LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111095.D
Acq On : 29 Nov 2018 17:25
Operator : JU/SJ
Sample : J5767-17 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-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-BF112618.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	2.187	13	17	32	rVB	37936	62842	7.94%	0.480%
2	5.169	521	524	539	rBV	10578	24150	3.05%	0.184%
3	5.551	587	589	612	rBV	310462	536199	67.73%	4.096%
4	6.563	758	761	781	rBV	368201	650349	82.15%	4.968%
5	6.698	781	784	804	rVB	595801	662181	83.65%	5.059%
6	6.933	820	824	841	rVB	325760	355488	44.91%	2.716%
7	7.086	847	850	868	rBV	444999	474523	59.94%	3.625%
8	7.504	917	921	941	rBV	230262	389375	49.19%	2.975%
9	8.216	1039	1042	1060	rBV	406003	493277	62.31%	3.768%
10	8.945	1163	1166	1172	rBV	8369	10995	1.39%	0.084%
11	9.033	1179	1181	1188	rBB	10386	13459	1.70%	0.103%
12	9.286	1220	1224	1233	rBV	672346	699166	88.32%	5.341%
13	9.569	1268	1272	1276	rBV2	8274	10195	1.29%	0.078%
14	9.633	1279	1283	1286	rBV	14891	16804	2.12%	0.128%
15	9.663	1286	1288	1290	rVV2	11354	11811	1.49%	0.090%
16	9.686	1290	1292	1301	rVB	38879	39168	4.95%	0.299%
17	9.751	1301	1303	1311	rVB2	5945	9320	1.18%	0.071%
18	9.839	1313	1318	1321	rBV2	10580	11858	1.50%	0.091%
19	9.969	1337	1340	1344	rBV	505704	504163	63.69%	3.851%
20	10.004	1344	1346	1356	rVB	104102	105176	13.29%	0.803%
21	10.192	1371	1378	1380	rBV2	22471	29027	3.67%	0.222%
22	10.216	1380	1382	1387	rVB2	8577	9115	1.15%	0.070%
23	10.374	1405	1409	1412	rBV2	10040	8830	1.12%	0.067%
24	10.527	1432	1435	1441	rVB	74427	68565	8.66%	0.524%
25	10.592	1441	1446	1447	rBV	14565	15528	1.96%	0.119%
26	10.680	1459	1461	1465	rVB	13505	13084	1.65%	0.100%
27	10.769	1473	1476	1487	rVV	298524	338924	42.81%	2.589%
28	10.857	1487	1491	1494	rVB4	8242	11666	1.47%	0.089%
29	11.074	1520	1528	1531	rBV	19712	25802	3.26%	0.197%
30	11.104	1531	1533	1537	rVB	9405	8184	1.03%	0.063%
31	11.321	1567	1570	1573	rVB2	12959	14225	1.80%	0.109%
32	11.368	1576	1578	1582	rVB	35135	27764	3.51%	0.212%
33	11.468	1591	1595	1597	rBV	492336	426800	53.91%	3.260%
34	11.492	1597	1599	1606	rVV	595656	535856	67.69%	4.094%

LSC Area Percent Report

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Acq On : 29 Nov 2018 17:25
Operator : JU/SJ
Sample : J5767-17 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-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-BF112618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.551	1606	1609	1616	rVV	119934	128523	16.24%	0.982%
36	11.716	1632	1637	1642	rBV2	36789	43489	5.49%	0.332%
37	11.804	1650	1652	1655	rBV	10244	10421	1.32%	0.080%
38	11.886	1662	1666	1671	rBV3	9294	14170	1.79%	0.108%
39	11.968	1677	1680	1683	rBV	91116	96525	12.19%	0.737%
40	12.004	1683	1686	1692	rVV	95942	93526	11.81%	0.714%
41	12.051	1692	1694	1697	rVV	24984	26722	3.38%	0.204%
42	12.086	1697	1700	1703	rVV	117956	132255	16.71%	1.010%
43	12.110	1703	1704	1711	rVB2	46518	40210	5.08%	0.307%
44	12.263	1728	1730	1735	rBV	45786	46459	5.87%	0.355%
45	12.321	1738	1740	1741	rBV2	14507	10010	1.26%	0.076%
46	12.415	1753	1756	1759	rVB2	18824	16509	2.09%	0.126%
47	12.451	1759	1762	1764	rBV	19949	18997	2.40%	0.145%
48	12.474	1764	1766	1771	rVB	14151	12700	1.60%	0.097%
49	12.521	1771	1774	1777	rBV	53772	52621	6.65%	0.402%
50	12.563	1777	1781	1783	rVV2	22244	30544	3.86%	0.233%
51	12.604	1786	1788	1790	rBV	11944	13140	1.66%	0.100%
52	12.627	1790	1792	1799	rVB3	16029	18181	2.30%	0.139%
53	12.692	1799	1803	1807	rBV	664157	643565	81.30%	4.916%
54	12.751	1811	1813	1818	rVV4	28074	33980	4.29%	0.260%
55	12.792	1818	1820	1825	rVB3	11064	11385	1.44%	0.087%
56	12.845	1825	1829	1834	rBV2	34368	43923	5.55%	0.336%
57	12.904	1835	1839	1840	rVV	126900	141802	17.91%	1.083%
58	12.921	1840	1842	1848	rVV	592626	514076	64.94%	3.927%
59	12.974	1848	1851	1853	rVB	30506	29444	3.72%	0.225%
60	13.045	1860	1863	1867	rBV	601056	503405	63.59%	3.846%
61	13.098	1869	1872	1875	rBV	15096	16479	2.08%	0.126%
62	13.139	1875	1879	1884	rVB3	40321	69452	8.77%	0.531%
63	13.186	1884	1887	1890	rBV3	18345	24735	3.12%	0.189%
64	13.251	1890	1898	1903	rBV2	119449	154934	19.57%	1.184%
65	13.315	1906	1909	1912	rVV	107441	94589	11.95%	0.723%
66	13.357	1912	1916	1922	rVV3	56690	96680	12.21%	0.739%
67	13.410	1923	1925	1928	rVB4	15980	13269	1.68%	0.101%
68	13.451	1929	1932	1934	rVV	31573	30958	3.91%	0.236%
69	13.480	1934	1937	1945	rVB2	34512	54737	6.91%	0.418%
70	13.586	1953	1955	1959	rBV4	14852	17615	2.23%	0.135%
71	13.651	1963	1966	1968	rBV3	12836	12750	1.61%	0.097%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5767-17 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-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-BF112618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.674	1968	1970	1972	rBV	13849	11091	1.40%	0.085%
73	13.733	1977	1980	1983	rBV3	13381	20147	2.55%	0.154%
74	13.880	2002	2005	2006	rBV	48363	47755	6.03%	0.365%
75	13.898	2006	2008	2009	rVV	55594	45932	5.80%	0.351%
76	13.921	2009	2012	2020	rVV4	89251	167101	21.11%	1.277%
77	13.986	2021	2023	2027	rVB	25071	23453	2.96%	0.179%
78	14.045	2031	2033	2037	rVB2	16635	16292	2.06%	0.124%
79	14.121	2039	2046	2049	rBV2	510524	791620	100.00%	6.047%
80	14.151	2049	2051	2058	rVB	290149	280507	35.43%	2.143%
81	14.233	2062	2065	2070	rVB	85347	75798	9.58%	0.579%
82	14.333	2080	2082	2084	rBV	22124	23545	2.97%	0.180%
83	14.474	2104	2106	2108	rBV2	16803	14234	1.80%	0.109%
84	14.515	2108	2113	2115	rVV	60114	74588	9.42%	0.570%
85	14.539	2115	2117	2122	rVB2	46779	60988	7.70%	0.466%
86	14.645	2133	2135	2136	rBV	25586	19202	2.43%	0.147%
87	14.851	2167	2170	2173	rBV	55522	67199	8.49%	0.513%
88	15.204	2226	2230	2233	rBV2	249839	341065	43.08%	2.606%
89	15.321	2247	2250	2257	rVB	41145	61941	7.82%	0.473%
90	15.527	2281	2285	2290	rBV	102350	137798	17.41%	1.053%
91	15.598	2293	2297	2302	rVB2	195708	267766	33.83%	2.046%
92	15.656	2303	2307	2311	rBV2	239477	323736	40.90%	2.473%
93	16.039	2369	2372	2380	rVB3	50111	71419	9.02%	0.546%
94	16.562	2458	2461	2466	rVB2	26880	33591	4.24%	0.257%
95	17.256	2574	2579	2586	rVB	47195	85184	10.76%	0.651%
96	17.739	2656	2661	2669	rBV2	30841	64234	8.11%	0.491%
97	18.027	2705	2710	2718	rVB8	14149	37349	4.72%	0.285%

Sum of corrected areas: 13090184

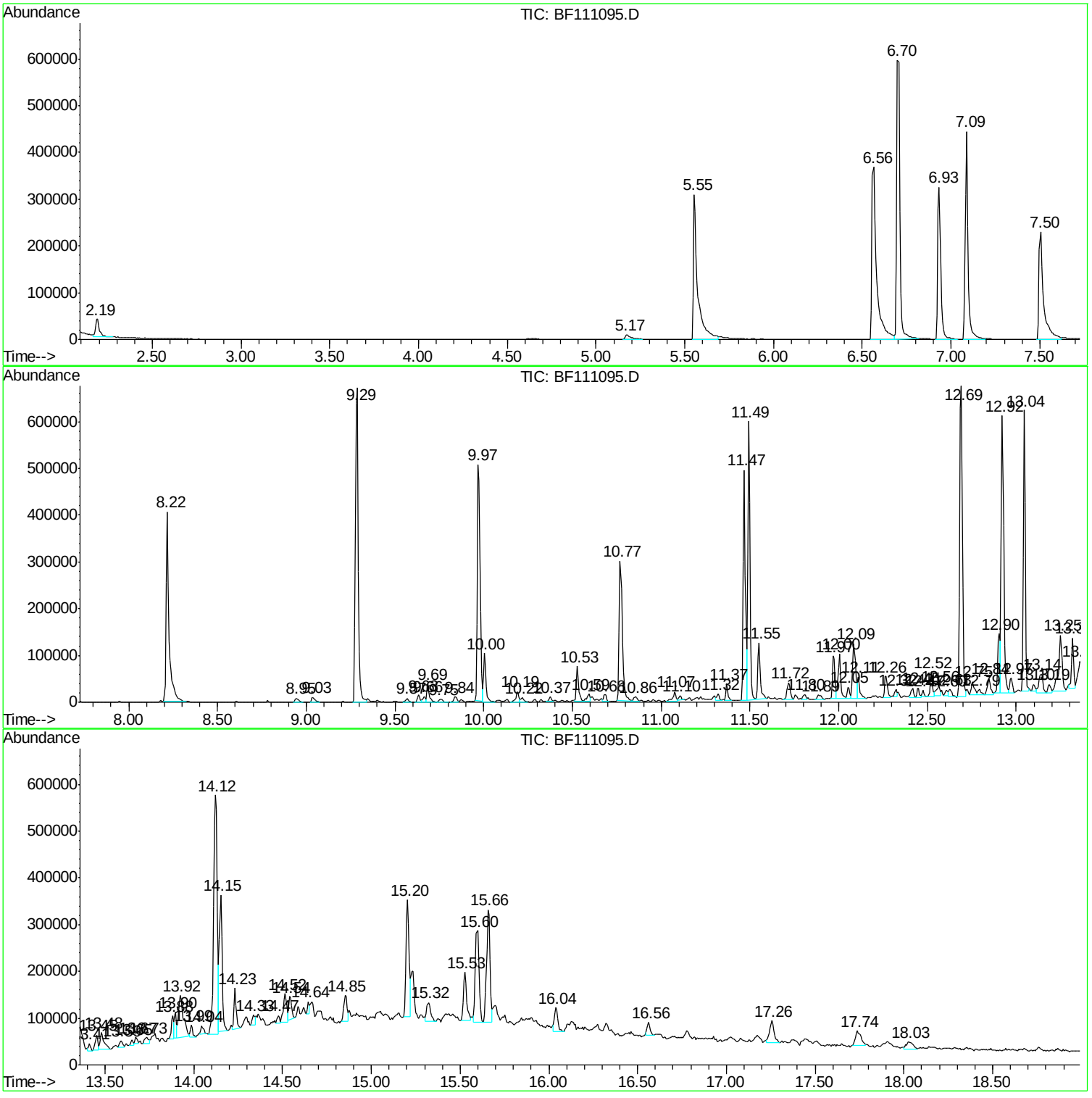
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111095.D
Acq On : 29 Nov 2018 17:25
Operator : JU/SJ
Sample : J5767-17 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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\BF112918\
Data File : BF111095.D
Acq On : 29 Nov 2018 17:25
Operator : JU/SJ
Sample : J5767-17 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

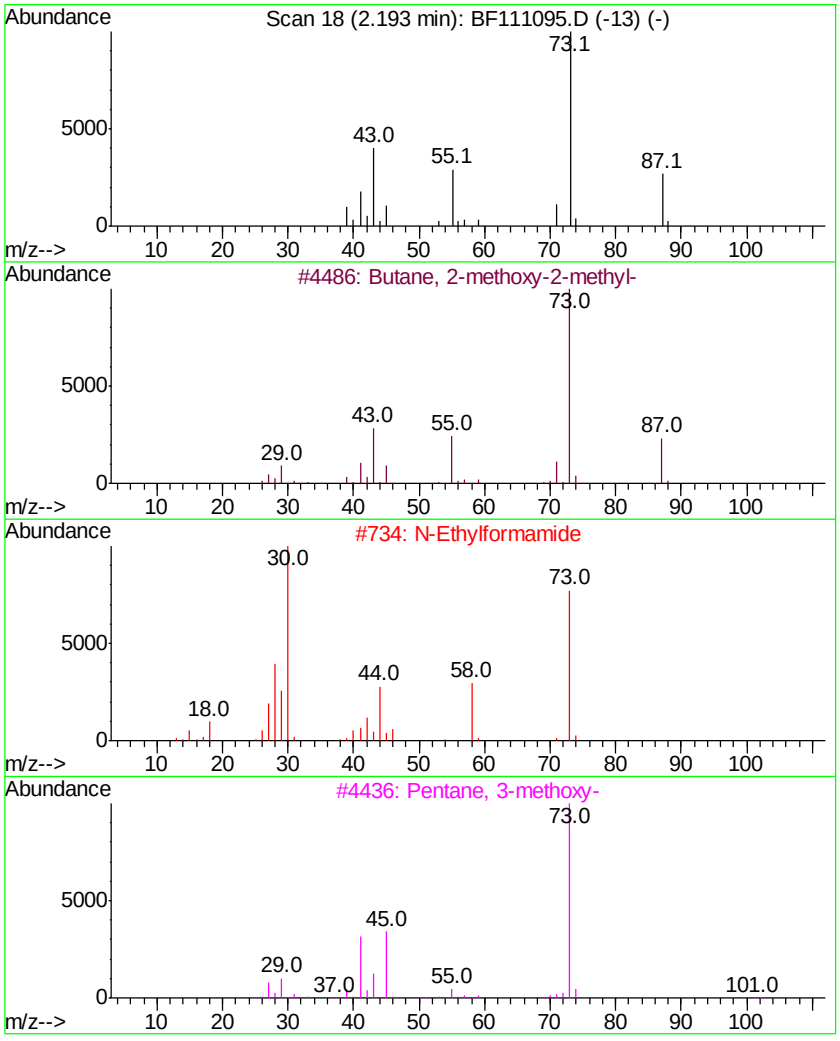
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

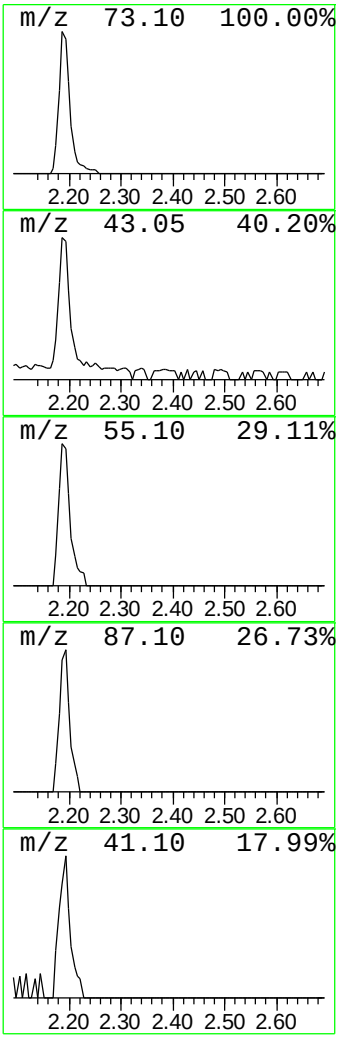
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	3.54 ng	62842	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	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111095.D
Acq On : 29 Nov 2018 17:25
Operator : JU/SJ
Sample : J5767-17 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

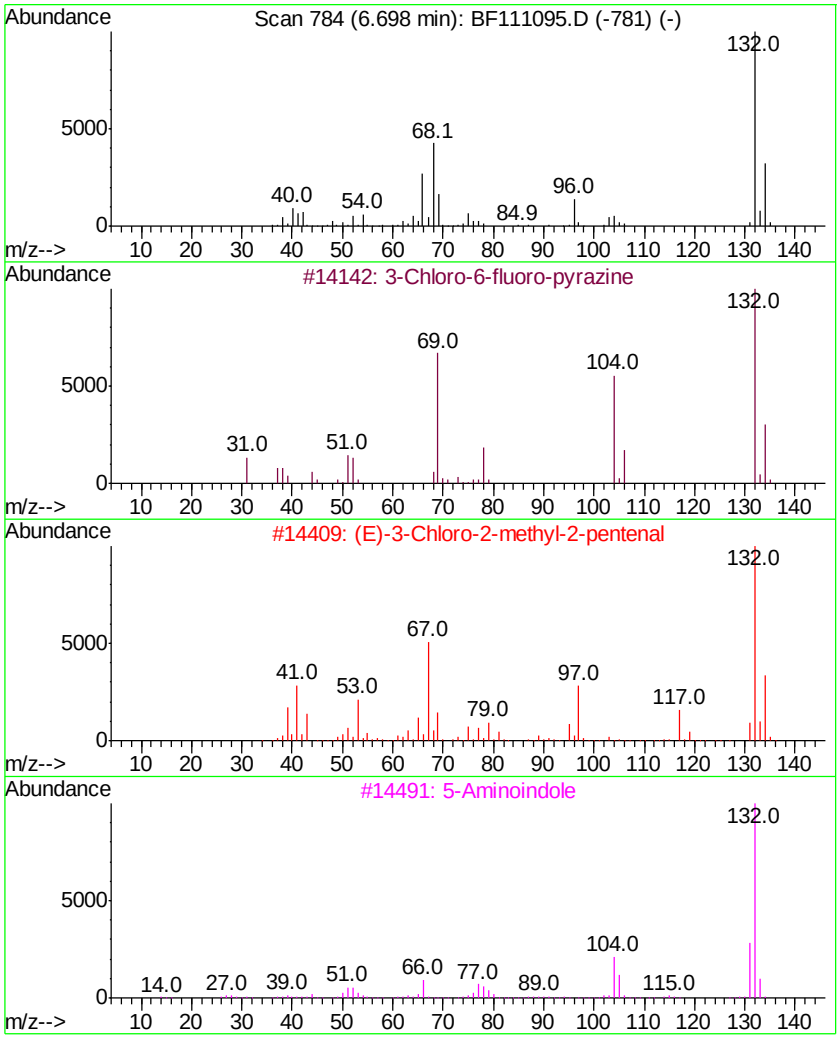
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

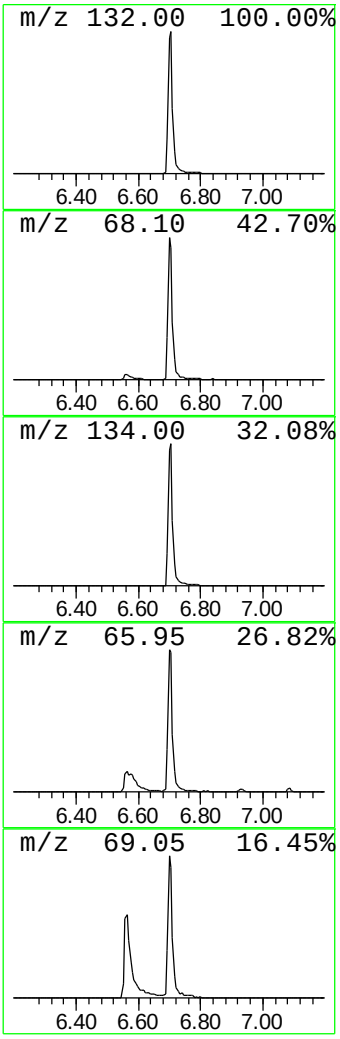
****

Peak Number 2 unknown6.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	37.25 ng	662181	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111095.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

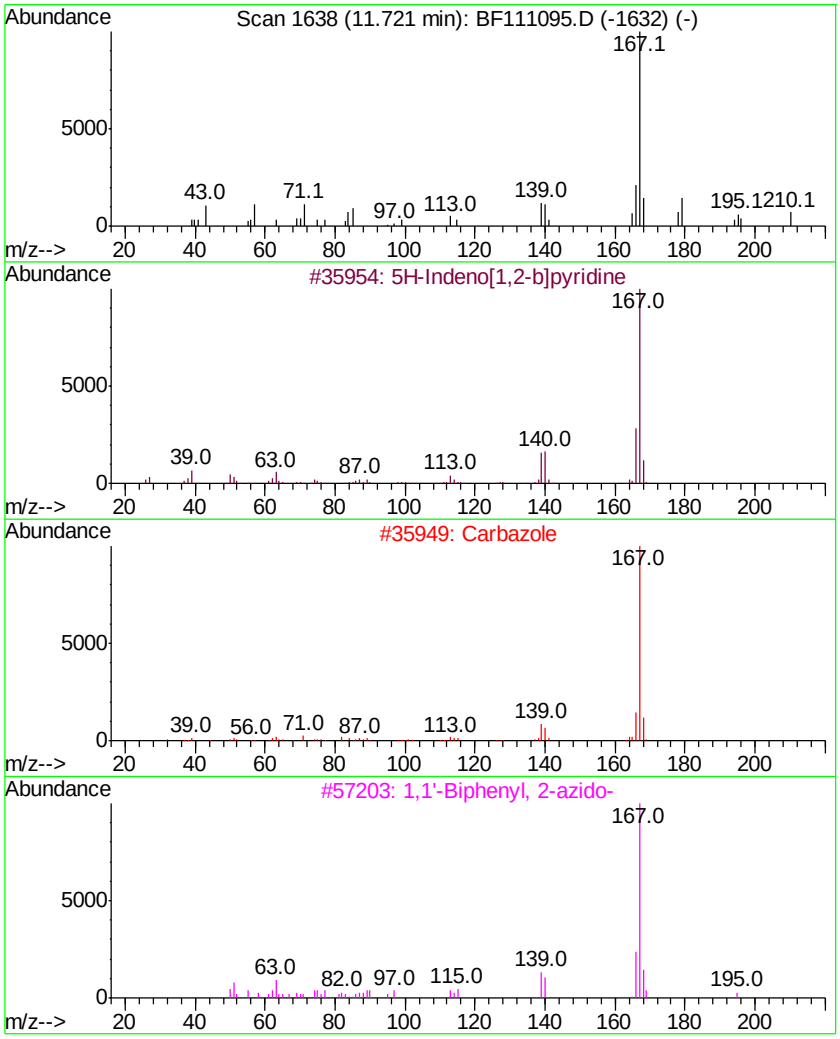
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

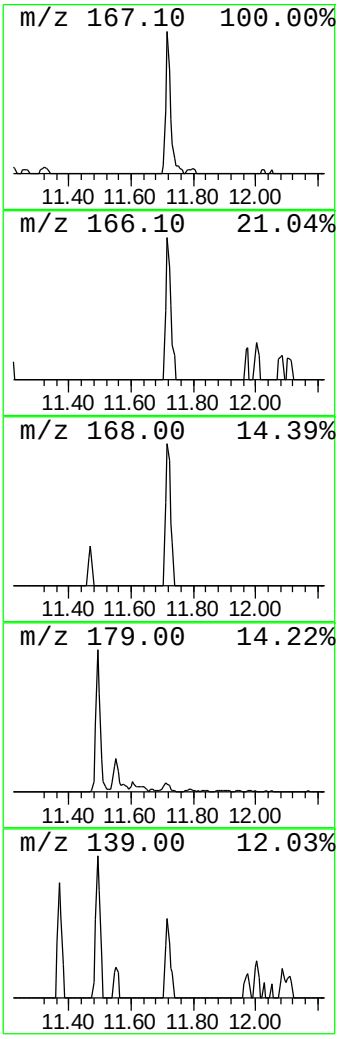
****

Peak Number 4 5H-Indeno[1,2-b]pyridine Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	2.04 ng	43489	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	72
2	Carbazole	167	C12H9N	000086-74-8	72
3	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	72
4	2-Azafluorene	167	C12H9N	000244-40-6	64
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	64





Library Search Compound Report

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Sample : J5767-17 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

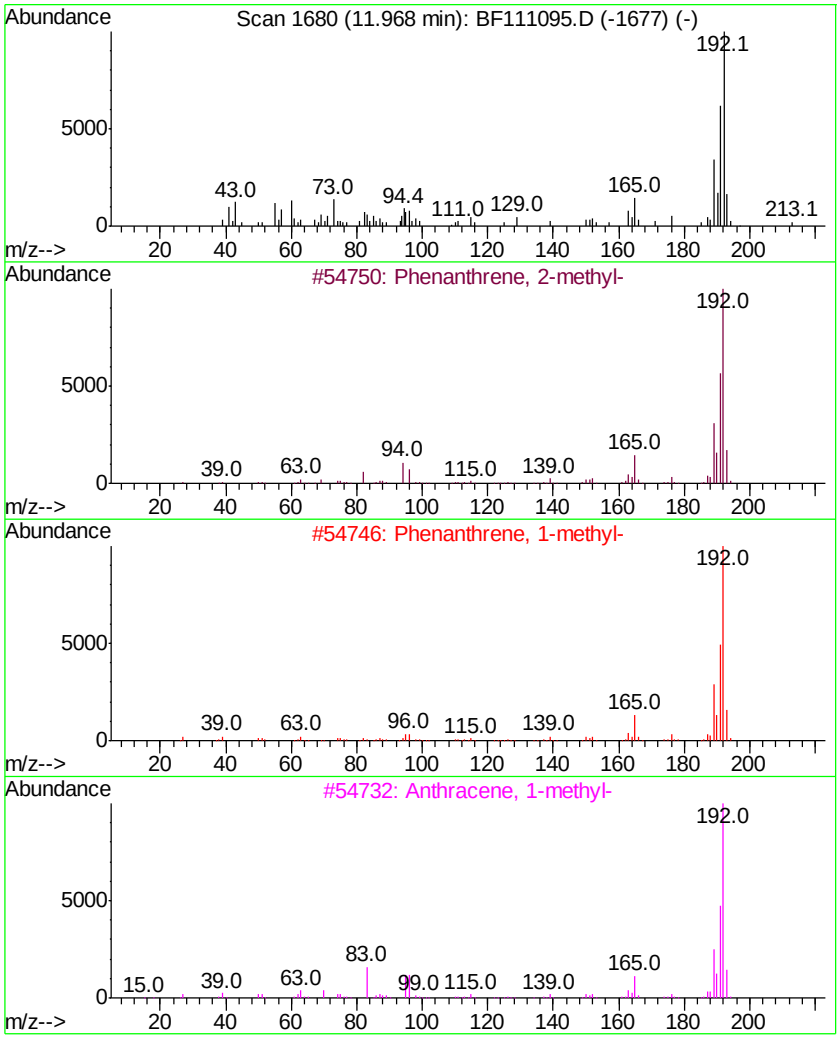
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

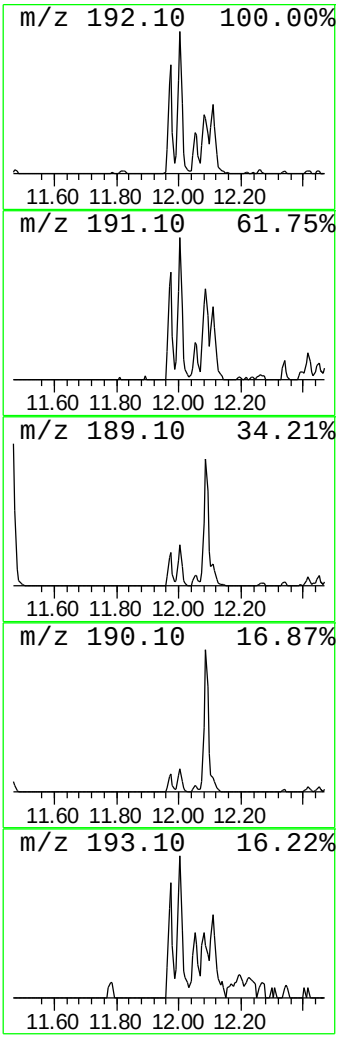
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	4.52 ng	96525	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, 1-methyl-	192	C15H12	000610-48-0	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
Data File : BF111095.D
Acq On : 29 Nov 2018 17:25
Operator : JU/SJ
Sample : J5767-17 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

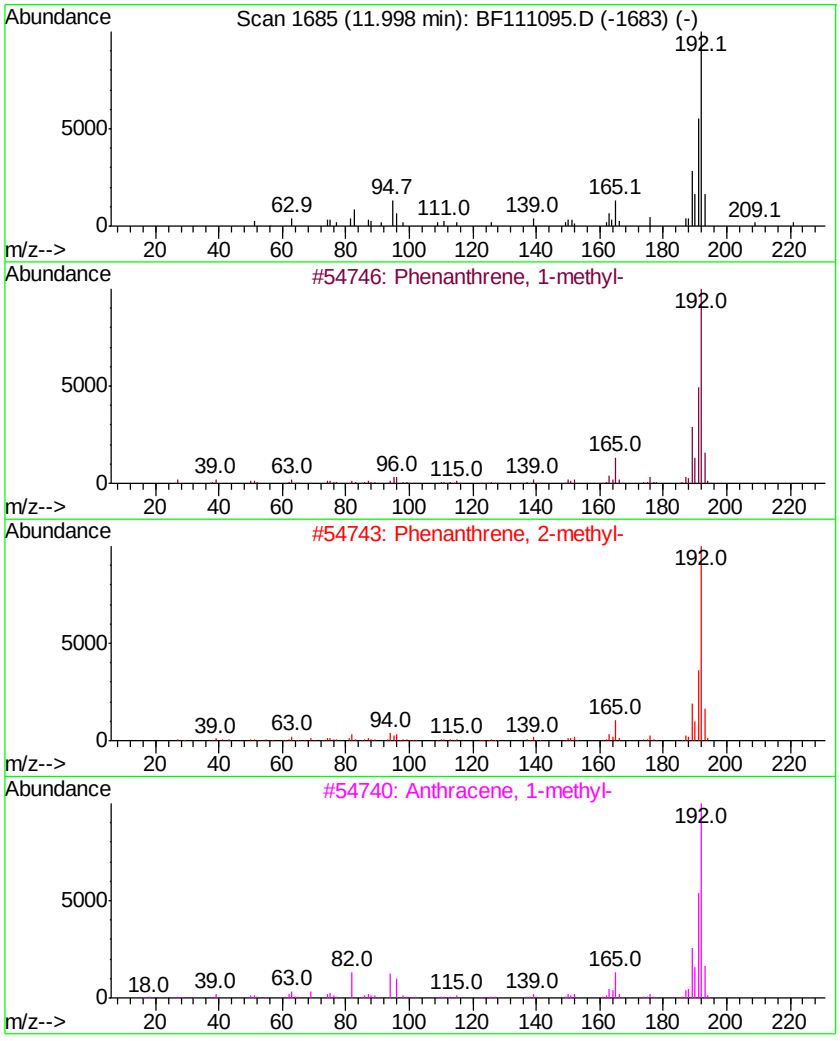
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

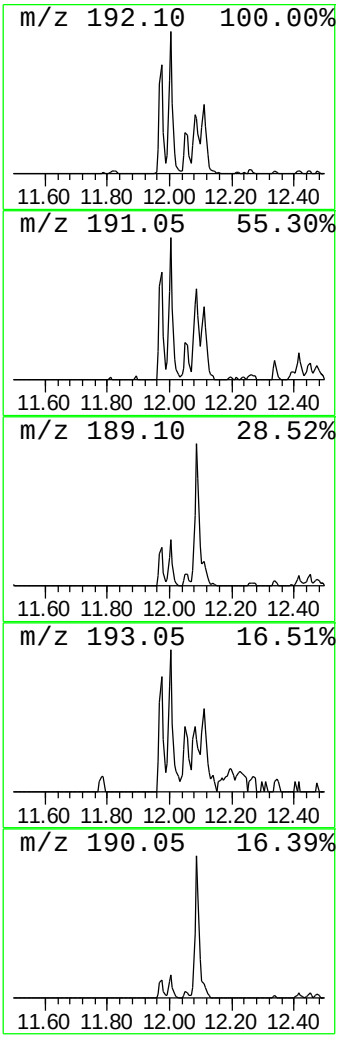
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	4.38 ng	93526	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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Data File : BF111095.D
Acq On : 29 Nov 2018 17:25
Operator : JU/SJ
Sample : J5767-17 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

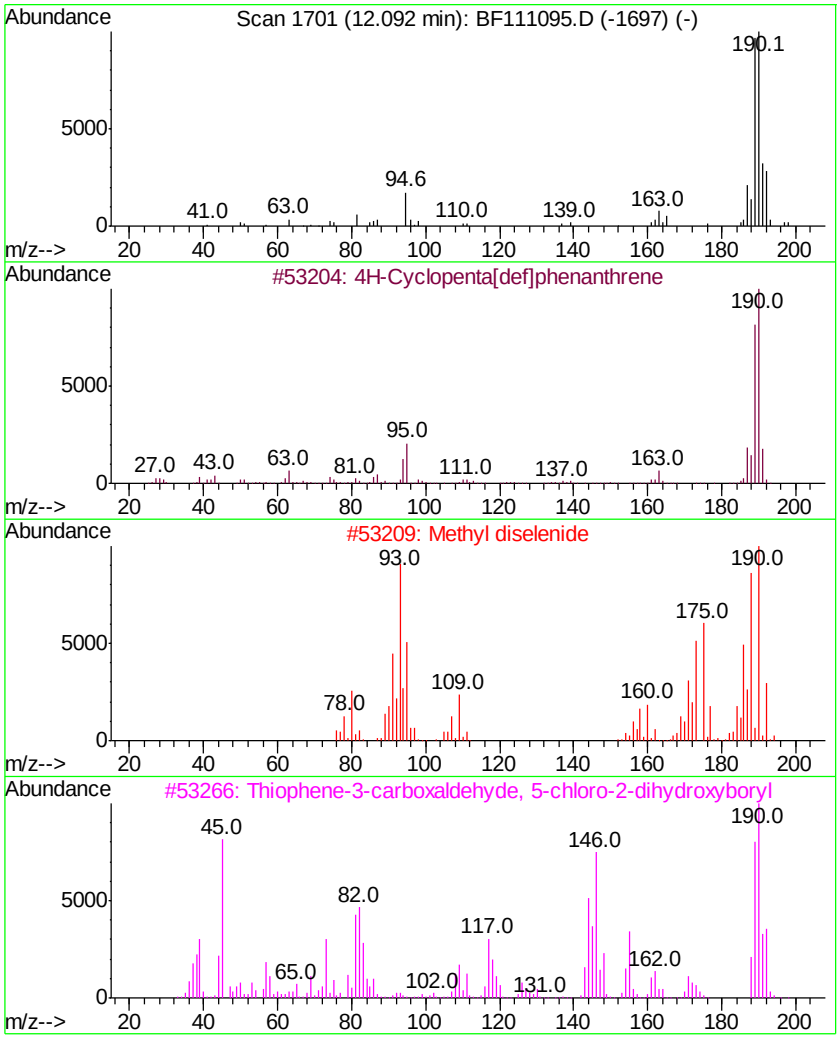
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

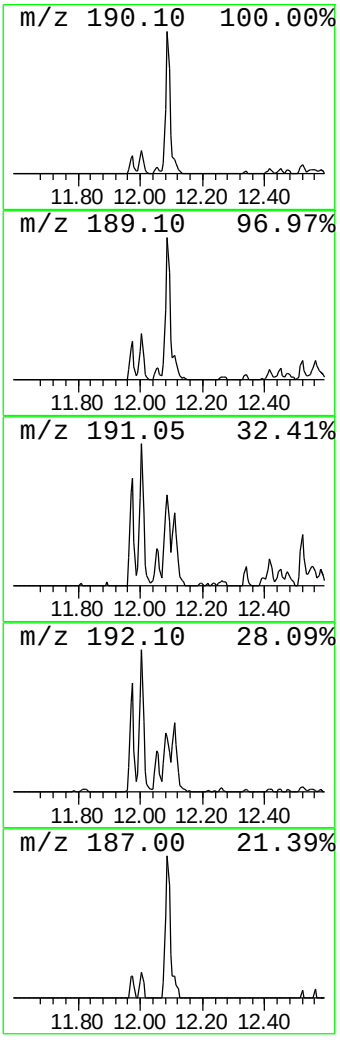
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	6.20 ng	132255	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Sample : J5767-17 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

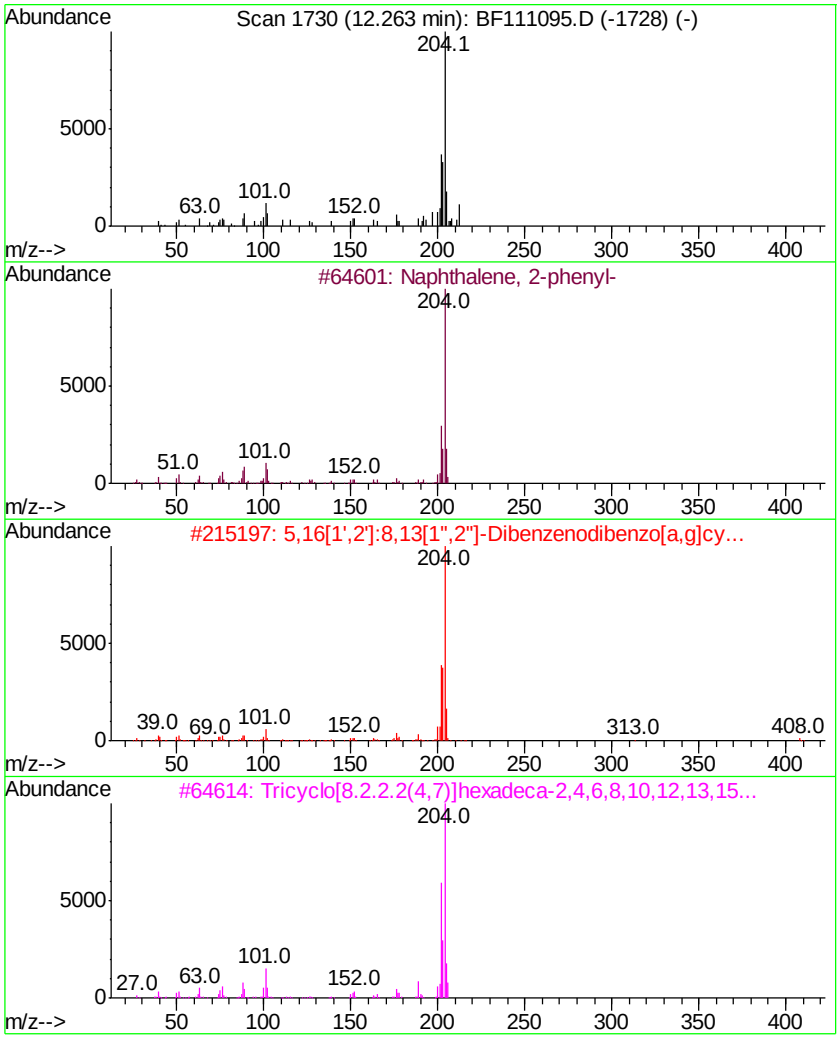
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

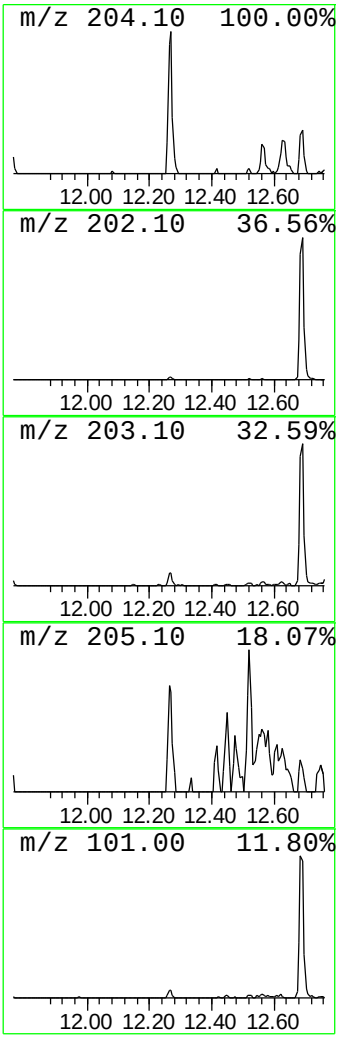
****

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	2.18 ng	46459	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53





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Instrument : BNA_F
ClientSampleId : CL-02-112818-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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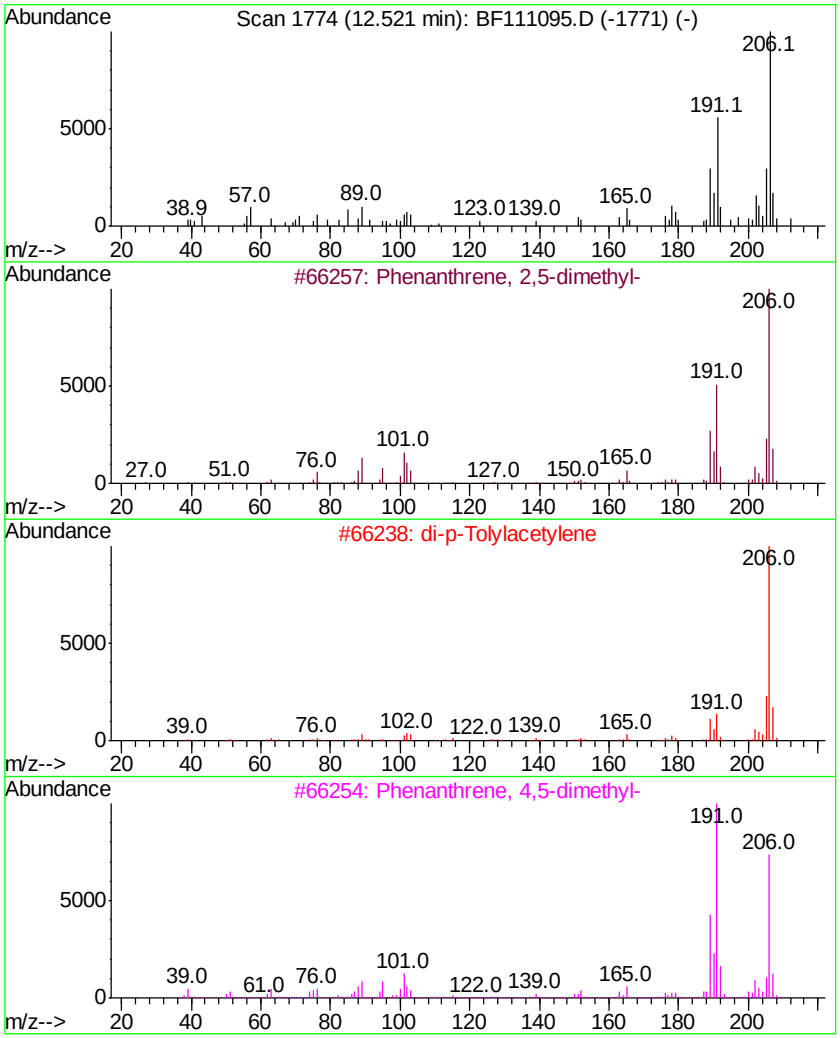
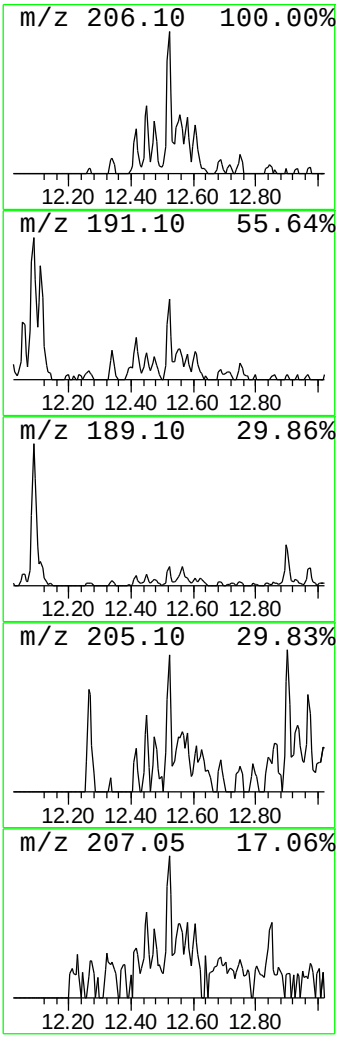
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	2.47 ng	52621	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	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
4	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	86
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	81





Library Search Compound Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

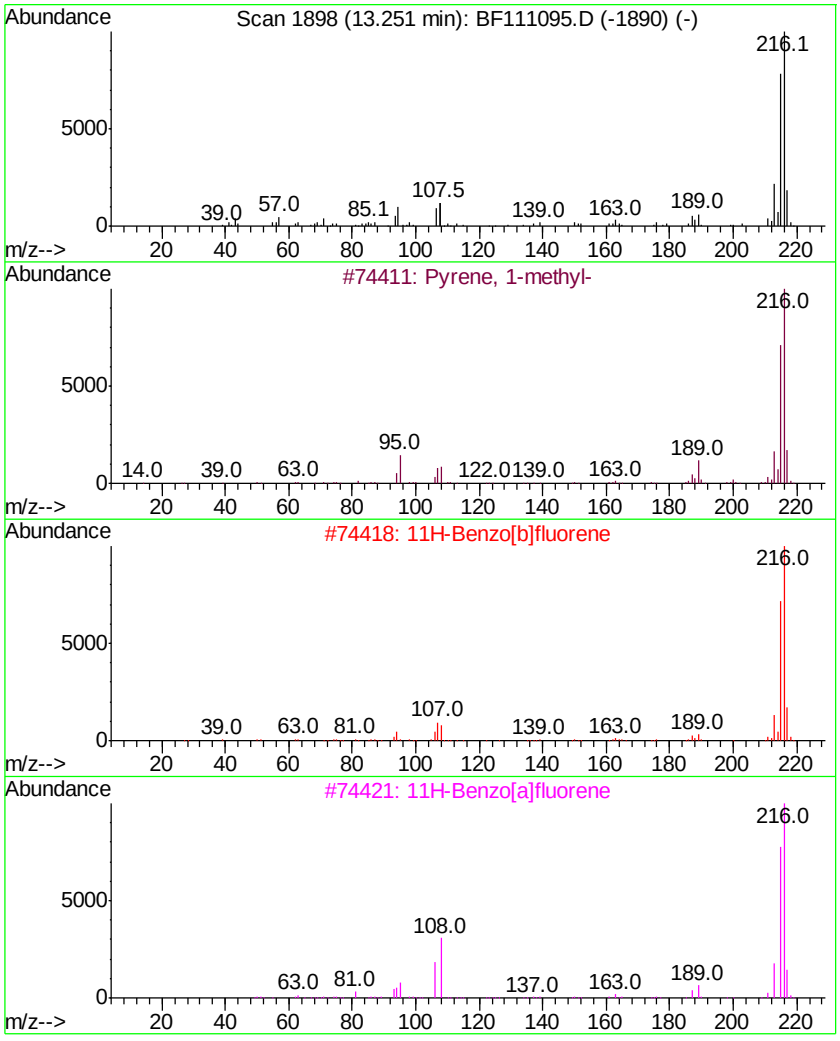
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

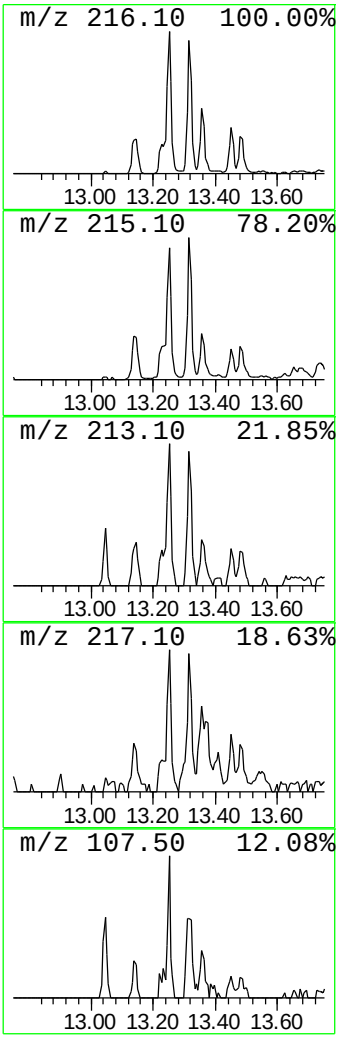
****

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	3.91 ng	154934	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87





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Operator : JU/SJ
Sample : J5767-17 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-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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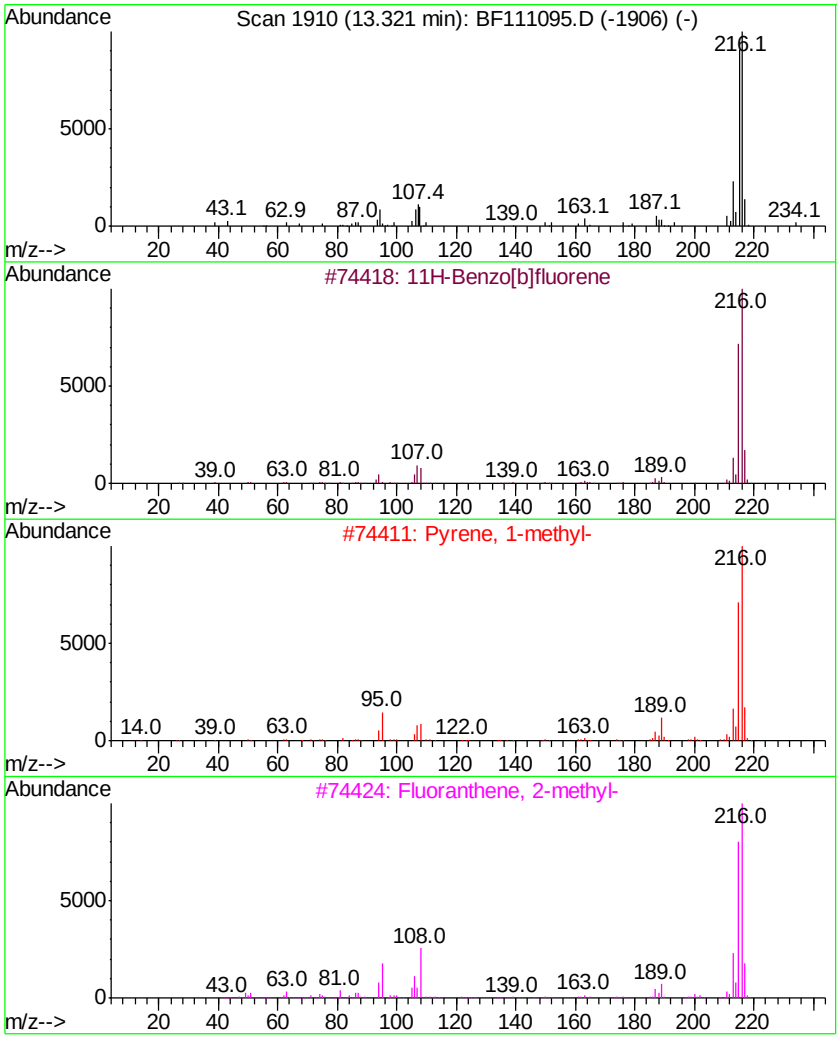
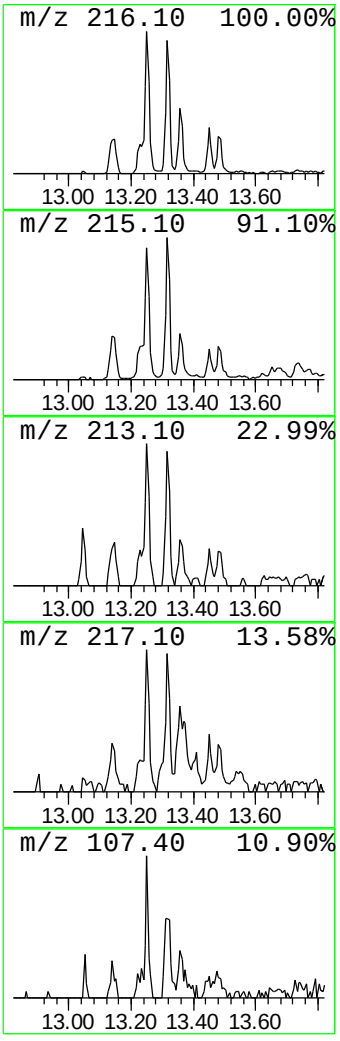
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	2.39 ng	94589	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





Library Search Compound Report

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Acq On : 29 Nov 2018 17:25
Operator : JU/SJ
Sample : J5767-17 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-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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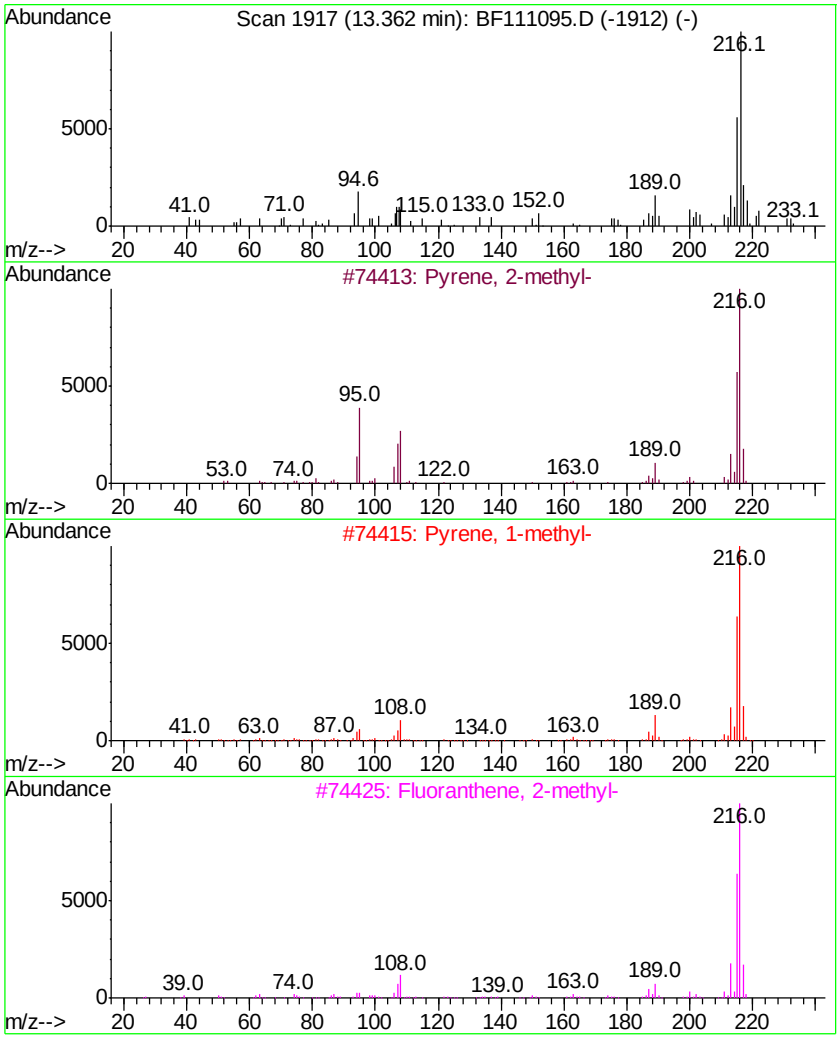
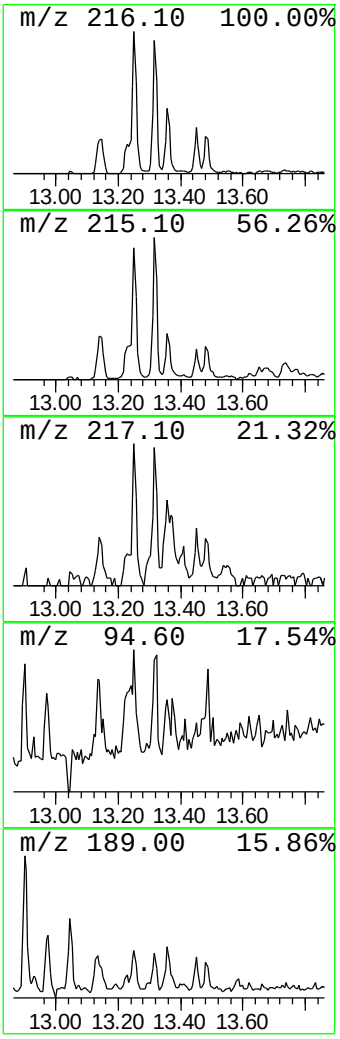
Peak Number 12 Pyrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	2.44 ng	96680	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	74





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Operator : JU/SJ
Sample : J5767-17 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-112818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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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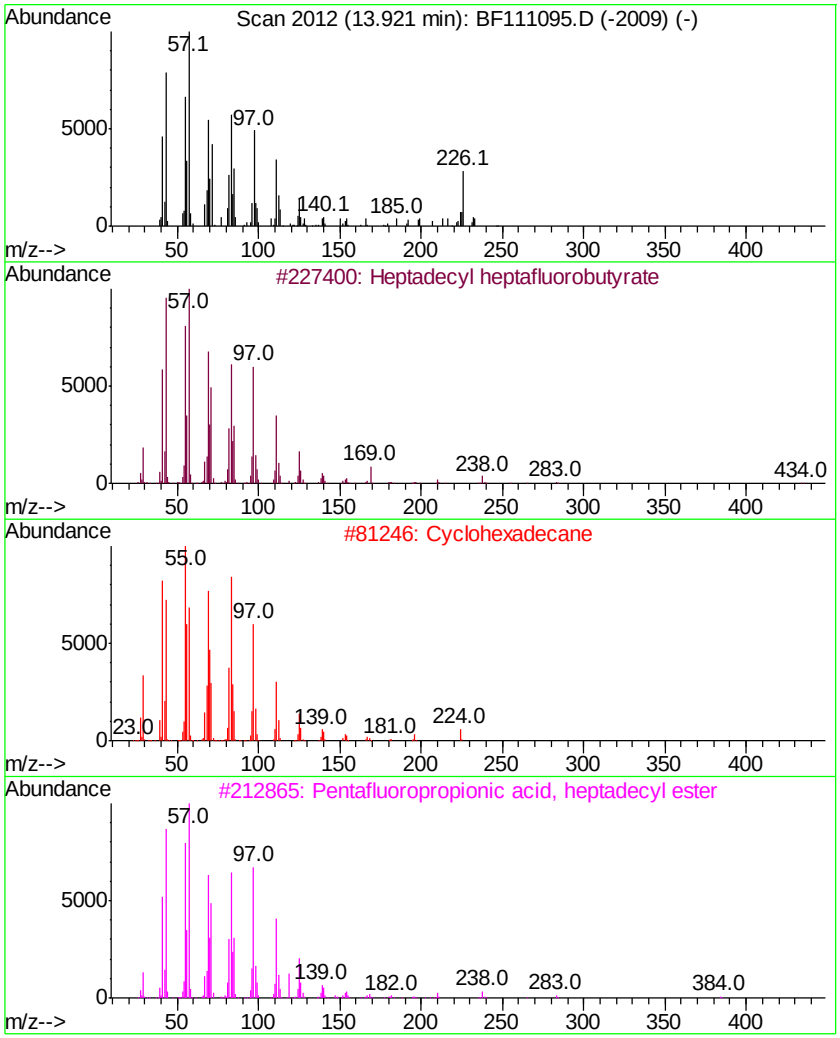
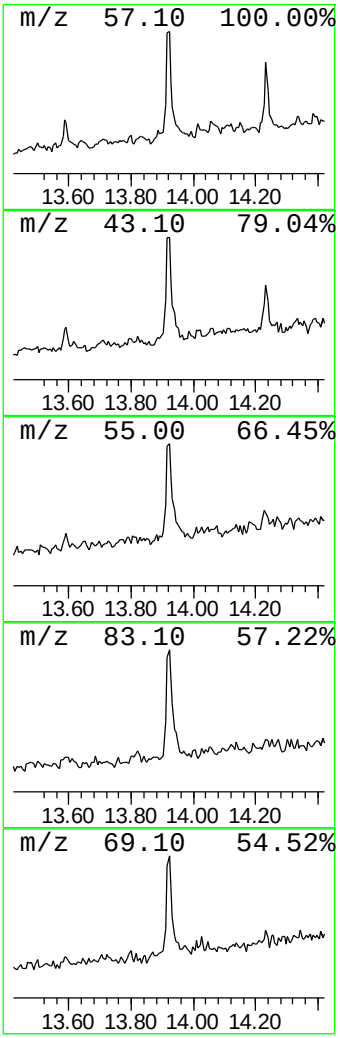
Peak Number 13 Heptadecyl heptafluorobutyrate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	4.22 ng	167101	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
2	Cyclohexadecane	224	C16H32	000295-65-8	92
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	81
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	81
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	81





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Instrument : BNA_F
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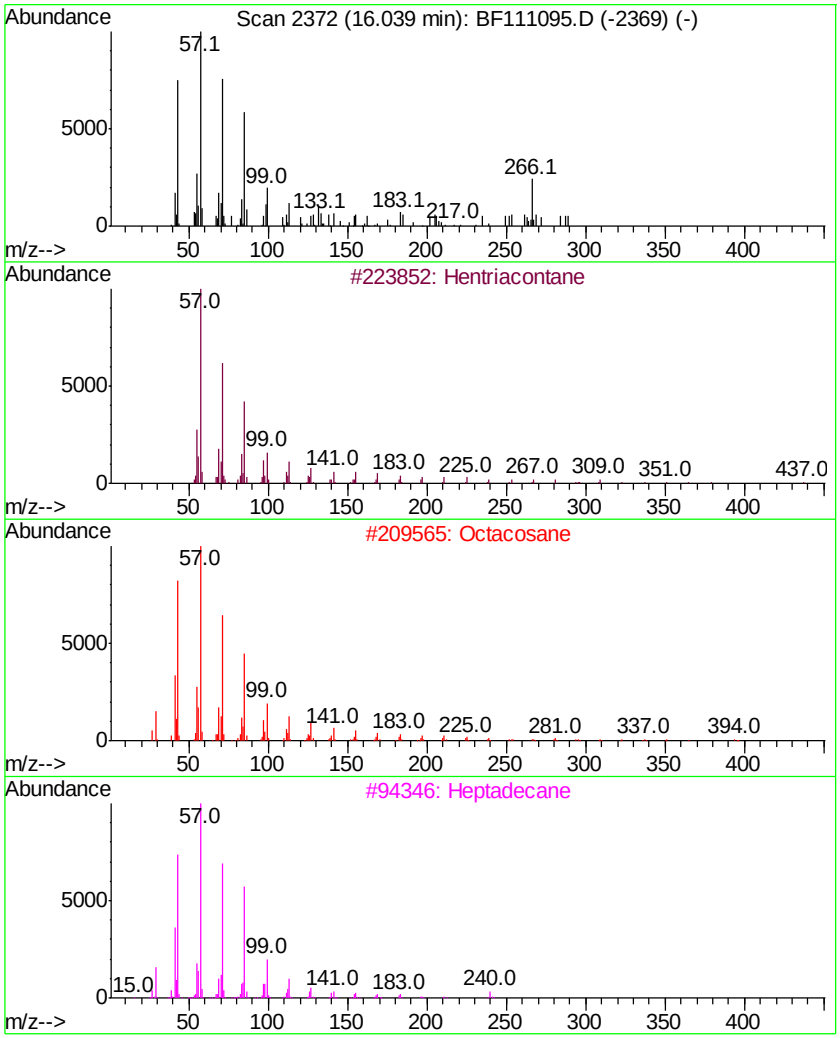
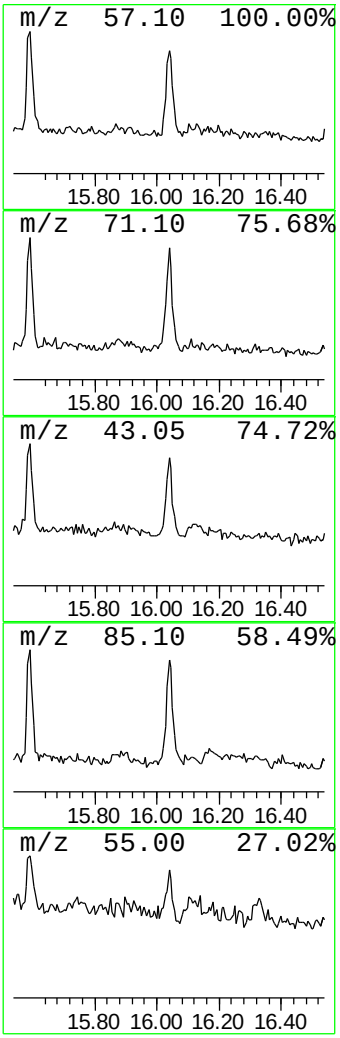
Peak Number 16 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	4.41 ng	71419	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	58
2	Octacosane	394	C28H58	000630-02-4	53
3	Heptadecane	240	C17H36	000629-78-7	53
4	Heneicosane	296	C21H44	000629-94-7	53
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	52





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Instrument : BNA_F
ClientSampleId : CL-02-112818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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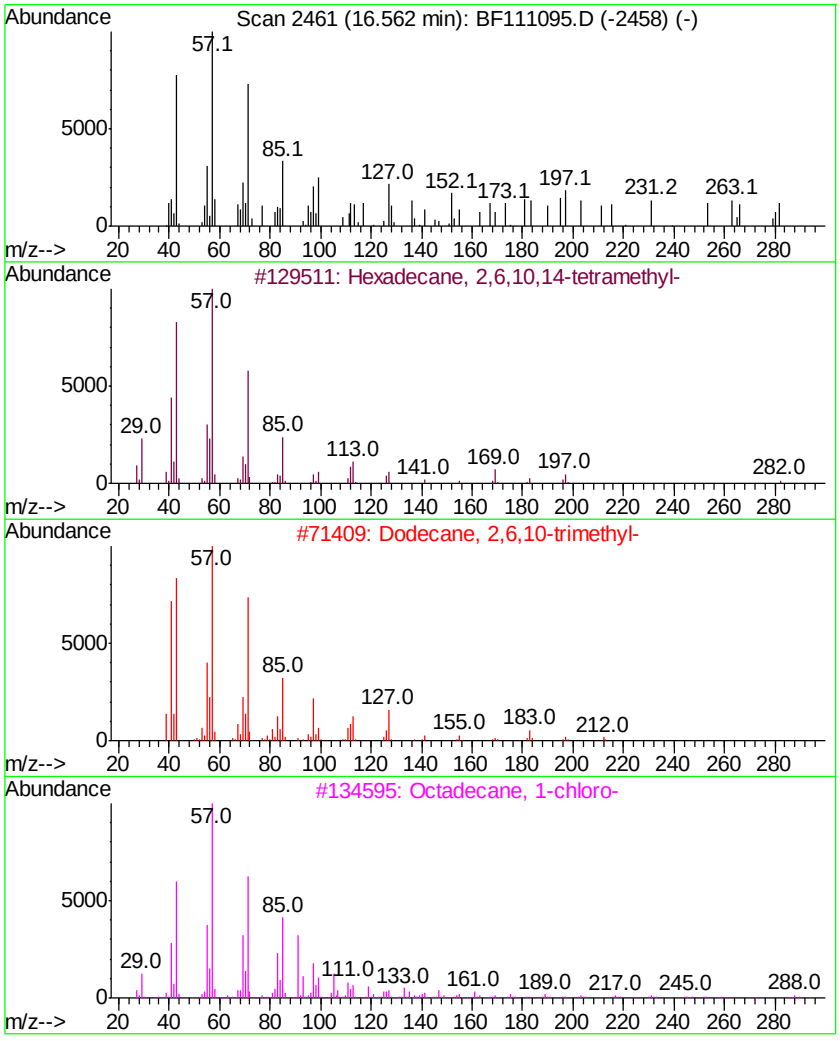
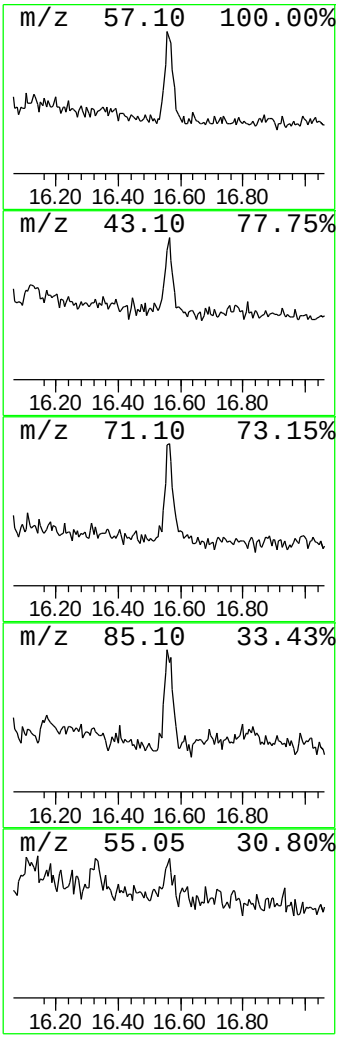
Peak Number 17 Hexadecane, 2,6,10,14-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	2.08 ng	33591	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	47
4	Heptacosane	380	C27H56	000593-49-7	47
5	Hexacosane	366	C26H54	000630-01-3	47





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TIC Integration Parameters: LSCINT.P

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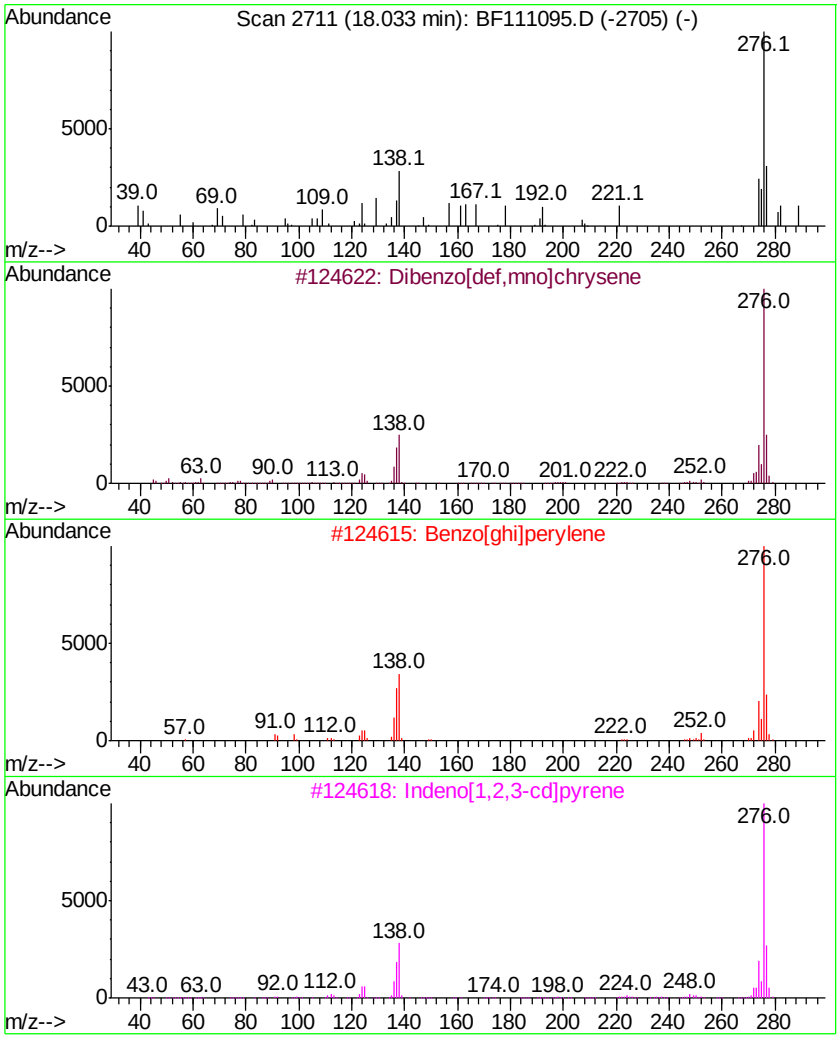
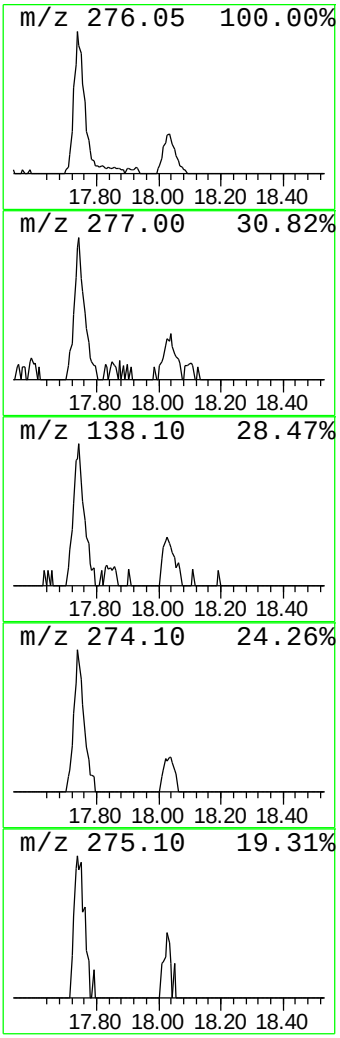
Peak Number 18 Dibenzo[def,mno]chrysene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	2.31 ng	37349	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	58
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	58
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	52
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	42
5	Oxalic acid, diamide, N,N'-bis(4...	276	C14H10F2N2O2	1000309-42-9	37





Tentatively Identified Compound (LSC) summary

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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...	2.19	3.5	ng	62842	1	6.93	355488	20.0
unknown6.70	6.70	37.3	ng	662181	1	6.93	355488	20.0
5H-Indeno[1,2-b]p...	11.72	2.0	ng	43489	4	11.47	426800	20.0
Phenanthrene, 2-m...	11.97	4.5	ng	96525	4	11.47	426800	20.0
Phenanthrene, 1-m...	12.00	4.4	ng	93526	4	11.47	426800	20.0
4H-Cyclopenta[def...	12.09	6.2	ng	132255	4	11.47	426800	20.0
Naphthalene, 2-ph...	12.26	2.2	ng	46459	4	11.47	426800	20.0
Phenanthrene, 2,5...	12.52	2.5	ng	52621	4	11.47	426800	20.0
Pyrene, 1-methyl-	13.25	3.9	ng	154934	5	14.13	791620	20.0
11H-Benzo[b]fluorene	13.32	2.4	ng	94589	5	14.13	791620	20.0
Pyrene, 2-methyl-	13.36	2.4	ng	96680	5	14.13	791620	20.0
Heptadecyl heptaf...	13.92	4.2	ng	167101	5	14.13	791620	20.0
Hentriacontane	16.04	4.4	ng	71419	6	15.66	323736	20.0
Hexadecane, 2,6,1...	16.56	2.1	ng	33591	6	15.66	323736	20.0
Dibenzo[def,mno]c...	18.03	2.3	ng	37349	6	15.66	323736	20.0