LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117716.D
Acq On : 7 Nov 2019 20:27
Operator : JU
Sample : K5723-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-E

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-BF110619.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	2.234	19	25	33	rVB	1340520	1754027	26.09%	1.614%
2	5.151	516	521	528	rVB	1186212	1389530	20.67%	1.278%
3	5.546	583	588	591	rBV	6083916	6062397	90.19%	5.577%
4	5.775	623	627	631	rVB	244339	206337	3.07%	0.190%
5	6.551	753	759	763	rBV	6329052	6643657	98.84%	6.112%
6	6.698	780	784	788	rBV	6474456	6545378	97.37%	6.022%
7	6.934	820	824	827	rBV	2512573	1907406	28.38%	1.755%
8	6.987	830	833	839	rBV2	77423	93050	1.38%	0.086%
9	7.093	847	851	854	rBV	5816888	4952098	73.67%	4.556%
10	7.492	914	919	922	rBV	4483201	4019011	59.79%	3.697%
11	7.557	926	930	937	rVB	83327	105041	1.56%	0.097%
12	8.222	1038	1043	1045	rBV	2784774	2527981	37.61%	2.326%
13	9.298	1221	1226	1229	rBV	7727981	6721922	100.00%	6.184%
14	9.686	1289	1292	1296	rVB	994701	764887	11.38%	0.704%
15	9.981	1338	1342	1345	rBV	3441962	2841398	42.27%	2.614%
16	10.010	1345	1347	1350	rVB	339971	284257	4.23%	0.262%
17	10.181	1372	1376	1380	rVB2	95890	93868	1.40%	0.086%
18	10.528	1432	1435	1441	rBV	280590	240432	3.58%	0.221%
19	10.769	1471	1476	1479	rBV	5274792	4701752	69.95%	4.326%
20	10.869	1488	1493	1495	rBV2	113961	128859	1.92%	0.119%
21	10.892	1495	1497	1501	rVB3	108904	113170	1.68%	0.104%
22	11.081	1518	1529	1531	rBV5	149146	302027	4.49%	0.278%
23	11.104	1531	1533	1536	rVV2	152043	165152	2.46%	0.152%
24	11.163	1540	1543	1546	rVB	111655	113617	1.69%	0.105%
25	11.275	1558	1562	1566	rVB	163074	161453	2.40%	0.149%
26	11.333	1566	1572	1575	rBV2	316227	347200	5.17%	0.319%
27	11.369	1575	1578	1581	rVV	293000	242439	3.61%	0.223%
28	11.475	1592	1596	1598	rBV	3167929	3054492	45.44%	2.810%
29	11.498	1598	1600	1603	rVV	4352803	3241923	48.23%	2.983%
30	11.545	1603	1608	1611	rVV	697730	686244	10.21%	0.631%
31	11.580	1611	1614	1617	rVB2	96847	115988	1.73%	0.107%
32	11.698	1631	1634	1636	rBV	140289	141813	2.11%	0.130%
33	11.804	1648	1652	1654	rBV	372115	292391	4.35%	0.269%
34	11.886	1660	1666	1669	rVB3	221084	276666	4.12%	0.255%

LSC Area Percent Report

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-E

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-BF110619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.975	1678	1681	1683	rVV	1450827	1268639	18.87%	1.167%
36	12.004	1683	1686	1689	rVV	1867863	1848893	27.51%	1.701%
37	12.051	1691	1694	1696	rVV	326651	321585	4.78%	0.296%
38	12.086	1696	1700	1702	rVV2	1512166	1607873	23.92%	1.479%
39	12.110	1702	1704	1709	rVB	1051839	819715	12.19%	0.754%
40	12.175	1713	1715	1718	rVV2	107663	100583	1.50%	0.093%
41	12.210	1718	1721	1723	rVV2	150945	132835	1.98%	0.122%
42	12.269	1729	1731	1733	rVV	574751	515221	7.66%	0.474%
43	12.292	1733	1735	1741	rVB3	556944	530106	7.89%	0.488%
44	12.345	1741	1744	1747	rBV	209317	173489	2.58%	0.160%
45	12.422	1754	1757	1760	rVB	383024	299471	4.46%	0.276%
46	12.451	1760	1762	1764	rBV	299537	213199	3.17%	0.196%
47	12.475	1764	1766	1769	rVB	282061	206734	3.08%	0.190%
48	12.527	1771	1775	1778	rBV	844542	854818	12.72%	0.786%
49	12.563	1778	1781	1783	rVV2	483780	516899	7.69%	0.476%
50	12.580	1783	1784	1786	rVB	203675	133960	1.99%	0.123%
51	12.610	1786	1789	1794	rBV2	492697	520812	7.75%	0.479%
52	12.657	1794	1797	1799	rBV3	69614	91748	1.36%	0.084%
53	12.692	1799	1803	1806	rVB	2916875	2640832	39.29%	2.430%
54	12.757	1812	1814	1816	rVB2	121879	100001	1.49%	0.092%
55	12.780	1816	1818	1821	rVB3	168706	130731	1.94%	0.120%
56	12.816	1821	1824	1826	rVB2	242911	223251	3.32%	0.205%
57	12.845	1826	1829	1831	rBV3	114860	124759	1.86%	0.115%
58	12.922	1836	1842	1847	rBV	3937209	4204129	62.54%	3.868%
59	12.975	1847	1851	1854	rVB2	218709	320764	4.77%	0.295%
60	13.022	1857	1859	1862	rBV2	137353	187993	2.80%	0.173%
61	13.063	1862	1866	1869	rBV	6236666	5529708	82.26%	5.087%
62	13.133	1875	1878	1886	rVB3	463481	667773	9.93%	0.614%
63	13.192	1886	1888	1890	rBV2	101621	98392	1.46%	0.091%
64	13.222	1890	1893	1895	rVV3	352859	424720	6.32%	0.391%
65	13.245	1895	1897	1900	rVB	717071	619443	9.22%	0.570%
66	13.316	1903	1909	1911	rBV3	458679	461729	6.87%	0.425%
67	13.351	1911	1915	1917	rBV	745455	638127	9.49%	0.587%
68	13.374	1917	1919	1922	rVB	284660	256298	3.81%	0.236%
69	13.445	1928	1931	1933	rBV	540649	448745	6.68%	0.413%
70	13.474	1933	1936	1939	rVB	598808	492043	7.32%	0.453%
71	13.639	1962	1964	1968	rBV4	132414	159812	2.38%	0.147%

LSC Area Percent Report

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Sample : K5723-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-E

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-BF110619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.751	1980	1983	1988	rVB	383969	409271	6.09%	0.377%
73	13.869	1998	2003	2006	rBV2	357189	569866	8.48%	0.524%
74	13.898	2006	2008	2010	rVV	372360	309698	4.61%	0.285%
75	13.922	2010	2012	2015	rVV2	142978	176884	2.63%	0.163%
76	13.957	2015	2018	2023	rVB2	901757	904525	13.46%	0.832%
77	14.121	2039	2046	2048	rBV3	2598429	4116366	61.24%	3.787%
78	14.145	2048	2050	2056	rVB	1750061	1456925	21.67%	1.340%
79	14.204	2058	2060	2062	rBV	130230	114026	1.70%	0.105%
80	14.227	2062	2064	2066	rBV	176949	147440	2.19%	0.136%
81	14.280	2071	2073	2079	rVB4	255900	376508	5.60%	0.346%
82	14.374	2087	2089	2092	rBV2	120284	102219	1.52%	0.094%
83	14.469	2103	2105	2107	rBV	190779	175746	2.61%	0.162%
84	14.510	2107	2112	2115	rVV	565074	724574	10.78%	0.667%
85	14.539	2115	2117	2120	rVB	393394	345485	5.14%	0.318%
86	14.598	2121	2127	2130	rBV4	323599	556138	8.27%	0.512%
87	14.633	2130	2133	2135	rVV	272205	271518	4.04%	0.250%
88	14.657	2135	2137	2141	rVB	268320	236035	3.51%	0.217%
89	14.910	2178	2180	2183	rVB2	213110	200595	2.98%	0.185%
90	14.992	2191	2194	2197	rBV2	230189	271481	4.04%	0.250%
91	15.180	2222	2226	2230	rBV2	913096	1496893	22.27%	1.377%
92	15.268	2238	2241	2243	rBV2	164508	192123	2.86%	0.177%
93	15.292	2243	2245	2251	rVB	209674	218610	3.25%	0.201%
94	15.498	2276	2280	2286	rVB	728959	827726	12.31%	0.761%
95	15.563	2287	2291	2296	rVB	915784	1077329	16.03%	0.991%
96	15.633	2298	2303	2306	rBV	1739119	2289021	34.05%	2.106%
97	15.668	2306	2309	2315	rVB3	292596	465808	6.93%	0.429%
98	16.133	2384	2388	2392	rBV	206492	327930	4.88%	0.302%
99	17.157	2557	2562	2569	rVB2	318427	652165	9.70%	0.600%
100	17.615	2635	2640	2652	rVB2	269591	561256	8.35%	0.516%

Sum of corrected areas: 108697854

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117716.D
Acq On : 7 Nov 2019 20:27
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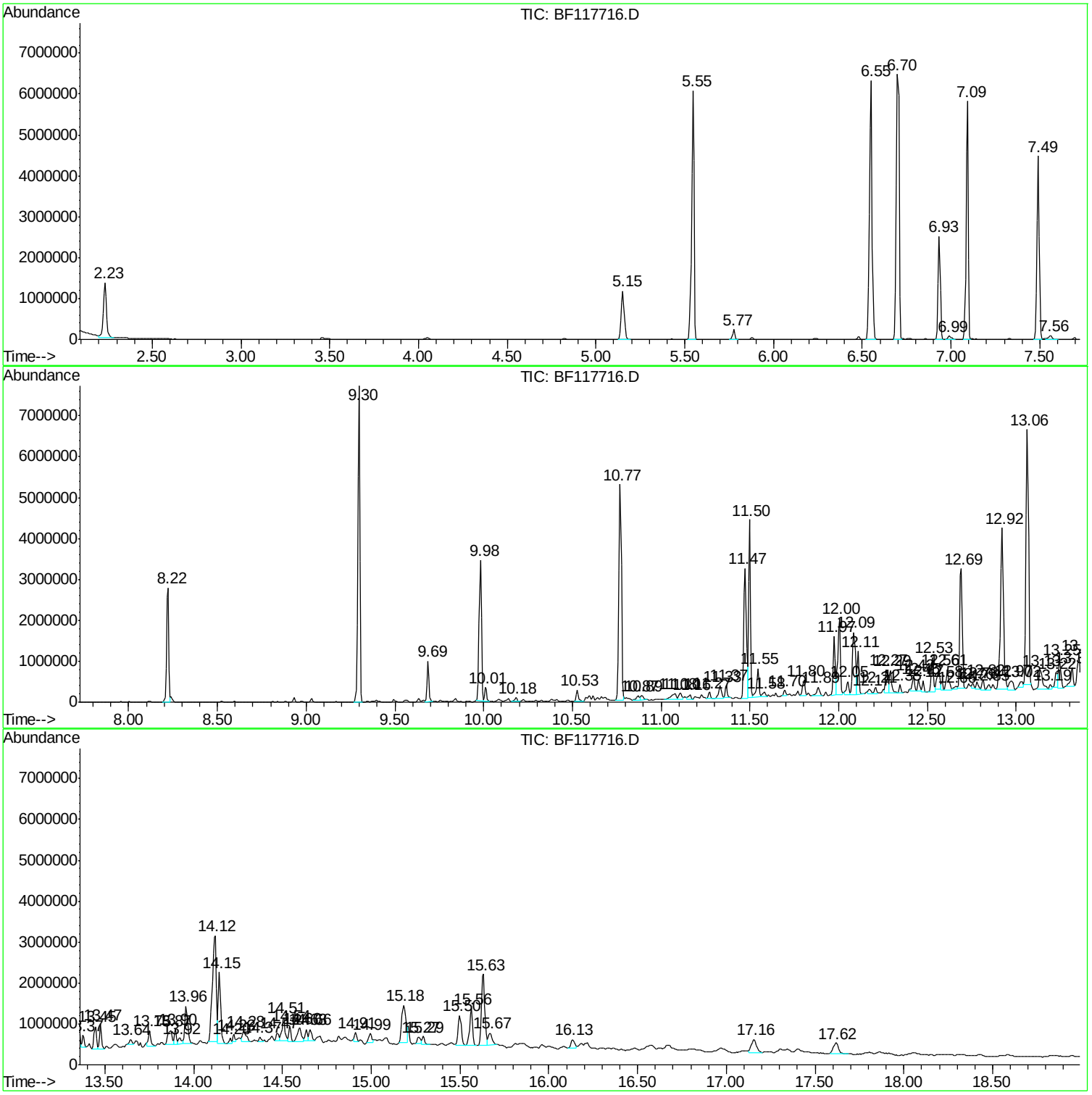
Sample : K5723-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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\BF110719\
Data File : BF117716.D
Acq On : 7 Nov 2019 20:27
Operator : JU
Sample : K5723-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

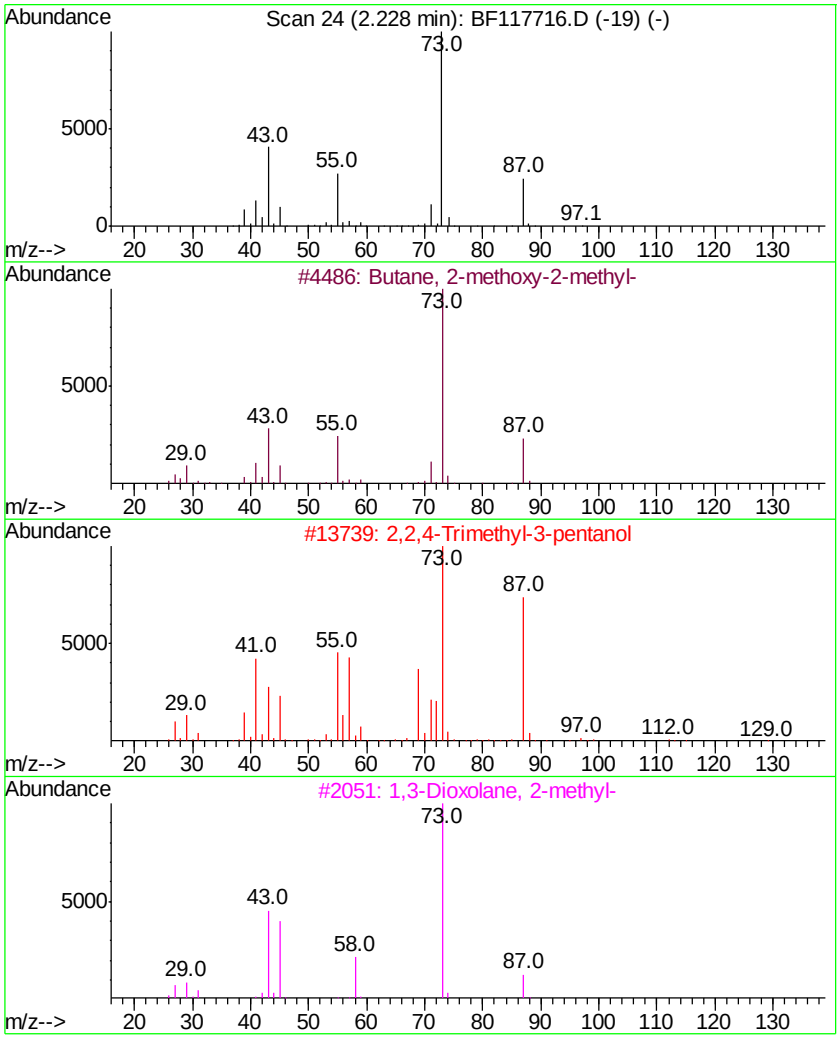
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

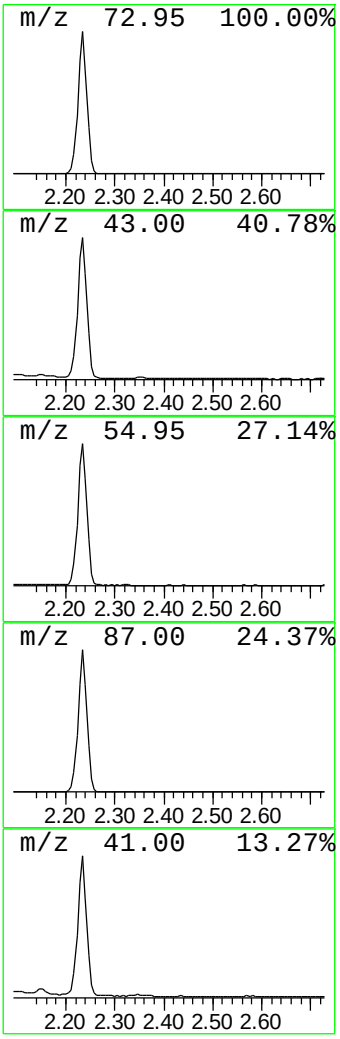
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	18.39 ng	1754030	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
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Instrument : BNA_F
ClientSampleId : 4-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

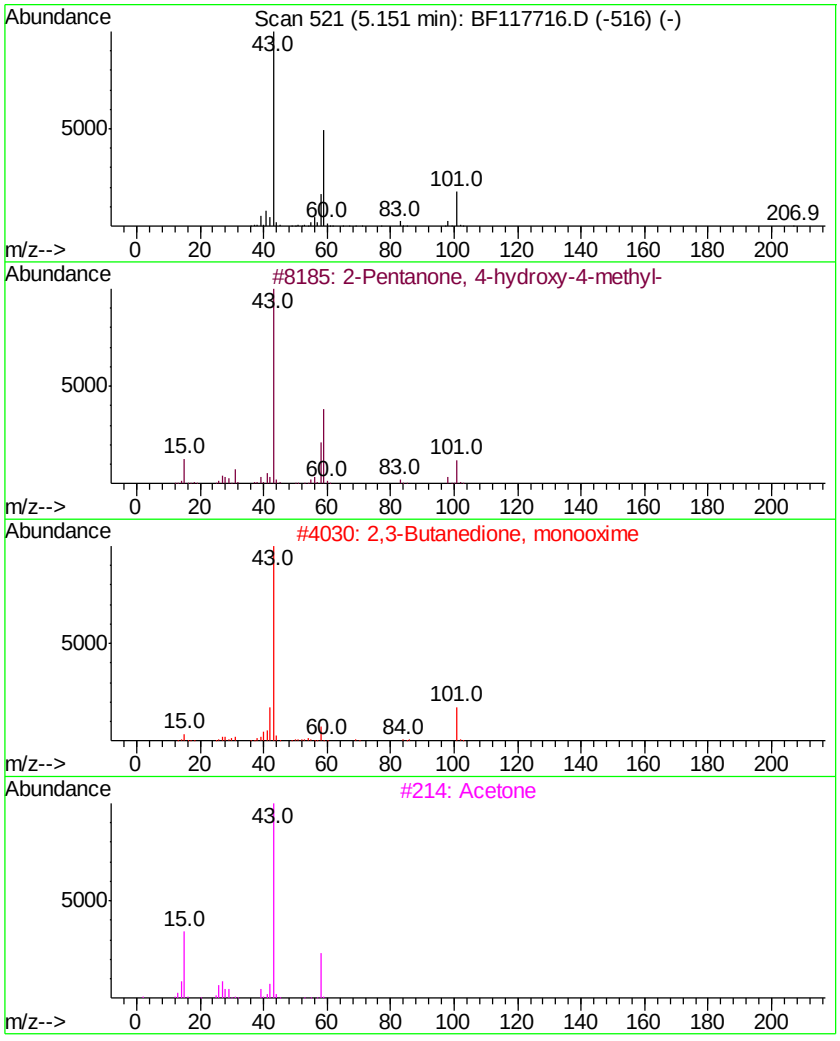
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

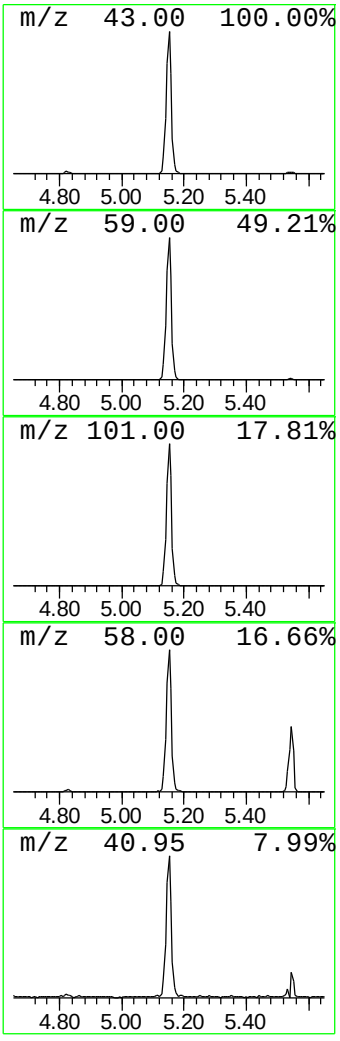
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	14.57 ng	1389530	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	Acetone	58	C3H6O	000067-64-1	12
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
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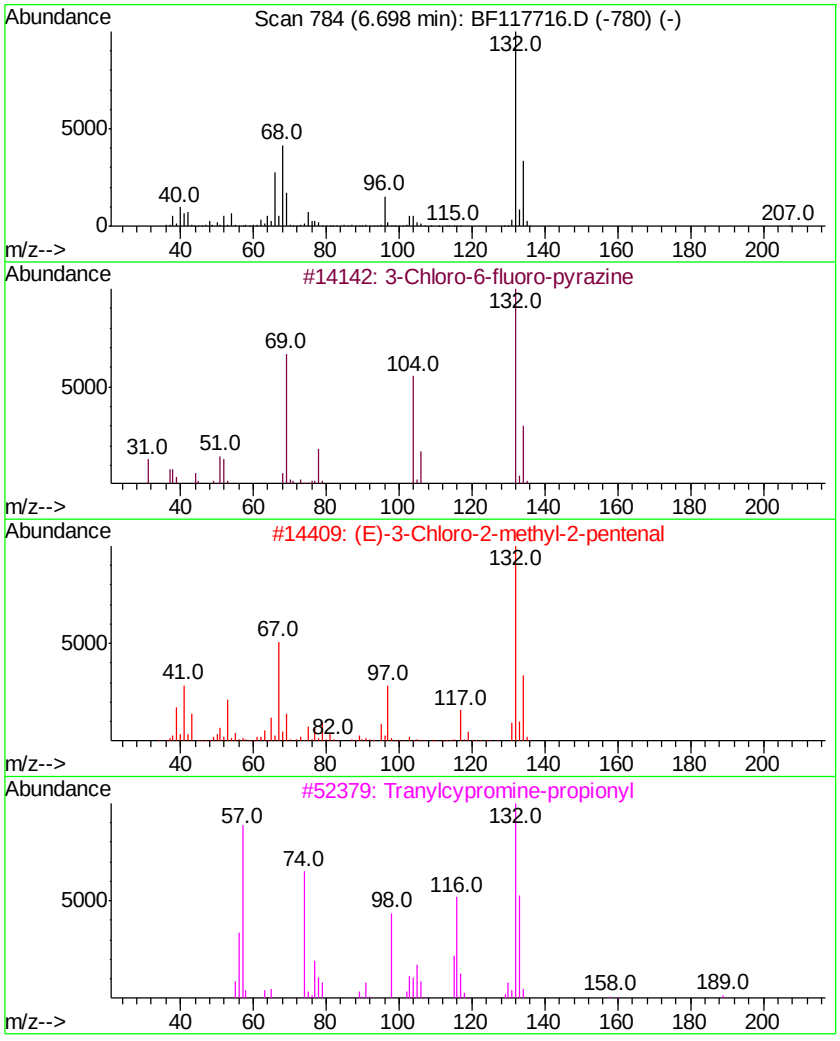
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

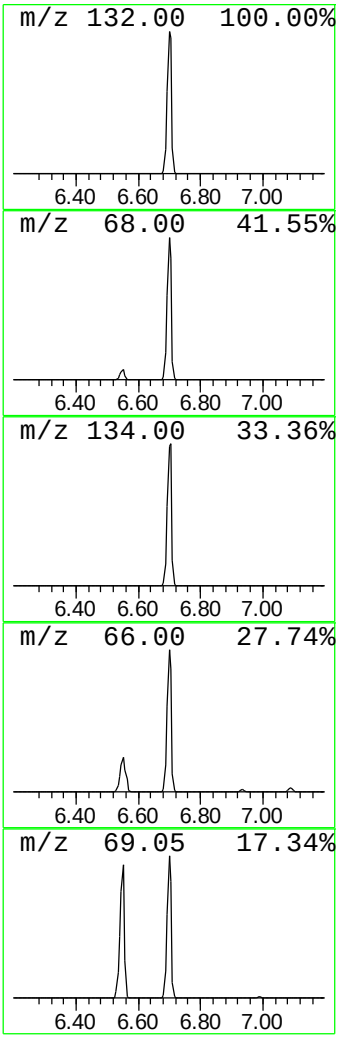
****

Peak Number 3 unknown6.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	68.63 ng	6545380	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117716.D
Acq On : 7 Nov 2019 20:27
Operator : JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

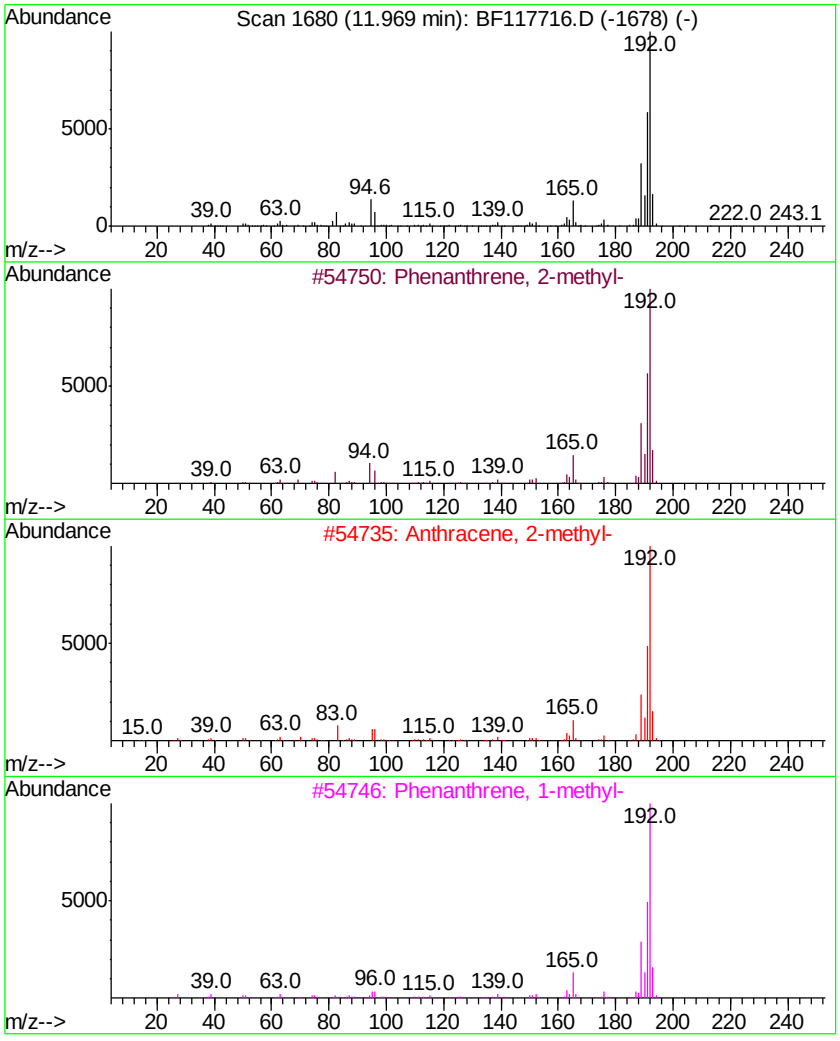
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

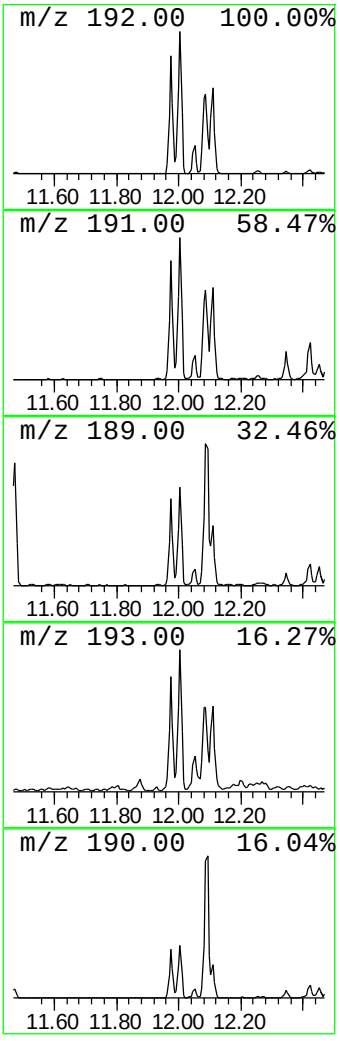
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	8.31 ng	1268640	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117716.D
Acq On : 7 Nov 2019 20:27
Operator : JU
Sample : K5723-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

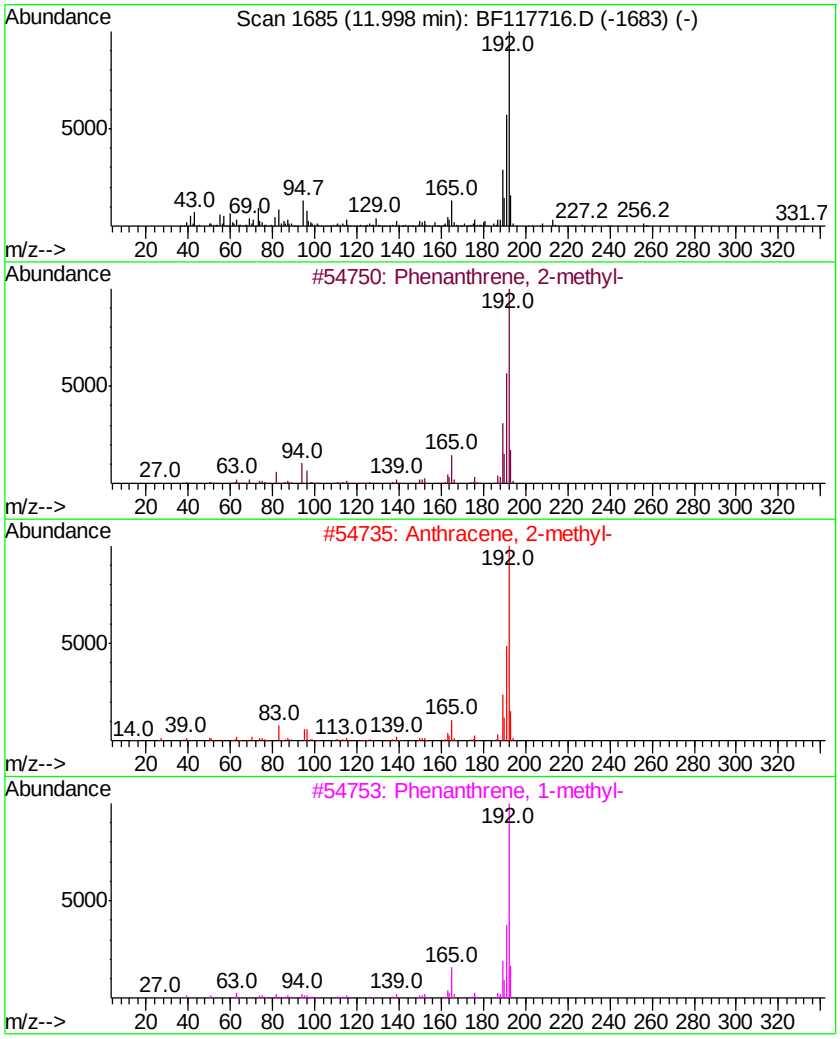
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

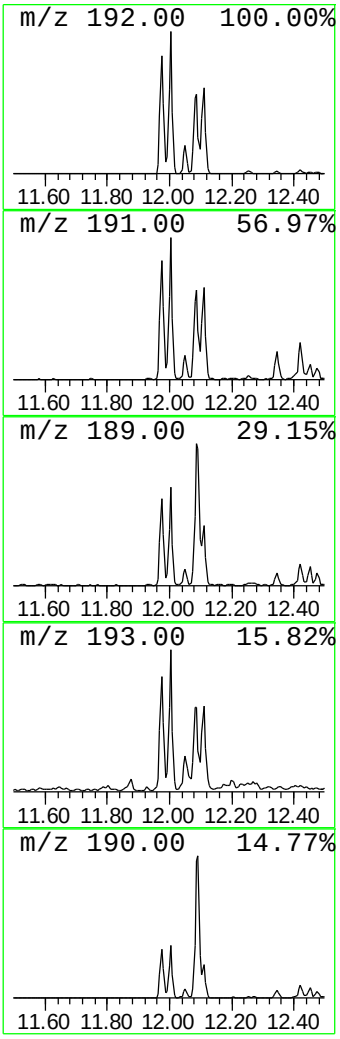
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	12.11 ng	1848890	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Sample : K5723-16
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ClientSampleId : 4-E

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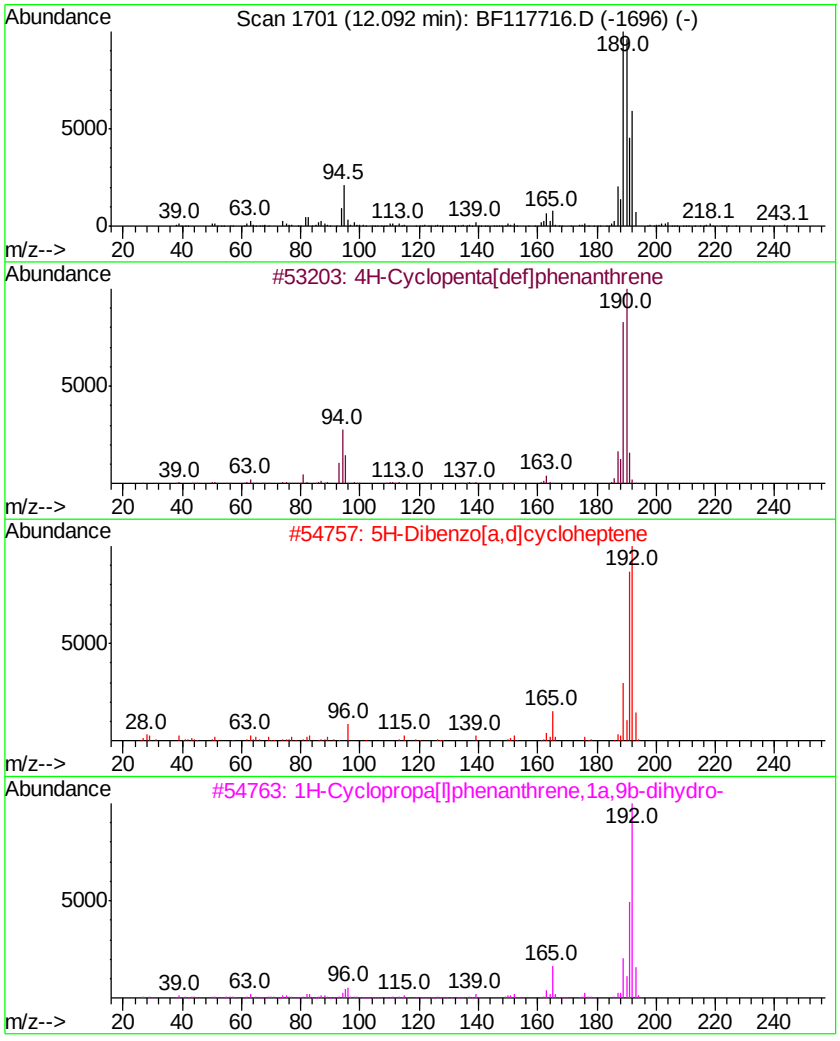
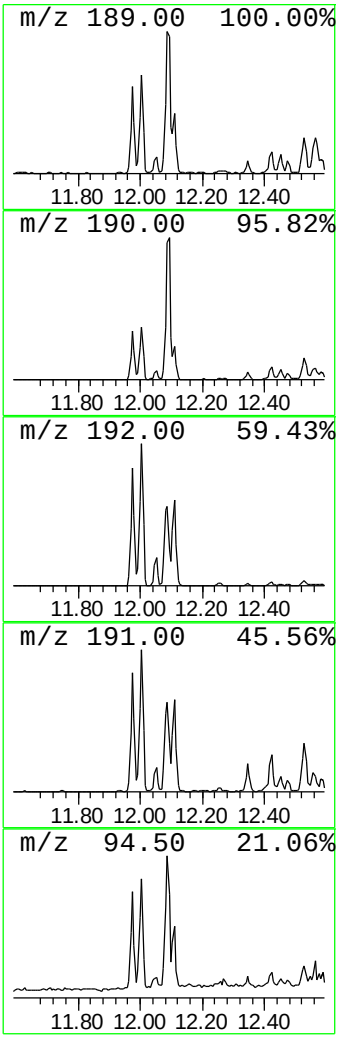
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	10.53 ng	1607870	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	50
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	50
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	50
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46





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Instrument : BNA_F
ClientSampleId : 4-E

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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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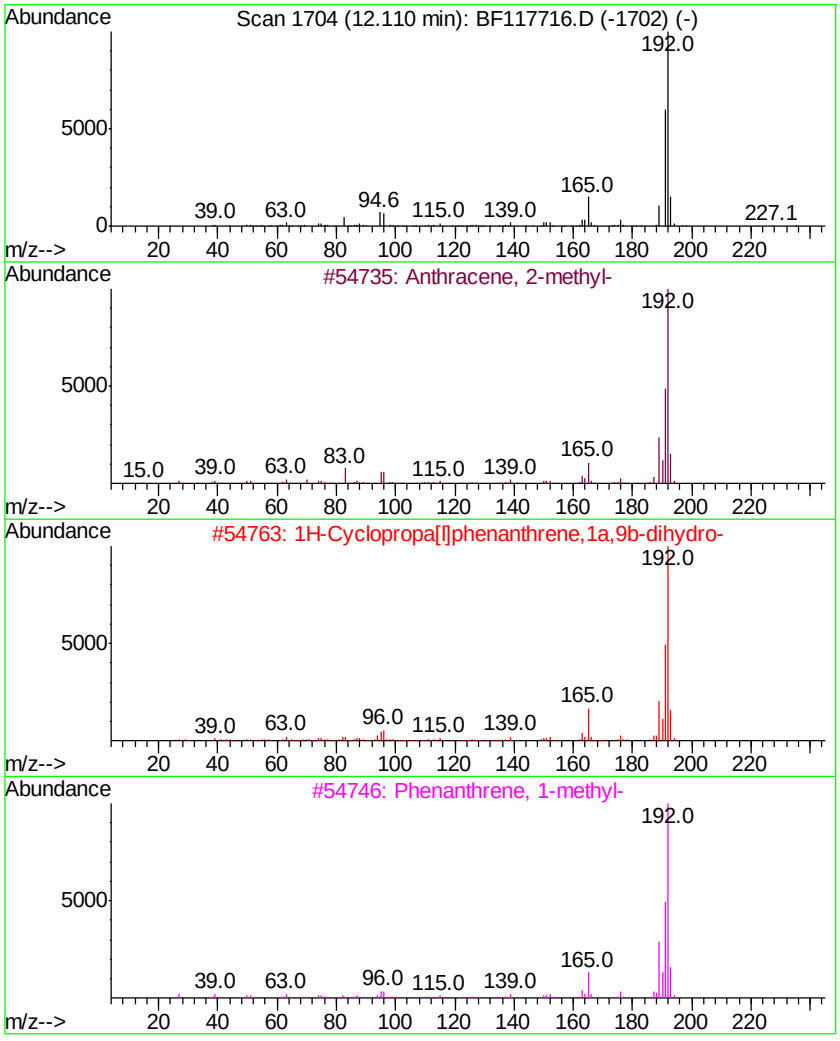
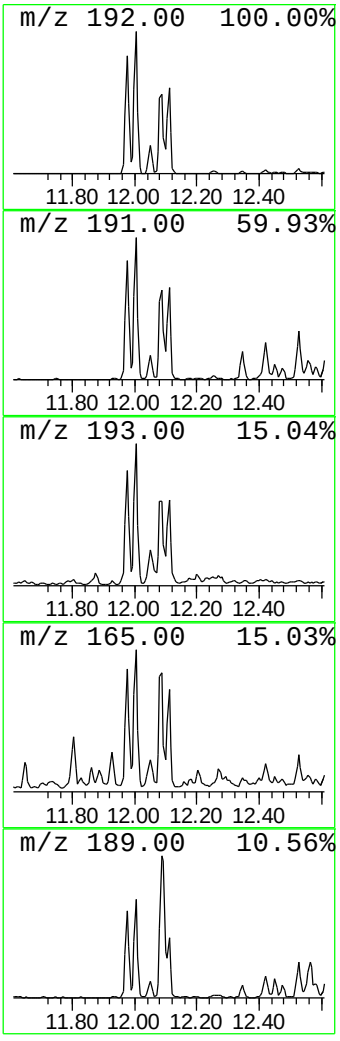
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	5.37 ng	819715	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





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Instrument : BNA_F
ClientSampleId : 4-E

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

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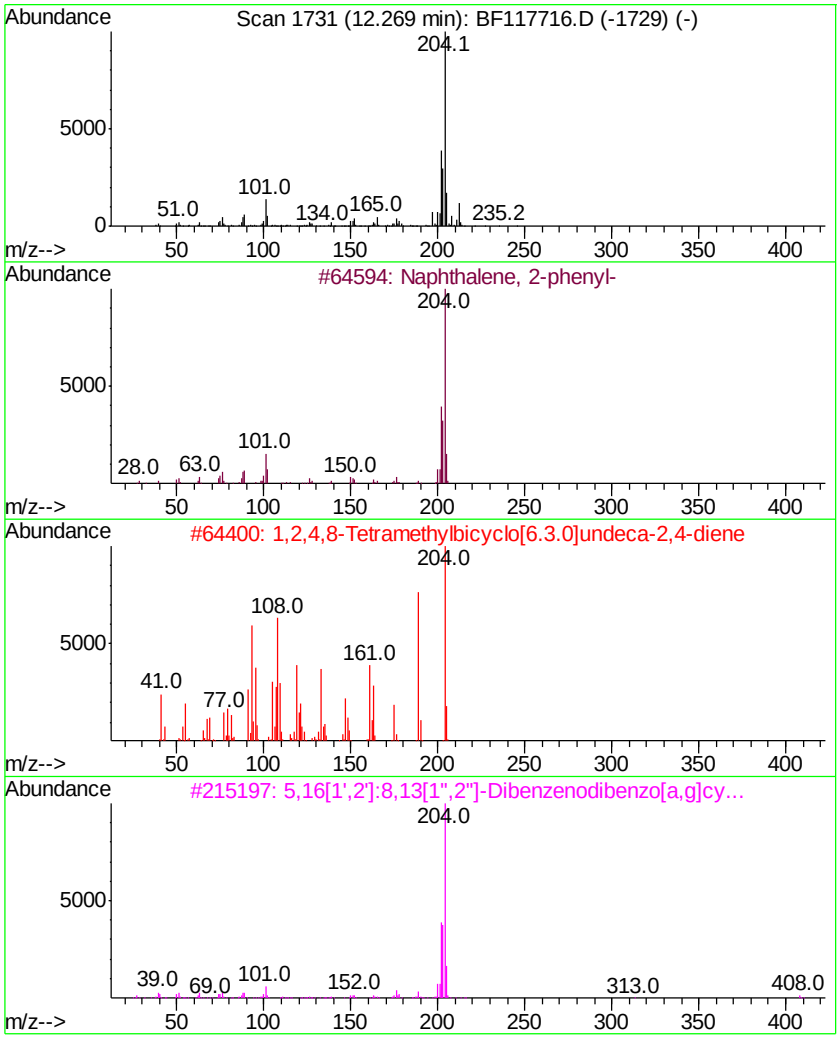
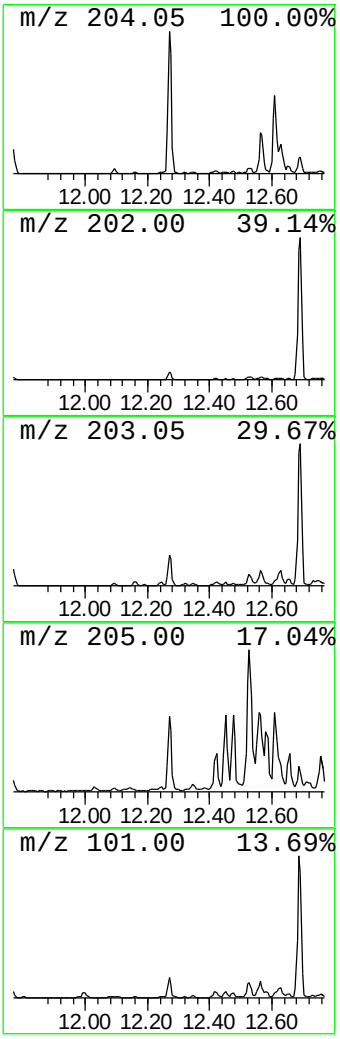
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	3.37 ng	515221	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	64
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55





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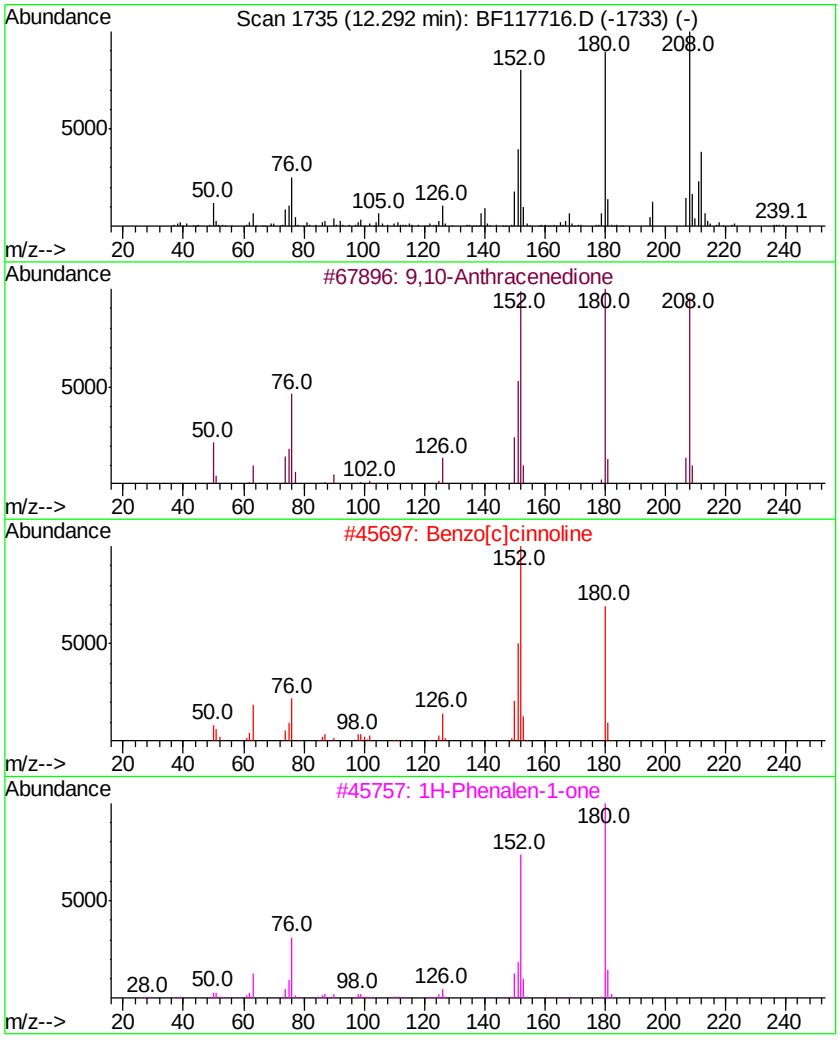
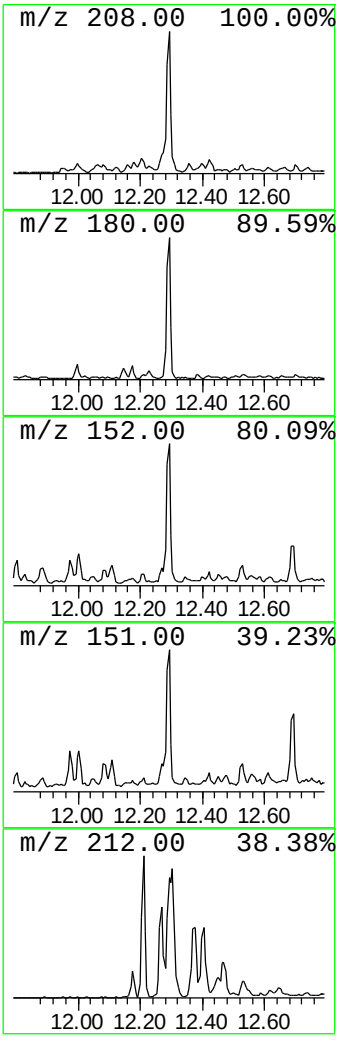
Peak Number 10 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	3.47 ng	530106	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	38
5	1-Phenyl-phospholane 1-oxide	180	C10H13OP	004963-91-1	35





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

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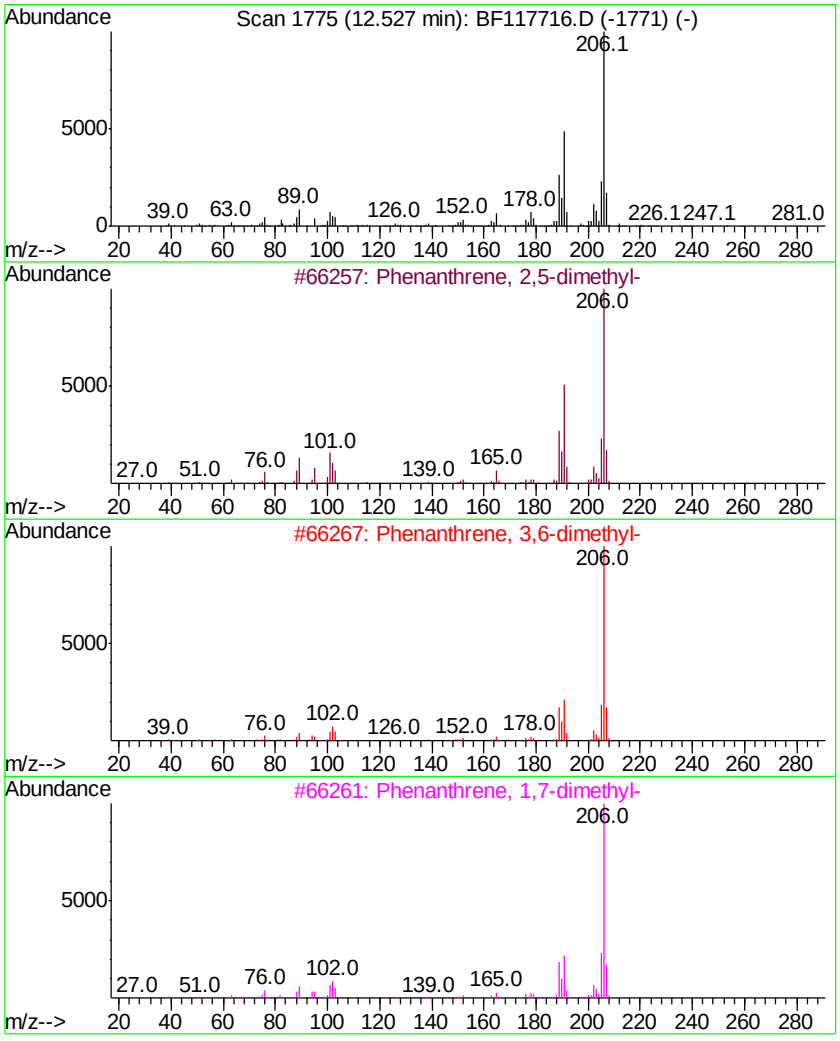
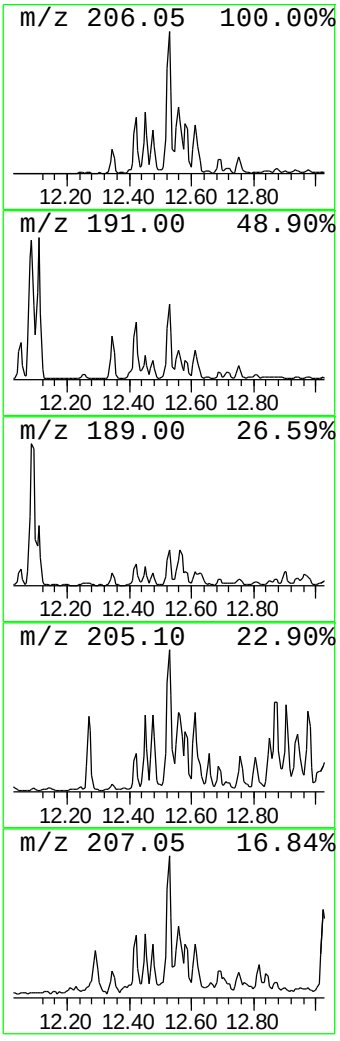
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	5.60 ng	854818	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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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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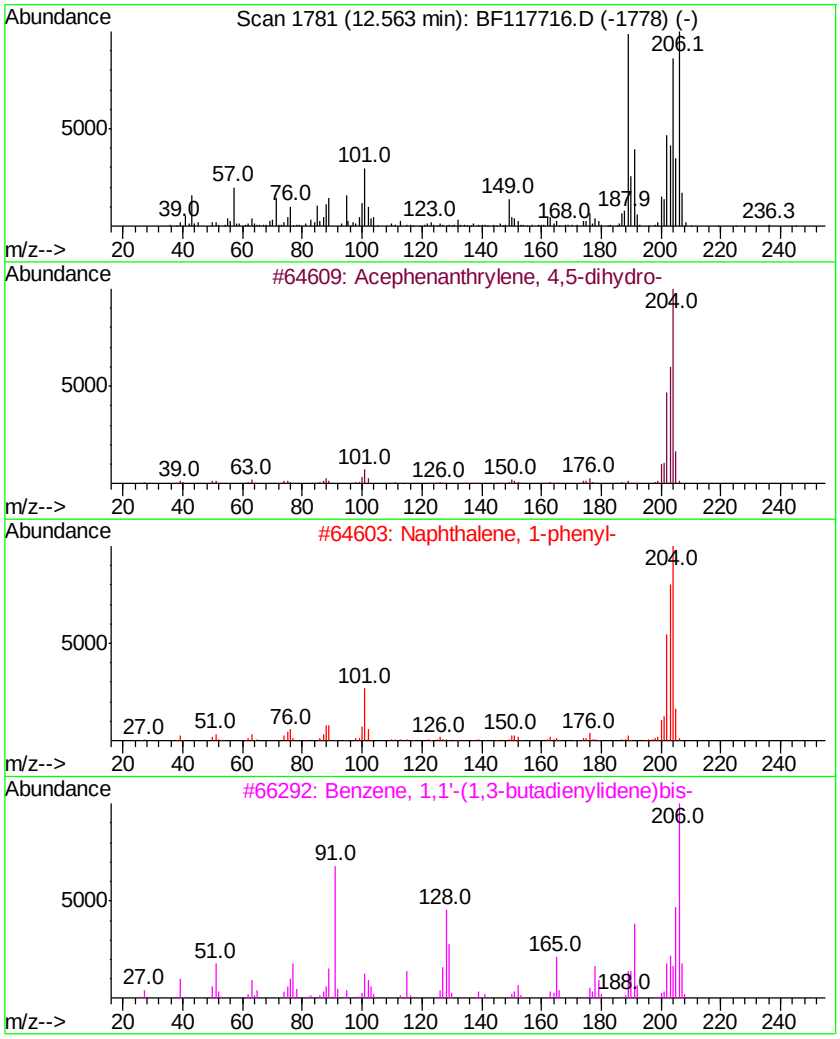
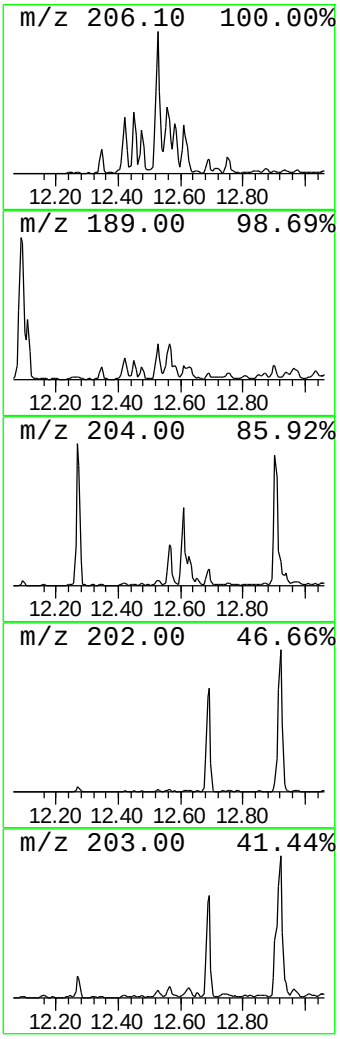
Peak Number 12 Acephenanthrylene, 4,5-dihy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	3.38 ng	516899	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	76
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	44
3	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	42
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	38





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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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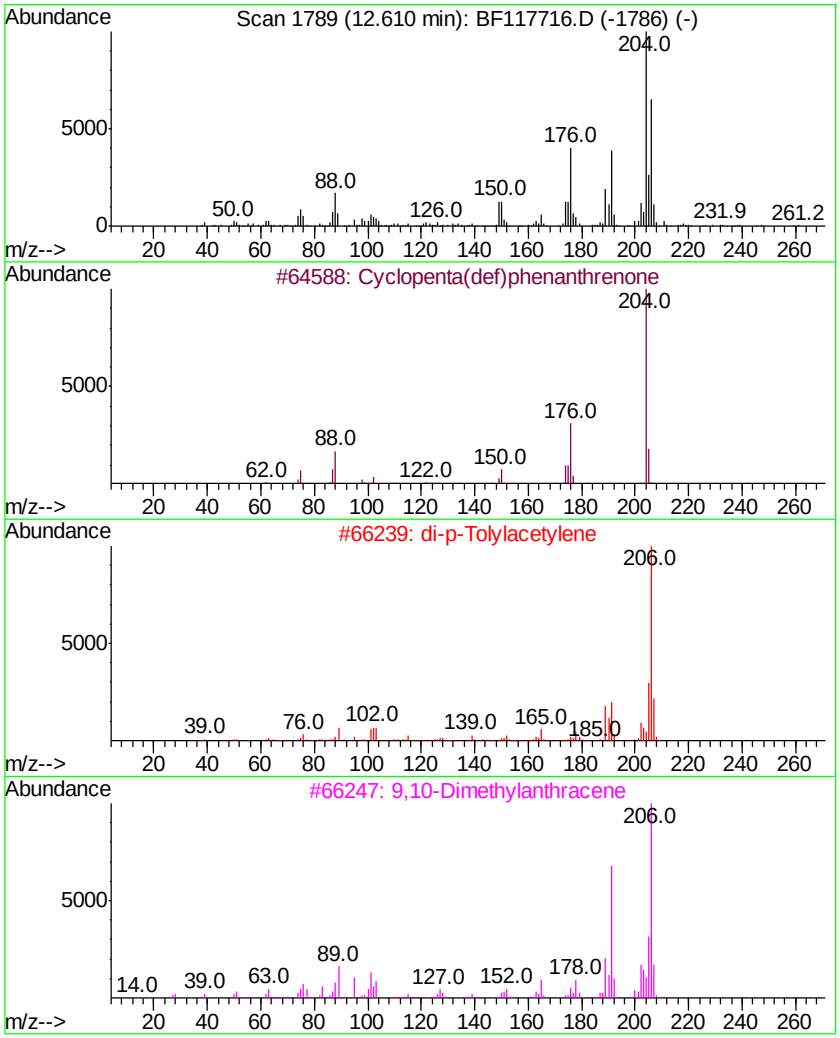
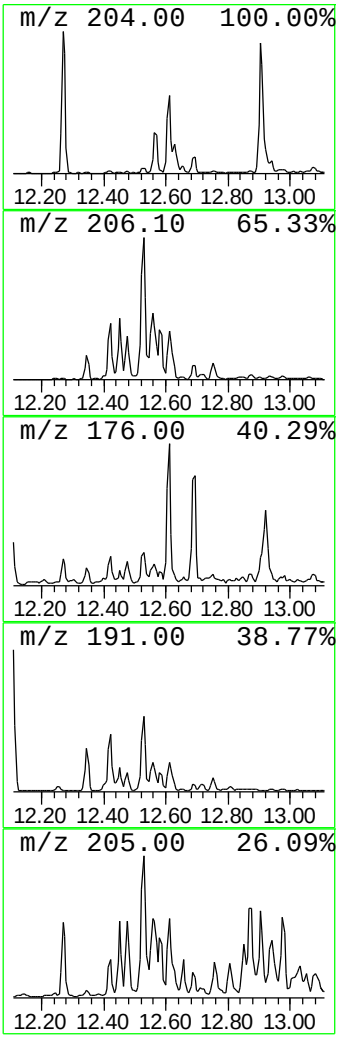
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	3.41 ng	520812	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	70
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	52
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	46
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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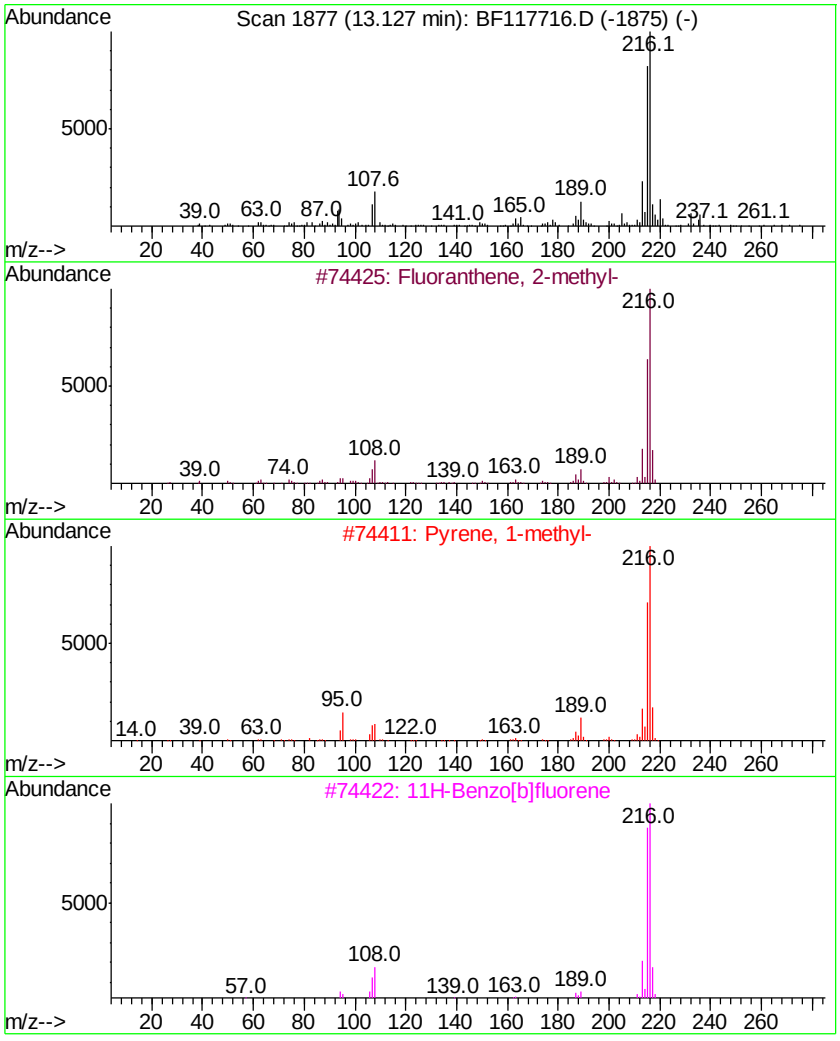
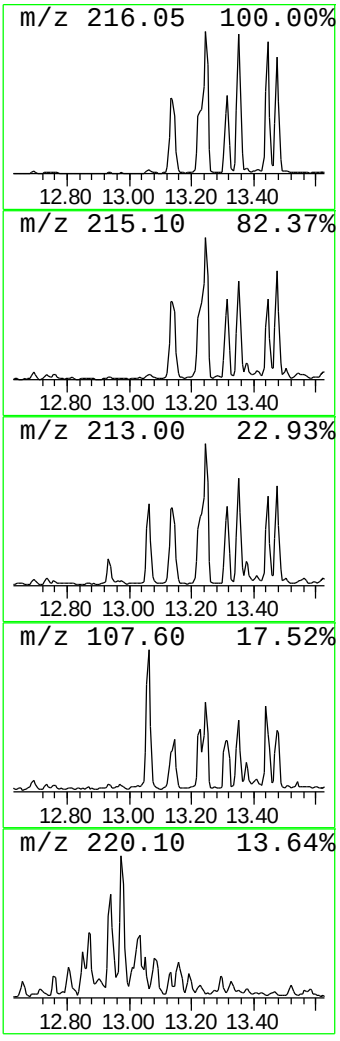
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	3.24 ng	667773	Chrysene-d12	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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TIC Integration Parameters: LSCINT.P

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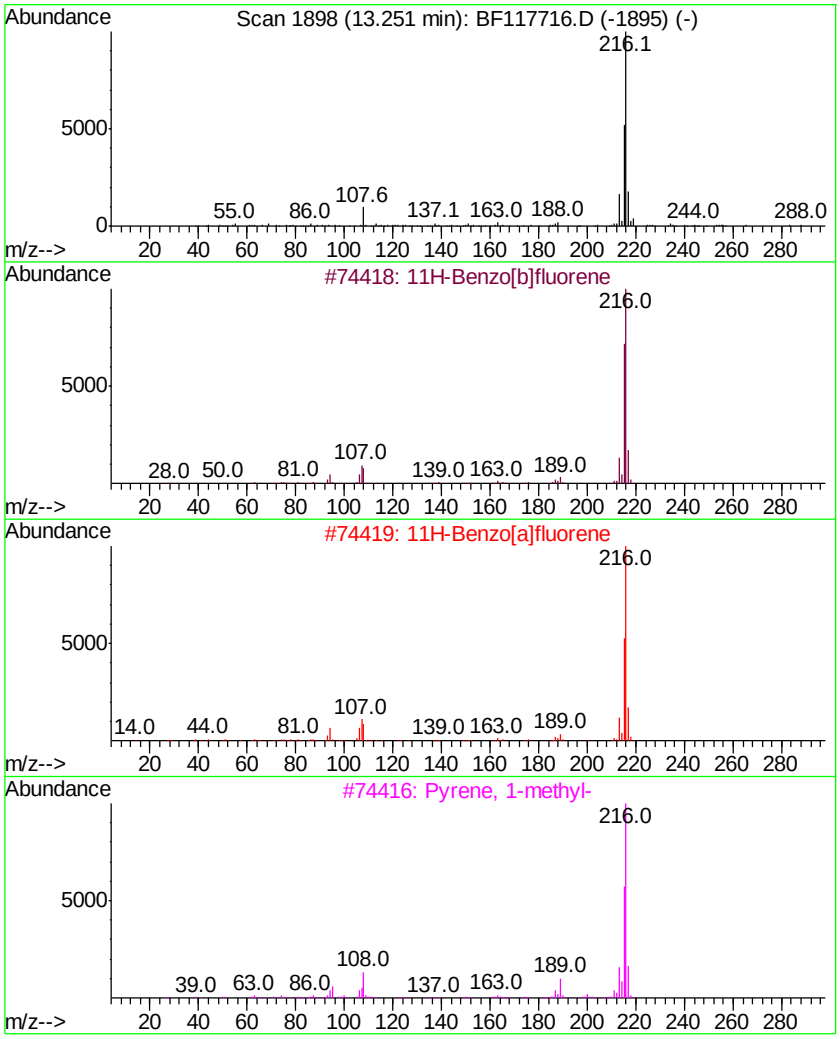
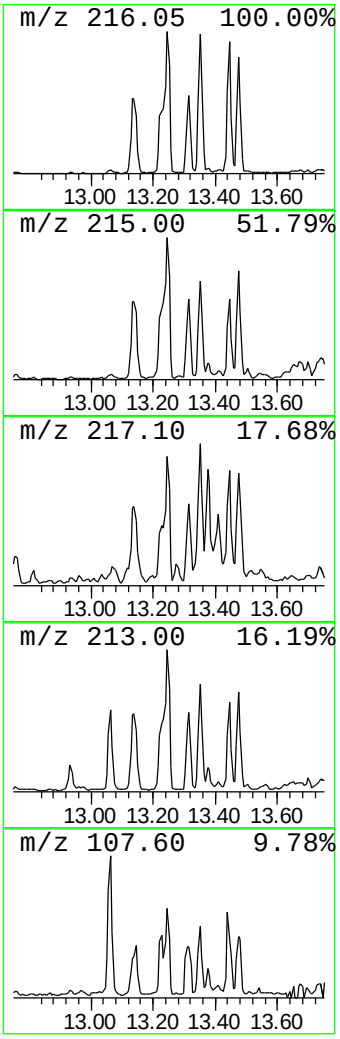
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	3.01 ng	619443	Chrysene-d12	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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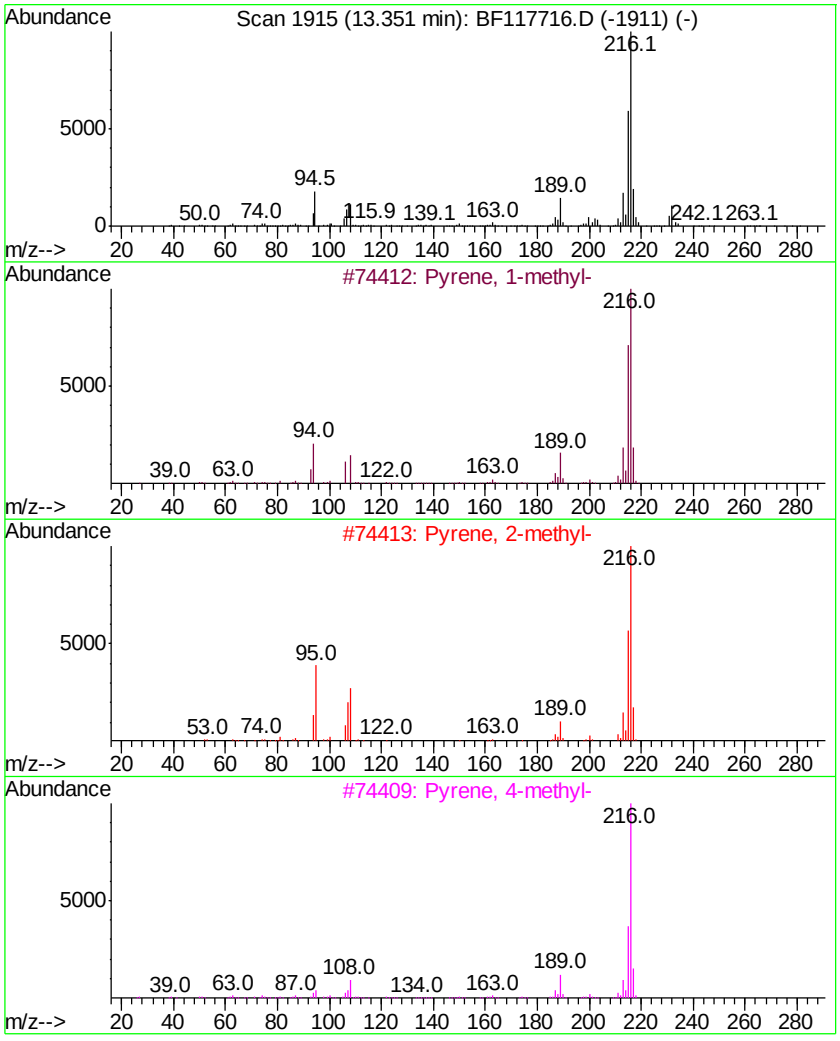
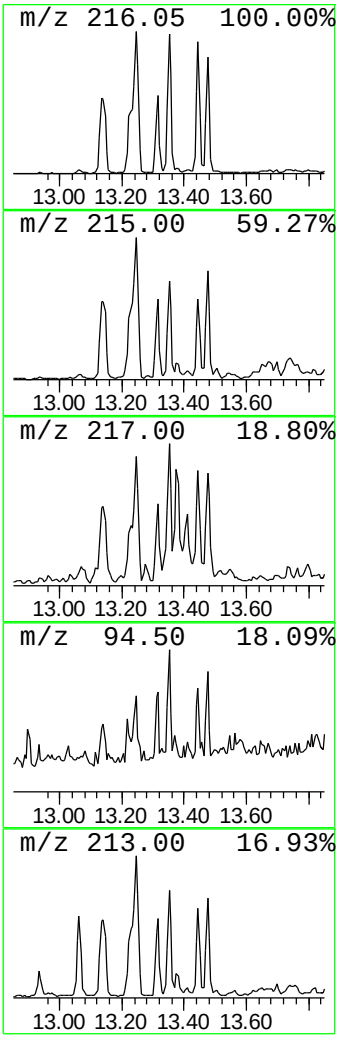
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	3.10 ng	638127	Chrysene-d12	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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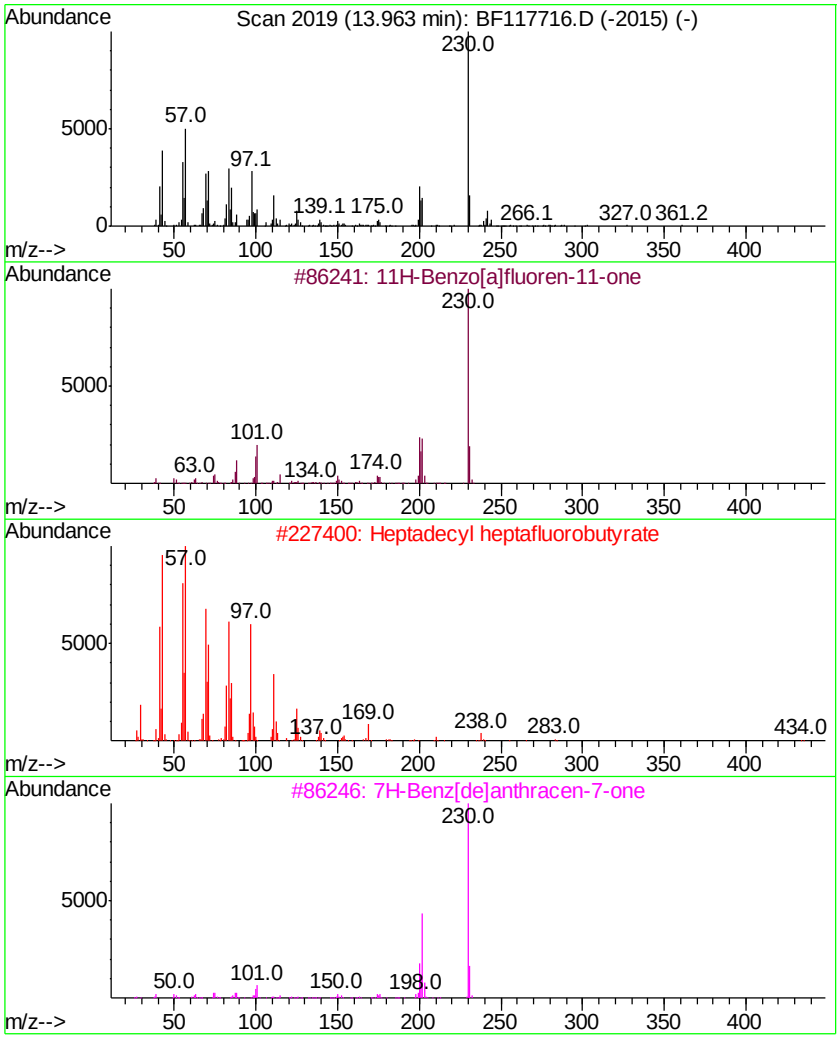
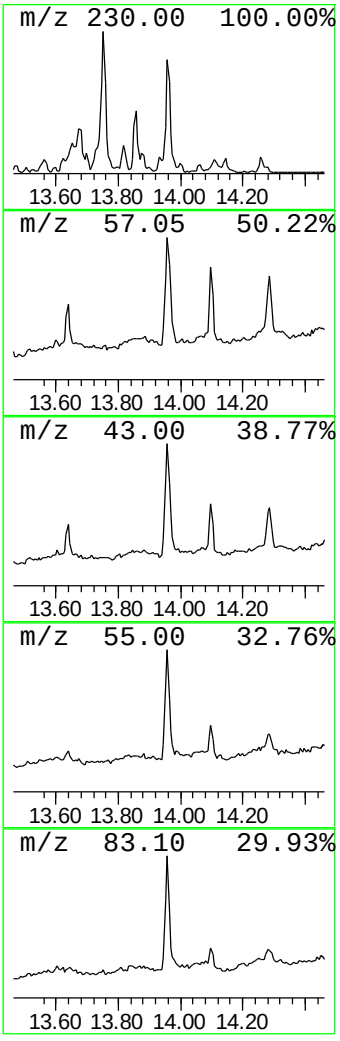
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	4.39 ng	904525	Chrysene-d12	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	55
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	46
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	42
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	42





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Instrument : BNA_F
ClientSampleId : 4-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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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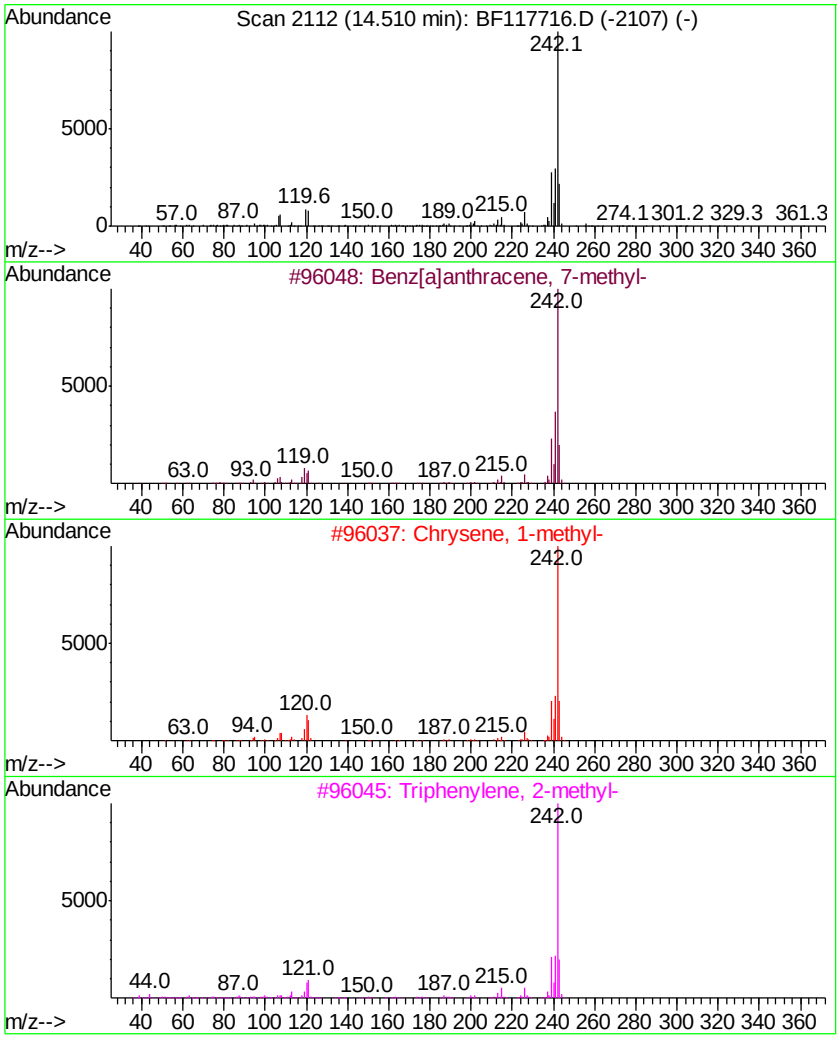
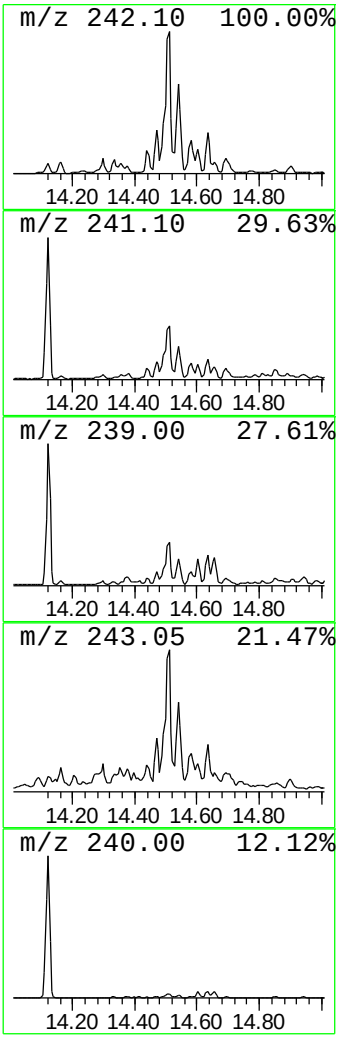
Peak Number 18 Benz[a]anthracene, 7-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	3.52 ng	724574	Chrysene-d12	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	91
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117716.D
Acq On : 7 Nov 2019 20:27
Operator : JU
Sample : K5723-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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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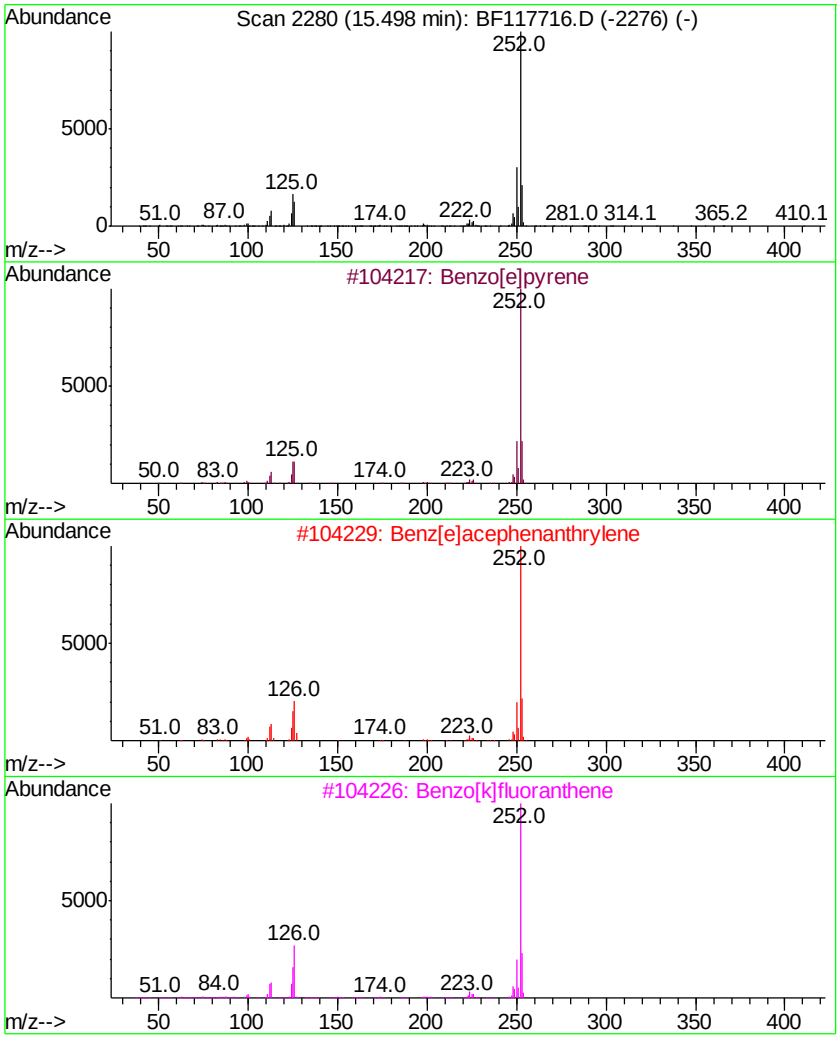
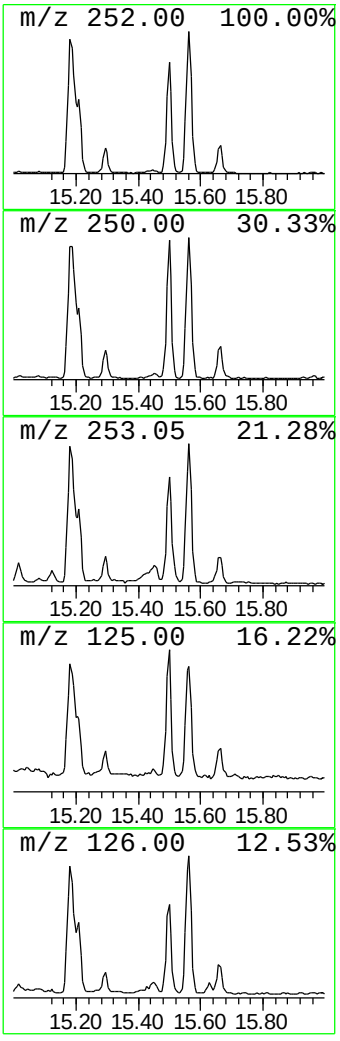
Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	7.23 ng	827726	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110719\
Data File : BF117716.D
Acq On : 7 Nov 2019 20:27
Operator : JU
Sample : K5723-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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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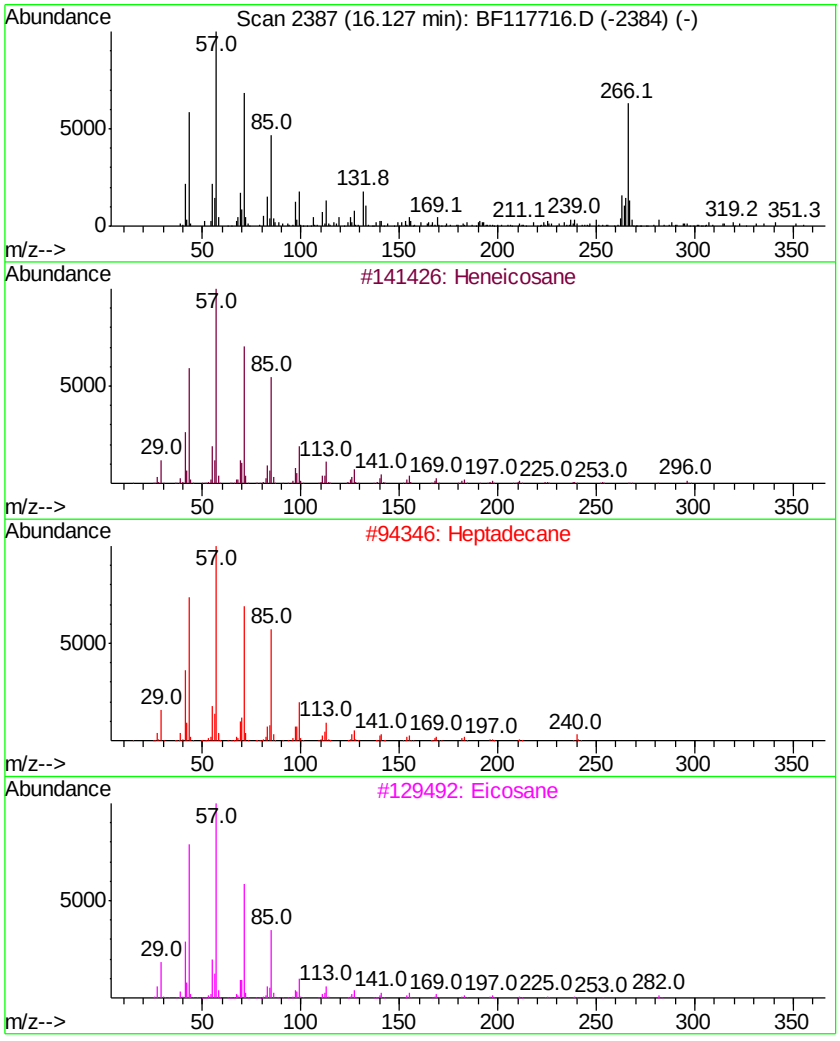
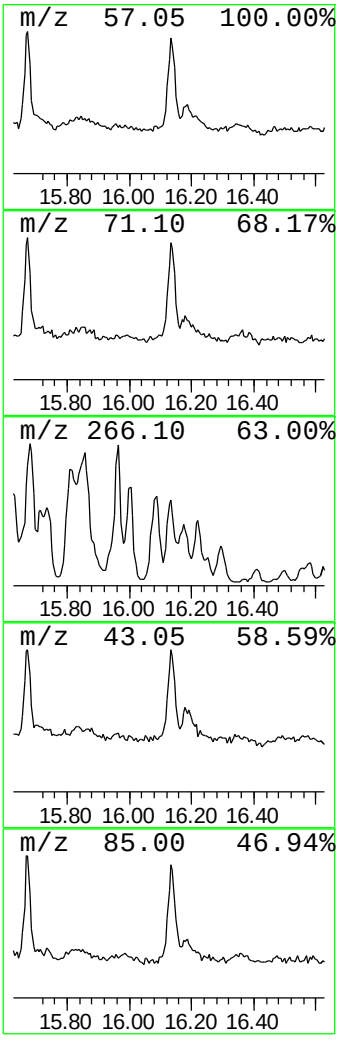
Peak Number 20 Heneicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	2.87 ng	327930	Perylene-d12	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Heptadecane	240	C17H36	000629-78-7	86
3	Eicosane	282	C20H42	000112-95-8	52
4	Hentriacontane	437	C31H64	000630-04-6	50
5	Nonadecane	268	C19H40	000629-92-5	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110719\
Data File : BF117716.D
Acq On : 7 Nov 2019 20:27
Operator : JU
Sample : K5723-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 4-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.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
Butane, 2-methoxy...	2.23	18.4	ng	1754030	1	6.93	1907410	20.0
2-Pentanone, 4-hy...	5.15	14.6	ng	1389530	1	6.93	1907410	20.0
unknown6.70	6.70	68.6	ng	6545380	1	6.93	1907410	20.0
Phenanthrene, 2-m...	11.97	8.3	ng	1268640	4	11.47	3054490	20.0
Anthracene, 2-met...	12.00	12.1	ng	1848890	4	11.47	3054490	20.0
4H-Cyclopenta[def...	12.09	10.5	ng	1607870	4	11.47	3054490	20.0
1H-Cyclopropa[l]p...	12.11	5.4	ng	819715	4	11.47	3054490	20.0
Naphthalene, 2-ph...	12.27	3.4	ng	515221	4	11.47	3054490	20.0
9,10-Anthracenedione	12.29	3.5	ng	530106	4	11.47	3054490	20.0
Phenanthrene, 2,5...	12.53	5.6	ng	854818	4	11.47	3054490	20.0
Acephenanthrylene...	12.56	3.4	ng	516899	4	11.47	3054490	20.0
Cyclopenta(def)ph...	12.61	3.4	ng	520812	4	11.47	3054490	20.0
Fluoranthene, 2-m...	13.13	3.2	ng	667773	5	14.12	4116370	20.0
11H-Benzo[b]fluorene	13.25	3.0	ng	619443	5	14.12	4116370	20.0
Pyrene, 1-methyl-	13.35	3.1	ng	638127	5	14.12	4116370	20.0
11H-Benzo[a]fluor...	13.96	4.4	ng	904525	5	14.12	4116370	20.0
Benz[a]anthracene...	14.51	3.5	ng	724574	5	14.12	4116370	20.0
Benzo[e]pyrene	15.50	7.2	ng	827726	6	15.63	2289020	20.0
Heneicosane	16.13	2.9	ng	327930	6	15.63	2289020	20.0