LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110819\
Data File : BF117741.D
Acq On : 8 Nov 2019 19:50
Operator : JU
Sample : K5722-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-A

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-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	2.240	20	26	34	rVB	1156489	1575717	22.19%	1.284%
2	5.151	515	521	529	rVB	1220974	1493412	21.03%	1.217%
3	5.545	582	588	591	rBV	6060319	5923190	83.41%	4.827%
4	6.545	752	758	761	rBV	5793710	6512577	91.71%	5.307%
5	6.692	779	783	787	rBV	6093047	6440479	90.69%	5.248%
6	6.928	819	823	826	rBV	2633049	2027874	28.56%	1.652%
7	7.087	846	850	853	rVB	5575355	4806969	67.69%	3.917%
8	7.486	913	918	921	rBV	4236505	4081359	57.47%	3.326%
9	8.216	1037	1042	1044	rBV	3139142	2729371	38.43%	2.224%
10	9.292	1220	1225	1228	rBV	7672889	6915484	97.38%	5.635%
11	9.680	1288	1291	1296	rVB	717426	626688	8.82%	0.511%
12	9.833	1314	1317	1320	rBV	383090	284775	4.01%	0.232%
13	9.975	1335	1341	1344	rBV	3780603	3313605	46.66%	2.700%
14	10.010	1344	1347	1350	rVB	130185	117832	1.66%	0.096%
15	10.175	1371	1375	1378	rVB2	94872	104452	1.47%	0.085%
16	10.522	1431	1434	1440	rVB2	145104	146248	2.06%	0.119%
17	10.763	1470	1475	1479	rBV	5198504	5233963	73.70%	4.265%
18	10.804	1479	1482	1487	rVB2	66455	106755	1.50%	0.087%
19	10.892	1487	1497	1500	rBV5	166347	287340	4.05%	0.234%
20	11.074	1523	1528	1530	rBV3	91653	106700	1.50%	0.087%
21	11.204	1545	1550	1551	rBV2	116083	133292	1.88%	0.109%
22	11.269	1558	1561	1565	rVB2	199880	188292	2.65%	0.153%
23	11.327	1565	1571	1575	rBV5	144534	283001	3.99%	0.231%
24	11.363	1575	1577	1582	rVB	216194	186808	2.63%	0.152%
25	11.469	1591	1595	1597	rBV	4031172	3580617	50.42%	2.918%
26	11.492	1597	1599	1602	rVV	3031035	2287074	32.21%	1.864%
27	11.539	1602	1607	1610	rVV	570527	579156	8.16%	0.472%
28	11.569	1610	1612	1616	rVB2	132145	135639	1.91%	0.111%
29	11.692	1628	1633	1635	rBV2	403117	401457	5.65%	0.327%
30	11.763	1643	1645	1649	rVV2	175316	126380	1.78%	0.103%
31	11.969	1674	1680	1682	rBV	736912	738673	10.40%	0.602%
32	11.992	1682	1684	1688	rVV2	1607924	1582038	22.28%	1.289%
33	12.045	1688	1693	1695	rVV2	207230	289865	4.08%	0.236%
34	12.080	1695	1699	1701	rVV2	921616	969807	13.66%	0.790%

LSC Area Percent Report

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Acq On : 8 Nov 2019 19:50
Operator : JU
Sample : K5722-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-A

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	12.104	1701	1703	1707	rVV	500512	405374	5.71%	0.330%
36	12.169	1707	1714	1717	rVV4	160288	259237	3.65%	0.211%
37	12.263	1722	1730	1732	rVV	550447	658539	9.27%	0.537%
38	12.286	1732	1734	1738	rVV	738084	580216	8.17%	0.473%
39	12.416	1753	1756	1759	rVB2	267502	207380	2.92%	0.169%
40	12.445	1759	1761	1763	rBV	186776	134151	1.89%	0.109%
41	12.469	1763	1765	1768	rVB	195671	146722	2.07%	0.120%
42	12.521	1770	1774	1777	rBV	556754	550286	7.75%	0.448%
43	12.557	1777	1780	1782	rVV2	317933	346550	4.88%	0.282%
44	12.580	1782	1784	1785	rVV	162596	124749	1.76%	0.102%
45	12.604	1785	1788	1793	rVB	456908	451128	6.35%	0.368%
46	12.686	1798	1802	1805	rVV	6081451	5831322	82.12%	4.752%
47	12.727	1806	1809	1811	rVV	138703	140440	1.98%	0.114%
48	12.774	1815	1817	1820	rBV	482797	402593	5.67%	0.328%
49	12.810	1820	1823	1825	rVV	227225	206193	2.90%	0.168%
50	12.833	1825	1827	1830	rVB	177266	158249	2.23%	0.129%
51	12.916	1835	1841	1846	rBV2	4981056	5975153	84.14%	4.869%
52	12.963	1846	1849	1854	rVB2	321895	409938	5.77%	0.334%
53	13.033	1857	1861	1862	rBV	345205	385188	5.42%	0.314%
54	13.057	1862	1865	1872	rVB	7101591	7101327	100.00%	5.787%
55	13.133	1873	1878	1881	rBV3	551836	852971	12.01%	0.695%
56	13.216	1889	1892	1894	rVV3	501647	600598	8.46%	0.489%
57	13.239	1894	1896	1899	rVB	624141	557885	7.86%	0.455%
58	13.310	1905	1908	1910	rVB	279159	257394	3.62%	0.210%
59	13.345	1910	1914	1917	rBV2	784856	835326	11.76%	0.681%
60	13.374	1917	1919	1921	rVB	206343	156010	2.20%	0.127%
61	13.404	1921	1924	1927	rBV2	164765	188033	2.65%	0.153%
62	13.439	1927	1930	1932	rBV	390258	285191	4.02%	0.232%
63	13.468	1932	1935	1939	rBV2	380244	343089	4.83%	0.280%
64	13.633	1958	1963	1967	rVV4	162556	336008	4.73%	0.274%
65	13.745	1979	1982	1987	rVB	749004	727399	10.24%	0.593%
66	13.815	1991	1994	1996	rVB2	129117	119677	1.69%	0.098%
67	13.863	1997	2002	2004	rBV2	557447	757754	10.67%	0.617%
68	13.892	2004	2007	2008	rVV	549402	491667	6.92%	0.401%
69	13.910	2008	2010	2014	rVV3	665657	819374	11.54%	0.668%
70	13.951	2014	2017	2024	rVV2	1241016	1461954	20.59%	1.191%
71	14.033	2028	2031	2037	rVB3	125610	173293	2.44%	0.141%

LSC Area Percent Report

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Instrument : BNA_F
ClientSampleId : 3-A

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

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

72	14.115	2037	2045	2047	rBV2	3230019	5159221	72.65%	4.204%
73	14.139	2047	2049	2055	rVB	2458925	2294992	32.32%	1.870%
74	14.274	2070	2072	2074	rBV2	151673	135560	1.91%	0.110%
75	14.327	2078	2081	2086	rBV2	188337	241343	3.40%	0.197%
76	14.368	2086	2088	2090	rBV2	149368	112642	1.59%	0.092%
77	14.463	2102	2104	2106	rBV2	150475	148521	2.09%	0.121%
78	14.498	2106	2110	2113	rVV	542319	643467	9.06%	0.524%
79	14.533	2113	2116	2120	rVV	481526	452136	6.37%	0.368%
80	14.586	2122	2125	2129	rVV2	403202	496712	6.99%	0.405%
81	14.627	2129	2132	2134	rVV	275904	281975	3.97%	0.230%
82	14.651	2134	2136	2139	rVB	189987	160737	2.26%	0.131%
83	14.810	2160	2163	2166	rBV2	119793	121363	1.71%	0.099%
84	14.904	2175	2179	2182	rBV3	359527	394074	5.55%	0.321%
85	14.986	2189	2193	2196	rBV2	437541	497067	7.00%	0.405%
86	15.074	2205	2208	2213	rVB2	170212	201141	2.83%	0.164%
87	15.174	2220	2225	2229	rBV2	1779820	3097797	43.62%	2.524%
88	15.257	2236	2239	2242	rBV	359483	413542	5.82%	0.337%
89	15.286	2242	2244	2250	rVB	346392	338255	4.76%	0.276%
90	15.380	2257	2260	2266	rBV3	101160	194506	2.74%	0.159%
91	15.492	2275	2279	2285	rVB	1102353	1386363	19.52%	1.130%
92	15.557	2285	2290	2294	rBV	1080922	1341632	18.89%	1.093%
93	15.621	2296	2301	2304	rVV	1811159	2353423	33.14%	1.918%
94	15.657	2304	2307	2313	rVB3	569201	859406	12.10%	0.700%
95	16.121	2382	2386	2391	rBV	307765	466964	6.58%	0.381%
96	16.656	2472	2477	2488	rBV3	166951	479246	6.75%	0.391%
97	16.974	2525	2531	2537	rVB3	142030	363341	5.12%	0.296%
98	17.145	2554	2560	2568	rVB2	549010	1152795	16.23%	0.939%
99	17.392	2598	2602	2609	rBV3	119141	228371	3.22%	0.186%
100	17.603	2632	2638	2649	rVB	433970	944565	13.30%	0.770%

Sum of corrected areas: 122716404

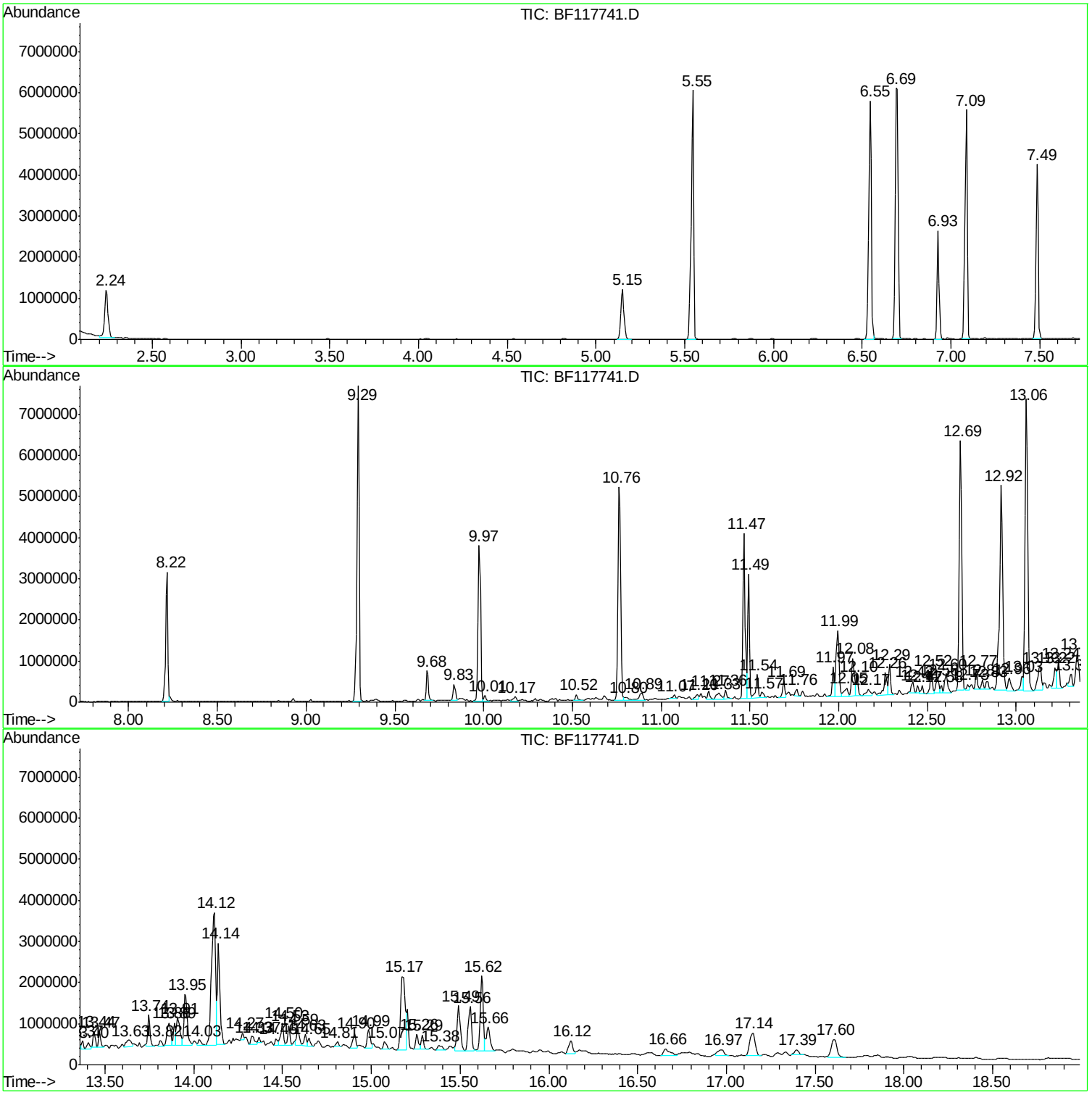
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110819\
Data File : BF117741.D
Acq On : 8 Nov 2019 19:50
Operator : JU
Sample : K5722-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-A

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\BF110819\
Data File : BF117741.D
Acq On : 8 Nov 2019 19:50
Operator : JU
Sample : K5722-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-A

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

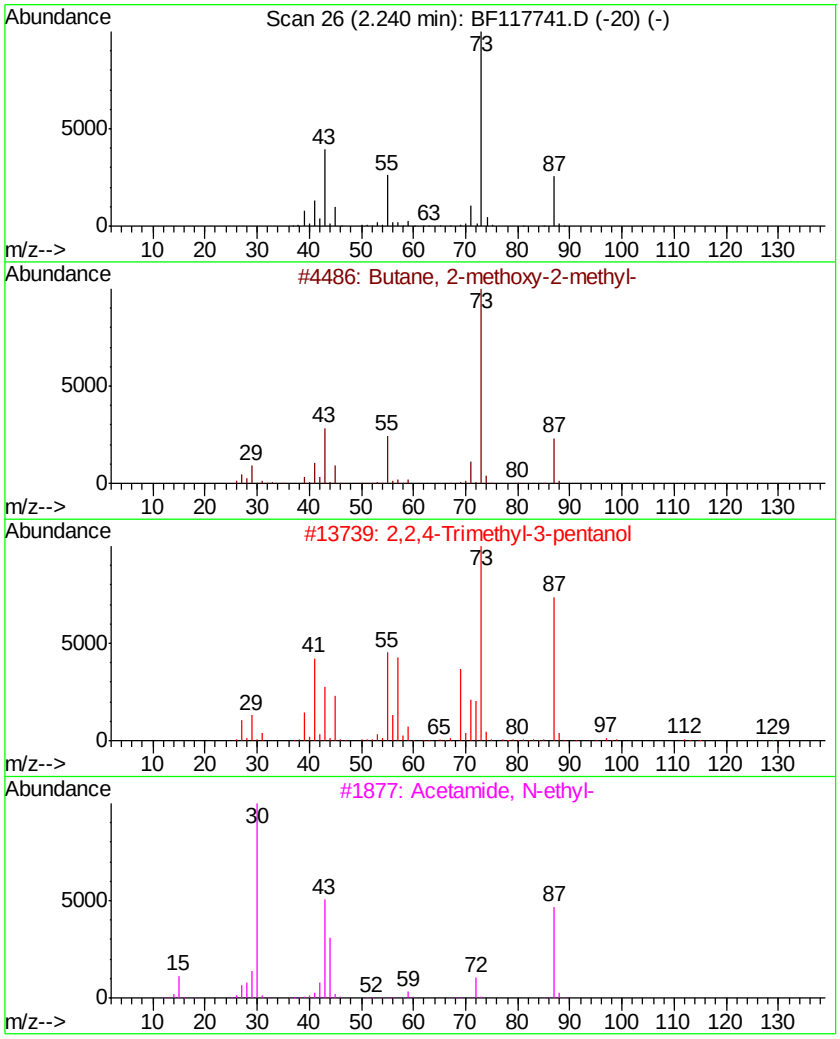
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

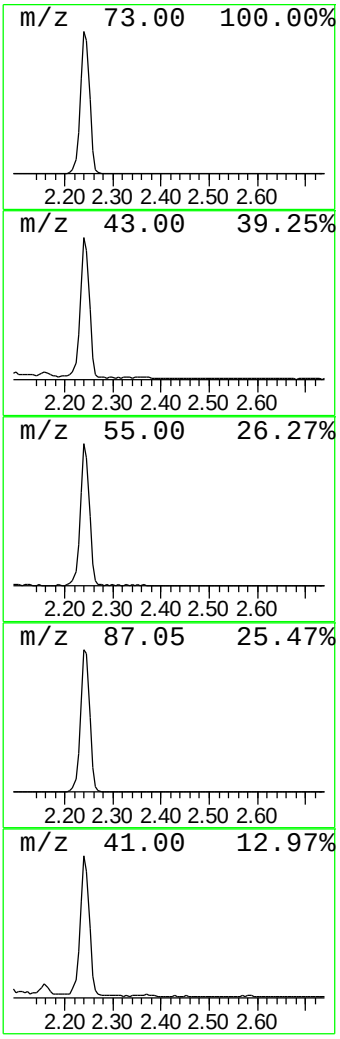
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.24	15.54 ng	1575720	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	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Instrument : BNA_F
ClientSampleId : 3-A

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

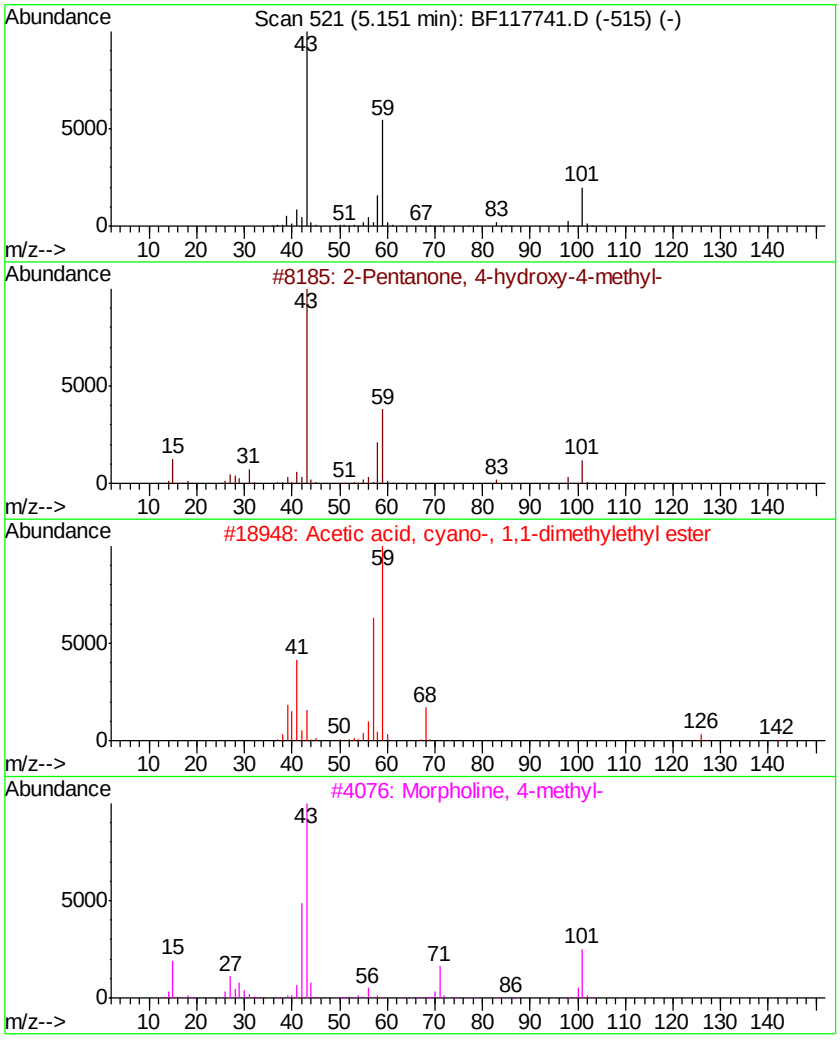
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

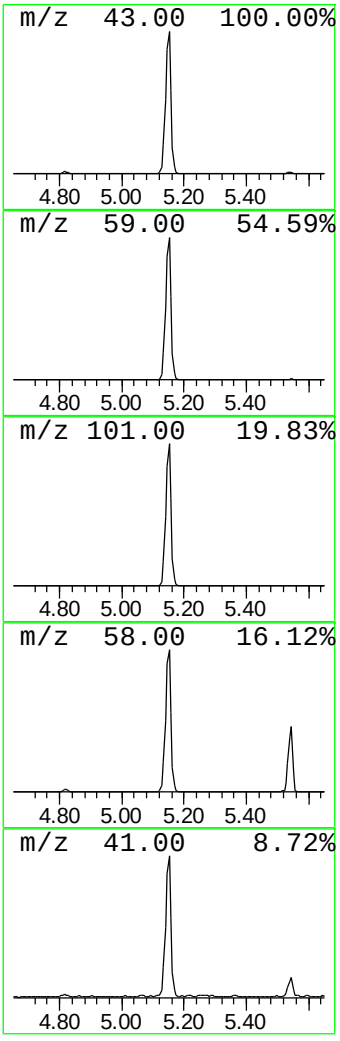
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	14.73 ng	1493410	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	53
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





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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
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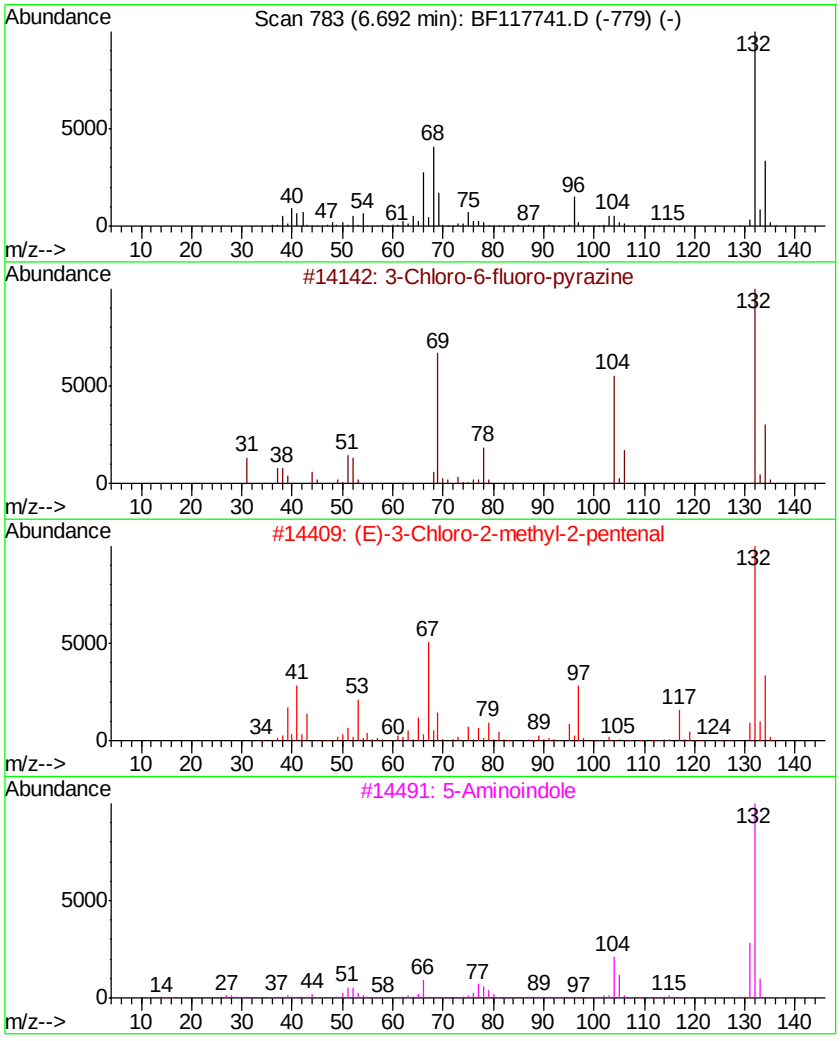
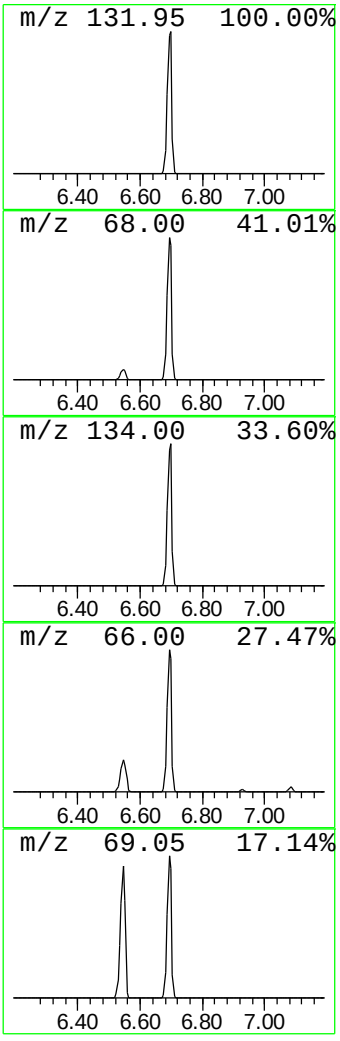
Peak Number 3 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	63.52 ng	6440480	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	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	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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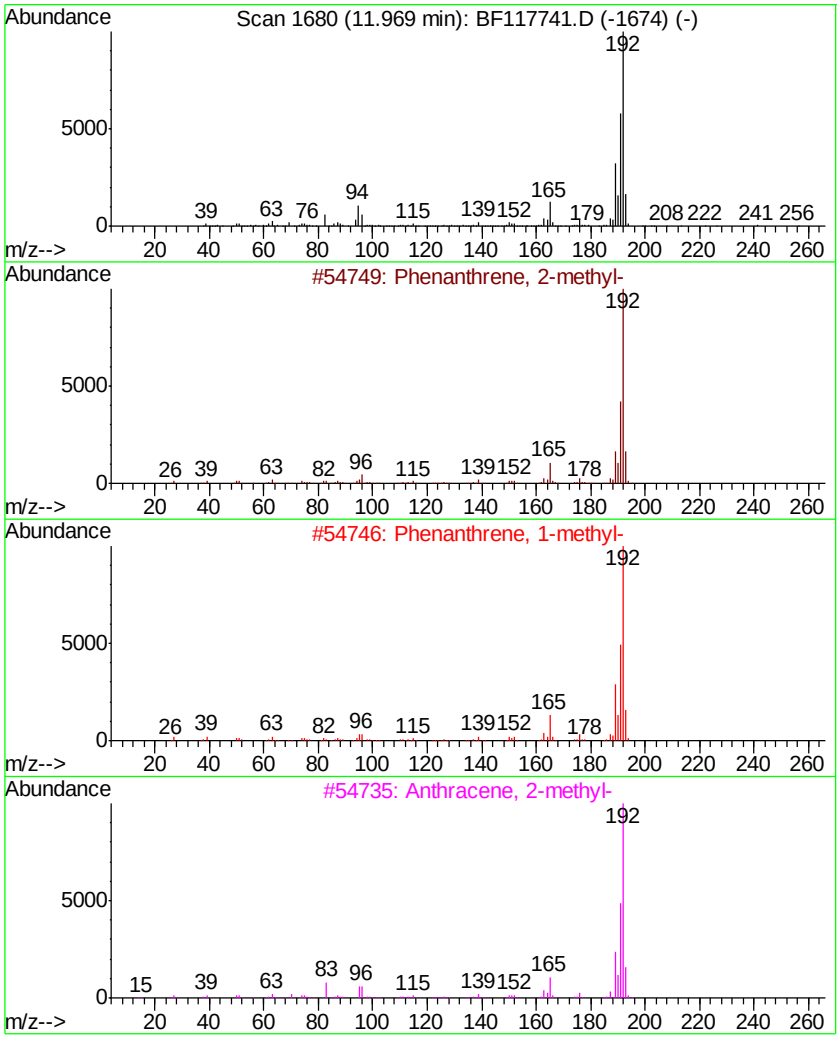
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

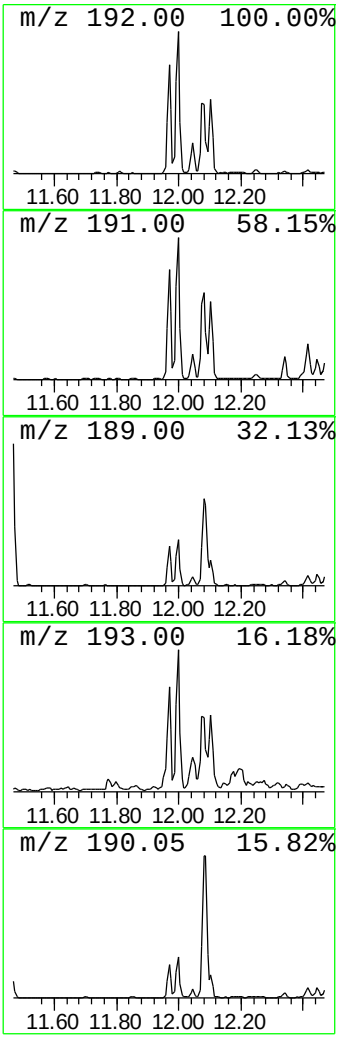
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	4.13 ng	738673	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-A

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

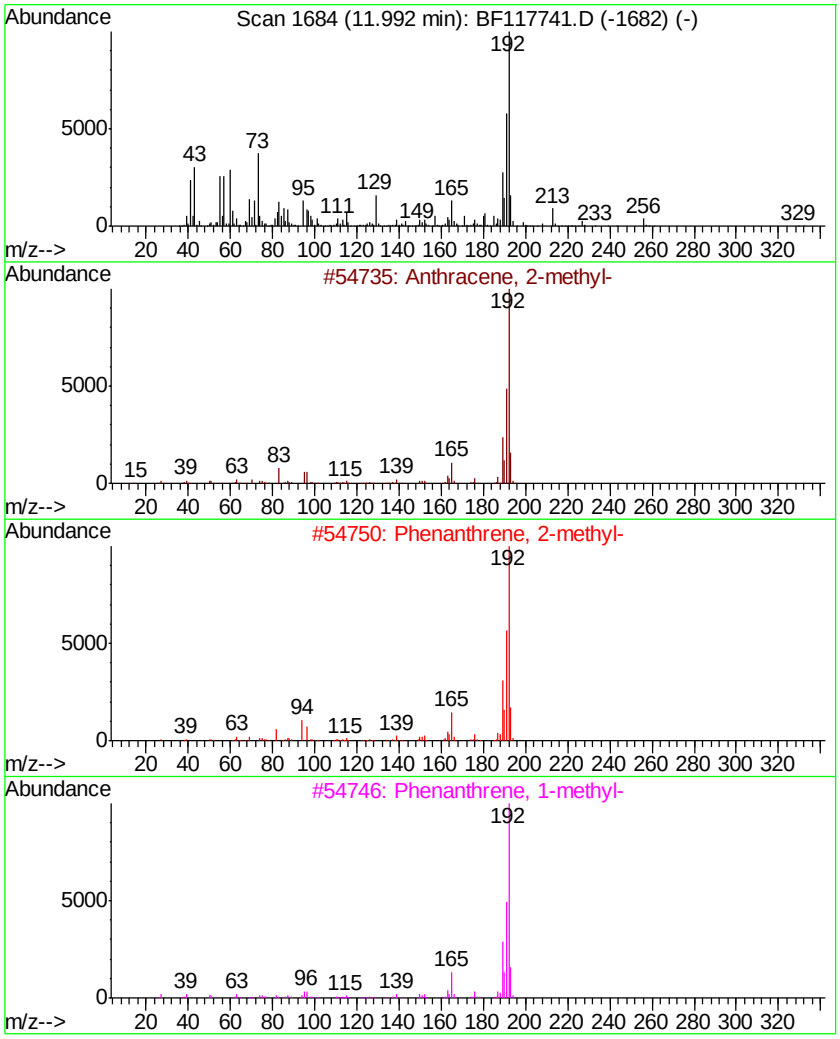
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

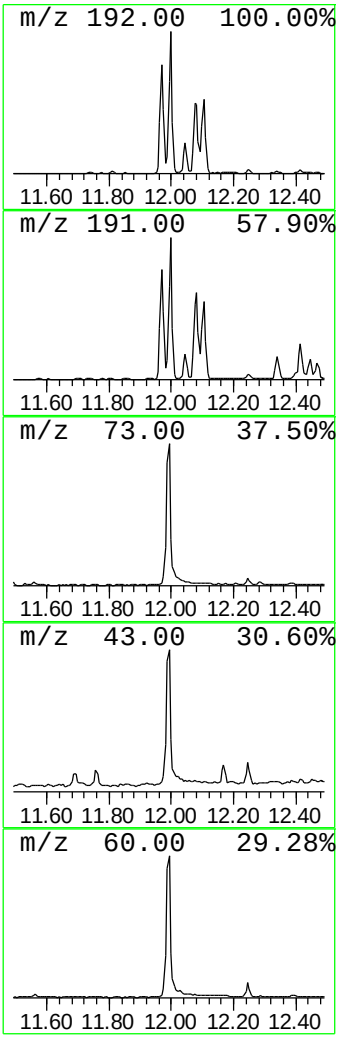
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	8.84 ng	1582040	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Library Search Compound Report

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Acq On : 8 Nov 2019 19:50
Operator : JU
Sample : K5722-17
Misc :
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Instrument : BNA_F
ClientSampleId : 3-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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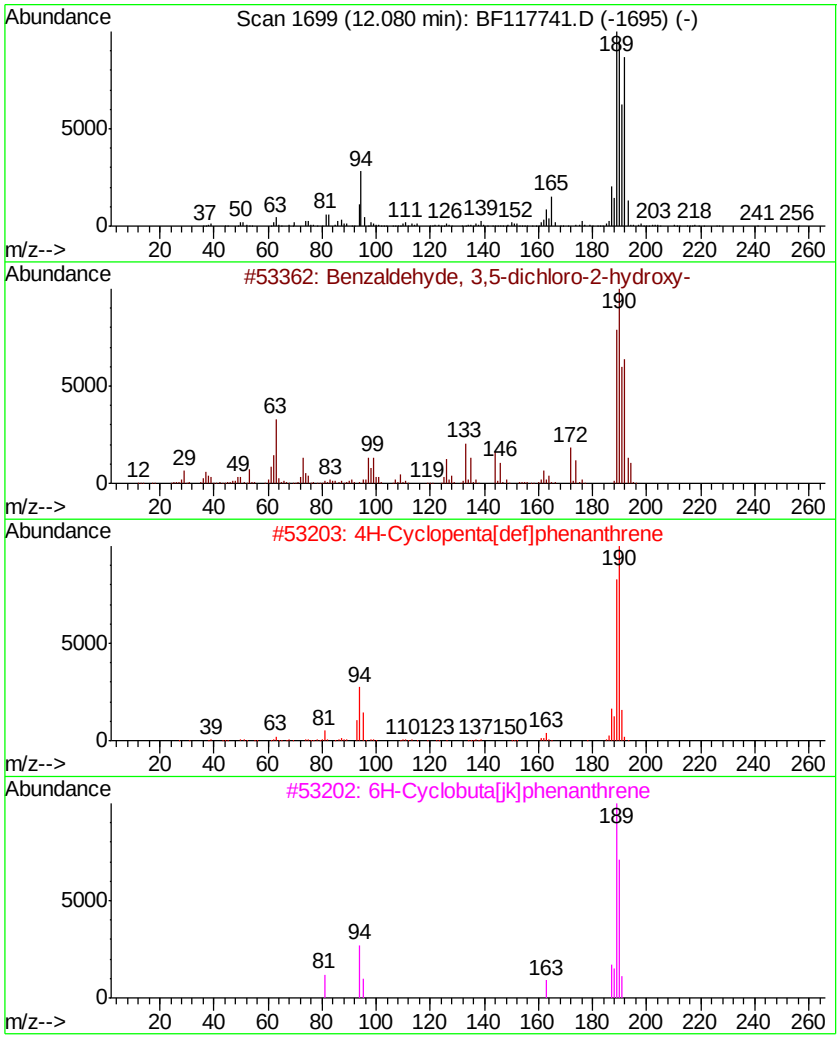
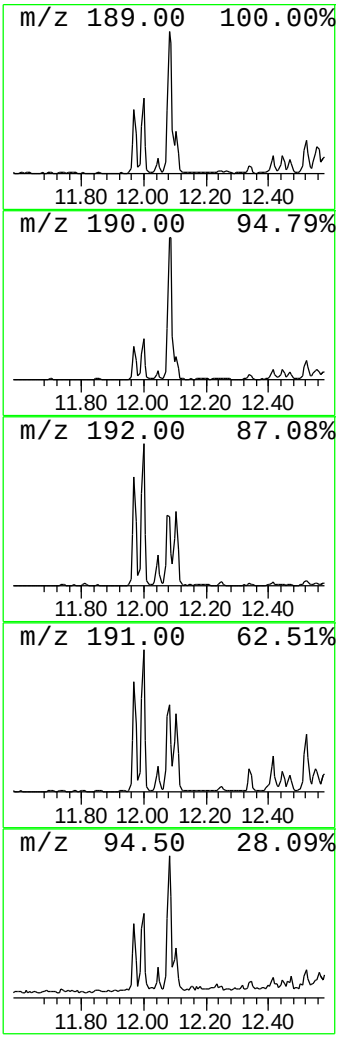
Peak Number 7 Benzaldehyde, 3,5-dichloro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	5.42 ng	969807	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42





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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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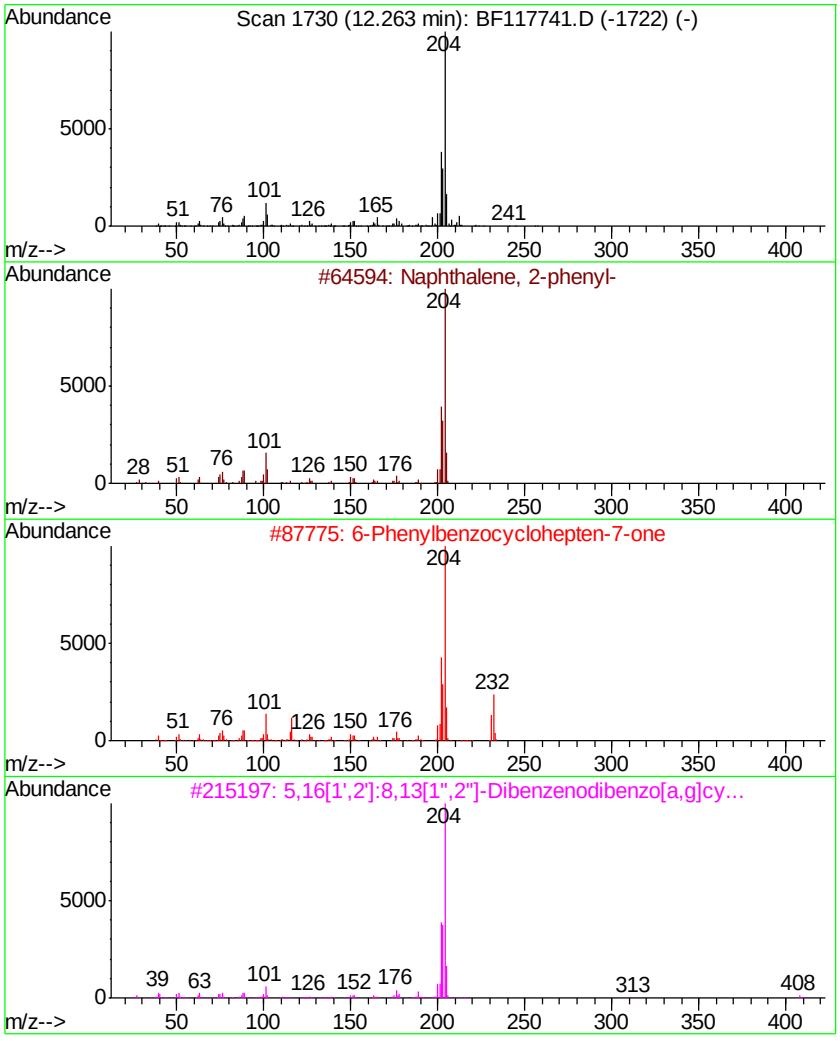
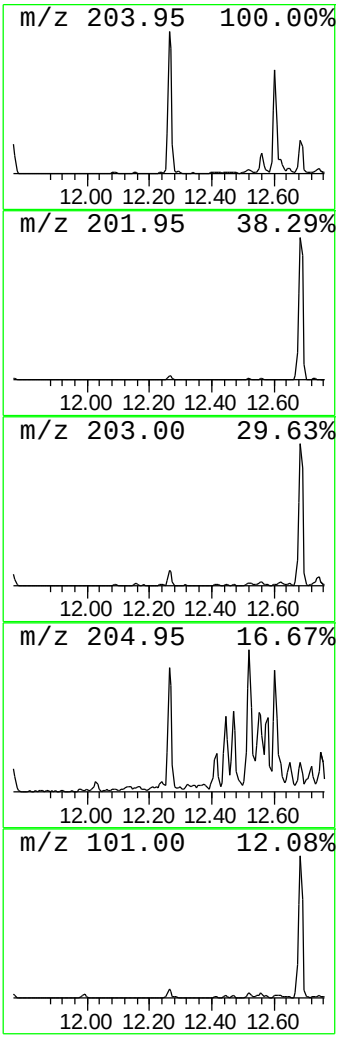
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	3.68 ng	658539	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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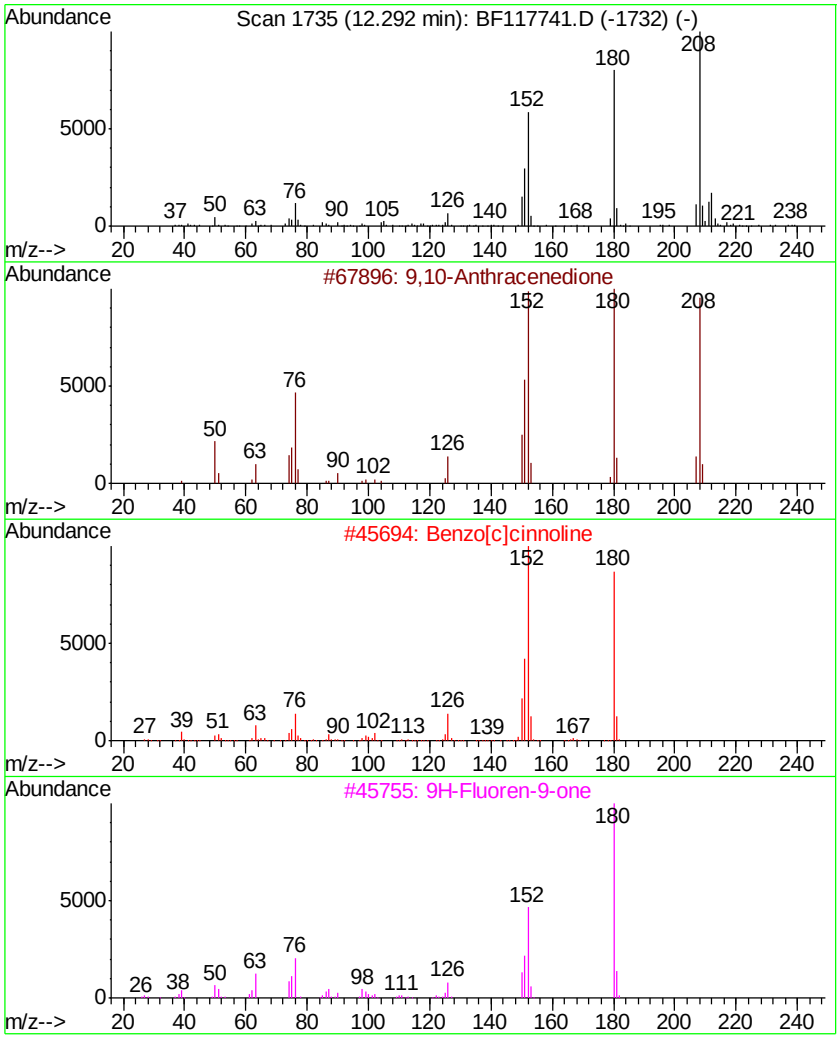
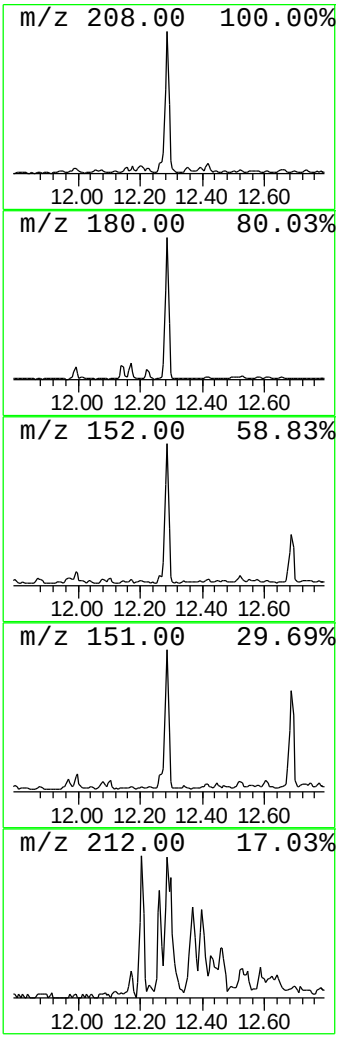
Peak Number 9 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	3.24 ng	580216	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	86
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49





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

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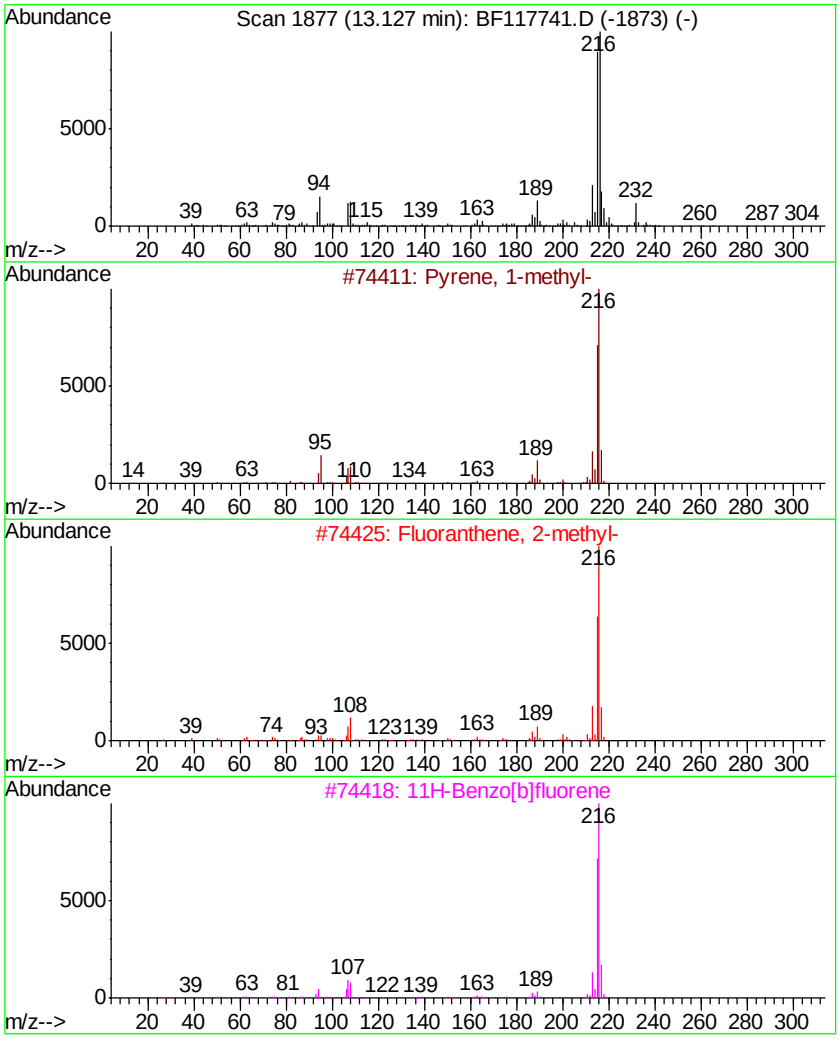
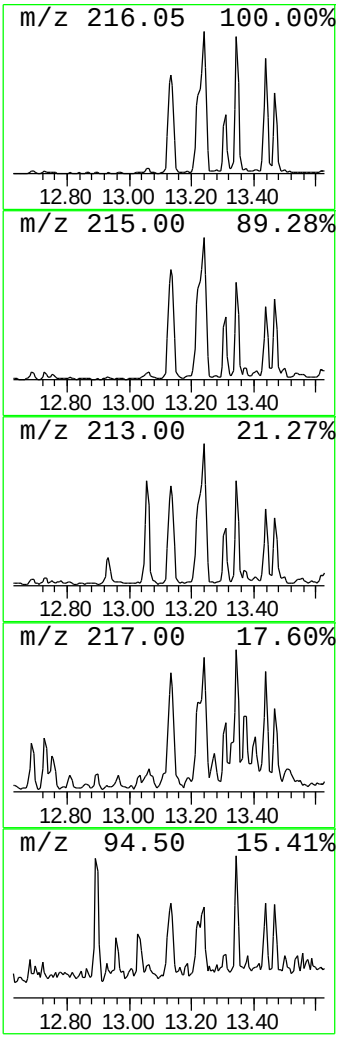
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	3.31 ng	852971	Chrysene-d12	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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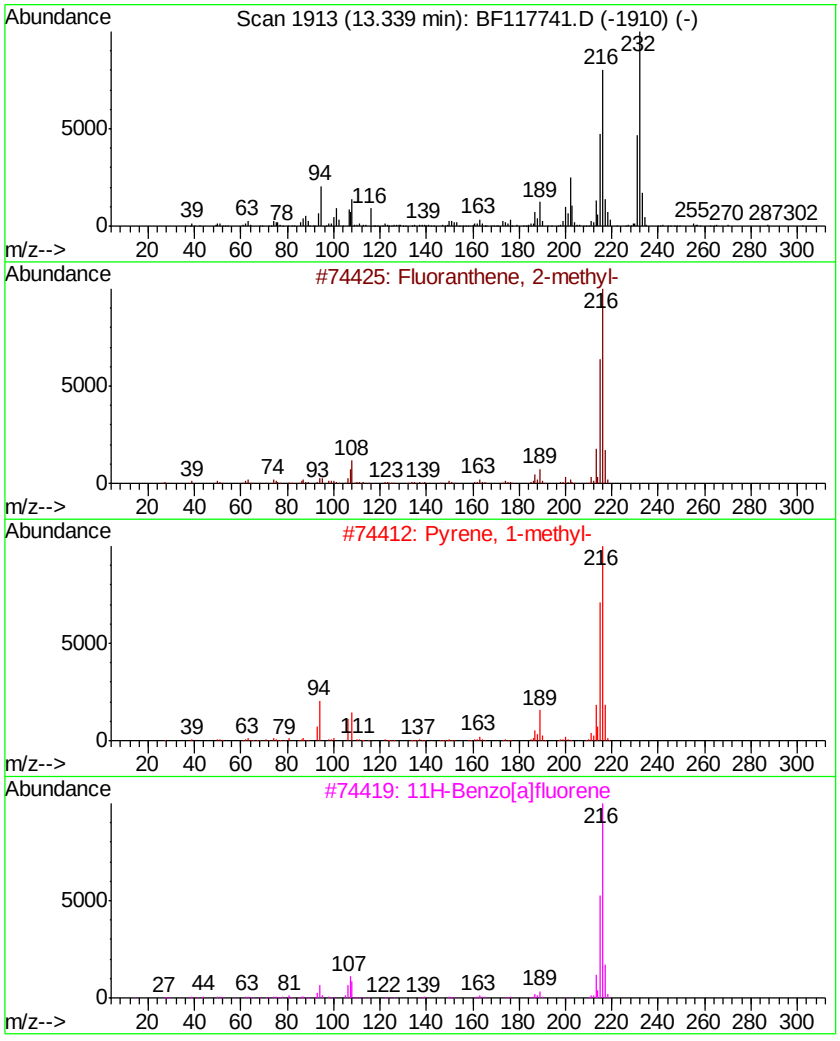
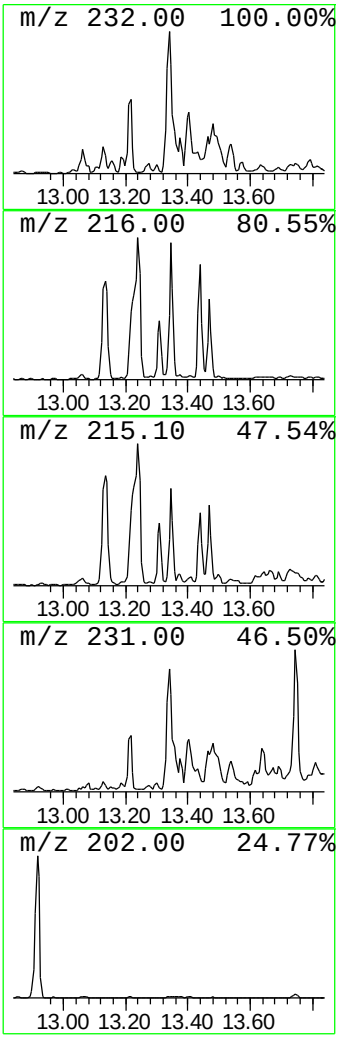
Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	3.24 ng	835326	Chrysene-d12	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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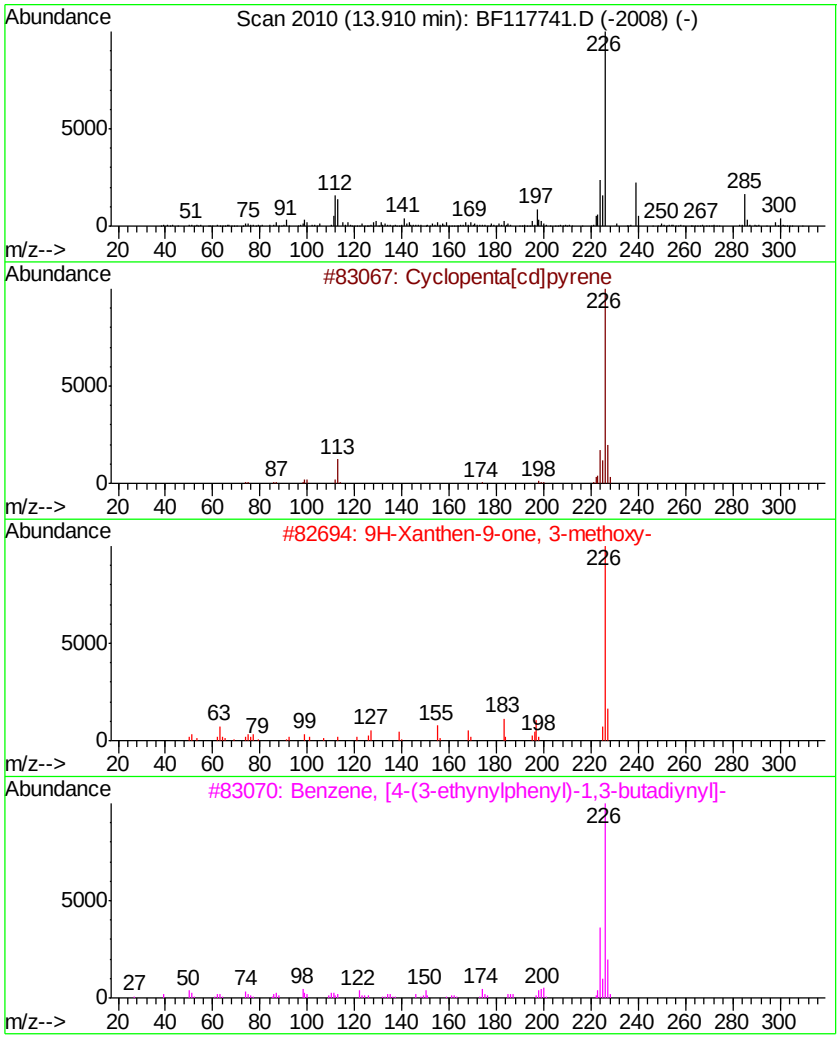
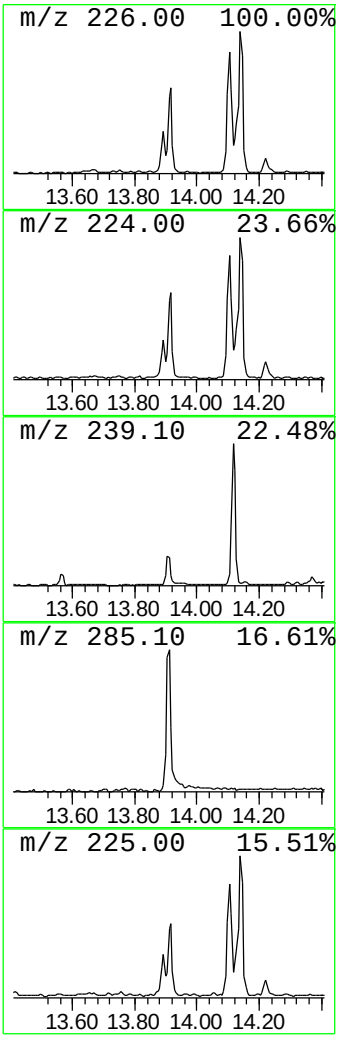
Peak Number 12 Cyclopenta[cd]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	3.18 ng	819374	Chrysene-d12	14.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	53
2	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	37
3	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	37
4	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	32
5	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	32





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Instrument : BNA_F
ClientSampleId : 3-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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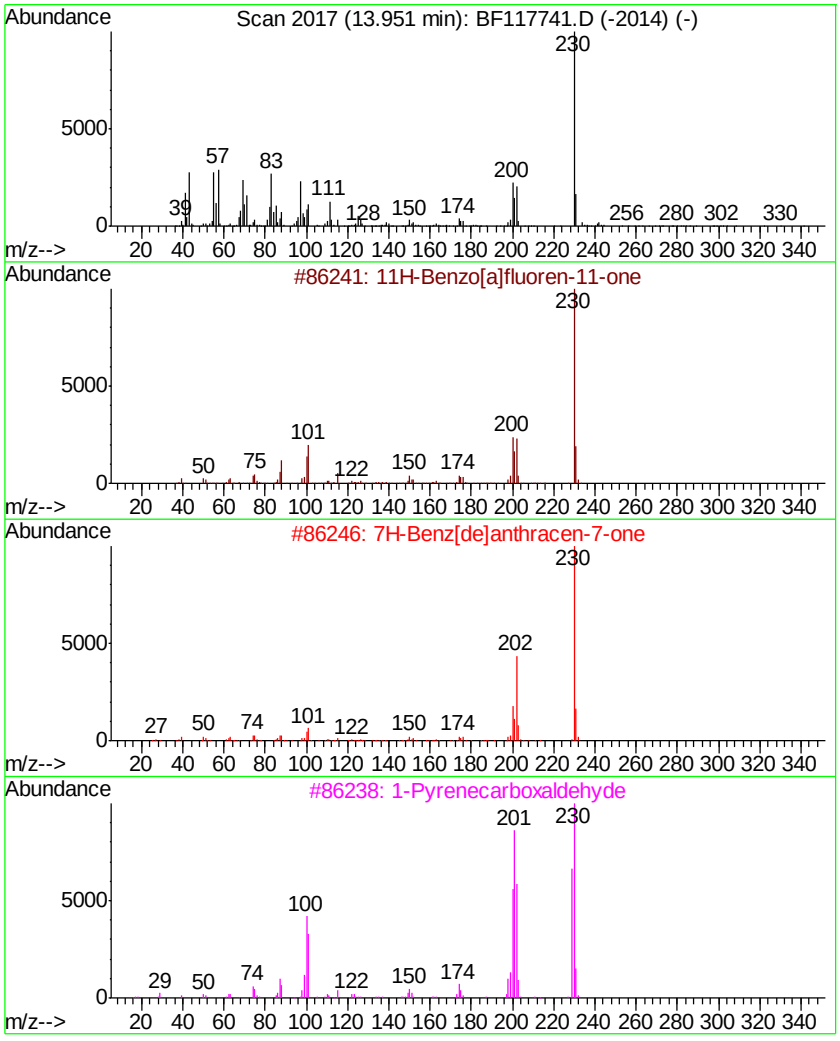
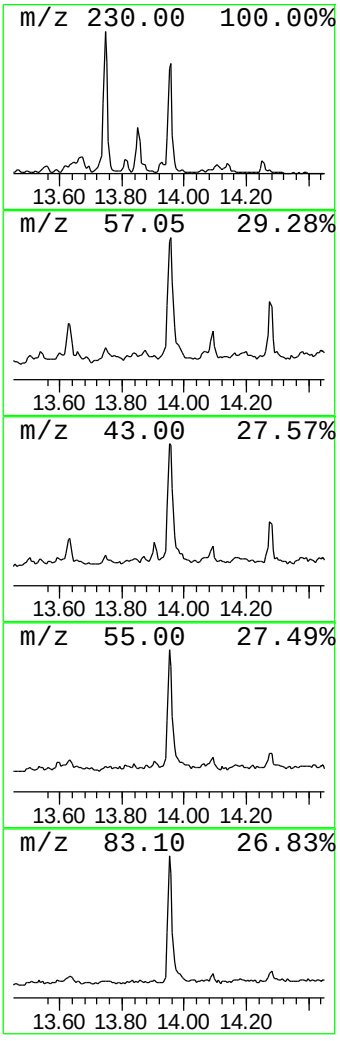
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	5.67 ng	1461950	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	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	78
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	50
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	46
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	38





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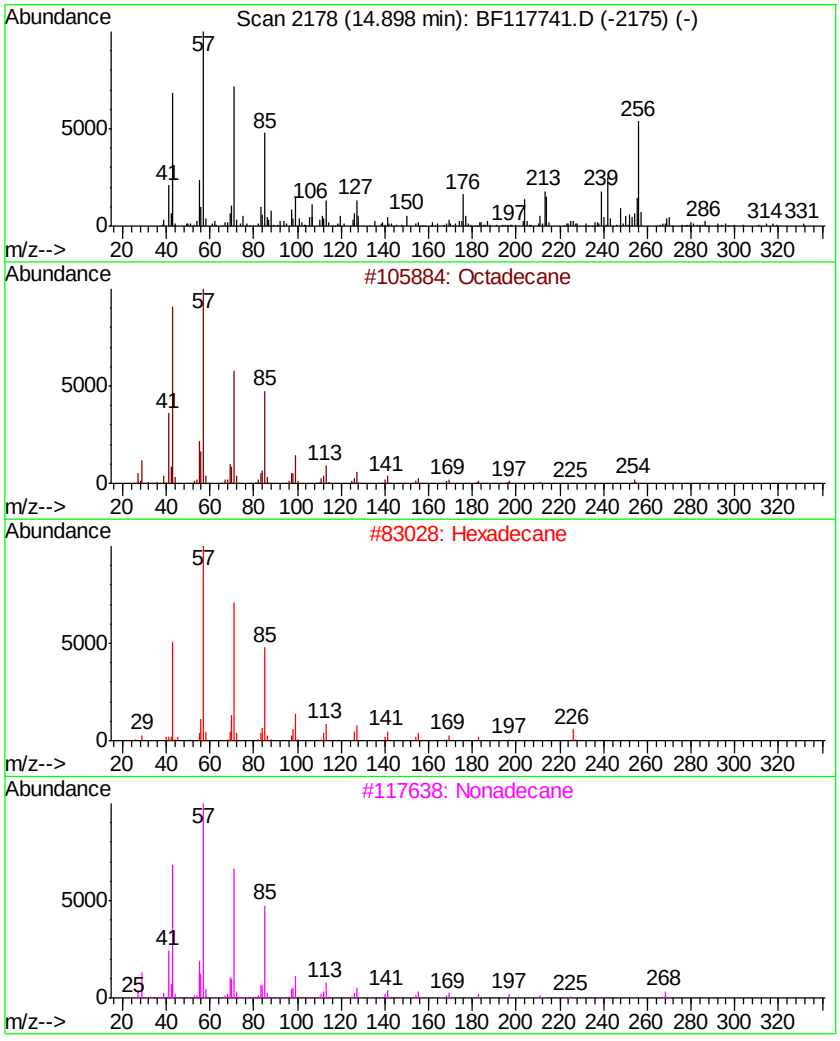
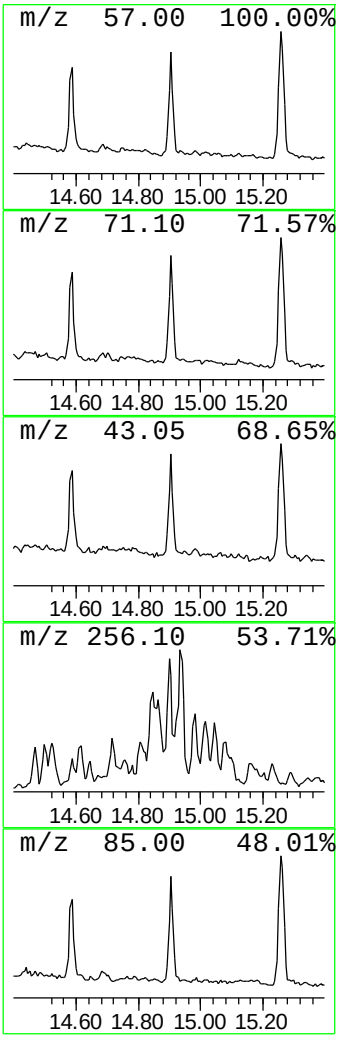
Peak Number 14 Octadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	3.35 ng	394074	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Nonadecane	268	C19H40	000629-92-5	89
4	Heptadecane	240	C17H36	000629-78-7	70
5	Heneicosane	296	C21H44	000629-94-7	55





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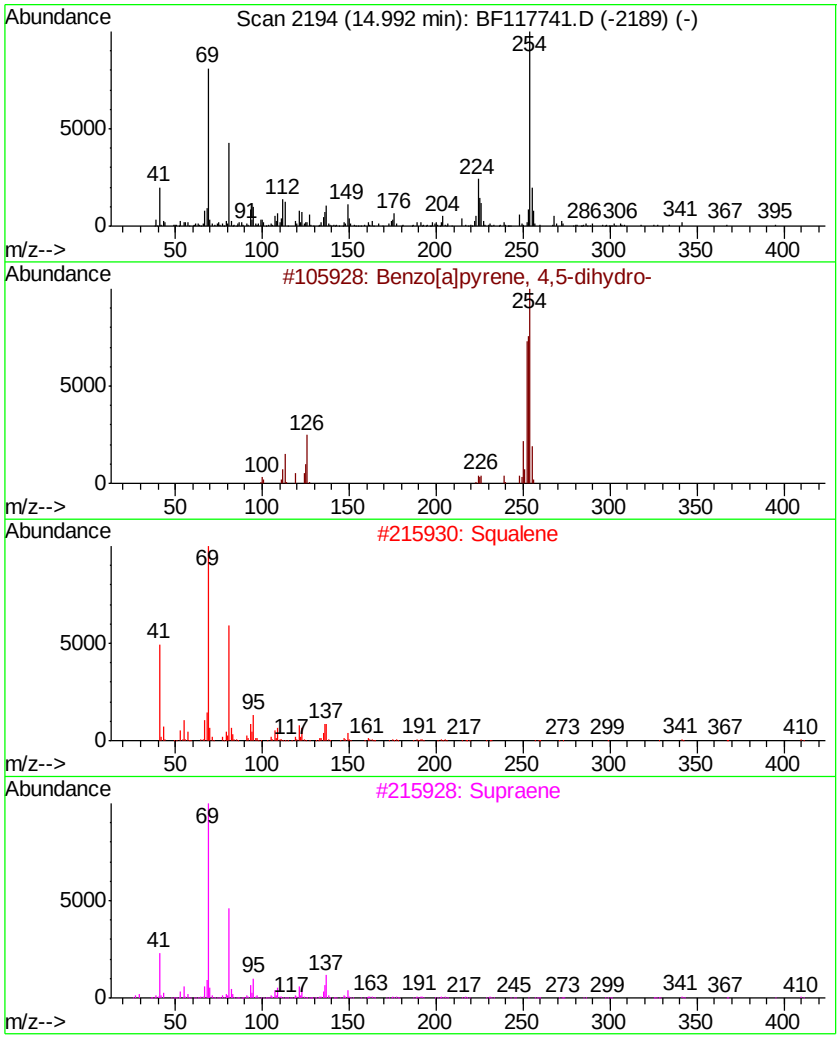
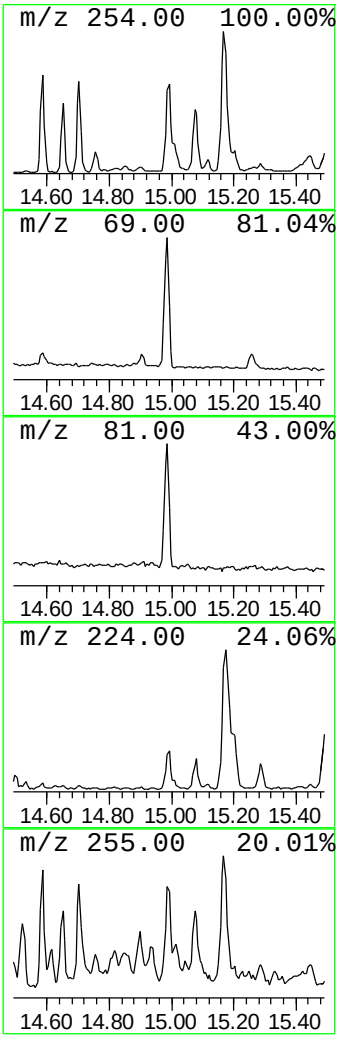
Peak Number 15 Benzo[a]pyrene, 4,5-dihydro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	4.22 ng	497067	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	52
2	Squalene	410	C30H50	000111-02-4	50
3	Supraene	410	C30H50	007683-64-9	50
4	trans-Farnesol	222	C15H26O	000106-28-5	41
5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	38





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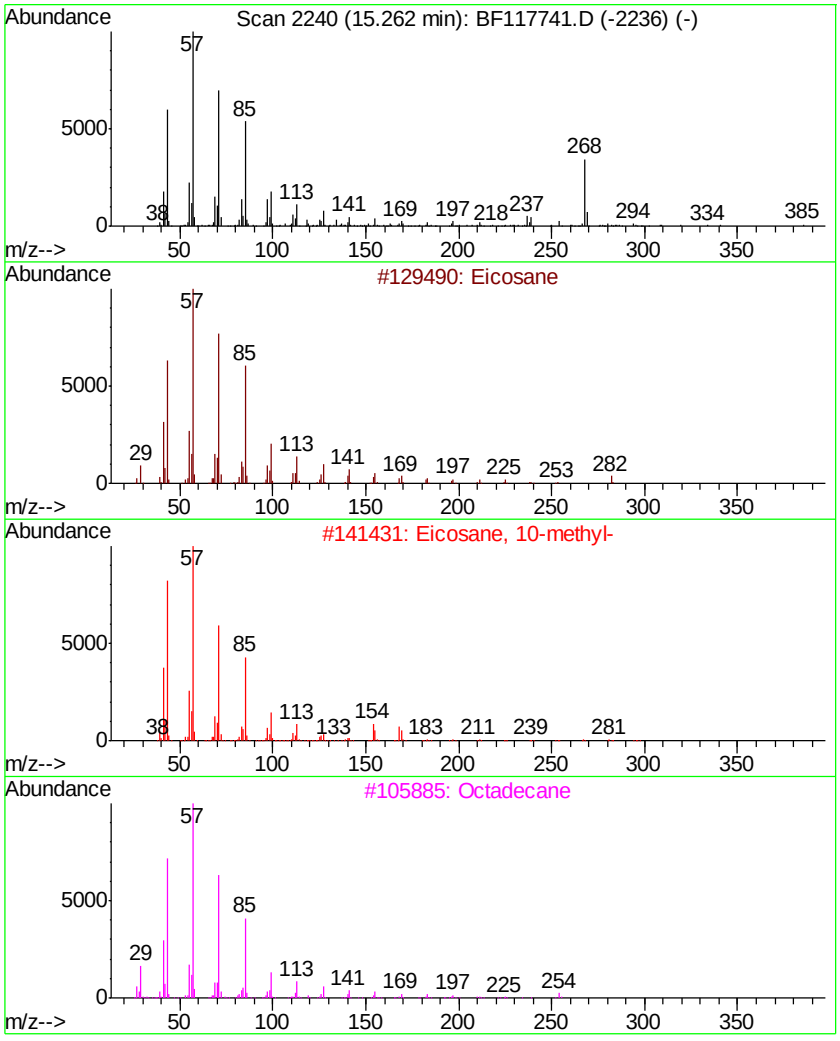
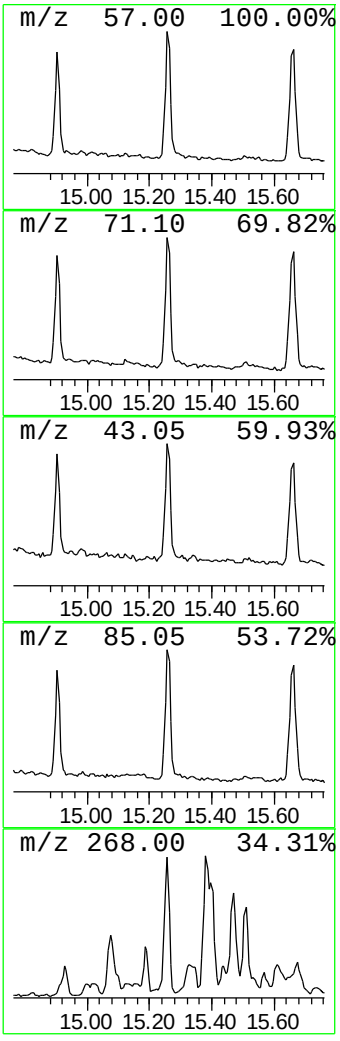
Peak Number 16 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	3.51 ng	413542	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
3	Octadecane	254	C18H38	000593-45-3	78
4	Hexacosane	366	C26H54	000630-01-3	70
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	70





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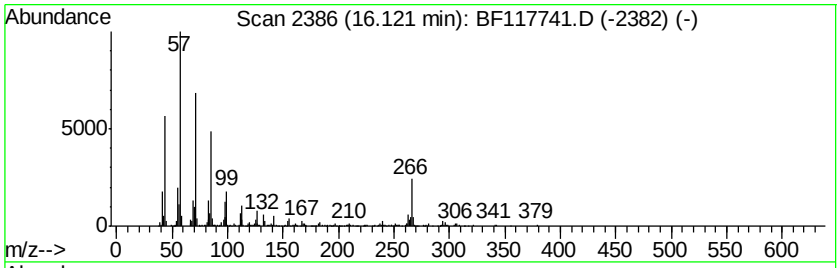
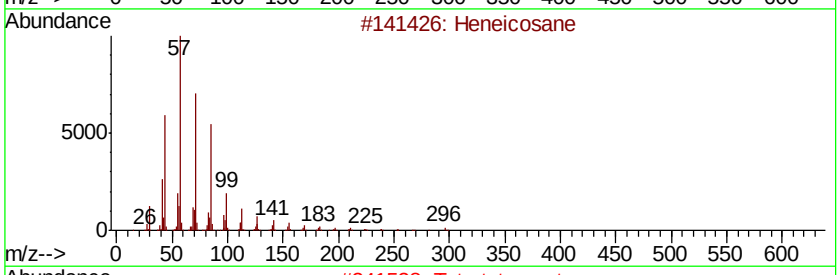
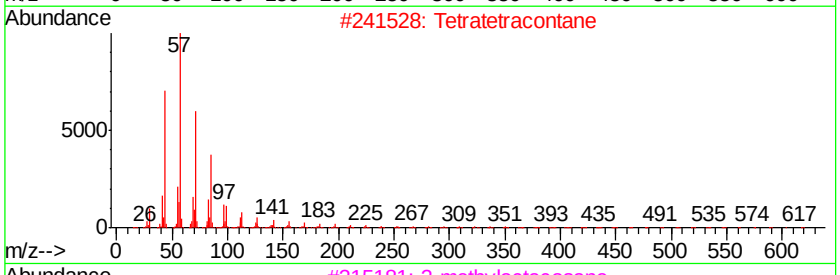
Peak Number 18 Heneicosane Concentration Rank 12

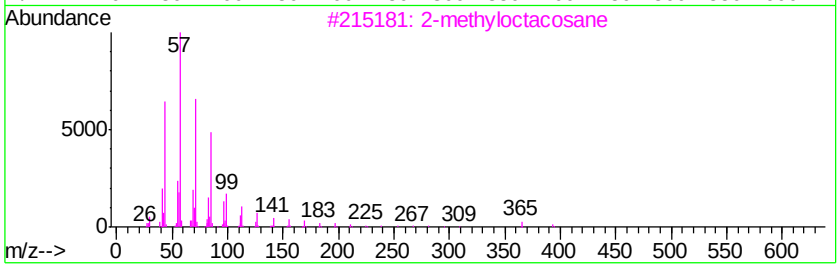
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	3.97 ng	466964	Perylene-d12	15.62

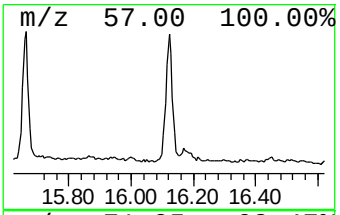
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	99
2	Tetratetracontane	619	C44H90	007098-22-8	74
3	2-methyloctacosane	408	C29H60	1000376-72-8	74
4	Hentriacontane	437	C31H64	000630-04-6	74
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	72

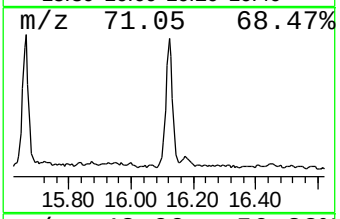


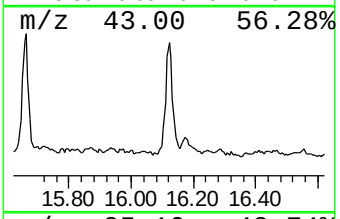


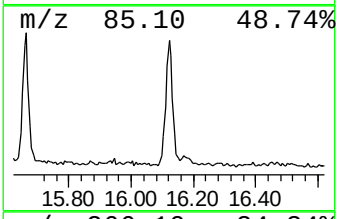


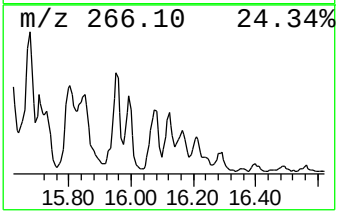












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110819\
Data File : BF117741.D
Acq On : 8 Nov 2019 19:50
Operator : JU
Sample : K5722-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-A

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

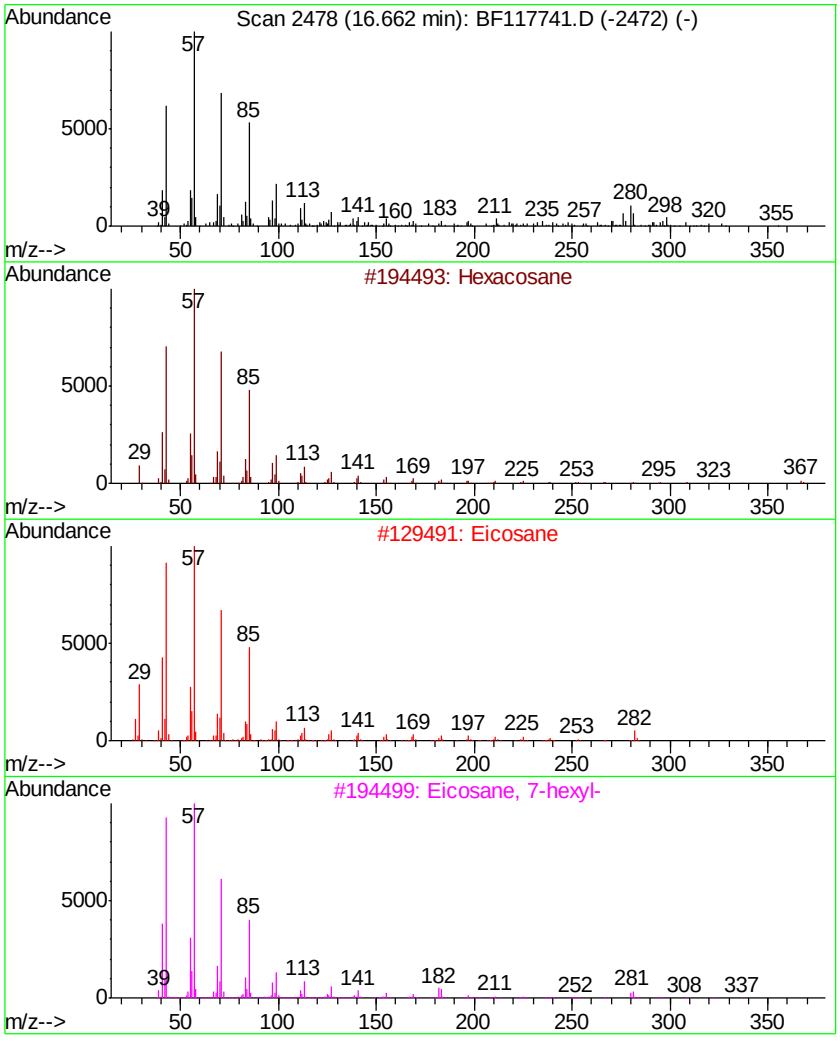
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

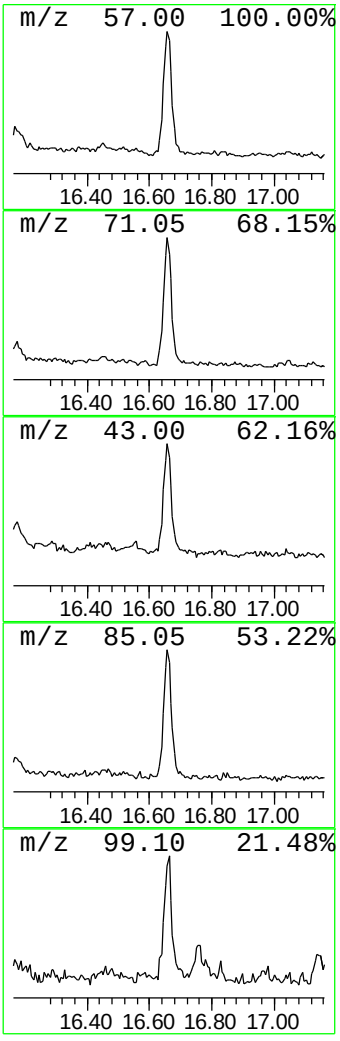
****

Peak Number 19 Hexacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	4.07 ng	479246	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Eicosane	282	C20H42	000112-95-8	87
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
5	Tetratetracontane	619	C44H90	007098-22-8	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110819\
Data File : BF117741.D
Acq On : 8 Nov 2019 19:50
Operator : JU
Sample : K5722-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-A

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

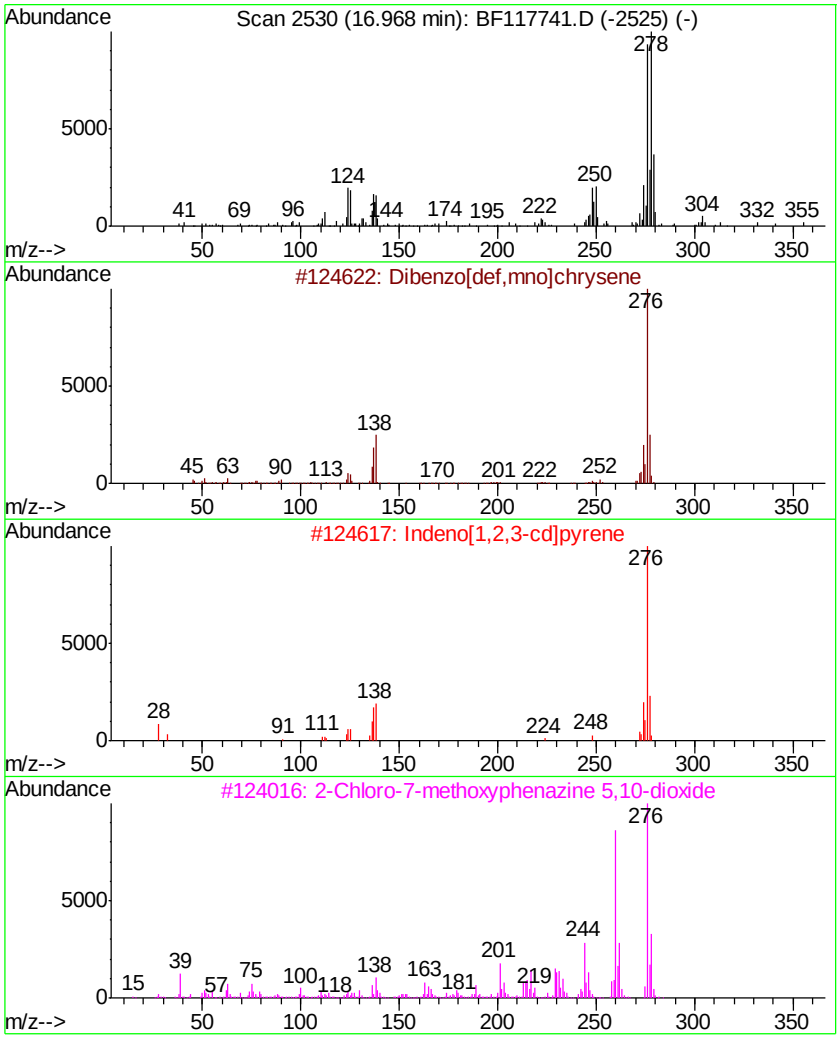
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

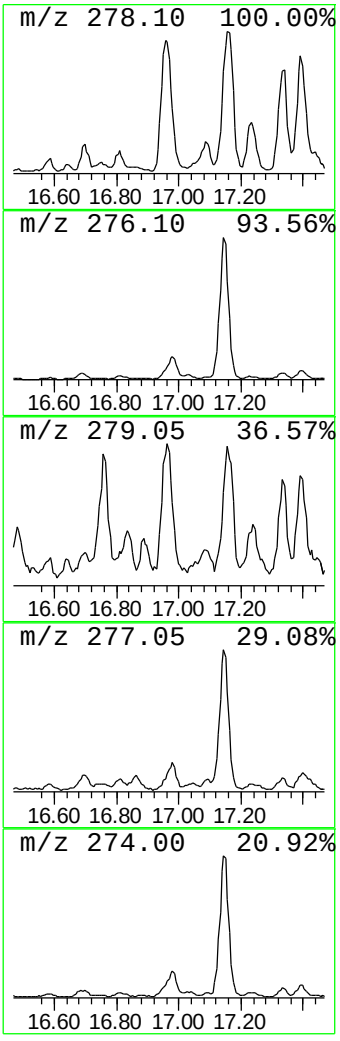
****

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	3.09 ng	363341	Perylene-d12	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	89
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	86
3	2-Chloro-7-methoxyphenazine 5,10...	276	C13H9ClN2O3	023677-04-5	52
4	Benzo[ghi]perylene	276	C22H12	000191-24-2	50
5	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110819\
Data File : BF117741.D
Acq On : 8 Nov 2019 19:50
Operator : JU
Sample : K5722-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-A

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...	2.24	15.5	ng	1575720	1	6.93	2027870	20.0
2-Pentanone, 4-hy...	5.15	14.7	ng	1493410	1	6.93	2027870	20.0
unknown6.69	6.69	63.5	ng	6440480	1	6.93	2027870	20.0
Phenanthrene, 2-m...	11.97	4.1	ng	738673	4	11.47	3580620	20.0
Anthracene, 2-met...	11.99	8.8	ng	1582040	4	11.47	3580620	20.0
Benzaldehyde, 3,5...	12.08	5.4	ng	969807	4	11.47	3580620	20.0
Naphthalene, 2-ph...	12.26	3.7	ng	658539	4	11.47	3580620	20.0
9,10-Anthracenedione	12.29	3.2	ng	580216	4	11.47	3580620	20.0
Pyrene, 1-methyl-	13.13	3.3	ng	852971	5	14.12	5159220	20.0
Fluoranthene, 2-m...	13.34	3.2	ng	835326	5	14.12	5159220	20.0
Cyclopenta[cd]pyrene	13.91	3.2	ng	819374	5	14.12	5159220	20.0
11H-Benzo[a]fluor...	13.95	5.7	ng	1461950	5	14.12	5159220	20.0
Octadecane	14.90	3.4	ng	394074	6	15.62	2353420	20.0
Benzo[a]pyrene, 4...	14.99	4.2	ng	497067	6	15.62	2353420	20.0
Eicosane	15.26	3.5	ng	413542	6	15.62	2353420	20.0
Heneicosane	16.12	4.0	ng	466964	6	15.62	2353420	20.0
Hexacosane	16.66	4.1	ng	479246	6	15.62	2353420	20.0
Dibenzo[def,mno]c...	16.97	3.1	ng	363341	6	15.62	2353420	20.0