LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113775.D
Acq On : 15 Apr 2019 21:03
Operator : JU/SJ
Sample : K2397-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-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	541	544	573	rBV	1774597	2431637	84.19%	4.682%
2	6.328	717	721	737	rBV	2274453	2561506	88.69%	4.932%
3	6.445	737	741	750	rVB	2613806	2550070	88.29%	4.910%
4	6.669	776	779	788	rBV	679662	651722	22.57%	1.255%
5	6.745	789	792	797	rVB	35975	34043	1.18%	0.066%
6	6.828	802	806	823	rVB	2089558	2072204	71.75%	3.990%
7	7.239	872	876	899	rBV	1469149	1686421	58.39%	3.247%
8	7.951	994	997	1018	rVB	737244	913728	31.64%	1.759%
9	9.028	1176	1180	1192	rBV	3193861	2888132	100.00%	5.561%
10	9.428	1245	1248	1256	rVB	214216	220634	7.64%	0.425%
11	9.569	1269	1272	1276	rBV	53855	48545	1.68%	0.093%
12	9.704	1291	1295	1298	rBV	888535	890173	30.82%	1.714%
13	9.733	1298	1300	1310	rVB	68324	87378	3.03%	0.168%
14	9.916	1326	1331	1335	rBV2	31722	46678	1.62%	0.090%
15	10.133	1366	1368	1371	rVB	34583	31154	1.08%	0.060%
16	10.257	1385	1389	1394	rVB2	39864	52222	1.81%	0.101%
17	10.416	1409	1416	1418	rVB3	29016	41600	1.44%	0.080%
18	10.492	1425	1429	1441	rBV	1595988	1741286	60.29%	3.353%
19	10.610	1446	1449	1457	rVB3	74975	100829	3.49%	0.194%
20	10.804	1478	1482	1485	rBV2	28339	31330	1.08%	0.060%
21	10.951	1505	1507	1512	rVB3	31199	33429	1.16%	0.064%
22	11.010	1513	1517	1519	rVV2	35930	37376	1.29%	0.072%
23	11.051	1519	1524	1528	rVV4	42616	80878	2.80%	0.156%
24	11.086	1528	1530	1535	rVB	59786	59068	2.05%	0.114%
25	11.186	1543	1547	1549	rBV	1052811	938331	32.49%	1.807%
26	11.210	1549	1551	1556	rVV	940615	813400	28.16%	1.566%
27	11.269	1558	1561	1564	rVB	178303	188609	6.53%	0.363%
28	11.433	1585	1589	1594	rBV3	69640	100827	3.49%	0.194%
29	11.480	1594	1597	1599	rVV2	64065	52589	1.82%	0.101%
30	11.657	1623	1627	1630	rBV4	37006	65873	2.28%	0.127%
31	11.686	1630	1632	1635	rVV	209105	195601	6.77%	0.377%
32	11.722	1635	1638	1643	rVV2	597391	721514	24.98%	1.389%
33	11.769	1643	1646	1648	rVV	137859	157213	5.44%	0.303%
34	11.798	1648	1651	1654	rVV	329855	371077	12.85%	0.715%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2397-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-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	11.822	1654	1655	1661	rVV	159786	122869	4.25%	0.237%
36	11.886	1663	1666	1668	rBV2	61390	46915	1.62%	0.090%
37	11.980	1679	1682	1687	rVB	142767	119342	4.13%	0.230%
38	12.033	1688	1691	1693	rVB	33428	32572	1.13%	0.063%
39	12.133	1705	1708	1710	rVB	49307	43383	1.50%	0.084%
40	12.163	1711	1713	1716	rBV	59789	43715	1.51%	0.084%
41	12.192	1716	1718	1720	rVB	45139	33120	1.15%	0.064%
42	12.233	1722	1725	1728	rBV	219399	221137	7.66%	0.426%
43	12.274	1728	1732	1734	rVV	150478	140593	4.87%	0.271%
44	12.333	1738	1742	1749	rVB2	107891	166939	5.78%	0.321%
45	12.398	1749	1753	1757	rBV	2225958	1962753	67.96%	3.779%
46	12.427	1757	1758	1763	rVB3	50139	68166	2.36%	0.131%
47	12.504	1768	1771	1776	rBV4	180994	223154	7.73%	0.430%
48	12.551	1776	1779	1782	rBV	118159	100409	3.48%	0.193%
49	12.627	1786	1792	1798	rBV	2068920	2305090	79.81%	4.438%
50	12.680	1798	1801	1806	rVB2	127826	156608	5.42%	0.302%
51	12.763	1810	1815	1819	rBV	2312823	2312800	80.08%	4.453%
52	12.845	1825	1829	1833	rBV2	182516	312446	10.82%	0.602%
53	12.904	1837	1839	1841	rVB	67718	47364	1.64%	0.091%
54	12.933	1841	1844	1845	rBV2	153320	157947	5.47%	0.304%
55	12.957	1845	1848	1853	rVB	331674	316882	10.97%	0.610%
56	12.998	1853	1855	1857	rBV2	114322	102324	3.54%	0.197%
57	13.021	1857	1859	1861	rVB	195147	148872	5.15%	0.287%
58	13.063	1861	1866	1870	rBV2	261791	312300	10.81%	0.601%
59	13.151	1878	1881	1884	rBV	176485	164448	5.69%	0.317%
60	13.186	1884	1887	1890	rVB	139224	157104	5.44%	0.303%
61	13.339	1909	1913	1915	rBV3	135682	167615	5.80%	0.323%
62	13.474	1933	1936	1939	rBV	198705	170649	5.91%	0.329%
63	13.580	1950	1954	1955	rBV	216722	240166	8.32%	0.462%
64	13.598	1955	1957	1959	rVB	197450	153390	5.31%	0.295%
65	13.627	1959	1962	1964	rBV	209530	223181	7.73%	0.430%
66	13.686	1970	1972	1977	rVB	206980	184009	6.37%	0.354%
67	13.816	1988	1994	1998	rBV2	1754749	2749238	95.19%	5.294%
68	13.851	1998	2000	2008	rVB	1575040	1399680	48.46%	2.695%
69	13.927	2011	2013	2017	rVB	242344	232069	8.04%	0.447%
70	13.986	2020	2023	2028	rBV5	125512	183628	6.36%	0.354%
71	14.174	2053	2055	2057	rBV	111772	92320	3.20%	0.178%

LSC Area Percent Report

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Sample : K2397-03
Misc :
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Instrument : BNA_F
ClientSampleId : TP-1-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

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

72	14.215	2057	2062	2065	rVV	417223	501018	17.35%	0.965%
73	14.245	2065	2067	2070	rVB	183455	154869	5.36%	0.298%
74	14.286	2071	2074	2076	rBV3	220323	214095	7.41%	0.412%
75	14.310	2076	2078	2080	rVB	82428	53030	1.84%	0.102%
76	14.339	2080	2083	2084	rBV	145979	120408	4.17%	0.232%
77	14.539	2115	2117	2122	rVB3	101645	117597	4.07%	0.226%
78	14.698	2141	2144	2147	rBV2	226979	241441	8.36%	0.465%
79	14.845	2164	2169	2171	rBV	1732898	2311749	80.04%	4.451%
80	14.945	2182	2186	2190	rBV	360699	402876	13.95%	0.776%
81	15.027	2197	2200	2201	rBV2	95541	112392	3.89%	0.216%
82	15.121	2212	2216	2222	rBV	1083376	1299199	44.98%	2.502%
83	15.186	2222	2227	2232	rVV	1545650	1833587	63.49%	3.531%
84	15.239	2232	2236	2239	rVV	701182	898762	31.12%	1.731%
85	15.268	2239	2241	2248	rVB2	472723	607971	21.05%	1.171%
86	15.762	2322	2325	2329	rBV2	91023	111964	3.88%	0.216%
87	16.415	2432	2436	2439	rBV2	99155	137003	4.74%	0.264%
88	16.609	2462	2469	2475	rVB	910056	1660728	57.50%	3.198%
89	16.756	2489	2494	2499	rBV	205008	381284	13.20%	0.734%
90	16.809	2499	2503	2511	rVB2	155127	318699	11.03%	0.614%
91	17.015	2532	2538	2547	rVB	649895	1309610	45.34%	2.522%
92	17.245	2574	2577	2585	rVB	155825	295065	10.22%	0.568%
93	18.927	2857	2863	2870	rVB4	126635	338933	11.74%	0.653%

Sum of corrected areas: 51934554

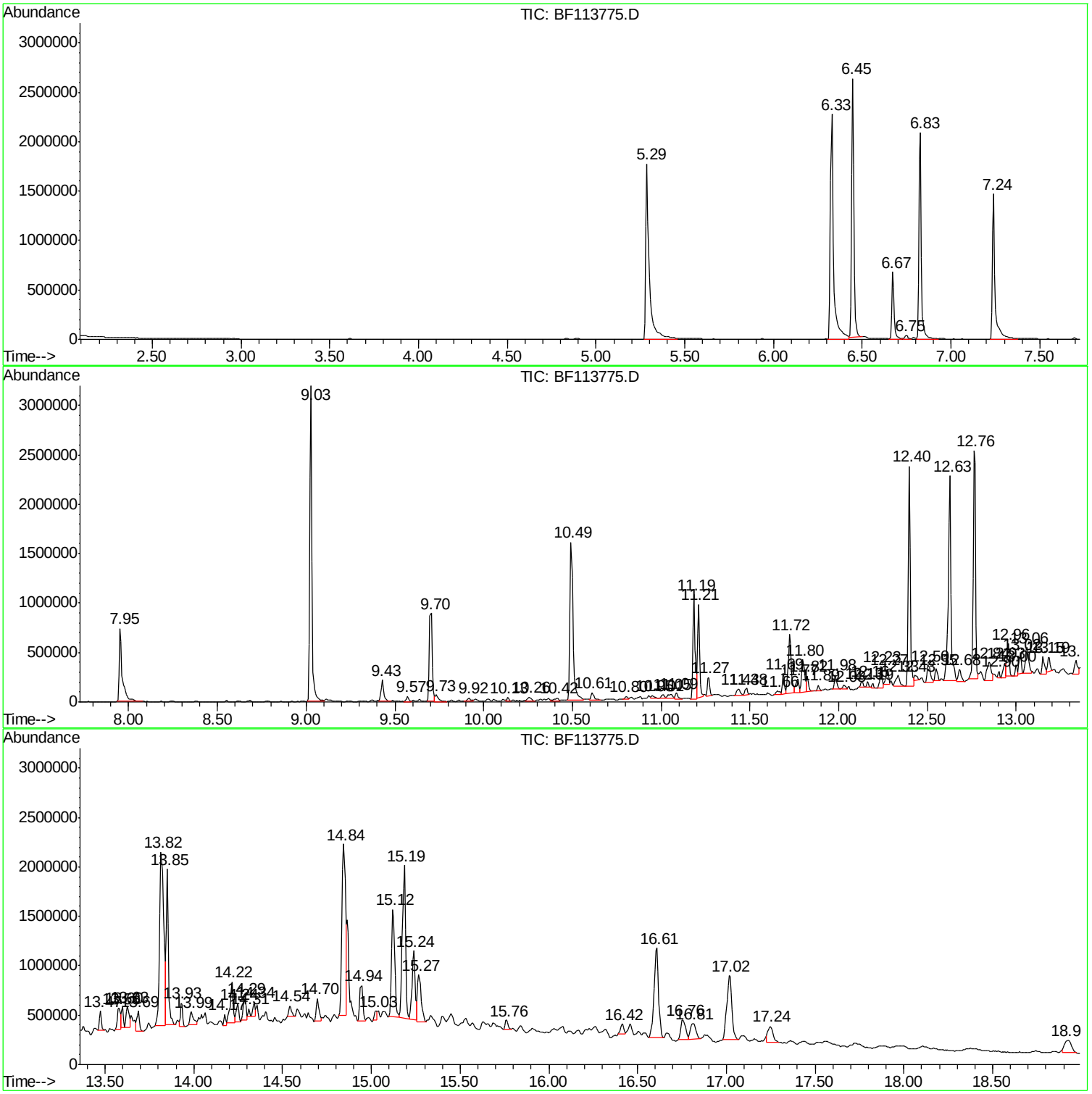
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113775.D
Acq On : 15 Apr 2019 21:03
Operator : JU/SJ
Sample : K2397-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113775.D
Acq On : 15 Apr 2019 21:03
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Sample : K2397-03
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

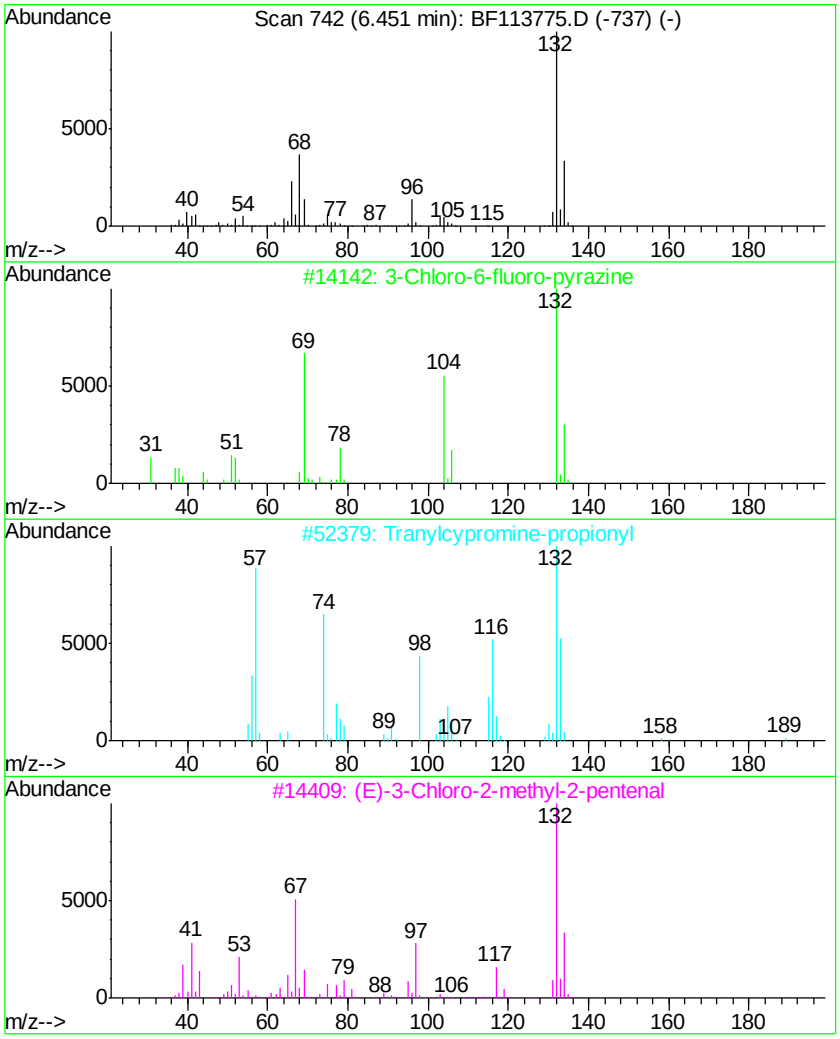
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

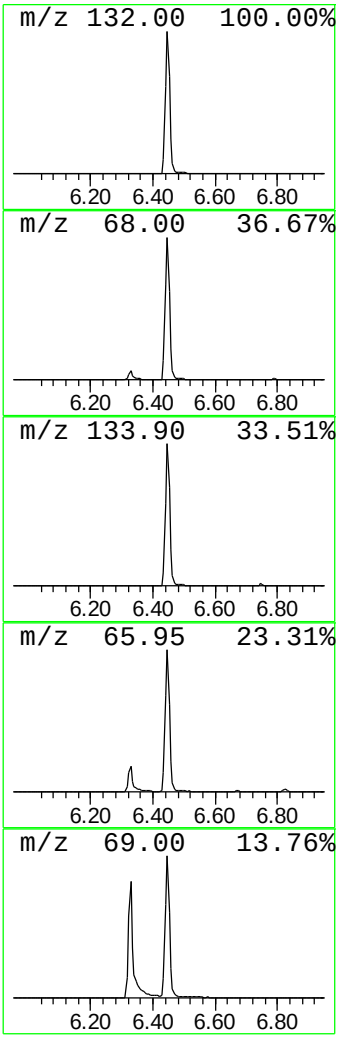
****

Peak Number 1 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	78.26 ng	2550070	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113775.D
Acq On : 15 Apr 2019 21:03
Operator : JU/SJ
Sample : K2397-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-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

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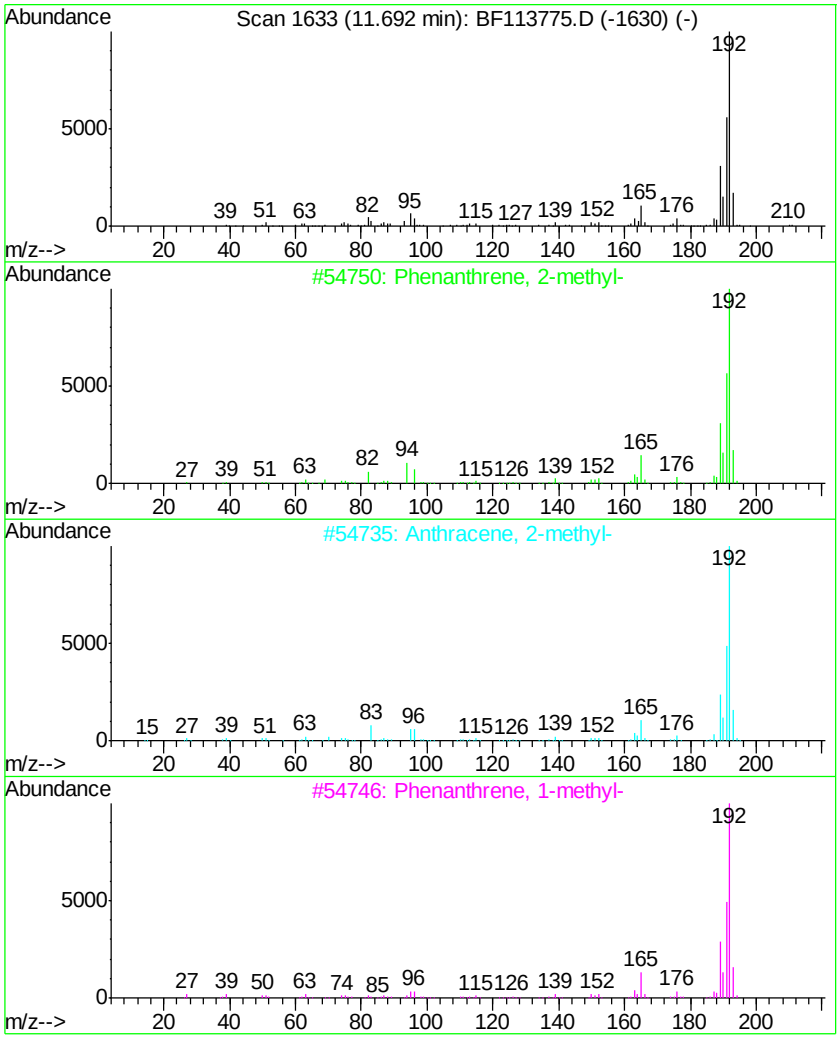
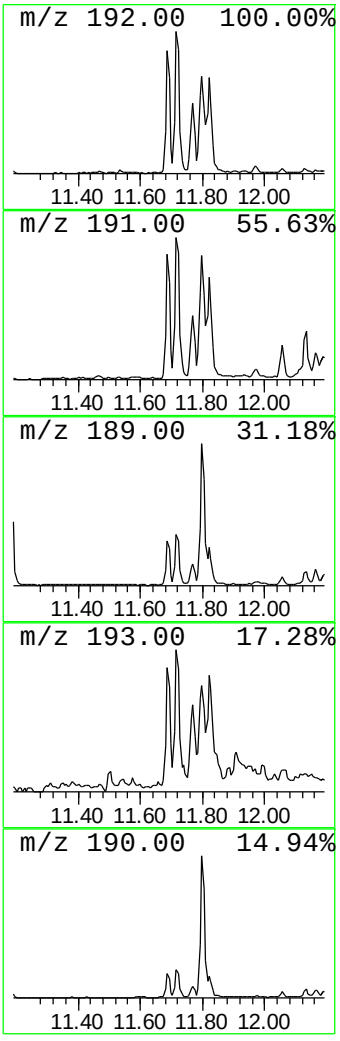
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	4.17 ng	195601	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Sample : K2397-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-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

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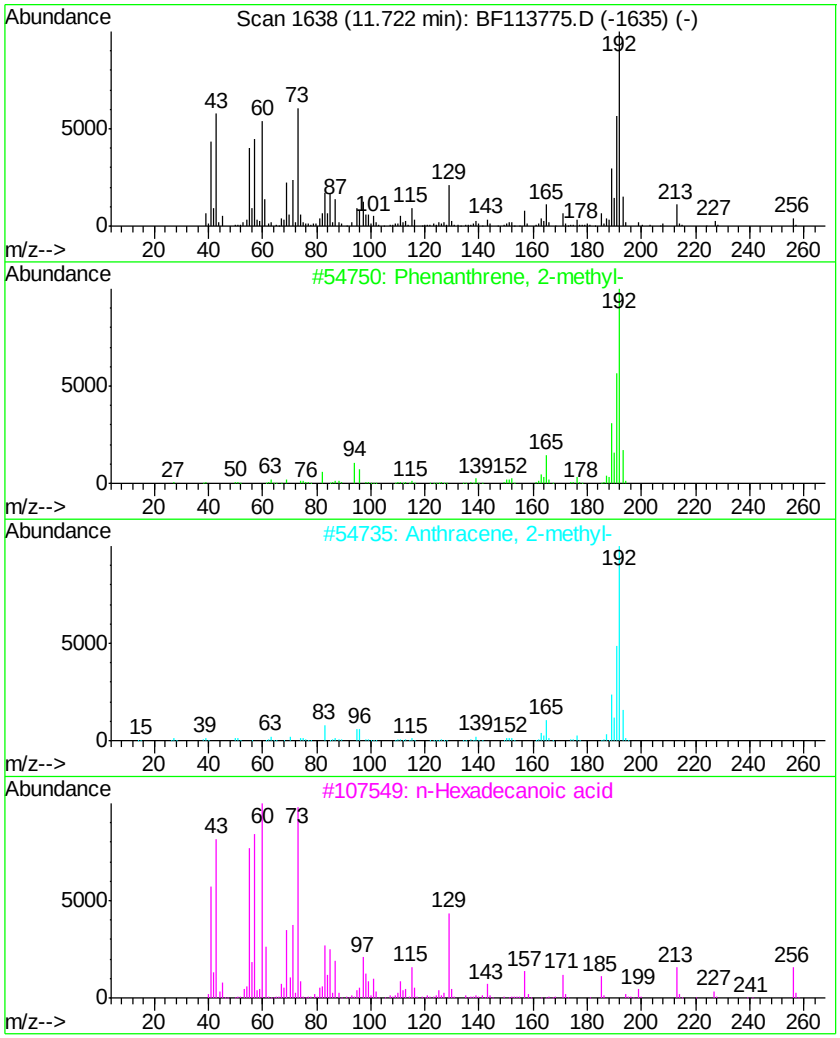
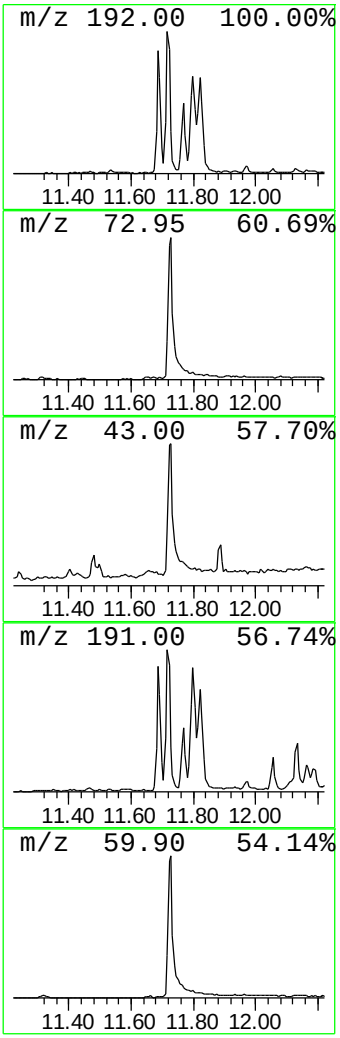
Peak Number 4 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	15.38 ng	721514	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113775.D
Acq On : 15 Apr 2019 21:03
Operator : JU/SJ
Sample : K2397-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

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

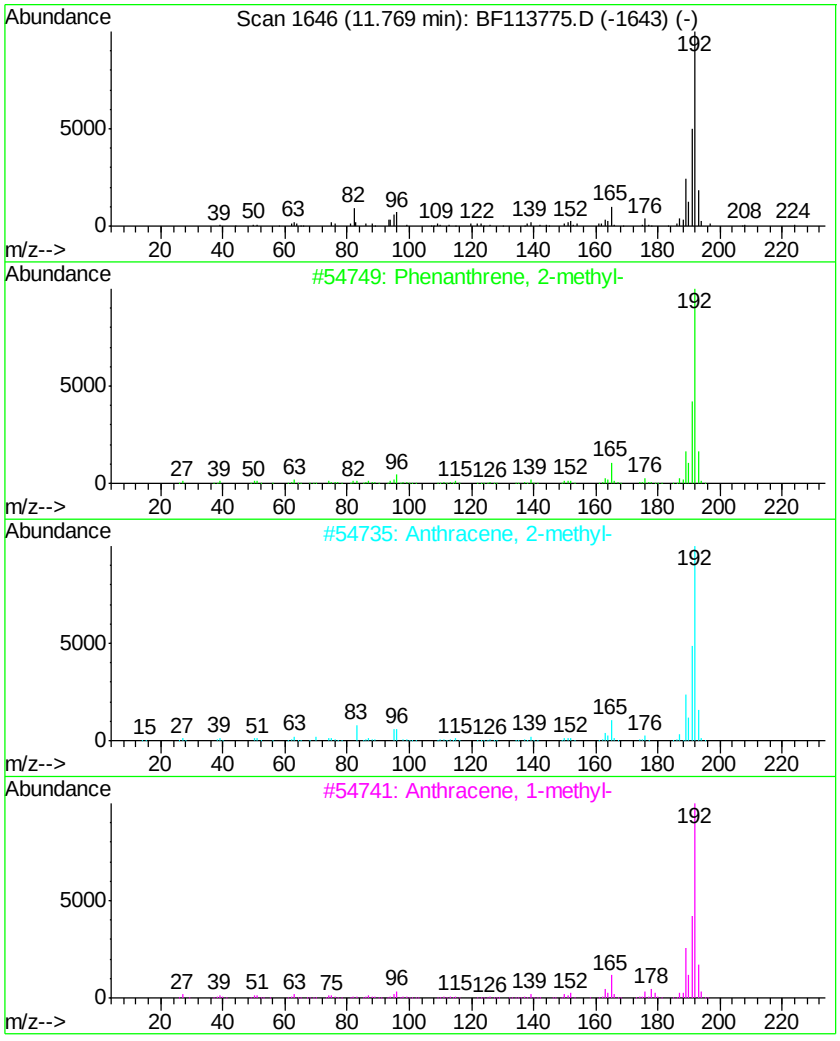
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

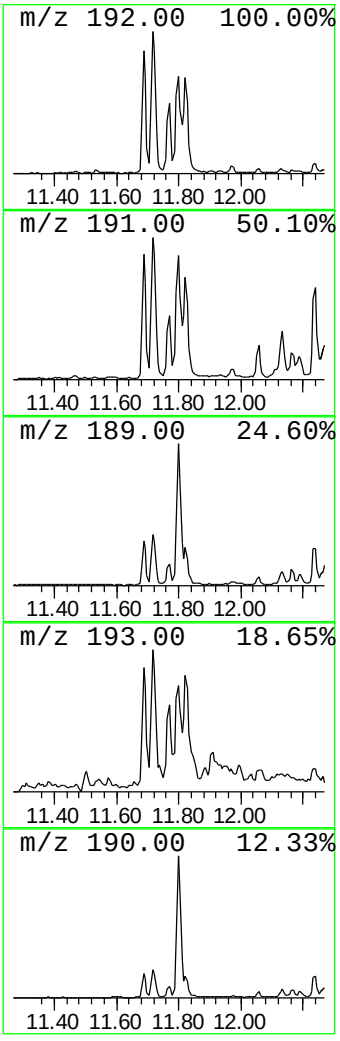
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.35 ng	157213	Phenanthrene-d10	11.19

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	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Data File : BF113775.D
Acq On : 15 Apr 2019 21:03
Operator : JU/SJ
Sample : K2397-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-S

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

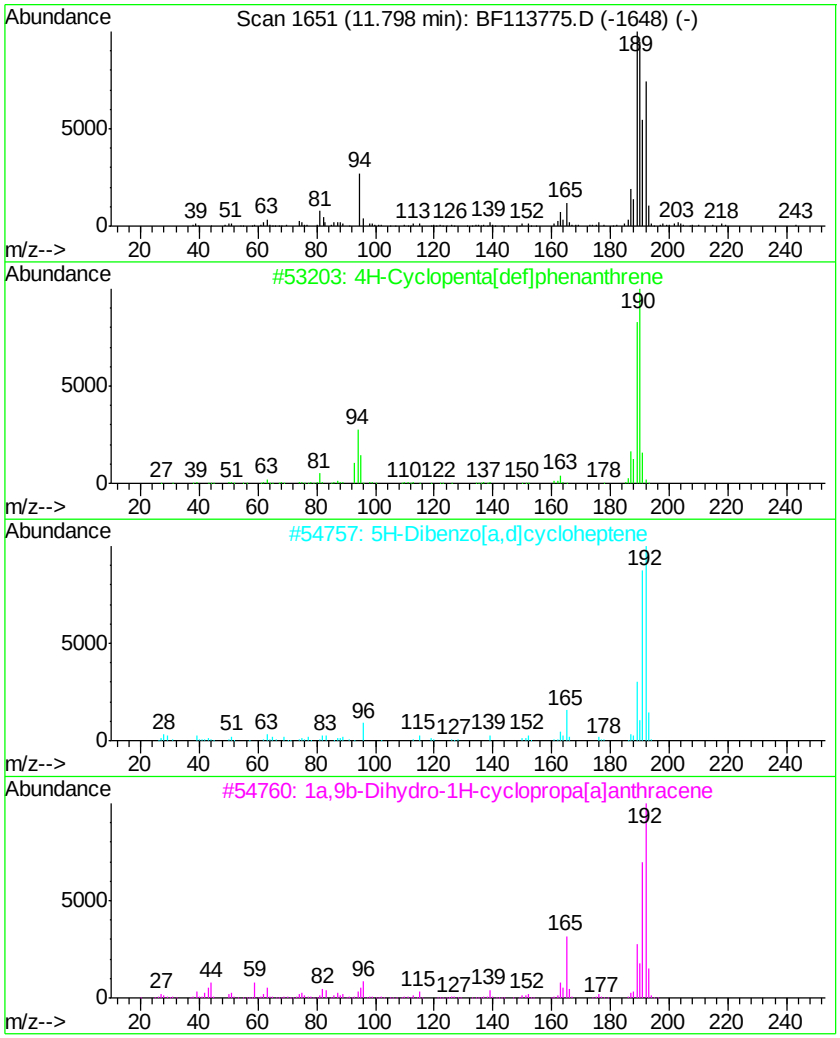
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

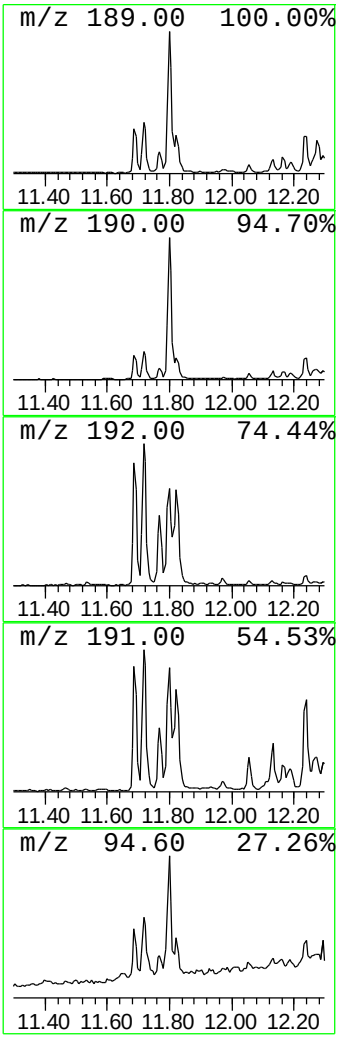
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	7.91 ng	371077	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	38
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113775.D
Acq On : 15 Apr 2019 21:03
Operator : JU/SJ
Sample : K2397-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-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

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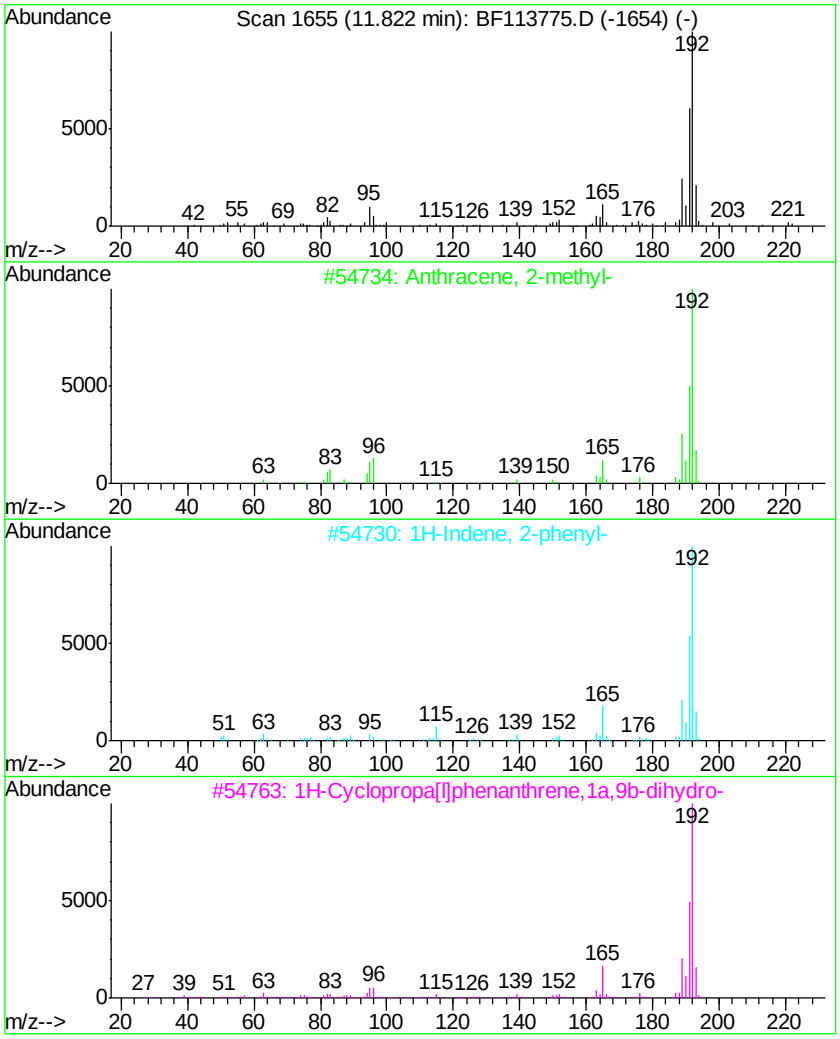
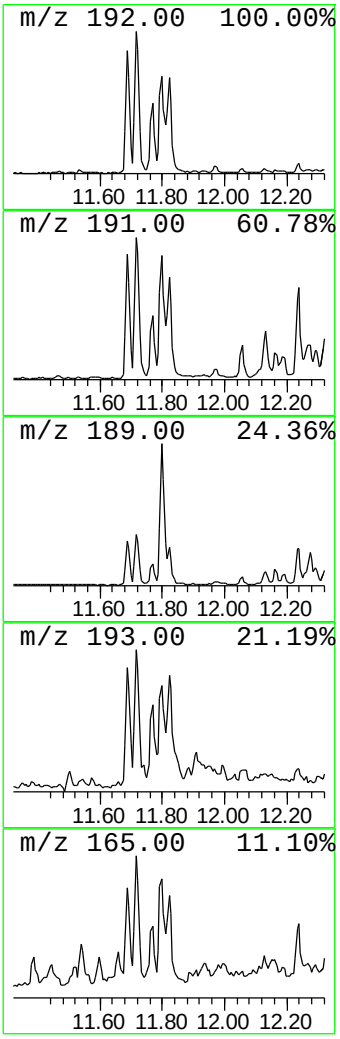
Peak Number 7 1H-Indene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.62 ng	122869	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83





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Data File : BF113775.D
Acq On : 15 Apr 2019 21:03
Operator : JU/SJ
Sample : K2397-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-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

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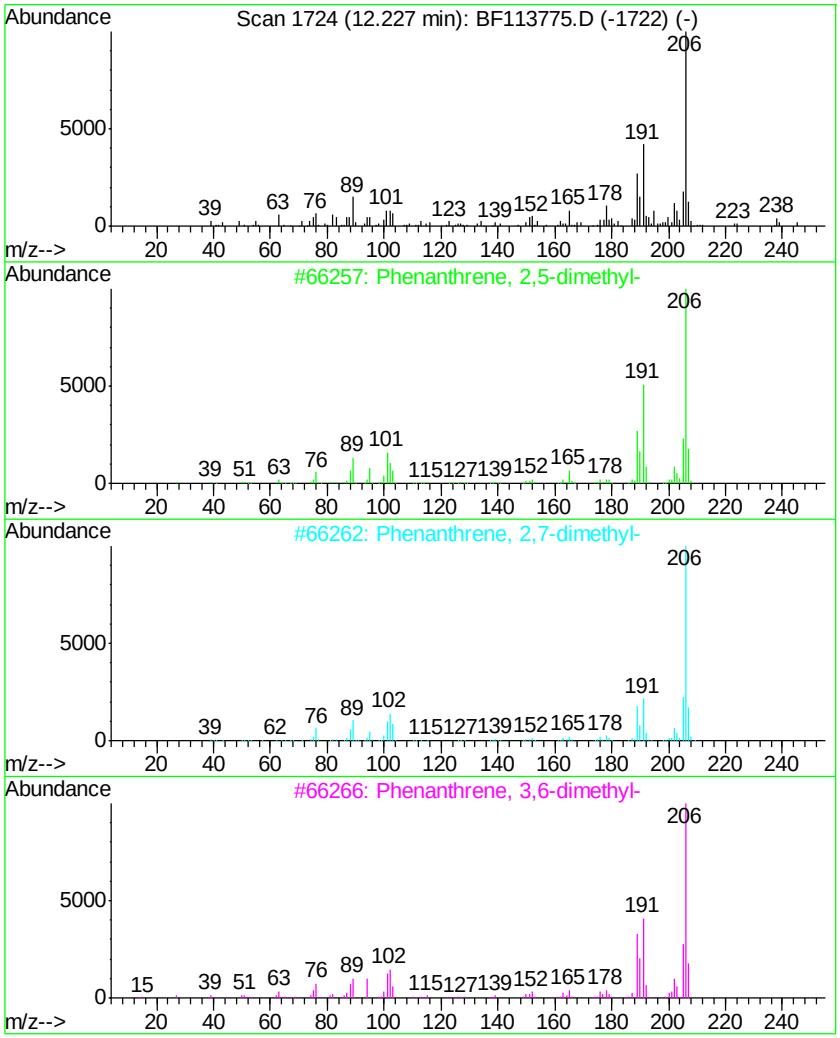
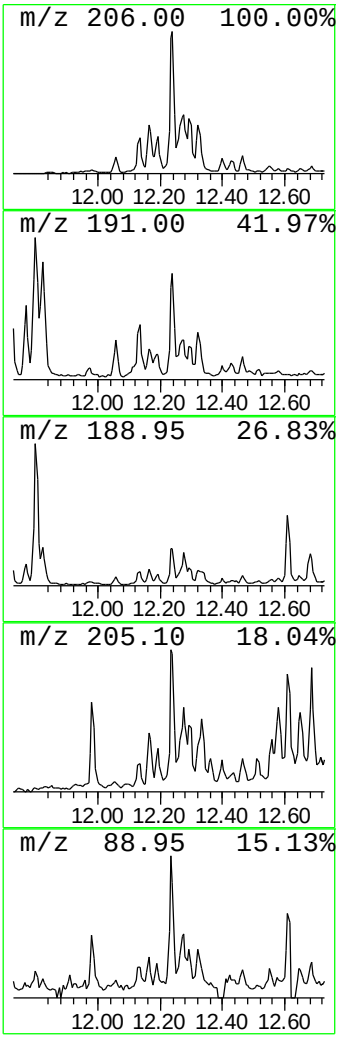
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	4.71 ng	221137	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93





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Acq On : 15 Apr 2019 21:03
Operator : JU/SJ
Sample : K2397-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-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

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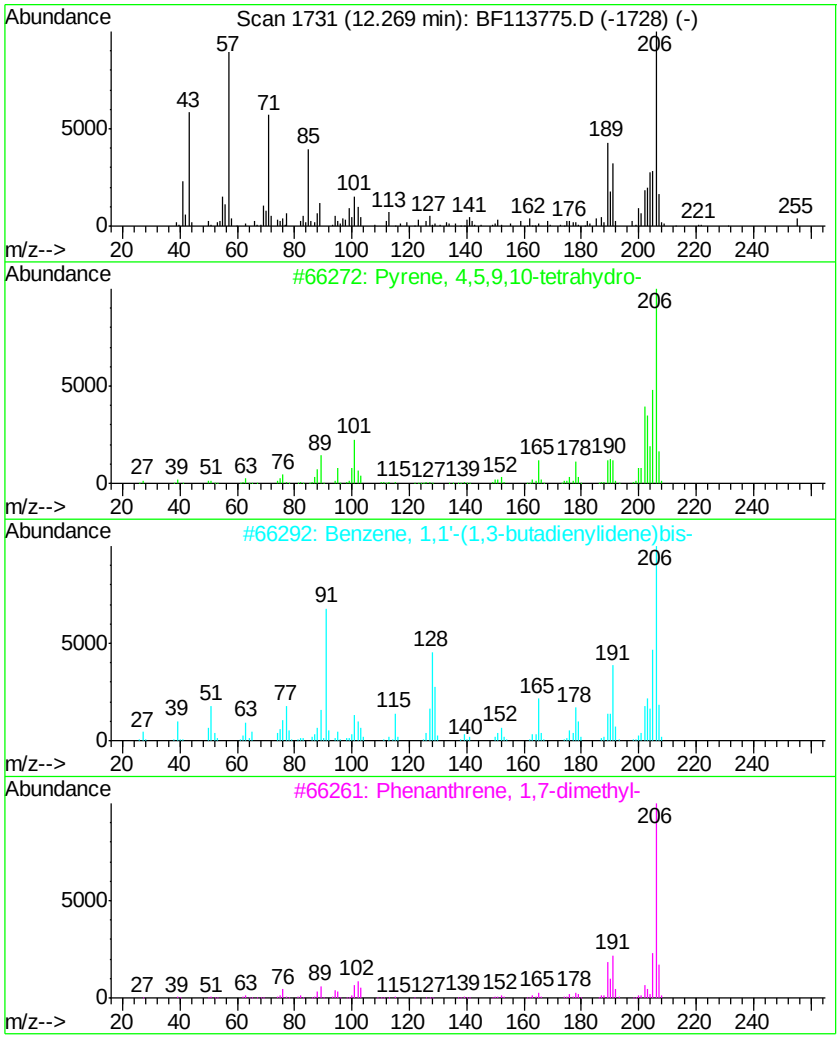
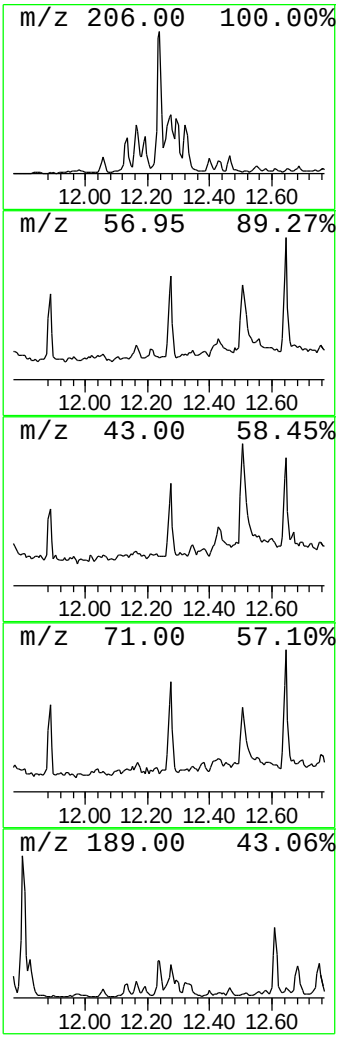
Peak Number 9 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	3.00 ng	140593	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	51
2	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	38
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	25
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	25
5	Quinoline, 2-(2-pyridinyl)-	206	C14H10N2	007491-86-3	18





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Operator : JU/SJ
Sample : K2397-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-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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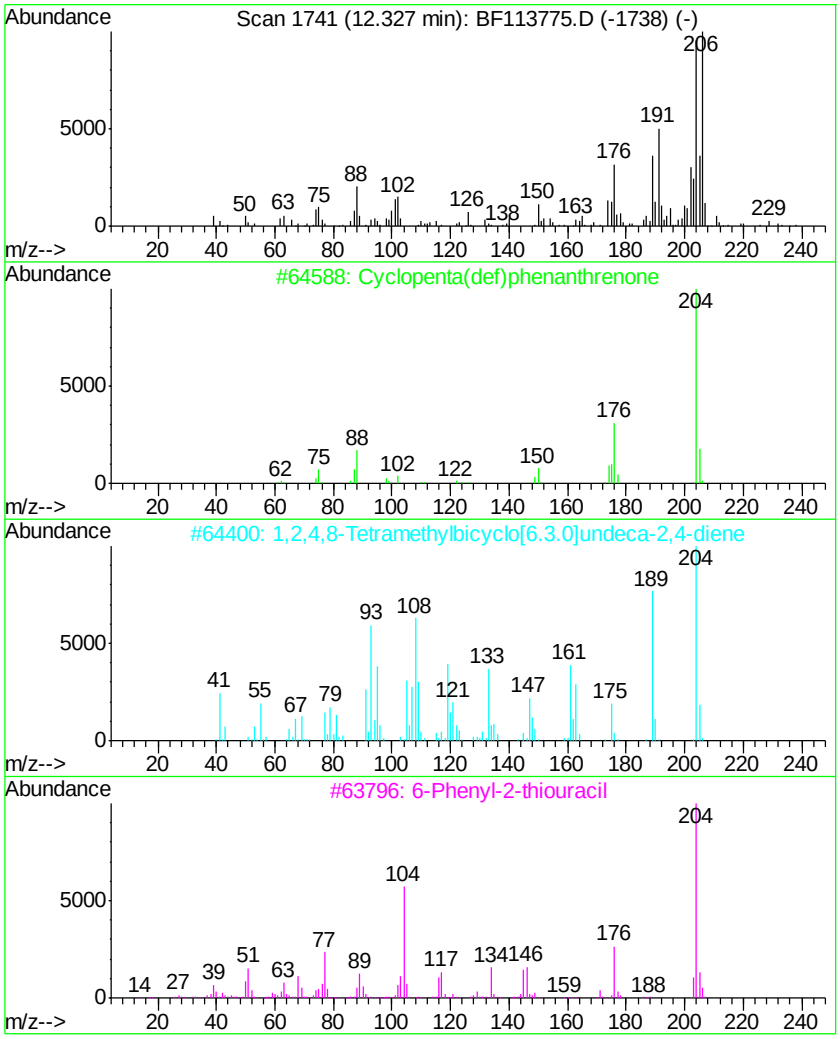
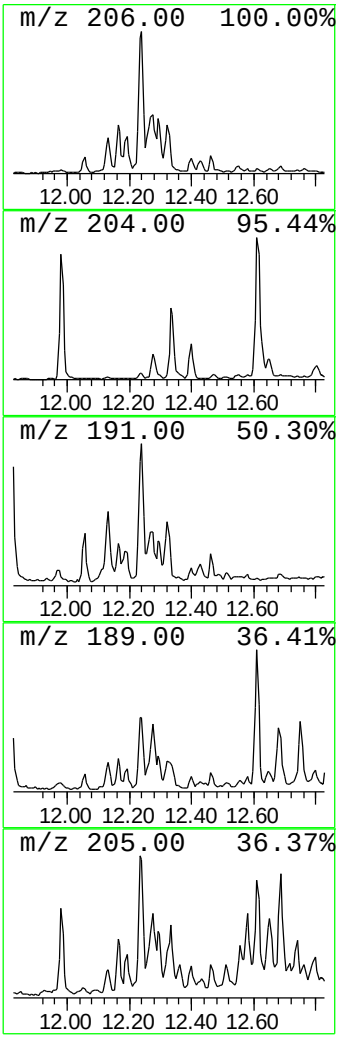
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	3.56 ng	166939	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	64
3	6-Phenyl-2-thiouracil	204	C10H8N2OS	005590-94-3	53
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	50





Library Search Compound Report

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Data File : BF113775.D
Acq On : 15 Apr 2019 21:03
Operator : JU/SJ
Sample : K2397-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-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

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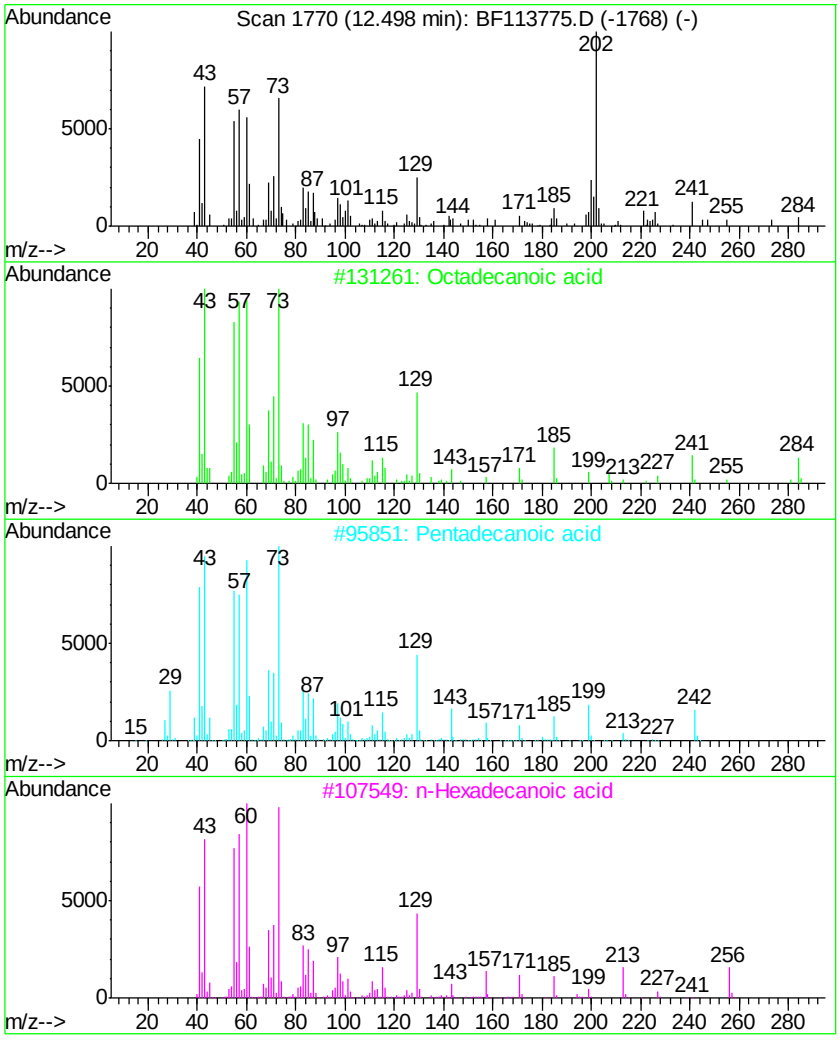
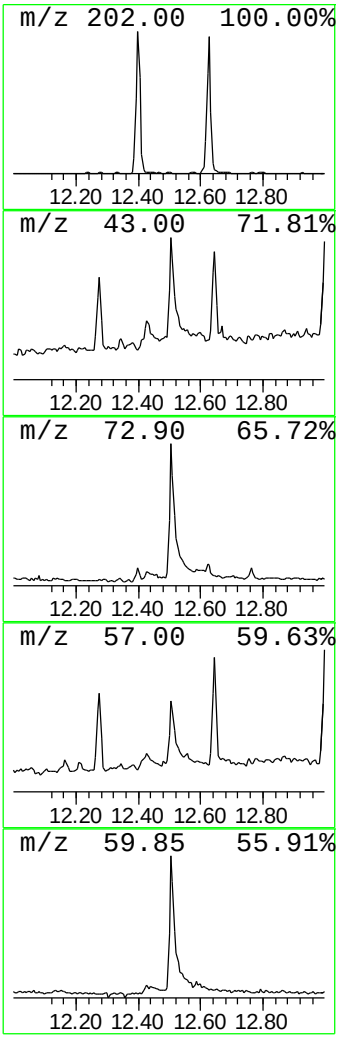
Peak Number 11 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	4.76 ng	223154	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	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Acq On : 15 Apr 2019 21:03
Operator : JU/SJ
Sample : K2397-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-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

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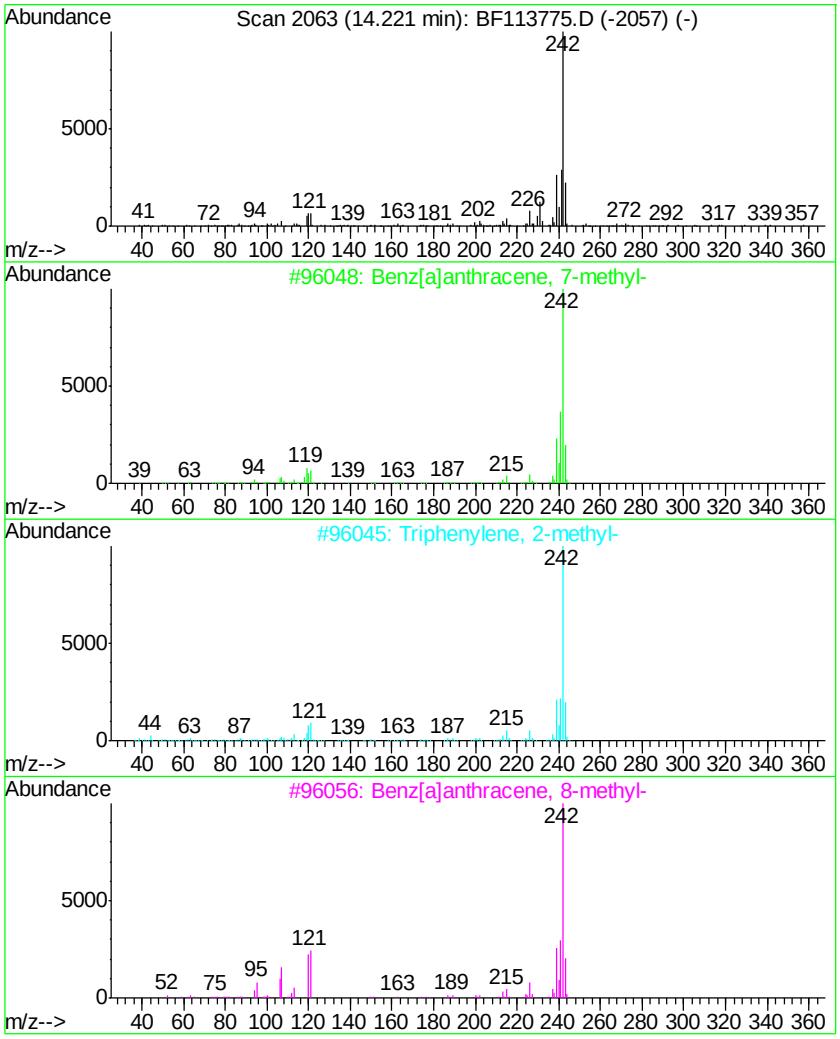
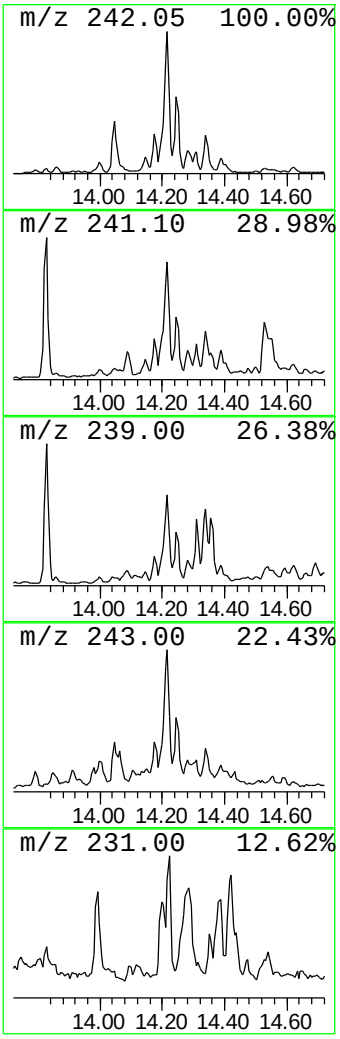
Peak Number 12 Benz[a]anthracene, 7-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	3.64 ng	501018	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	98
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	95
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	94





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Acq On : 15 Apr 2019 21:03
Operator : JU/SJ
Sample : K2397-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-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

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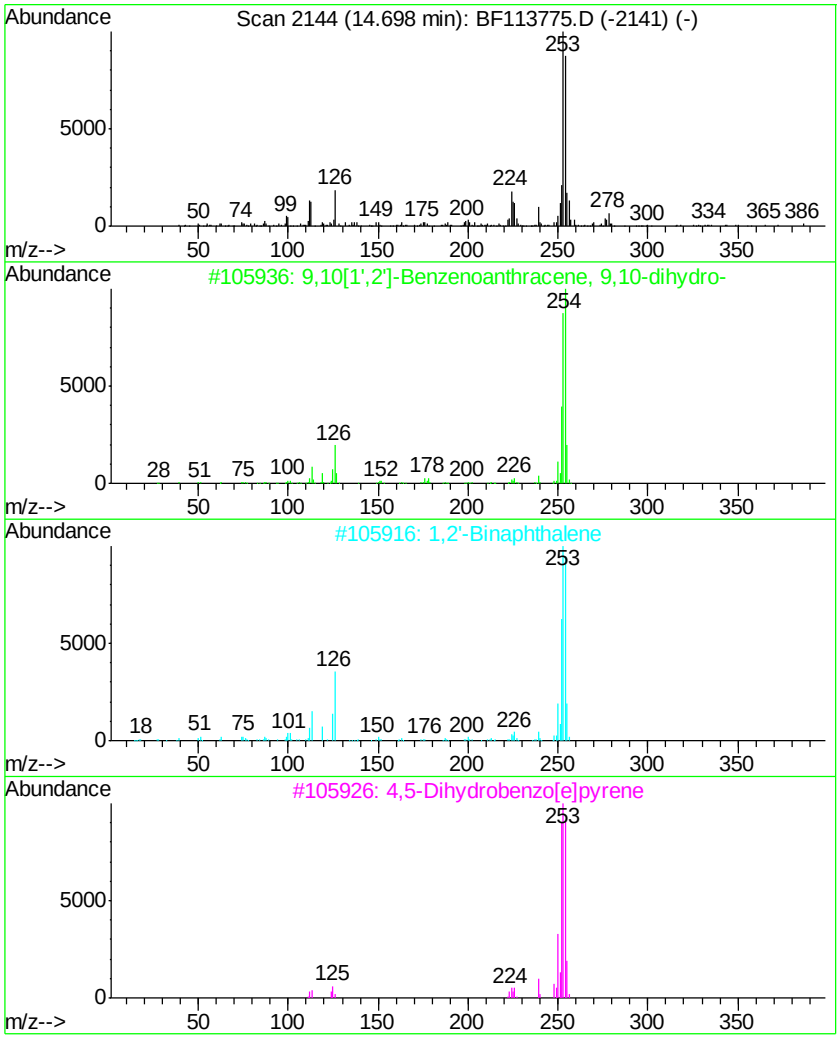
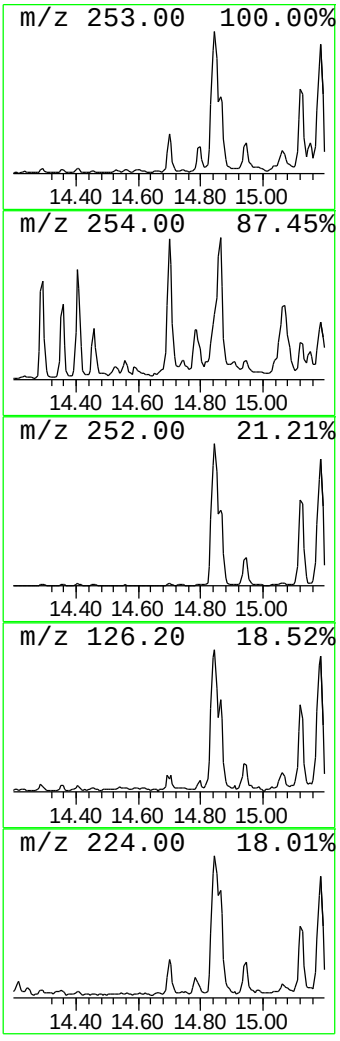
Peak Number 13 9,10[1',2']-Benzenoanthrace... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	5.37 ng	241441	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	81
2	1,2'-Binaphthalene	254	C20H14	004325-74-0	68
3	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	64
4	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	64
5	4,6'-Biazulenyl	254	C20H14	094154-49-1	59





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Acq On : 15 Apr 2019 21:03
Operator : JU/SJ
Sample : K2397-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-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
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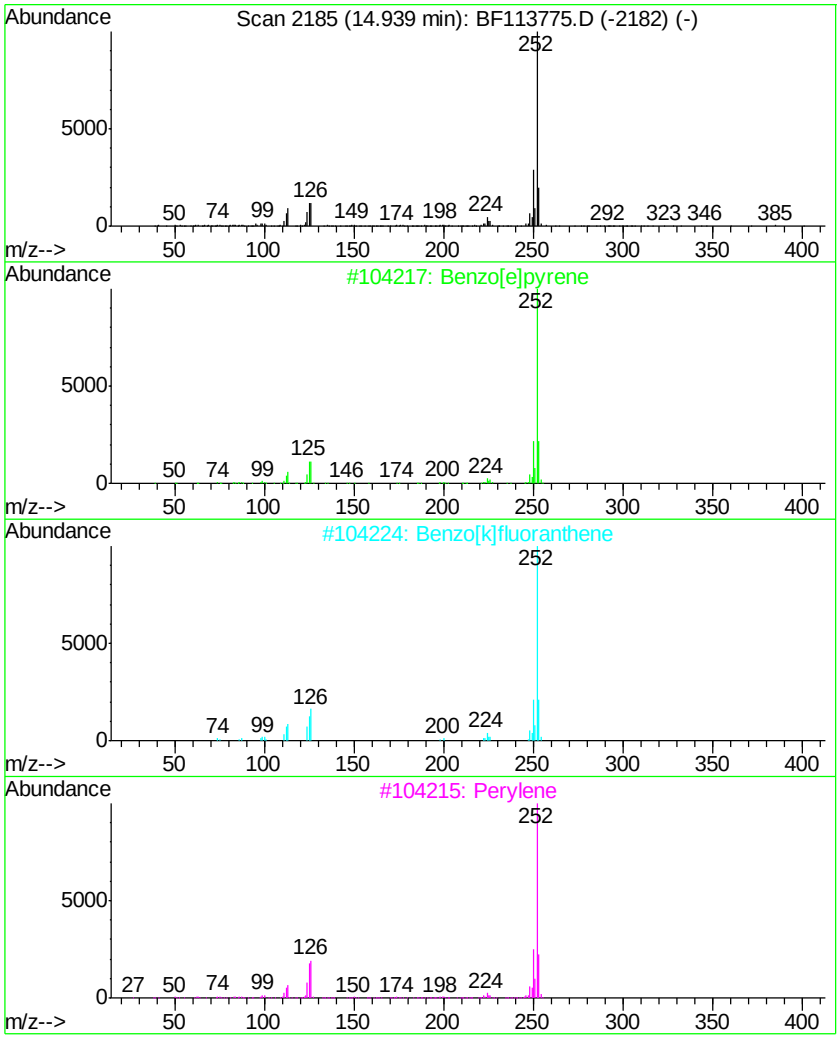
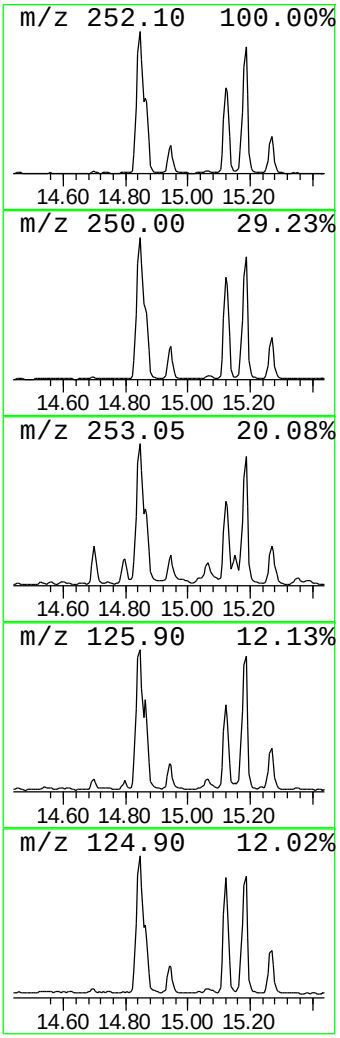
Peak Number 14 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	8.97 ng	402876	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





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Data File : BF113775.D
Acq On : 15 Apr 2019 21:03
Operator : JU/SJ
Sample : K2397-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-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

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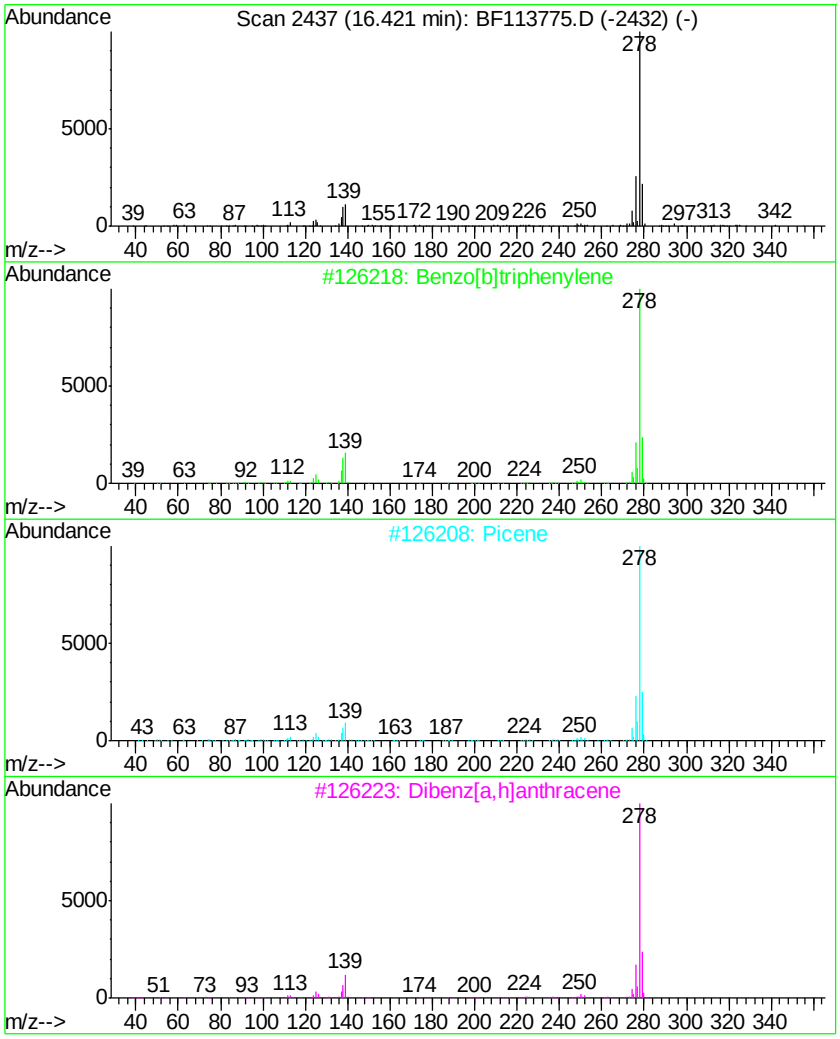
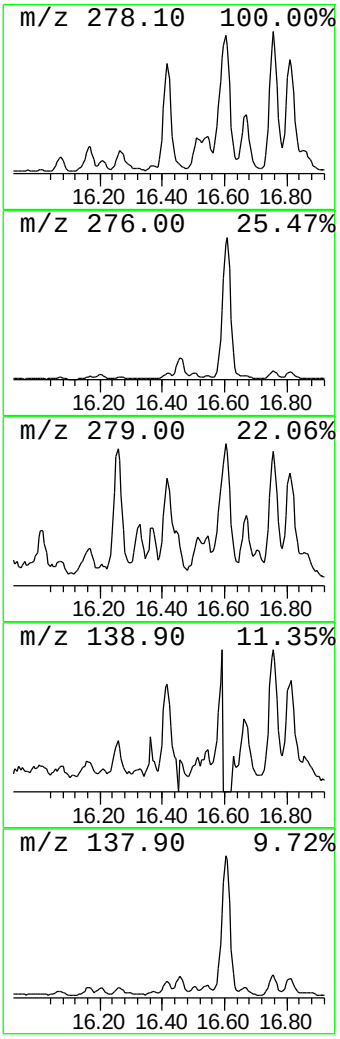
Peak Number 16 Benzo[b]triphenylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	3.05 ng	137003	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
2	Picene	278	C22H14	000213-46-7	93
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	90
4	Pentaphene	278	C22H14	000222-93-5	90
5	Pentacene	278	C22H14	000135-48-8	89





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Sample : K2397-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1-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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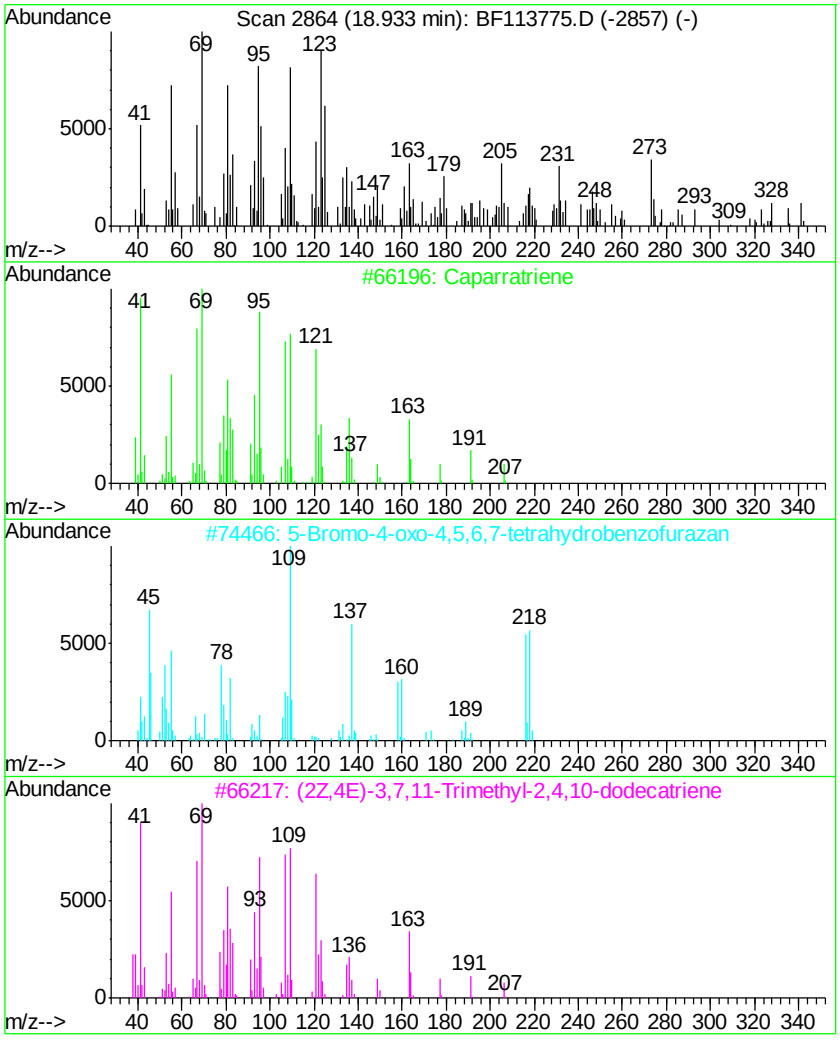
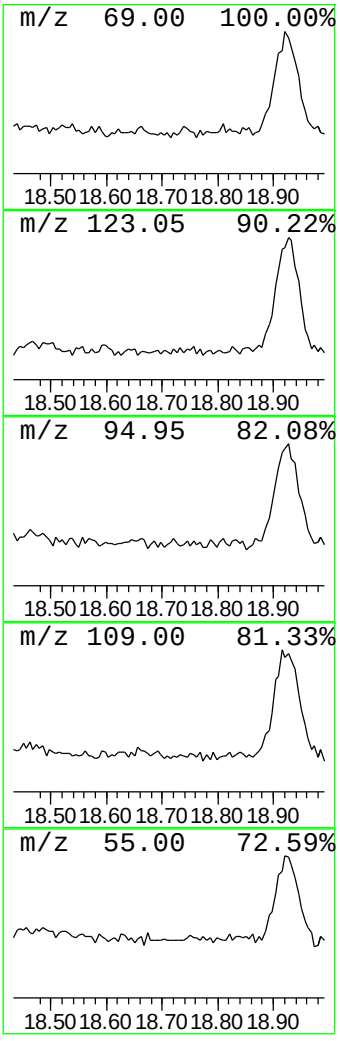
Peak Number 20 Caparratriene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	7.54 ng	338933	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caparratriene	206	C15H26	1000374-08-7	55
2	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	53
3	(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	53
4	3(4H)-Phenanthrenone, 4a,4b,5,6,...	246	C17H26O	057684-12-5	30
5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041519\
Data File : BF113775.D
Acq On : 15 Apr 2019 21:03
Operator : JU/SJ
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.45	6.45	78.3	ng	2550070	1	6.67	651722	20.0
Phenanthrene, 2-m...	11.69	4.2	ng	195601	4	11.19	938331	20.0
Anthracene, 2-met...	11.72	15.4	ng	721514	4	11.19	938331	20.0
Anthracene, 1-met...	11.77	3.4	ng	157213	4	11.19	938331	20.0
4H-Cyclopenta[def...	11.80	7.9	ng	371077	4	11.19	938331	20.0
1H-Indene, 2-phenyl-	11.82	2.6	ng	122869	4	11.19	938331	20.0
Phenanthrene, 2,5...	12.23	4.7	ng	221137	4	11.19	938331	20.0
Pyrene, 4,5,9,10-...	12.27	3.0	ng	140593	4	11.19	938331	20.0
Cyclopenta(def)ph...	12.33	3.6	ng	166939	4	11.19	938331	20.0
Octadecanoic acid	12.50	4.8	ng	223154	4	11.19	938331	20.0
Benz[a]anthracene...	14.22	3.6	ng	501018	5	13.83	2749240	20.0
9,10[1',2']-Benze...	14.70	5.4	ng	241441	6	15.24	898762	20.0
Benzo[e]pyrene	14.94	9.0	ng	402876	6	15.24	898762	20.0
Benzo[b]triphenylene	16.42	3.0	ng	137003	6	15.24	898762	20.0
Caparratriene	18.93	7.5	ng	338933	6	15.24	898762	20.0