo[b]chrysene	16.82	8.6	ng	347360	6	15.24	805679	20.0
5-Bromo-4-oxo-4,5...	18.94	16.3	ng	657374	6	15.24	805679	20.0