LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109039.D
Acq On : 17 Sep 2018 11:09
Operator : JU/SJ
Sample : J4773-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-091418-B

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-BF091418.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	4.907	431	437	447	rBV	112724	153466	3.35%	0.199%
2	5.325	503	508	511	rBV	2758512	2780026	60.70%	3.609%
3	6.354	678	683	689	rBV	2941625	2971674	64.89%	3.858%
4	6.490	701	706	709	rBV	3159319	2966195	64.77%	3.851%
5	6.719	741	745	748	rBV	1069358	817759	17.86%	1.062%
6	6.878	768	772	775	rBV	2717940	2257870	49.30%	2.931%
7	7.278	831	840	843	rBV	2127059	1907189	41.64%	2.476%
8	8.001	959	963	965	rBV	1181298	1037391	22.65%	1.347%
9	8.019	965	966	969	rVB	235694	140692	3.07%	0.183%
10	8.713	1079	1084	1087	rVB	109723	107623	2.35%	0.140%
11	9.078	1142	1146	1149	rBV	3460035	2938595	64.16%	3.815%
12	9.336	1186	1190	1194	rBV	71957	96995	2.12%	0.126%
13	9.407	1199	1202	1205	rVV	127786	127545	2.78%	0.166%
14	9.466	1209	1212	1215	rVV	398361	316289	6.91%	0.411%
15	9.607	1233	1236	1243	rVB	157666	127565	2.79%	0.166%
16	9.748	1254	1260	1263	rBV	1217147	1048456	22.89%	1.361%
17	9.778	1263	1265	1269	rVB	430732	331043	7.23%	0.430%
18	9.948	1291	1294	1299	rBV	268307	256192	5.59%	0.333%
19	10.289	1349	1352	1359	rBV	519652	466667	10.19%	0.606%
20	10.360	1359	1364	1365	rBV2	77664	95311	2.08%	0.124%
21	10.448	1377	1379	1385	rVB	149508	142244	3.11%	0.185%
22	10.531	1389	1393	1398	rVV	2083140	1871463	40.86%	2.430%
23	10.654	1408	1414	1417	rBV4	80583	109896	2.40%	0.143%
24	10.836	1440	1445	1448	rBV3	130745	169259	3.70%	0.220%
25	11.030	1475	1478	1483	rVB	97986	119263	2.60%	0.155%
26	11.078	1483	1486	1489	rBV2	93443	102523	2.24%	0.133%
27	11.119	1489	1493	1496	rBV	221114	188091	4.11%	0.244%
28	11.225	1507	1511	1513	rBV	1028208	966104	21.09%	1.254%
29	11.254	1513	1516	1519	rVV	3198208	2771251	60.51%	3.598%
30	11.301	1519	1524	1527	rVB	1117398	942222	20.57%	1.223%
31	11.448	1544	1549	1552	rBV	198066	207736	4.54%	0.270%
32	11.554	1564	1567	1572	rVB3	98487	103167	2.25%	0.134%
33	11.636	1578	1581	1585	rVB	295005	244598	5.34%	0.318%
34	11.725	1593	1596	1598	rBV	476481	382344	8.35%	0.496%

LSC Area Percent Report

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Sample : J4773-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-091418-B

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-BF091418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.754	1598	1601	1602	rVV	702858	597784	13.05%	0.776%
36	11.772	1602	1604	1606	rVV	556262	454246	9.92%	0.590%
37	11.801	1606	1609	1612	rVV	295514	302770	6.61%	0.393%
38	11.836	1612	1615	1617	rVV	1021796	968161	21.14%	1.257%
39	11.854	1617	1618	1623	rVB	298961	242409	5.29%	0.315%
40	12.019	1643	1646	1648	rBV	363419	306868	6.70%	0.398%
41	12.036	1648	1649	1654	rVB2	214415	157986	3.45%	0.205%
42	12.172	1666	1672	1674	rBV2	114523	143112	3.12%	0.186%
43	12.272	1685	1689	1692	rBV	259447	288519	6.30%	0.375%
44	12.313	1692	1696	1698	rBV2	285455	301676	6.59%	0.392%
45	12.336	1698	1700	1703	rBV2	457825	405005	8.84%	0.526%
46	12.442	1712	1718	1721	rBV	4163584	4409057	96.27%	5.724%
47	12.483	1721	1725	1730	rVV3	148426	248253	5.42%	0.322%
48	12.554	1734	1737	1740	rVV2	335948	431451	9.42%	0.560%
49	12.577	1740	1741	1747	rVV	188306	209712	4.58%	0.272%
50	12.666	1750	1756	1759	rVV2	3712823	4579855	100.00%	5.946%
51	12.707	1761	1763	1769	rVB2	209549	250370	5.47%	0.325%
52	12.777	1772	1775	1777	rBV	312666	255314	5.57%	0.331%
53	12.807	1777	1780	1787	rVB	2636768	2512471	54.86%	3.262%
54	12.883	1787	1793	1795	rBV3	317616	518142	11.31%	0.673%
55	12.966	1804	1807	1808	rVV2	263843	271141	5.92%	0.352%
56	12.989	1808	1811	1814	rVB	904292	804177	17.56%	1.044%
57	13.054	1819	1822	1825	rBV	848573	693239	15.14%	0.900%
58	13.089	1825	1828	1831	rBV	505598	428839	9.36%	0.557%
59	13.183	1841	1844	1846	rVB	222836	200032	4.37%	0.260%
60	13.213	1846	1849	1855	rBV2	275949	303569	6.63%	0.394%
61	13.283	1858	1861	1871	rVB6	107181	206470	4.51%	0.268%
62	13.366	1872	1875	1877	rBV2	91084	124478	2.72%	0.162%
63	13.489	1889	1896	1901	rBV2	224565	464377	10.14%	0.603%
64	13.601	1911	1915	1918	rBV2	383410	466672	10.19%	0.606%
65	13.630	1918	1920	1922	rVV	400900	336109	7.34%	0.436%
66	13.654	1922	1924	1928	rVV2	316196	473338	10.34%	0.615%
67	13.695	1928	1931	1933	rVV2	246727	239559	5.23%	0.311%
68	13.724	1933	1936	1942	rVV2	170192	230926	5.04%	0.300%
69	13.848	1950	1957	1960	rBV2	2786743	3852034	84.11%	5.001%
70	13.883	1960	1963	1968	rVB	2072007	2087610	45.58%	2.710%
71	13.960	1971	1976	1978	rVV	546263	538039	11.75%	0.699%

LSC Area Percent Report

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Sample : J4773-03
Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-091418-B

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.989	1978	1981	1983	rVV	213697	211926	4.63%	0.275%
73	14.036	1986	1989	1991	rVV2	334138	316040	6.90%	0.410%
74	14.071	1991	1995	1999	rVV2	277537	376469	8.22%	0.489%
75	14.171	2009	2012	2015	rVB3	119371	110168	2.41%	0.143%
76	14.201	2015	2017	2019	rBV2	166394	170965	3.73%	0.222%
77	14.236	2019	2023	2026	rVB	481717	502093	10.96%	0.652%
78	14.271	2026	2029	2032	rVB	278981	251463	5.49%	0.326%
79	14.330	2036	2039	2041	rBV2	297758	315126	6.88%	0.409%
80	14.360	2042	2044	2046	rVV	264686	266285	5.81%	0.346%
81	14.377	2046	2047	2051	rVB3	336210	287236	6.27%	0.373%
82	14.413	2051	2053	2055	rBV	100776	110825	2.42%	0.144%
83	14.536	2071	2074	2076	rBV3	100098	141316	3.09%	0.183%
84	14.613	2084	2087	2089	rBV2	131633	149912	3.27%	0.195%
85	14.642	2089	2092	2097	rVB2	335503	405286	8.85%	0.526%
86	14.707	2098	2103	2107	rBV4	231123	383629	8.38%	0.498%
87	14.866	2125	2130	2133	rBV	1803228	2981177	65.09%	3.870%
88	14.960	2142	2146	2150	rVB	894974	974325	21.27%	1.265%
89	15.148	2173	2178	2183	rVB	1106314	1488188	32.49%	1.932%
90	15.207	2183	2188	2193	rBV	1788528	2143892	46.81%	2.783%
91	15.260	2193	2197	2200	rVV	785934	1027886	22.44%	1.334%
92	15.289	2200	2202	2204	rVV	655370	735489	16.06%	0.955%
93	15.313	2204	2206	2211	rVB	538089	548446	11.98%	0.712%
94	15.718	2269	2275	2281	rBV2	485818	837549	18.29%	1.087%
95	15.771	2282	2284	2291	rVB2	146458	217548	4.75%	0.282%
96	16.183	2349	2354	2362	rBV3	276407	554100	12.10%	0.719%
97	16.612	2421	2427	2434	rVB2	693053	1318447	28.79%	1.712%
98	17.012	2489	2495	2506	rBV	442884	938700	20.50%	1.219%
99	17.224	2528	2531	2538	rVB	154317	260027	5.68%	0.338%
100	18.083	2669	2677	2685	rBV	116342	431411	9.42%	0.560%

Sum of corrected areas: 77024398

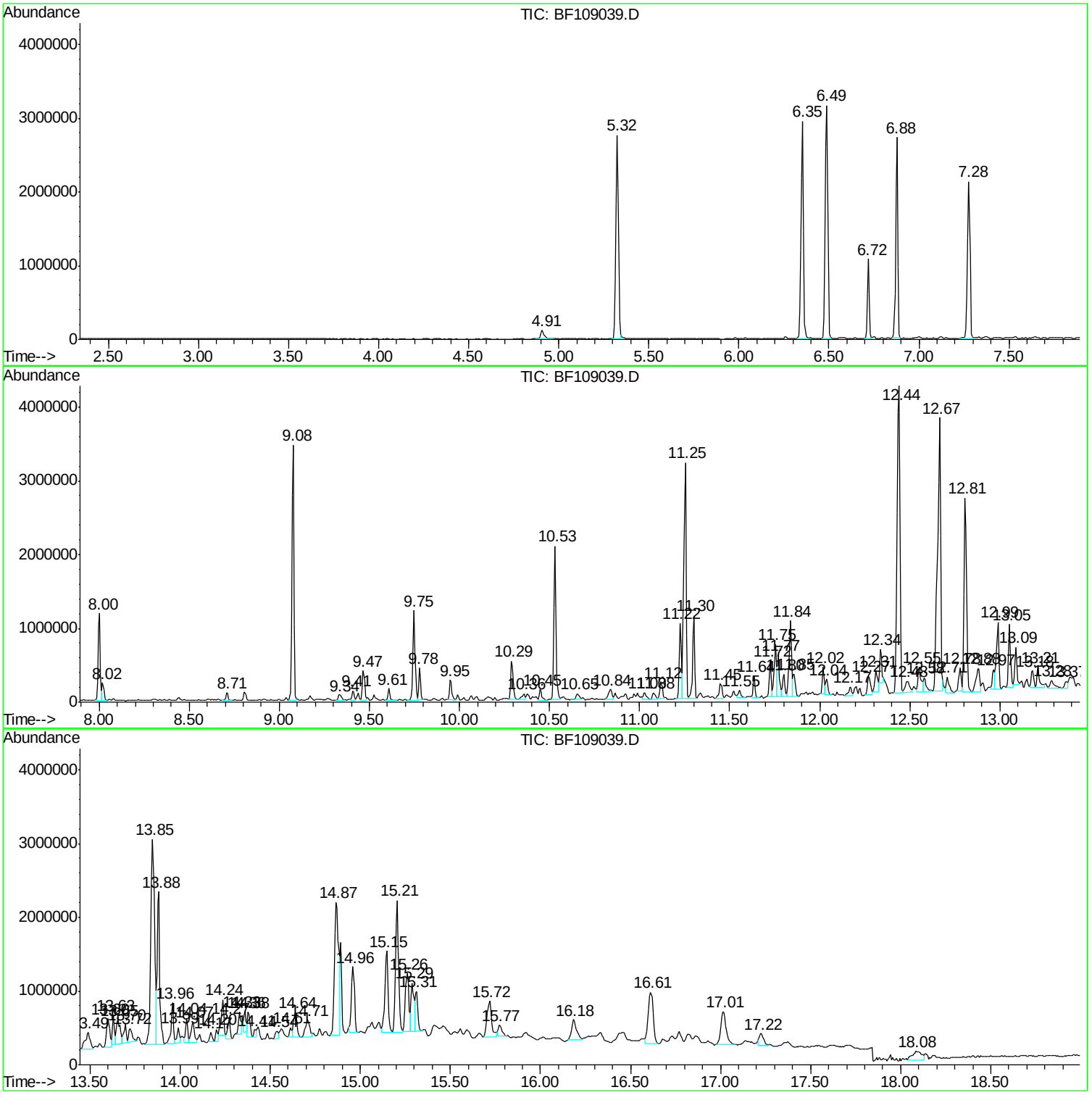
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109039.D
Acq On : 17 Sep 2018 11:09
Operator : JU/SJ
Sample : J4773-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-091418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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\BF091718\
Data File : BF109039.D
Acq On : 17 Sep 2018 11:09
Operator : JU/SJ
Sample : J4773-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-091418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

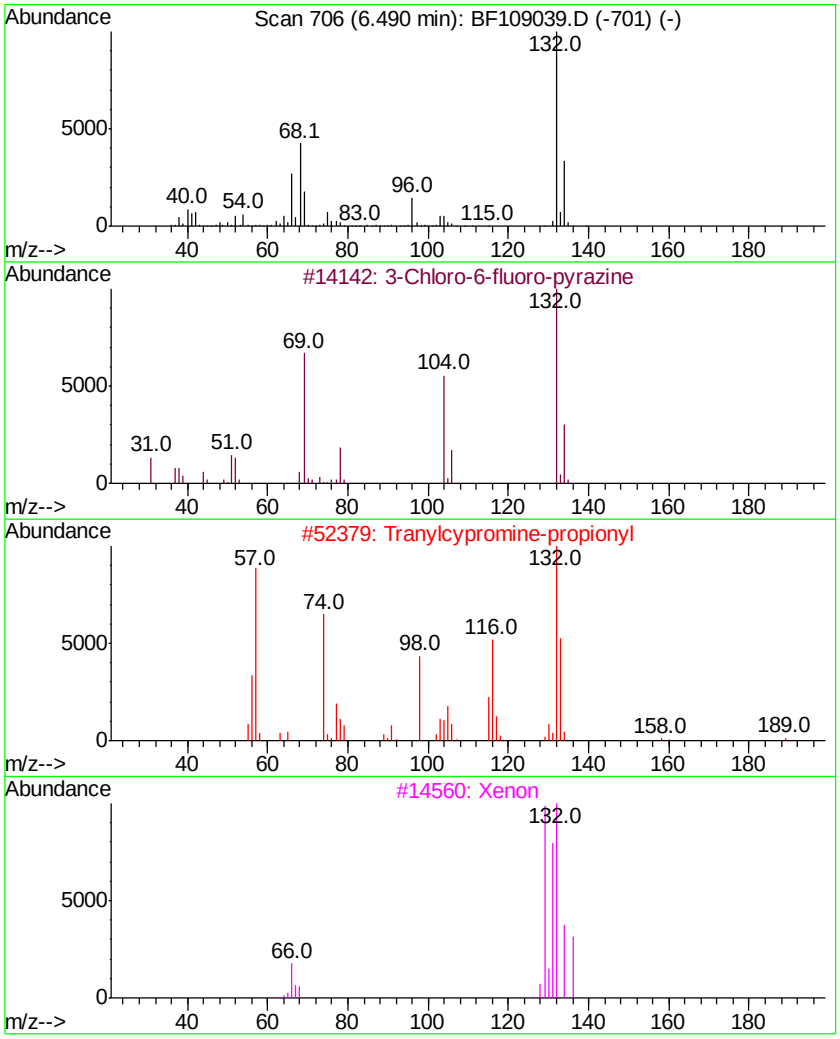
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

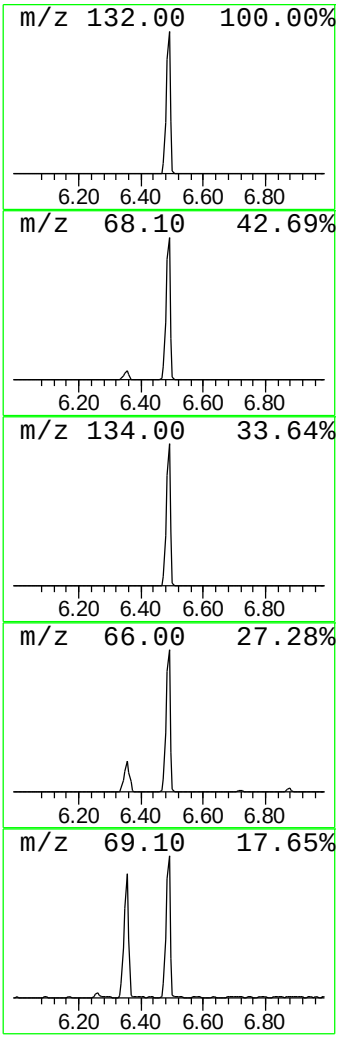
****

Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	72.54 ng	2966200	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Xenon	132	Xe	007440-63-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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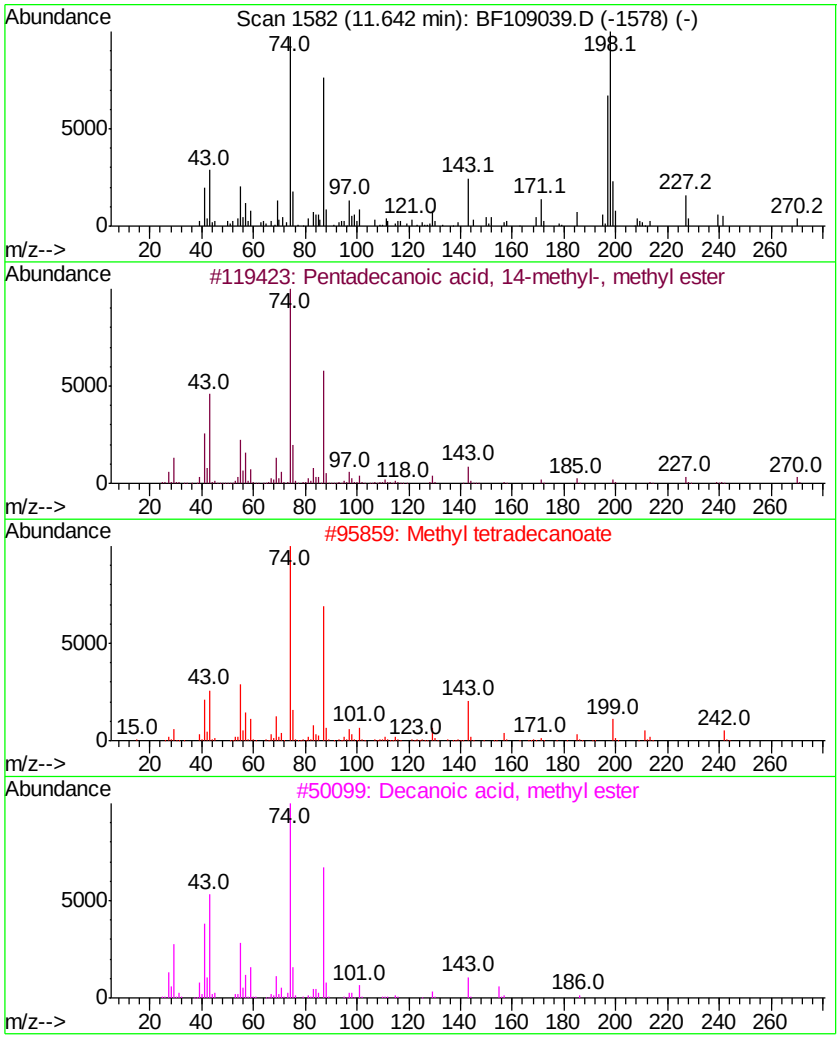
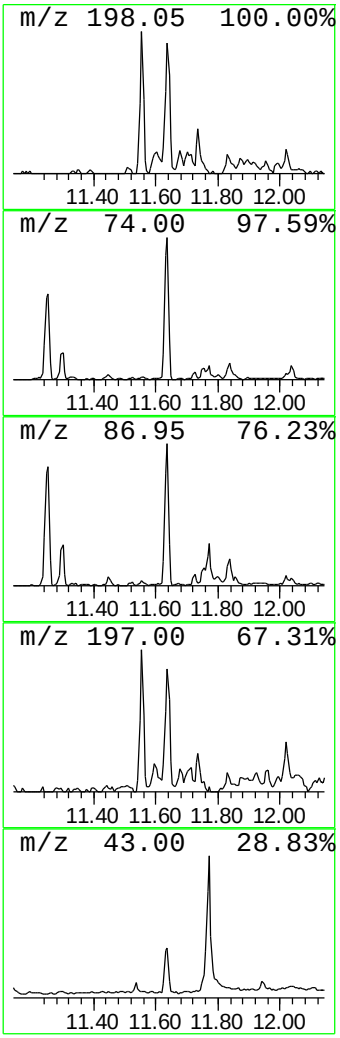
****

Peak Number 3 Pentadecanoic acid, 14-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	5.06 ng	244598	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	76
3	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	76
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	72
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	64





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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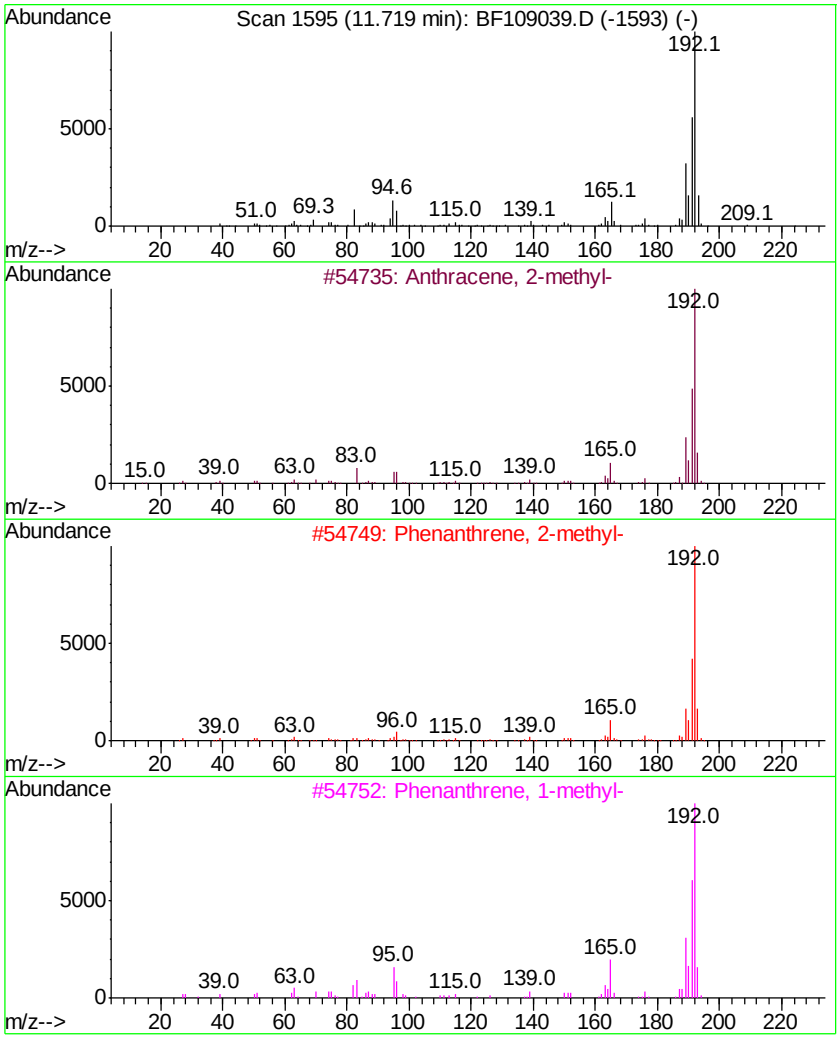
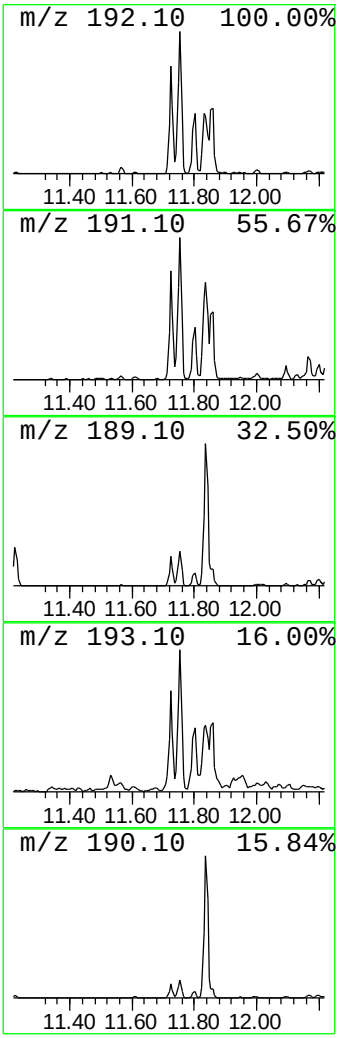
Peak Number 4 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	7.92 ng	382344	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-091418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
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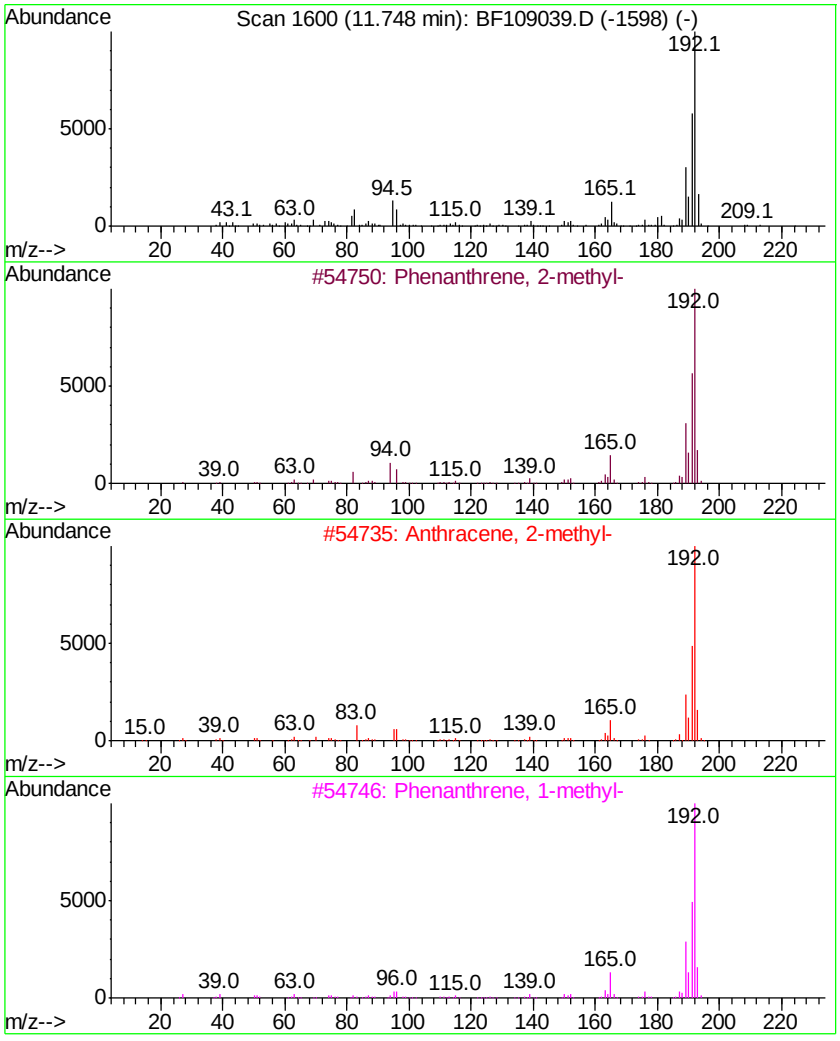
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

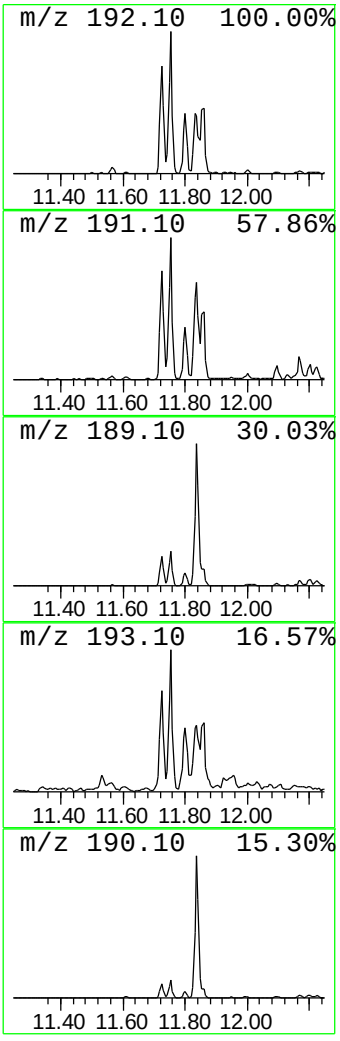
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	12.38 ng	597784	Phenanthrene-d10	11.22

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	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Data File : BF109039.D
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Operator : JU/SJ
Sample : J4773-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-091418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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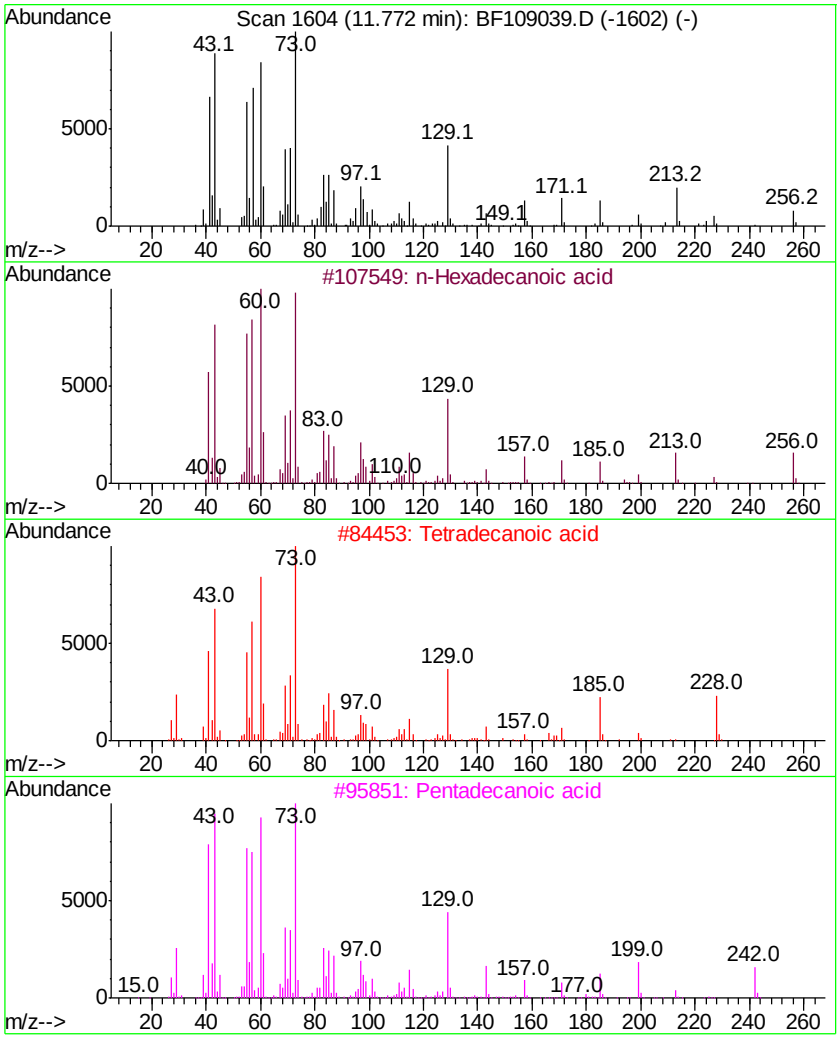
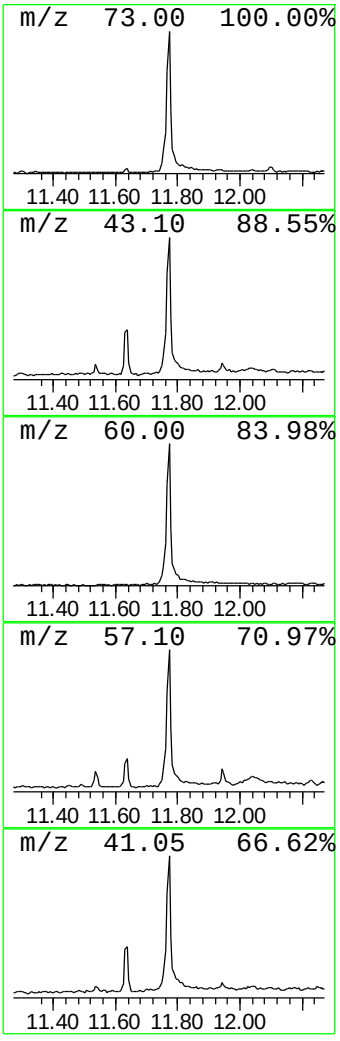
Peak Number 6 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	9.40 ng	454246	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Library Search Compound Report

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Acq On : 17 Sep 2018 11:09
Operator : JU/SJ
Sample : J4773-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-091418-B

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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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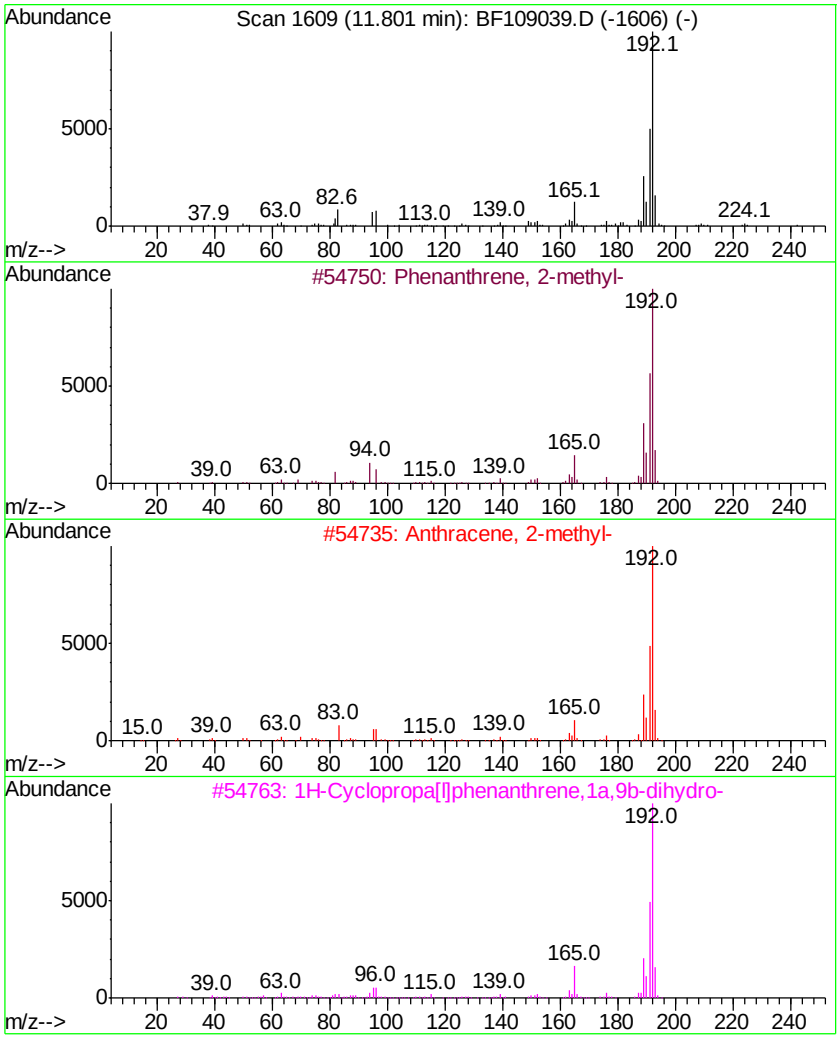
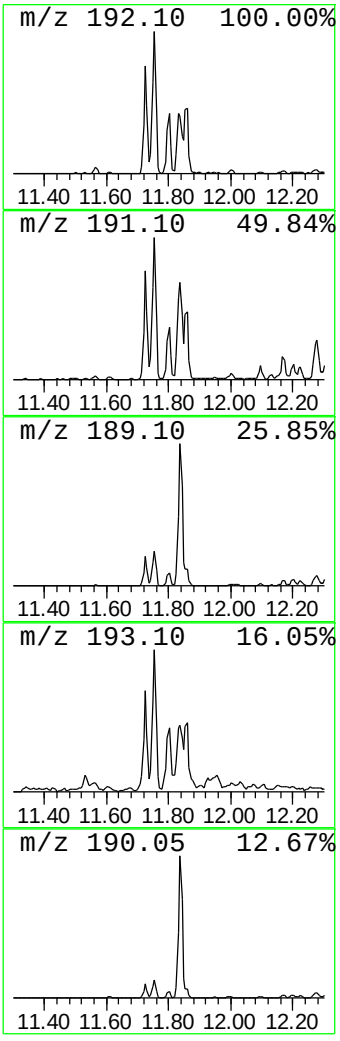
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	6.27 ng	302770	Phenanthrene-d10	11.22

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-091418-B

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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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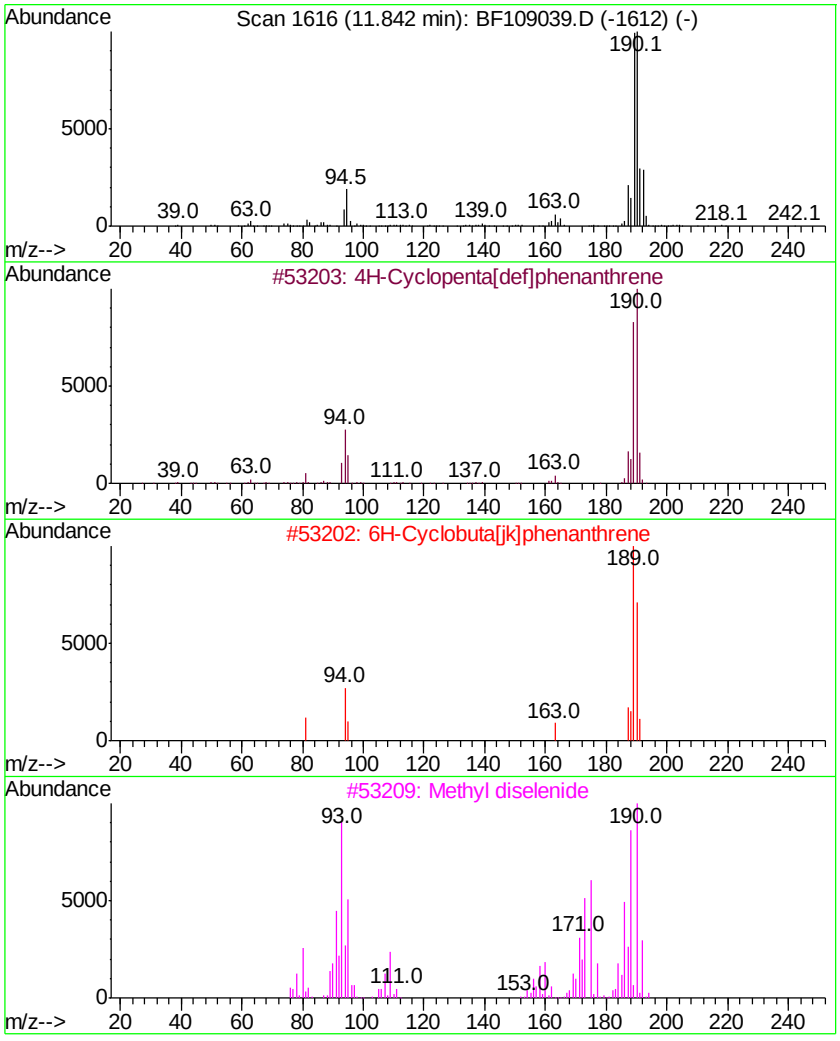
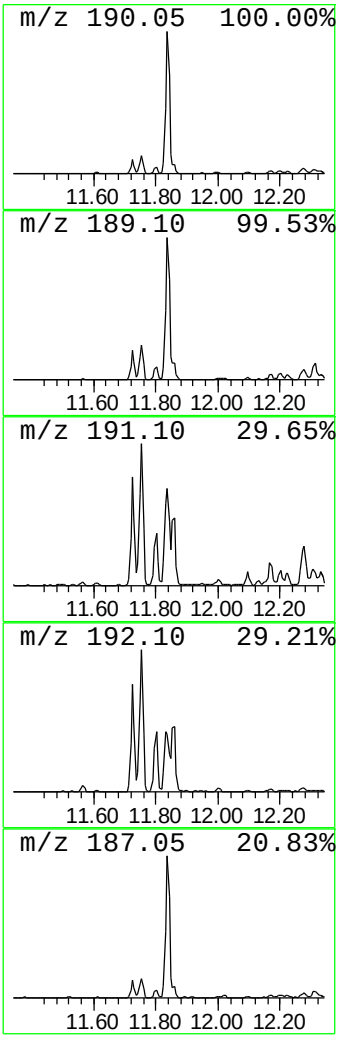
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	20.04 ng	968161	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





Library Search Compound Report

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ClientSampleId : CL-01-091418-B

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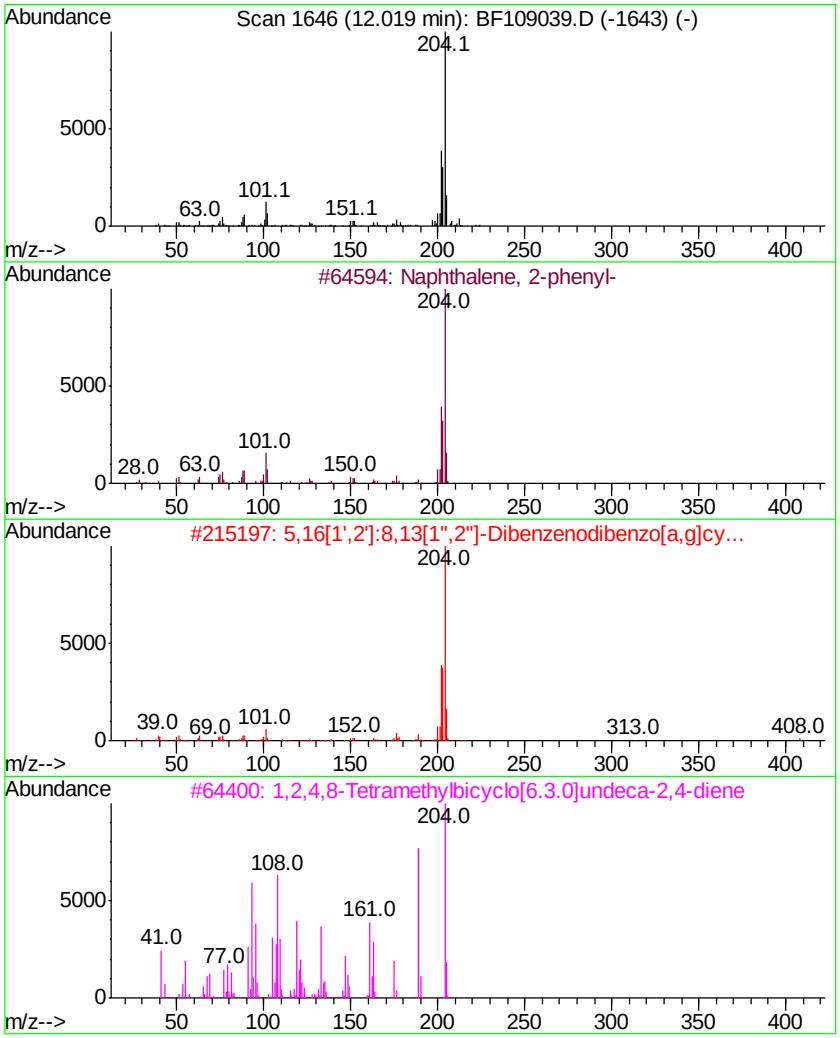
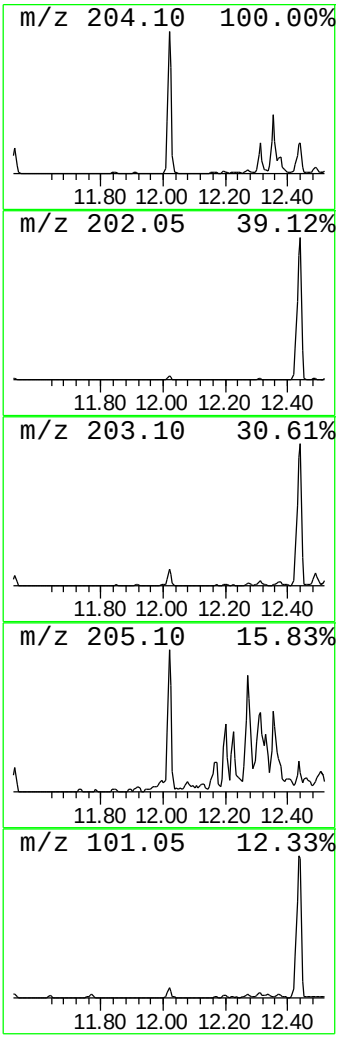
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	6.35 ng	306868	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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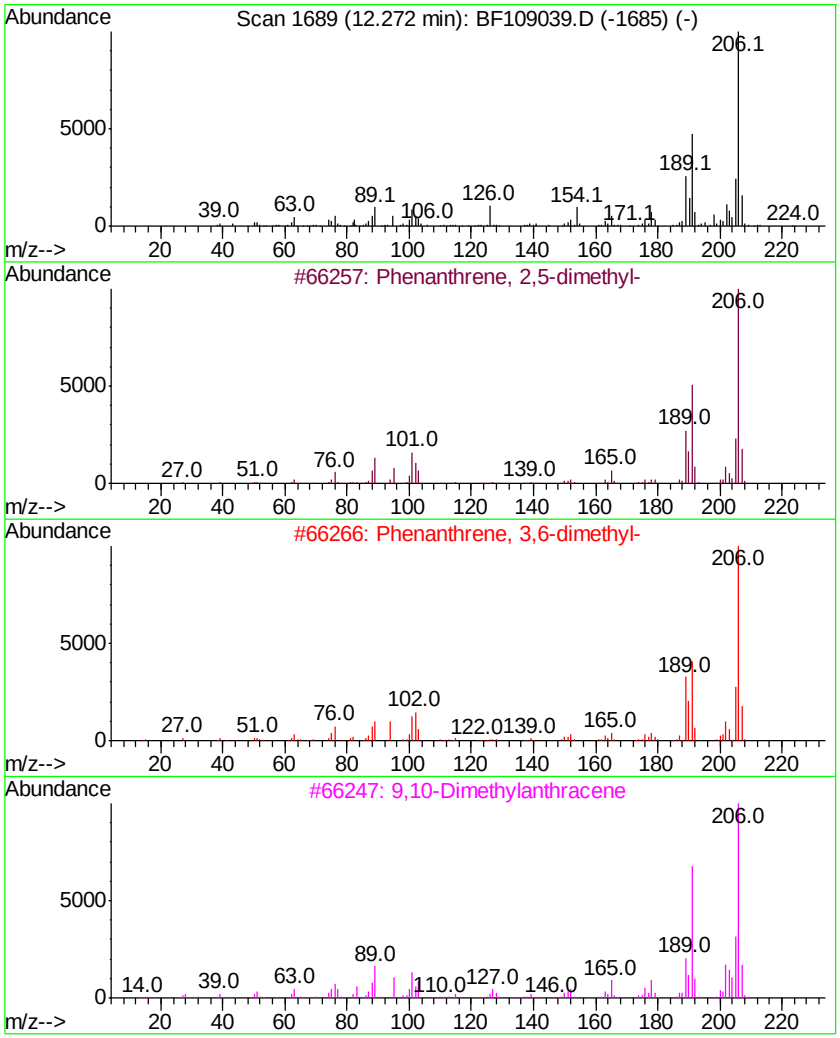
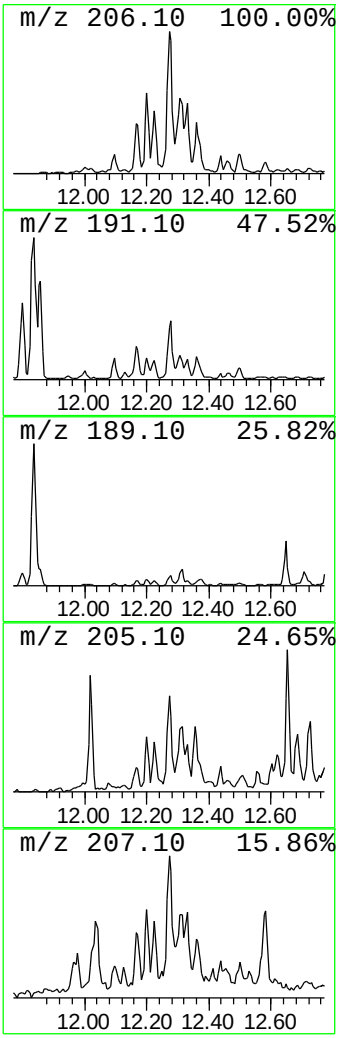
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	5.97 ng	288519	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	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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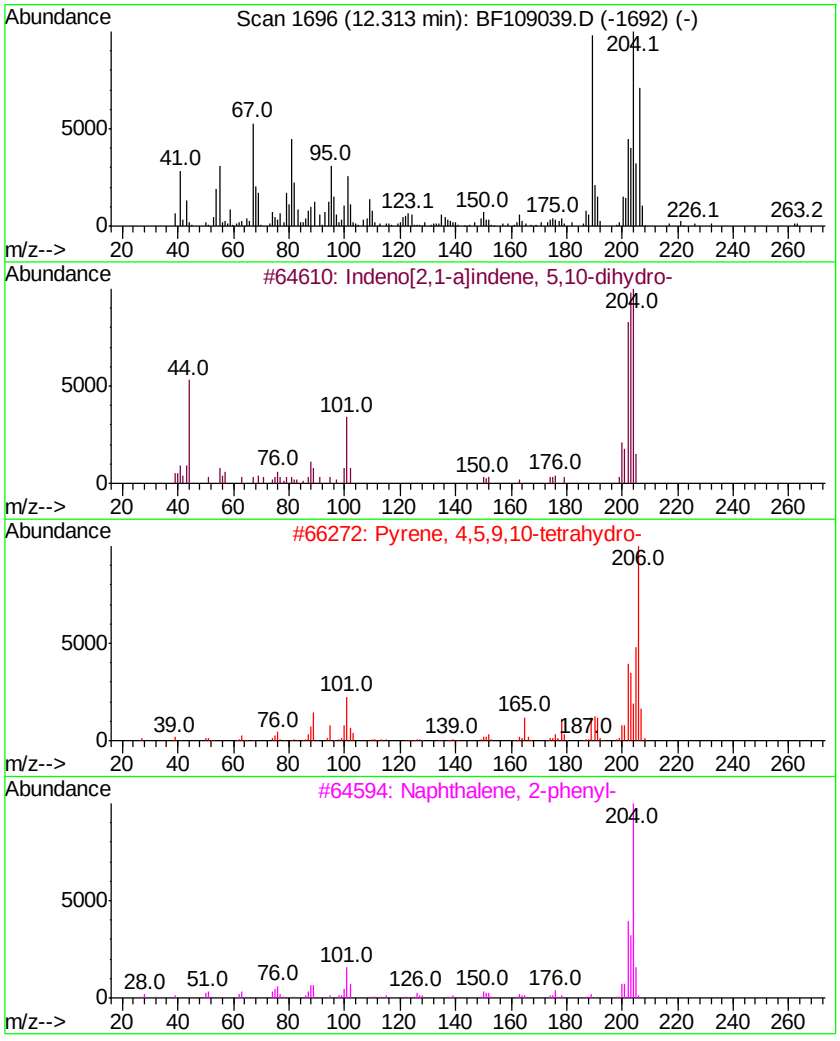
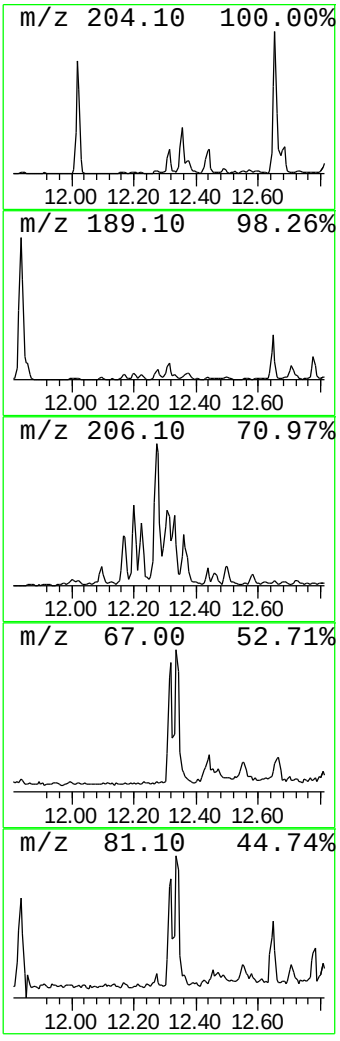
Peak Number 11 unknown12.31 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	6.25 ng	301676	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	41
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	40
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
4	3,5-Dichloro-2-hydroxyacetophenone	204	C8H6Cl2O2	003321-92-4	38
5	2,3-Dimethoxy-5-aminocinnamonitrile	204	C11H12N2O2	1000214-46-5	35





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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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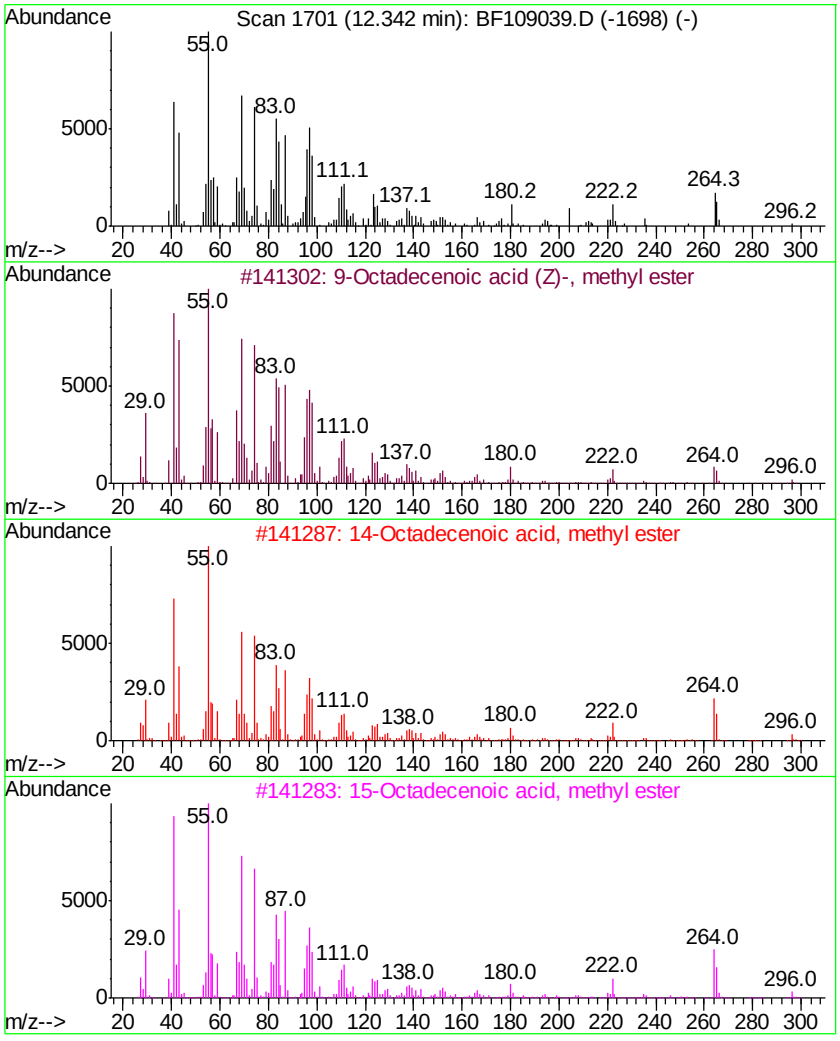
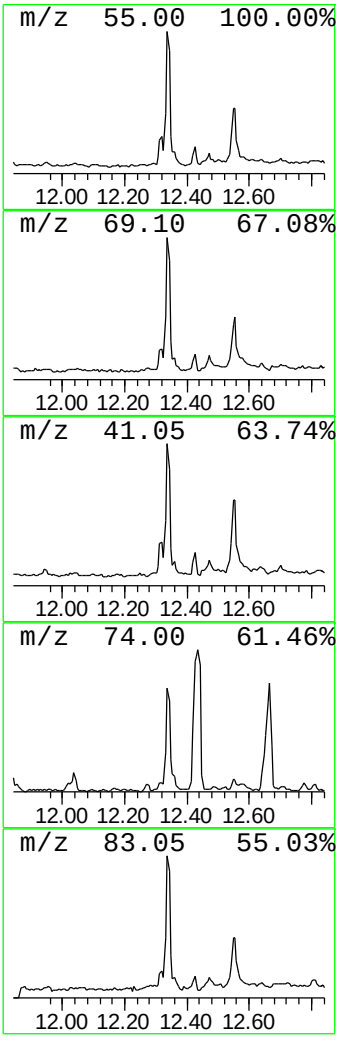
Peak Number 12 9-Octadecenoic acid (Z)-, m... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	8.38 ng	405005	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	91
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	91
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	90





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Misc :
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ClientSampleId : CL-01-091418-B

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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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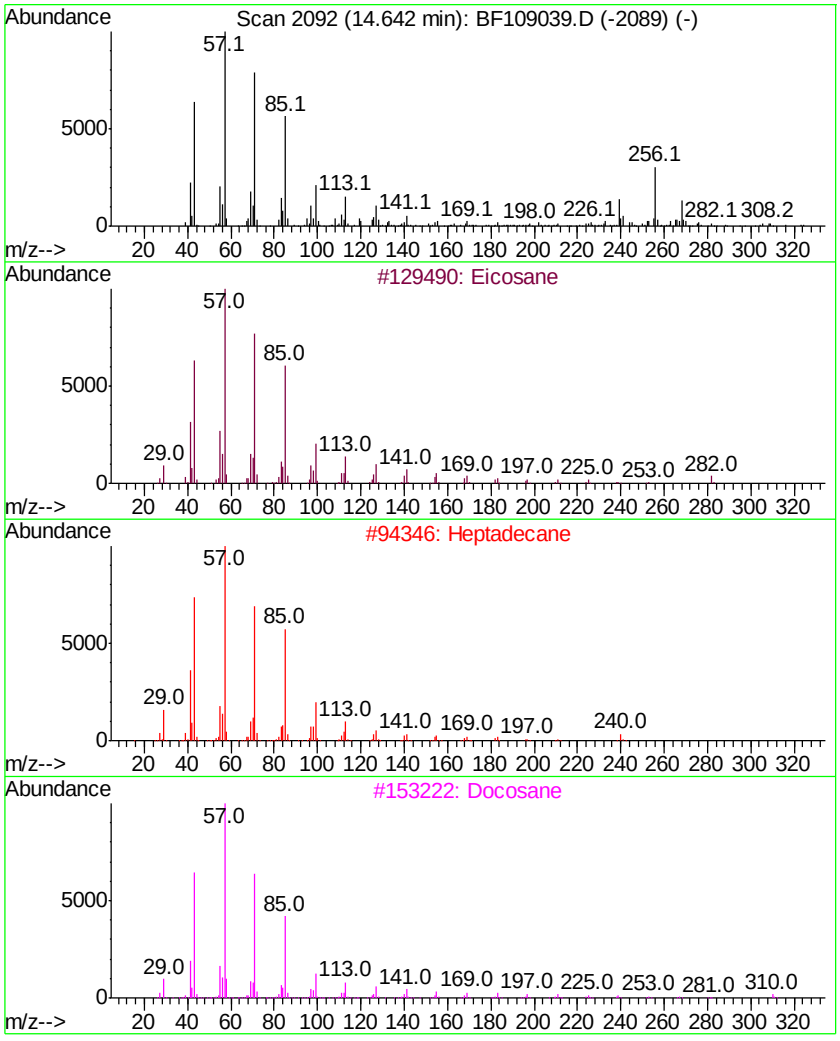
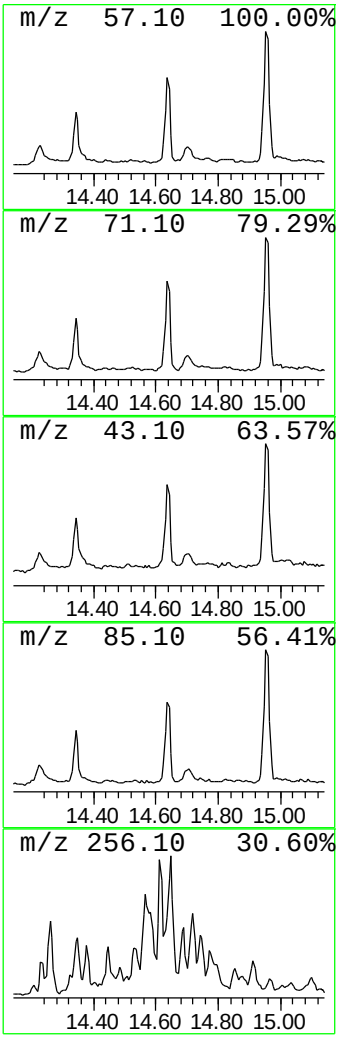
Peak Number 13 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	7.89 ng	405286	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heptadecane	240	C17H36	000629-78-7	90
3	Docosane	310	C22H46	000629-97-0	74
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	72
5	Pentacosane	352	C25H52	000629-99-2	72





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ClientSampleId : CL-01-091418-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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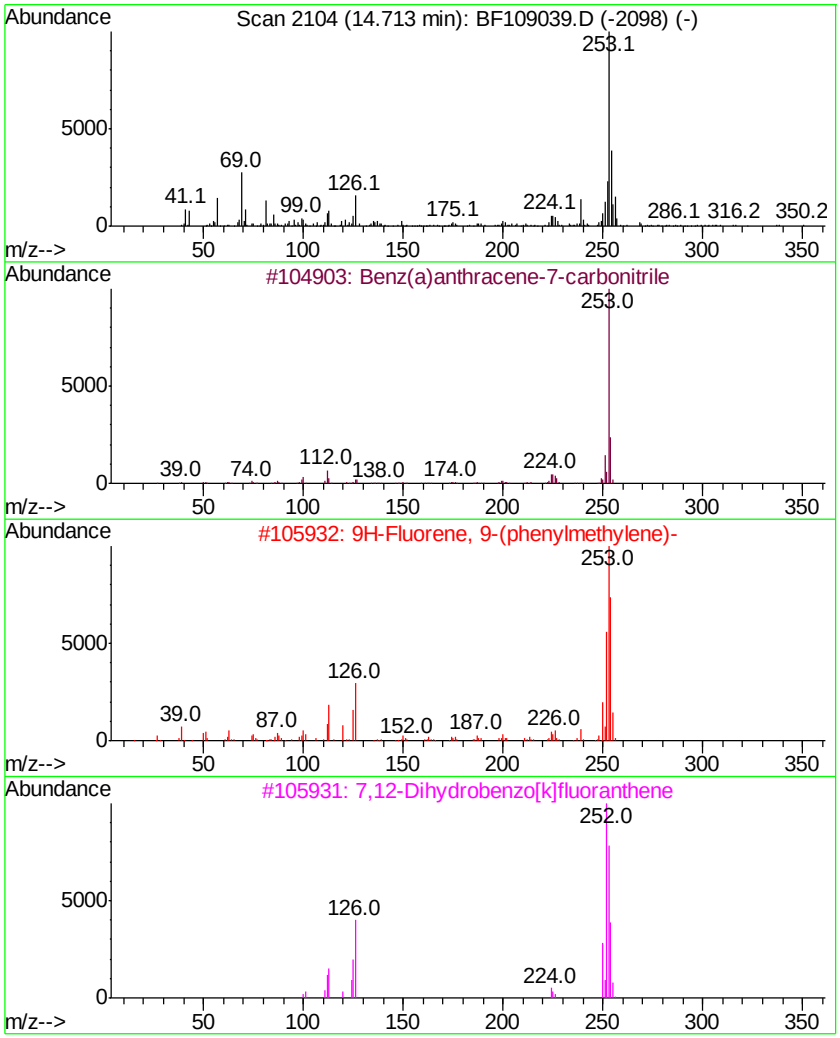
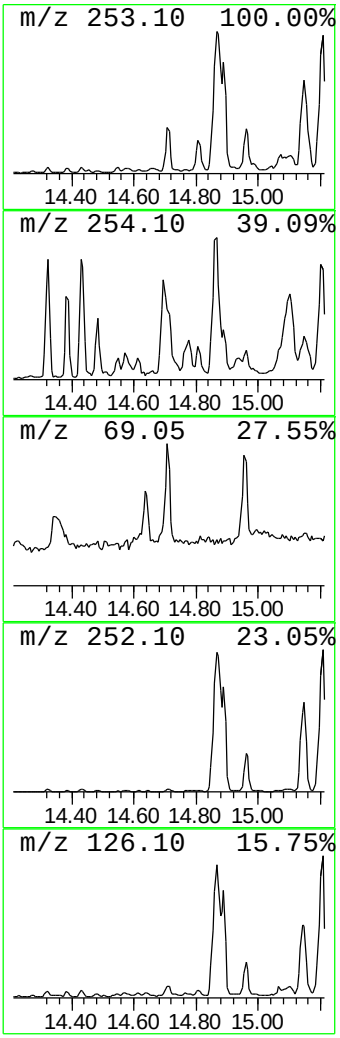
Peak Number 14 Benz(a)anthracene-7-carboni... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	7.46 ng	383629	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	64
2	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	49
3	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	47
4	10-Oxo-5,5-dimethyl-5-sila-5,10-...	254	C14H14N2OSi	089052-45-9	45
5	4,4'-Biazulenyl	254	C20H14	094053-54-0	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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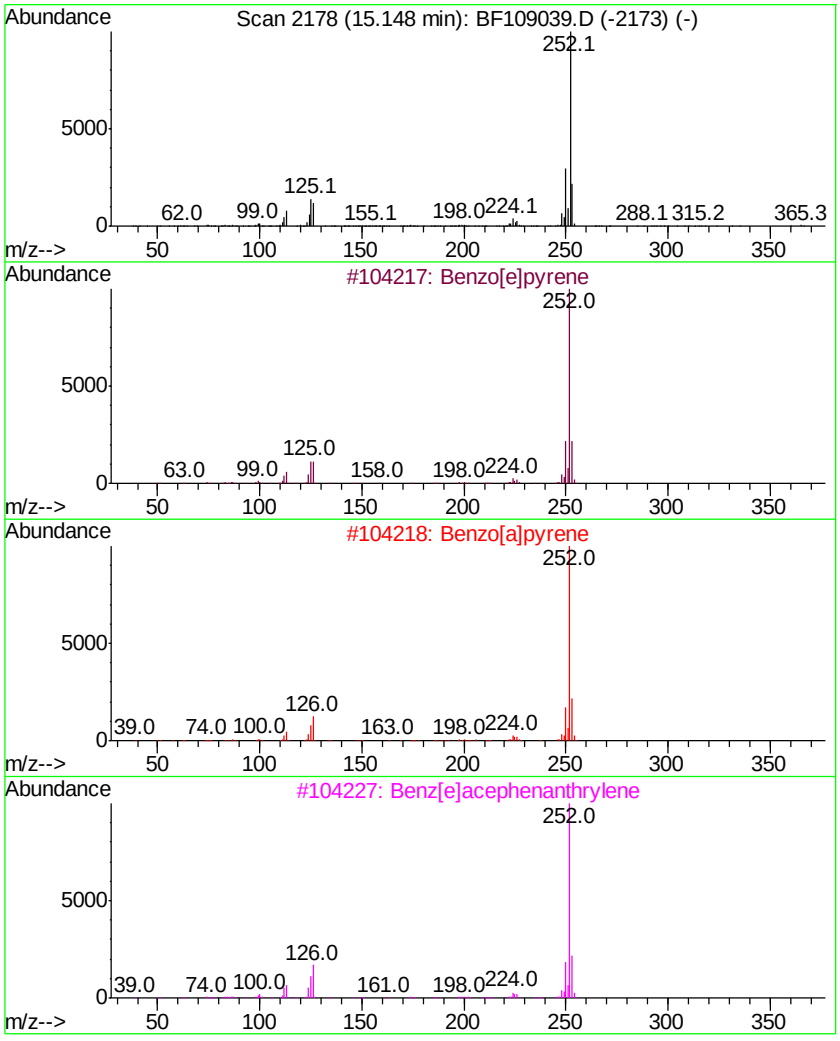
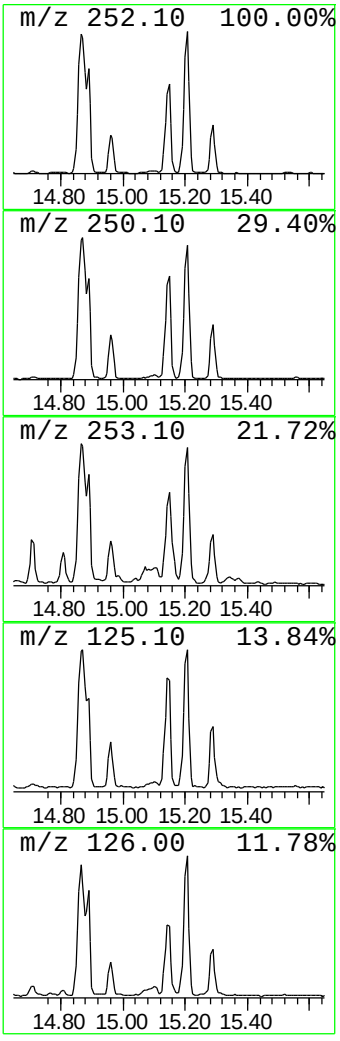
Peak Number 16 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	28.96 ng	1488190	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





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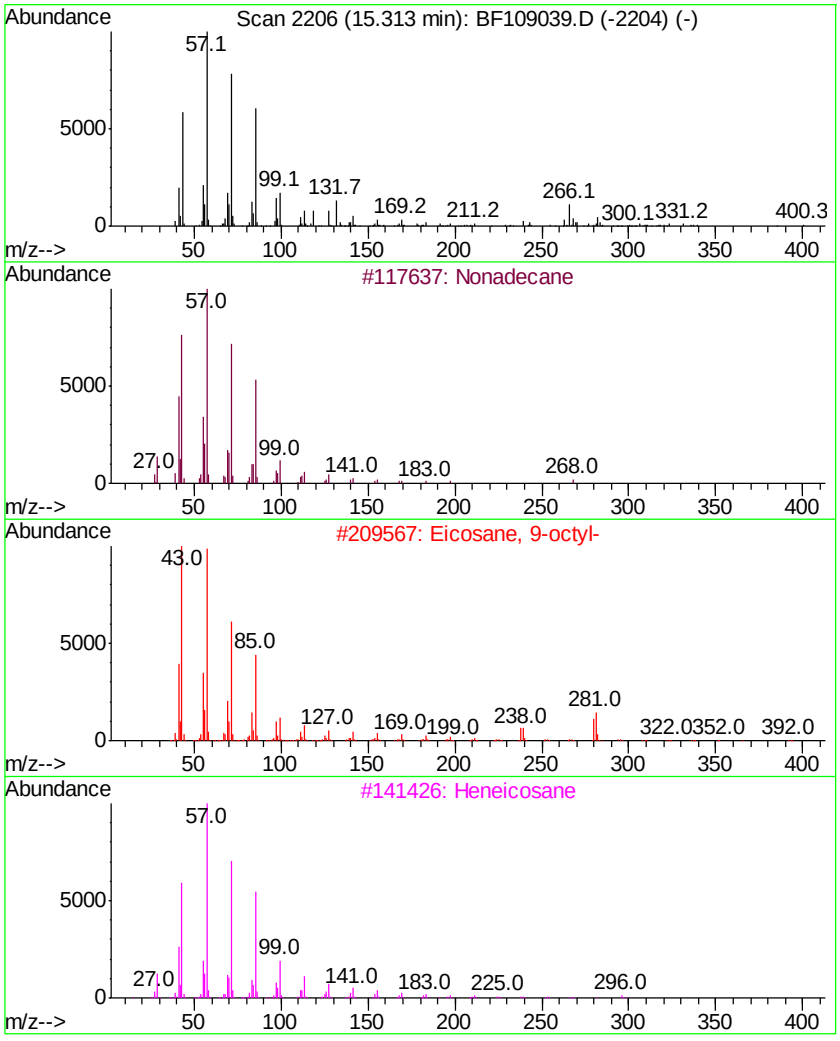
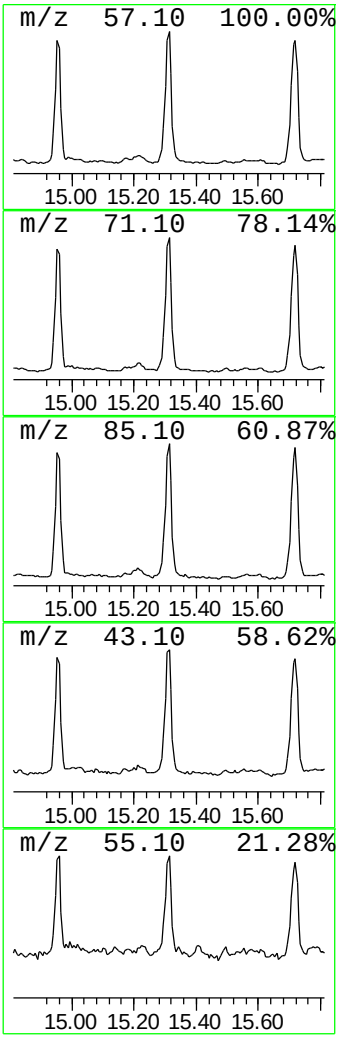
Peak Number 17 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	10.67 ng	548446	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	80
3	Heneicosane	296	C21H44	000629-94-7	74
4	Octacosane	394	C28H58	000630-02-4	74
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72





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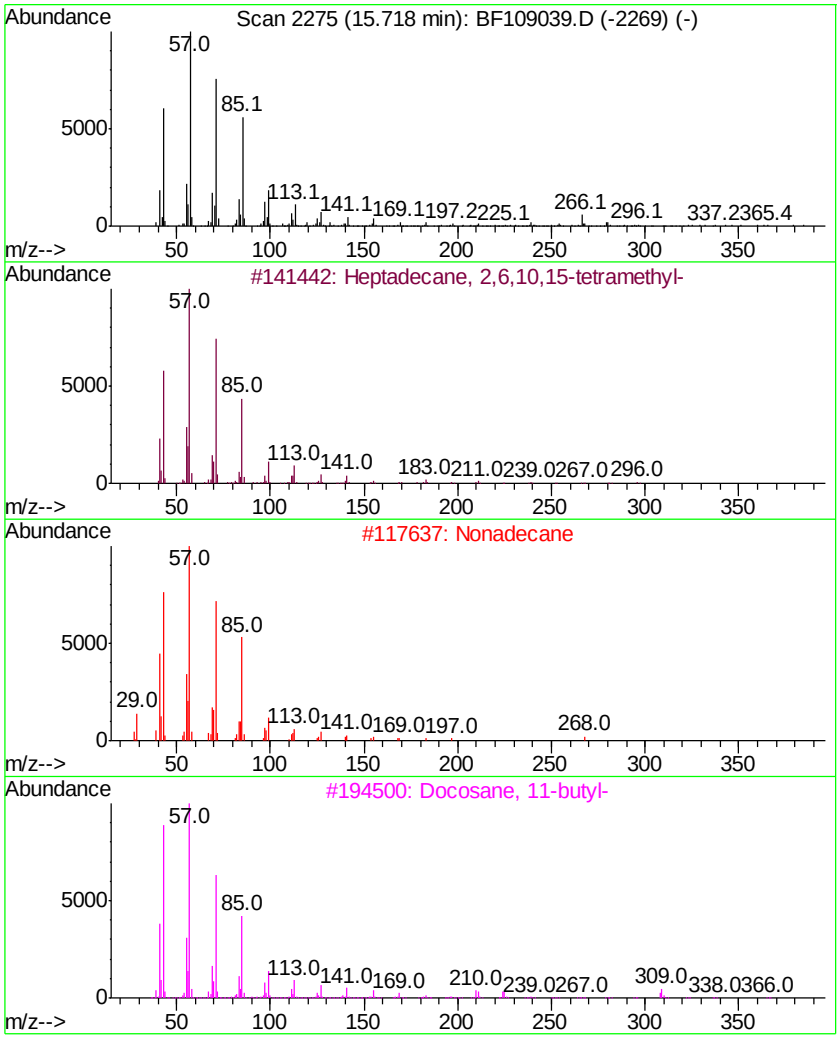
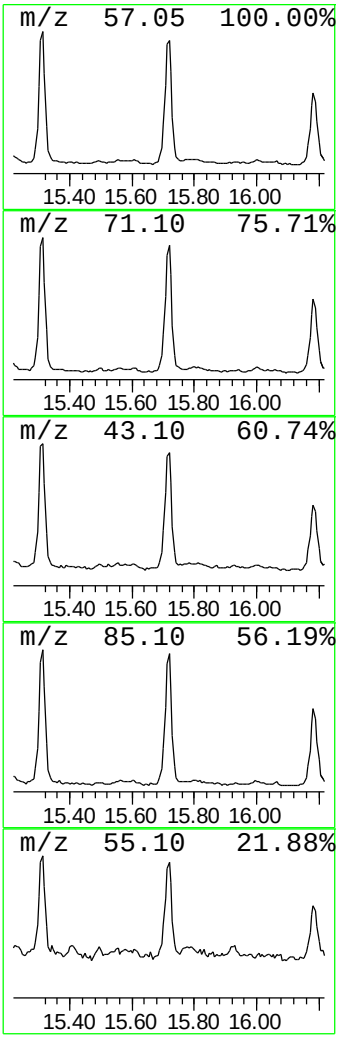
Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	16.30 ng	837549	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Nonadecane	268	C19H40	000629-92-5	93
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





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Data File : BF109039.D
Acq On : 17 Sep 2018 11:09
Operator : JU/SJ
Sample : J4773-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-091418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

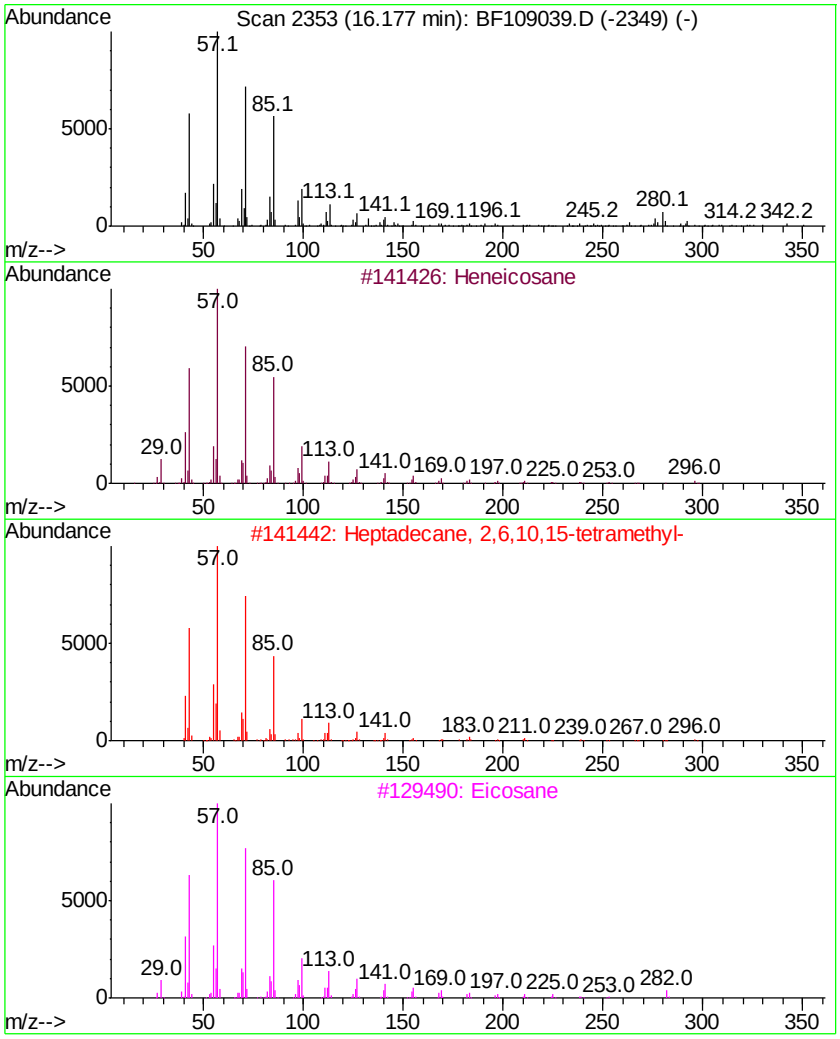
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

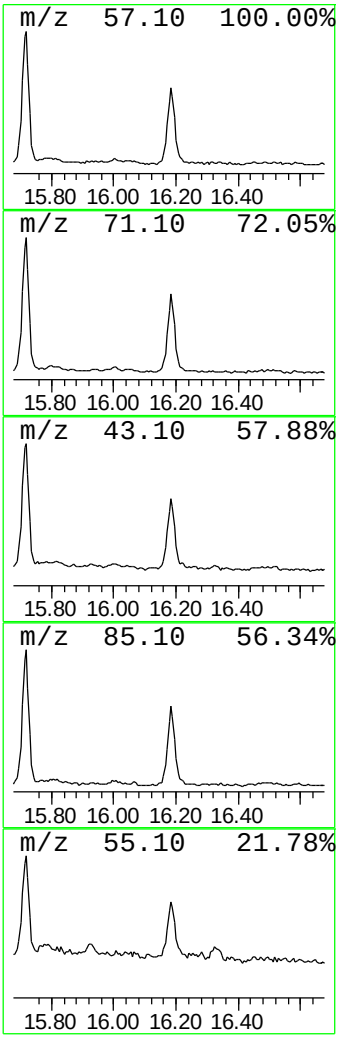
****

Peak Number 19 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	10.78 ng	554100	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Eicosane	282	C20H42	000112-95-8	87
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
5	2-methyltetracosane	352	C25H52	1000376-72-6	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
Data File : BF109039.D
Acq On : 17 Sep 2018 11:09
Operator : JU/SJ
Sample : J4773-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-091418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

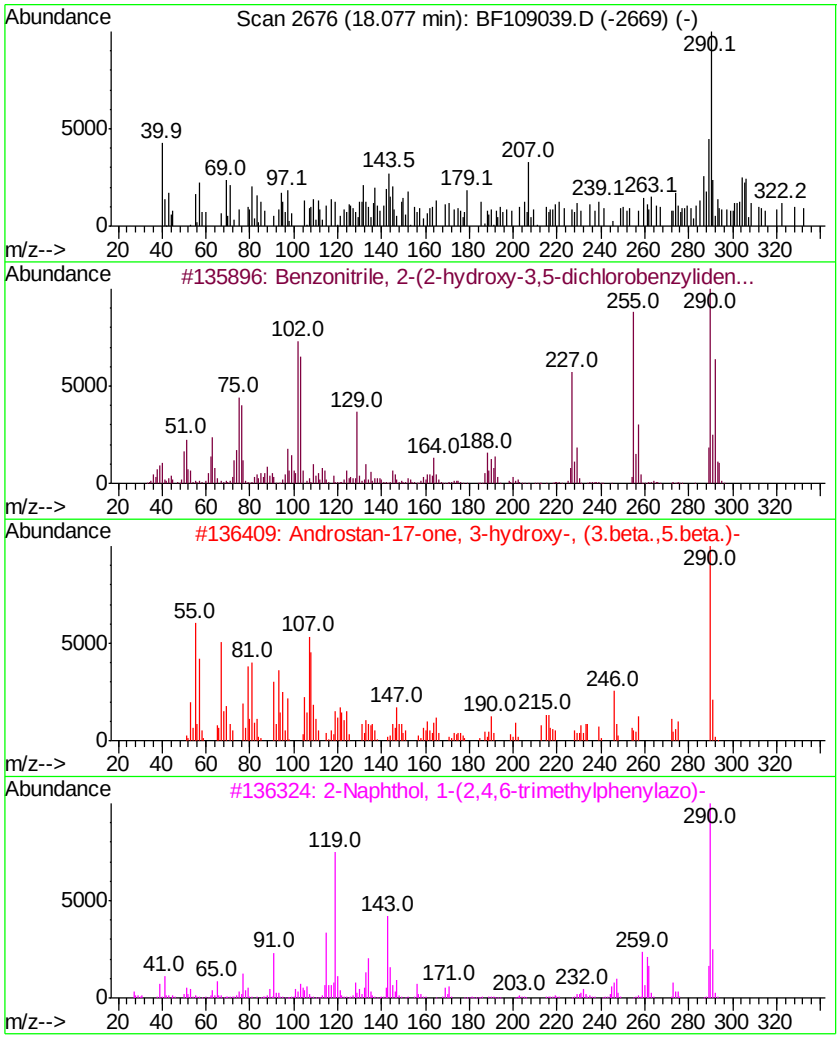
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

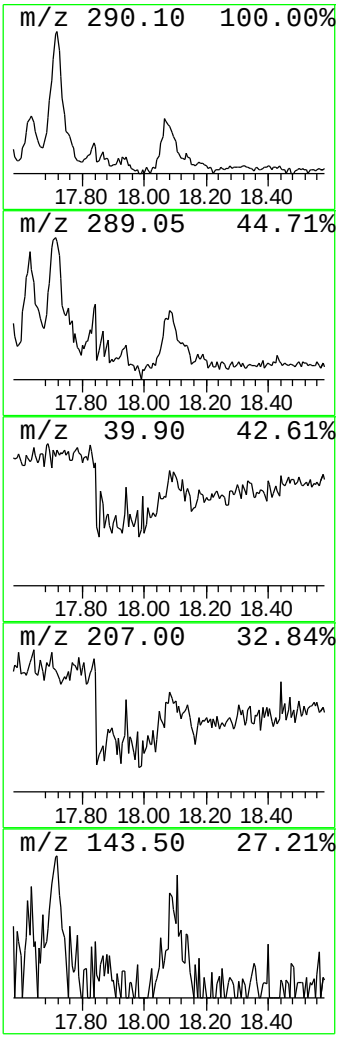
****

Peak Number 20 Benzonitrile, 2-(2-hydroxy-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	8.39 ng	431411	Perylene-d12	15.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 2-(2-hydroxy-3,5-d...	290	C14H8Cl2N2O	316133-55-8	90
2	Androstan-17-one, 3-hydroxy-, (3...	290	C19H30O2	000571-31-3	50
3	2-Naphthol, 1-(2,4,6-trimethylph...	290	C19H18N2O	088423-71-6	47
4	1,1':2',1''-Terphenyl, 3,3''-dim...	290	C20H18O2	1000327-41-3	44
5	Ferrocene, benzoyl-	290	C17H14FeO	001272-44-2	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091718\
Data File : BF109039.D
Acq On : 17 Sep 2018 11:09
Operator : JU/SJ
Sample : J4773-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-091418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.49	6.49	72.5	ng	2966200	1	6.72	817759	20.0
Pentadecanoic aci...	11.64	5.1	ng	244598	4	11.22	966104	20.0
Anthracene, 2-met...	11.72	7.9	ng	382344	4	11.22	966104	20.0
Phenanthrene, 2-m...	11.75	12.4	ng	597784	4	11.22	966104	20.0
n-Hexadecanoic acid	11.77	9.4	ng	454246	4	11.22	966104	20.0
1H-Cyclopropa[l]p...	11.80	6.3	ng	302770	4	11.22	966104	20.0
4H-Cyclopenta[def...	11.84	20.0	ng	968161	4	11.22	966104	20.0
Naphthalene, 2-ph...	12.02	6.3	ng	306868	4	11.22	966104	20.0
Phenanthrene, 2,5...	12.27	6.0	ng	288519	4	11.22	966104	20.0
unknown12.31	12.31	6.3	ng	301676	4	11.22	966104	20.0
9-Octadecenoic ac...	12.34	8.4	ng	405005	4	11.22	966104	20.0
Eicosane	14.64	7.9	ng	405286	6	15.26	1027890	20.0
Benz(a)anthracene...	14.71	7.5	ng	383629	6	15.26	1027890	20.0
Benzo[e]pyrene	15.15	29.0	ng	1488190	6	15.26	1027890	20.0
Nonadecane	15.31	10.7	ng	548446	6	15.26	1027890	20.0
Heptadecane, 2,6,...	15.72	16.3	ng	837549	6	15.26	1027890	20.0
Heneicosane	16.18	10.8	ng	554100	6	15.26	1027890	20.0
Benzonitrile, 2-(...	18.08	8.4	ng	431411	6	15.26	1027890	20.0