LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091417\
Data File : BF098528.D
Acq On : 14 Sep 2017 14:44
Operator : SJ/JU
Sample : I5159-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-5-1

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:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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	2.604	77	88	97	rVB3	34070	89062	2.33%	0.208%
2	4.210	352	361	369	rBV3	32165	60720	1.59%	0.142%
3	4.828	464	466	478	rVB	242762	389653	10.20%	0.910%
4	5.204	525	530	535	rBV2	53817	71404	1.87%	0.167%
5	5.257	535	539	555	rVV	3665341	3665835	95.97%	8.559%
6	5.475	572	576	580	rBV2	64876	72146	1.89%	0.168%
7	5.787	626	629	634	rBV2	53099	57722	1.51%	0.135%
8	5.887	643	646	652	rVB2	59910	70484	1.85%	0.165%
9	5.940	652	655	659	rBV	56214	54567	1.43%	0.127%
10	6.169	691	694	698	rBV3	60124	75093	1.97%	0.175%
11	6.298	712	716	728	rBV	3448550	3819597	100.00%	8.918%
12	6.422	732	737	740	rVV	4055026	3708869	97.10%	8.659%
13	6.469	742	745	752	rVB2	82043	124692	3.26%	0.291%
14	6.645	771	775	782	rVB	1078397	929079	24.32%	2.169%
15	6.804	797	802	805	rBV	3067142	2844195	74.46%	6.640%
16	6.910	816	820	825	rVB4	30332	55959	1.47%	0.131%
17	7.216	868	872	875	rBV	2457897	2324087	60.85%	5.426%
18	7.251	875	878	881	rVB2	77609	80577	2.11%	0.188%
19	7.928	988	993	996	rBV	1381566	1298480	34.00%	3.032%
20	7.951	996	997	1000	rVV	219583	137551	3.60%	0.321%
21	8.310	1051	1058	1061	rBV4	48516	69766	1.83%	0.163%
22	8.357	1061	1066	1069	rBV	151196	141426	3.70%	0.330%
23	8.528	1091	1095	1100	rBV	106375	103158	2.70%	0.241%
24	8.639	1112	1114	1117	rVB	208831	180680	4.73%	0.422%
25	8.739	1128	1131	1134	rBV	223845	177184	4.64%	0.414%
26	8.951	1165	1167	1171	rVB	82508	76366	2.00%	0.178%
27	9.004	1171	1176	1180	rBV	3788325	3762357	98.50%	8.784%
28	9.086	1187	1190	1192	rBV	113838	104430	2.73%	0.244%
29	9.275	1217	1222	1225	rBV2	76150	103827	2.72%	0.242%
30	9.339	1230	1233	1236	rVV	195994	201768	5.28%	0.471%
31	9.369	1236	1238	1241	rVV	150566	152841	4.00%	0.357%
32	9.404	1241	1244	1247	rVV	666527	572696	14.99%	1.337%
33	9.457	1250	1253	1258	rVB	109162	125257	3.28%	0.292%
34	9.539	1265	1267	1271	rVB	149552	126120	3.30%	0.294%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091417\
Data File : BF098528.D
Acq On : 14 Sep 2017 14:44
Operator : SJ/JU
Sample : I5159-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-5-1

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:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.616	1277	1280	1284	rBV	157537	120476	3.15%	0.281%
36	9.681	1284	1291	1294	rBV	1485435	1305665	34.18%	3.048%
37	9.786	1306	1309	1313	rVB3	46889	57967	1.52%	0.135%
38	9.839	1313	1318	1321	rBV6	51812	95104	2.49%	0.222%
39	9.880	1322	1325	1328	rBV	142358	131880	3.45%	0.308%
40	9.998	1342	1345	1348	rBV	84747	82511	2.16%	0.193%
41	10.028	1348	1350	1355	rVB	56502	54630	1.43%	0.128%
42	10.080	1355	1359	1362	rBV3	129641	153089	4.01%	0.357%
43	10.116	1362	1365	1368	rVB2	184303	162130	4.24%	0.379%
44	10.216	1379	1382	1385	rBV	118997	112119	2.94%	0.262%
45	10.333	1398	1402	1407	rVB3	122535	131542	3.44%	0.307%
46	10.380	1407	1410	1414	rVB2	115823	119131	3.12%	0.278%
47	10.469	1418	1425	1429	rBV	2122199	1970198	51.58%	4.600%
48	10.598	1442	1447	1453	rBV	385209	524821	13.74%	1.225%
49	10.775	1470	1477	1480	rBV6	42275	70133	1.84%	0.164%
50	10.904	1495	1499	1501	rBV2	91378	124771	3.27%	0.291%
51	10.969	1507	1510	1513	rBV	101731	96777	2.53%	0.226%
52	11.010	1515	1517	1518	rVV2	66562	55646	1.46%	0.130%
53	11.033	1518	1521	1523	rVV	215569	194818	5.10%	0.455%
54	11.063	1523	1526	1532	rVB3	101005	125642	3.29%	0.293%
55	11.163	1539	1543	1545	rBV	1167003	1141292	29.88%	2.665%
56	11.180	1545	1546	1549	rVV	398243	309710	8.11%	0.723%
57	11.233	1553	1555	1559	rVB	84972	79646	2.09%	0.186%
58	11.339	1570	1573	1578	rVB3	48254	54916	1.44%	0.128%
59	11.398	1580	1583	1587	rBV2	51243	78705	2.06%	0.184%
60	11.457	1590	1593	1596	rVB	166642	136017	3.56%	0.318%
61	11.663	1625	1628	1630	rBV	98822	89618	2.35%	0.209%
62	11.686	1630	1632	1636	rVB	185136	182754	4.78%	0.427%
63	11.727	1636	1639	1641	rBV	86061	87245	2.28%	0.204%
64	11.769	1644	1646	1648	rVV	167362	143817	3.77%	0.336%
65	11.792	1648	1650	1654	rVB	114464	109995	2.88%	0.257%
66	11.863	1656	1662	1665	rBV	150289	163350	4.28%	0.381%
67	11.957	1675	1678	1681	rBV2	86749	82319	2.16%	0.192%
68	11.986	1681	1683	1688	rVB2	74135	77442	2.03%	0.181%
69	12.104	1697	1703	1706	rBV3	60451	102661	2.69%	0.240%
70	12.139	1706	1709	1711	rVV2	66378	80387	2.10%	0.188%
71	12.210	1717	1721	1724	rVV	150944	151243	3.96%	0.353%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091417\
Data File : BF098528.D
Acq On : 14 Sep 2017 14:44
Operator : SJ/JU
Sample : I5159-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-5-1

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:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.251	1724	1728	1733	rVV3	166703	248019	6.49%	0.579%
73	12.298	1733	1736	1739	rVB	91687	99996	2.62%	0.233%
74	12.369	1744	1748	1752	rBV	615806	521010	13.64%	1.216%
75	12.598	1781	1787	1789	rBV2	419969	401004	10.50%	0.936%
76	12.621	1789	1791	1794	rVB	112070	94106	2.46%	0.220%
77	12.657	1794	1797	1803	rVB3	69982	101352	2.65%	0.237%
78	12.745	1808	1812	1815	rBV	2663910	2326730	60.92%	5.432%
79	12.816	1821	1824	1828	rBV4	52818	77604	2.03%	0.181%
80	12.910	1836	1840	1841	rBV3	50868	65860	1.72%	0.154%
81	12.974	1848	1851	1856	rBV2	84021	103974	2.72%	0.243%
82	13.027	1856	1860	1864	rVV3	76688	96510	2.53%	0.225%
83	13.151	1879	1881	1886	rBV3	37475	56482	1.48%	0.132%
84	13.227	1892	1894	1900	rVB5	49395	62392	1.63%	0.146%
85	13.321	1907	1910	1913	rVB	79078	71738	1.88%	0.167%
86	13.439	1927	1930	1933	rVB	96437	93332	2.44%	0.218%
87	13.645	1962	1965	1969	rBV	197059	175314	4.59%	0.409%
88	13.792	1985	1990	1993	rBV2	918228	1020735	26.72%	2.383%
89	13.816	1993	1994	1997	rVB	215656	159033	4.16%	0.371%
90	13.963	2016	2019	2022	rVB3	70062	68920	1.80%	0.161%
91	14.216	2059	2062	2066	rBV2	39605	67297	1.76%	0.157%
92	14.268	2069	2071	2074	rVB2	59247	54493	1.43%	0.127%
93	14.557	2118	2120	2123	rBV	62017	70277	1.84%	0.164%
94	14.798	2158	2161	2170	rVB	304003	490779	12.85%	1.146%
95	14.898	2176	2178	2183	rVB	58375	59228	1.55%	0.138%
96	15.074	2205	2208	2214	rVB	188384	209150	5.48%	0.488%
97	15.133	2215	2218	2223	rVB	173462	205831	5.39%	0.481%
98	15.192	2223	2228	2239	rBV	740444	956428	25.04%	2.233%
99	16.527	2450	2455	2460	rBV	88759	157623	4.13%	0.368%
100	16.921	2518	2522	2530	rVB	66228	129132	3.38%	0.301%

Sum of corrected areas: 42832164

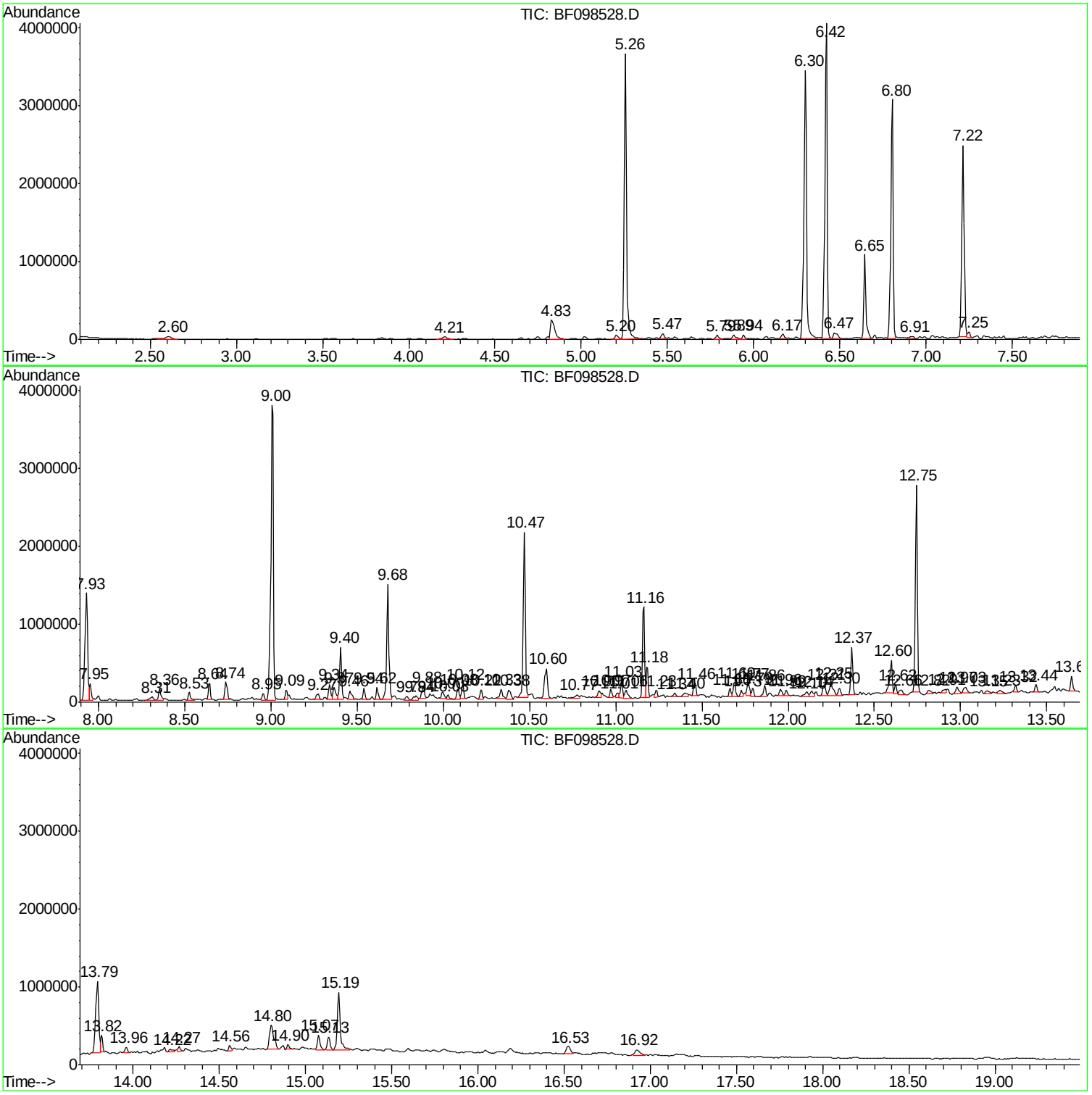
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091417\
Data File : BF098528.D
Acq On : 14 Sep 2017 14:44
Operator : SJ/JU
Sample : I5159-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-5-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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:\HPCHEM1\BNA_F\DATA\BF091417\
Data File : BF098528.D
Acq On : 14 Sep 2017 14:44
Operator : SJ/JU
Sample : I5159-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-5-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

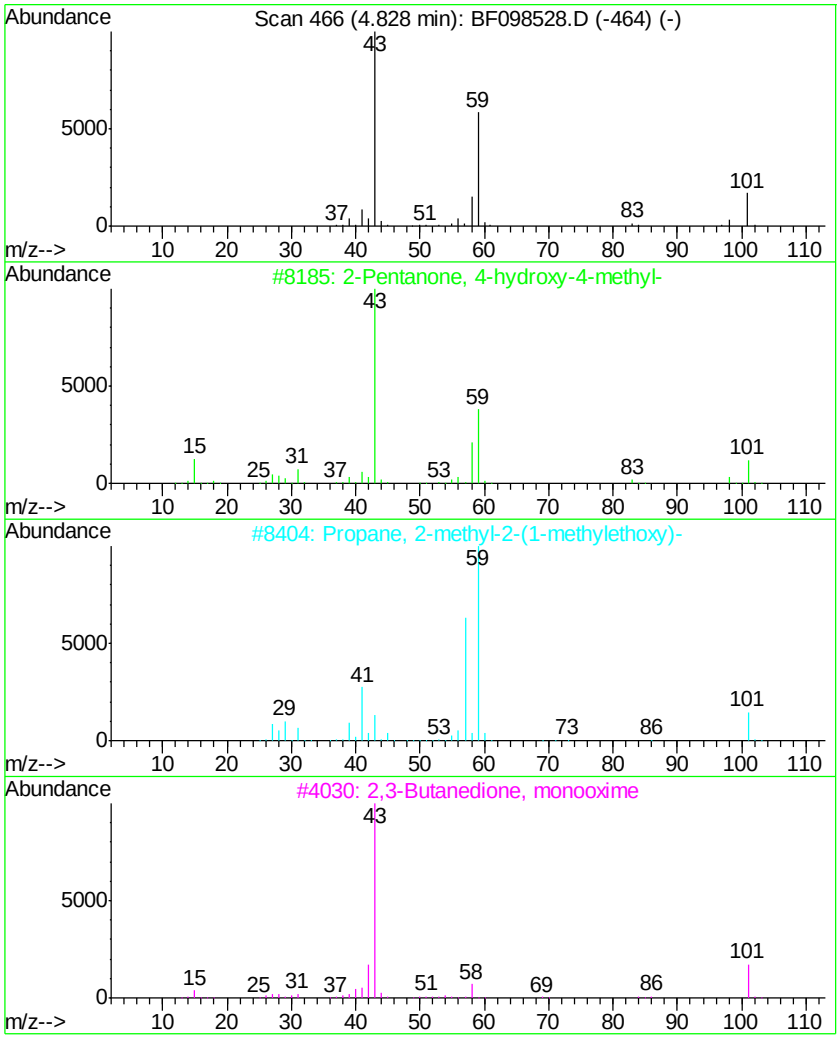
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

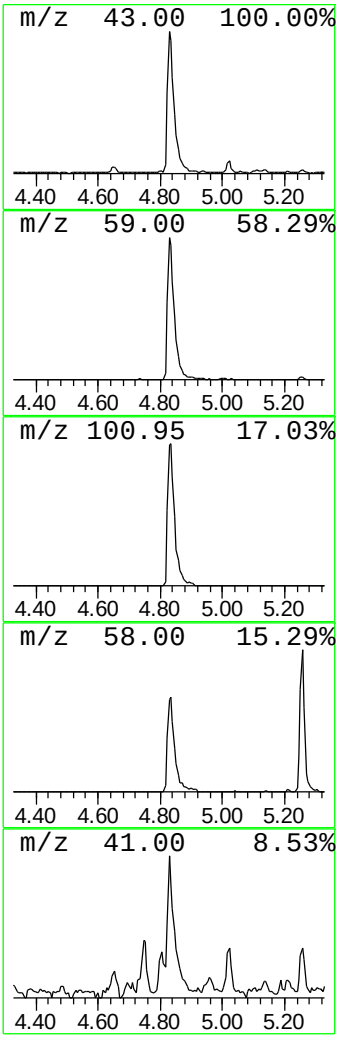
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	8.39 ng	389653	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	9
5	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091417\
Data File : BF098528.D
Acq On : 14 Sep 2017 14:44
Operator : SJ/JU
Sample : I5159-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-5-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

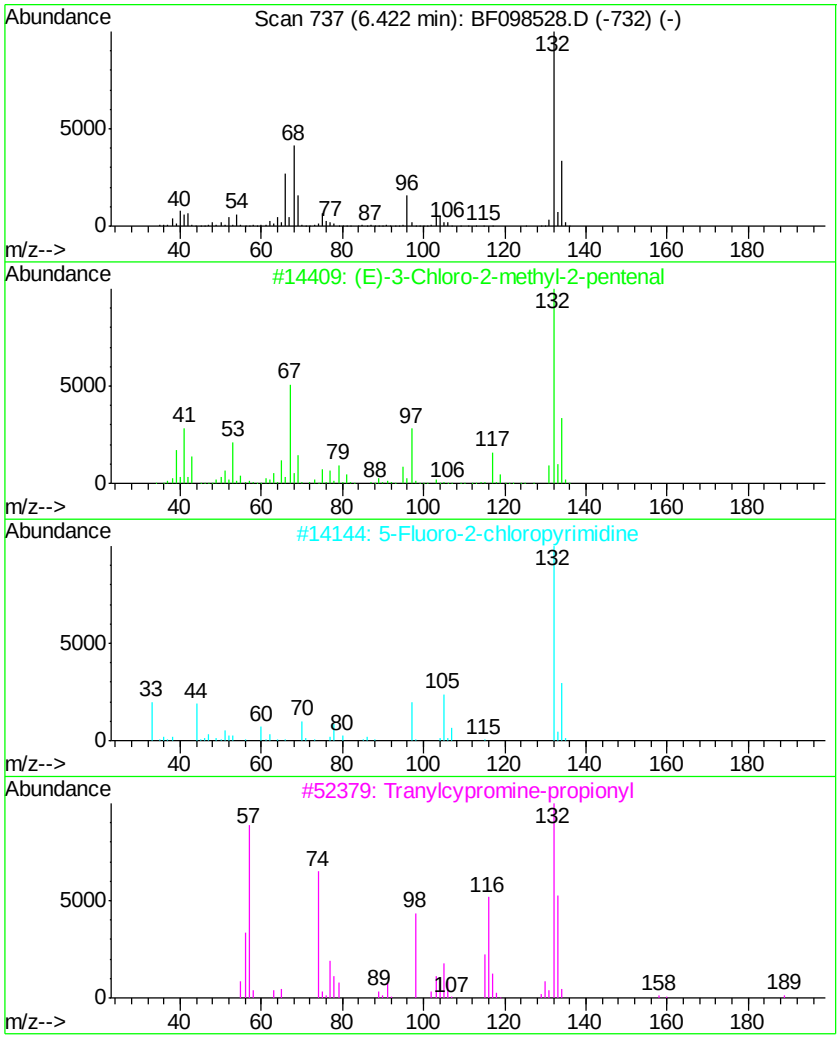
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

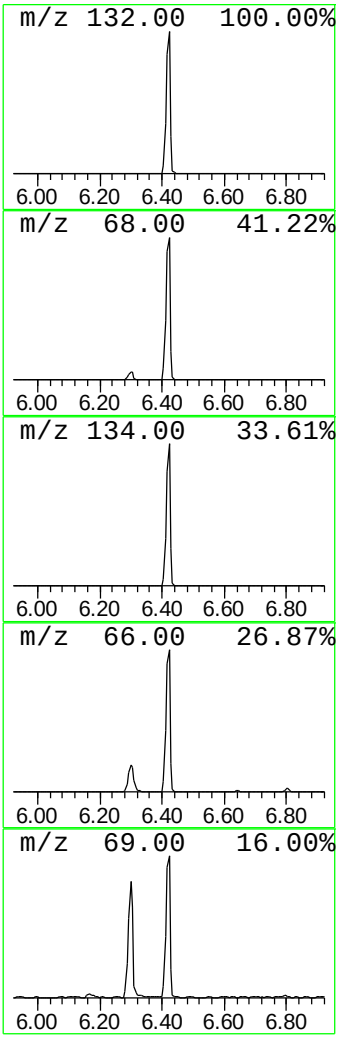
****

Peak Number 2 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	79.84 ng	3708870	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091417\
Data File : BF098528.D
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Sample : I5159-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-5-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

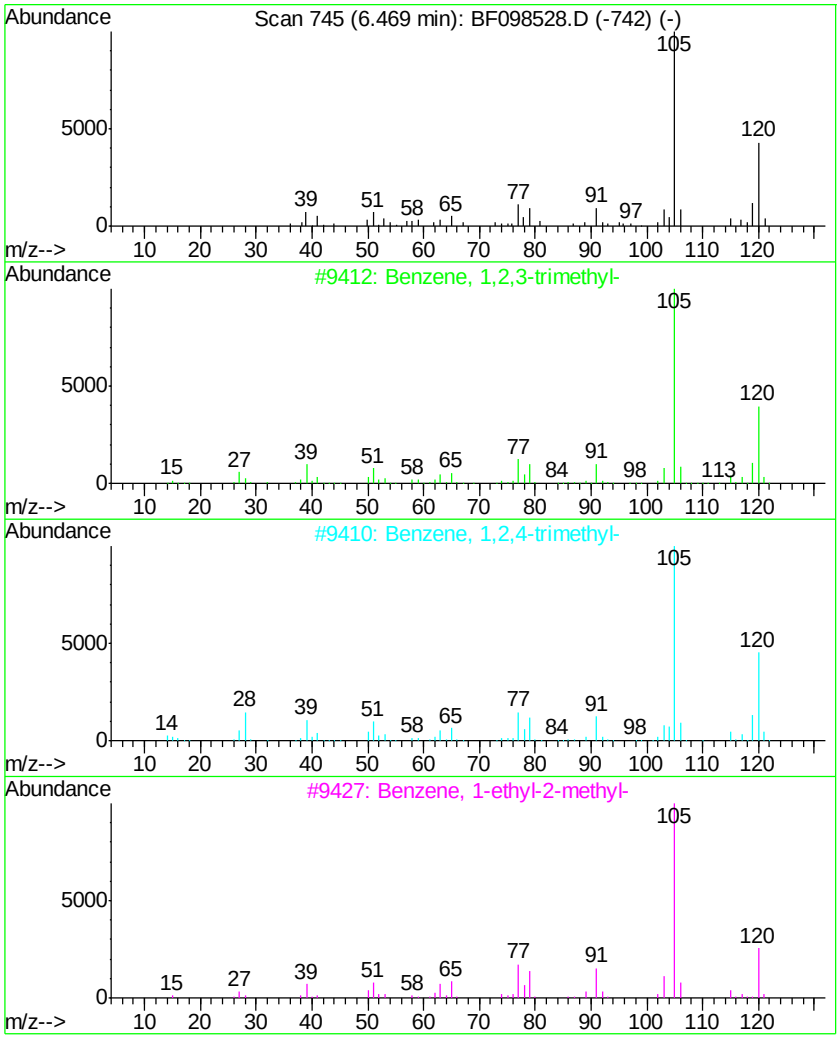
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

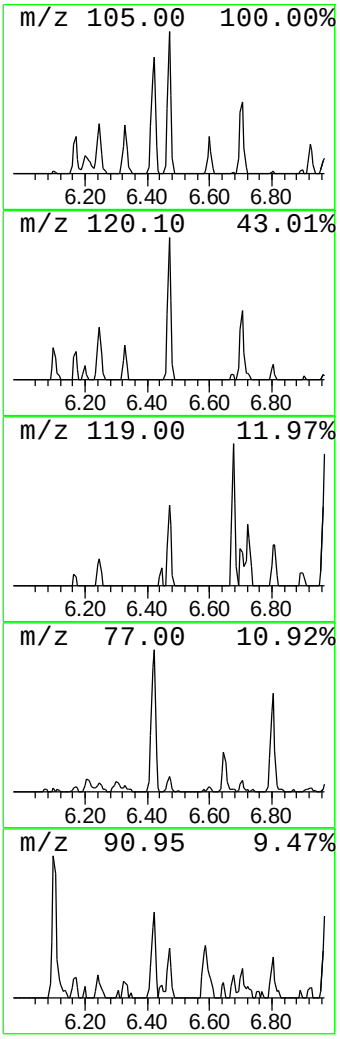
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	2.68 ng	124692	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091417\
Data File : BF098528.D
Acq On : 14 Sep 2017 14:44
Operator : SJ/JU
Sample : I5159-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-5-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

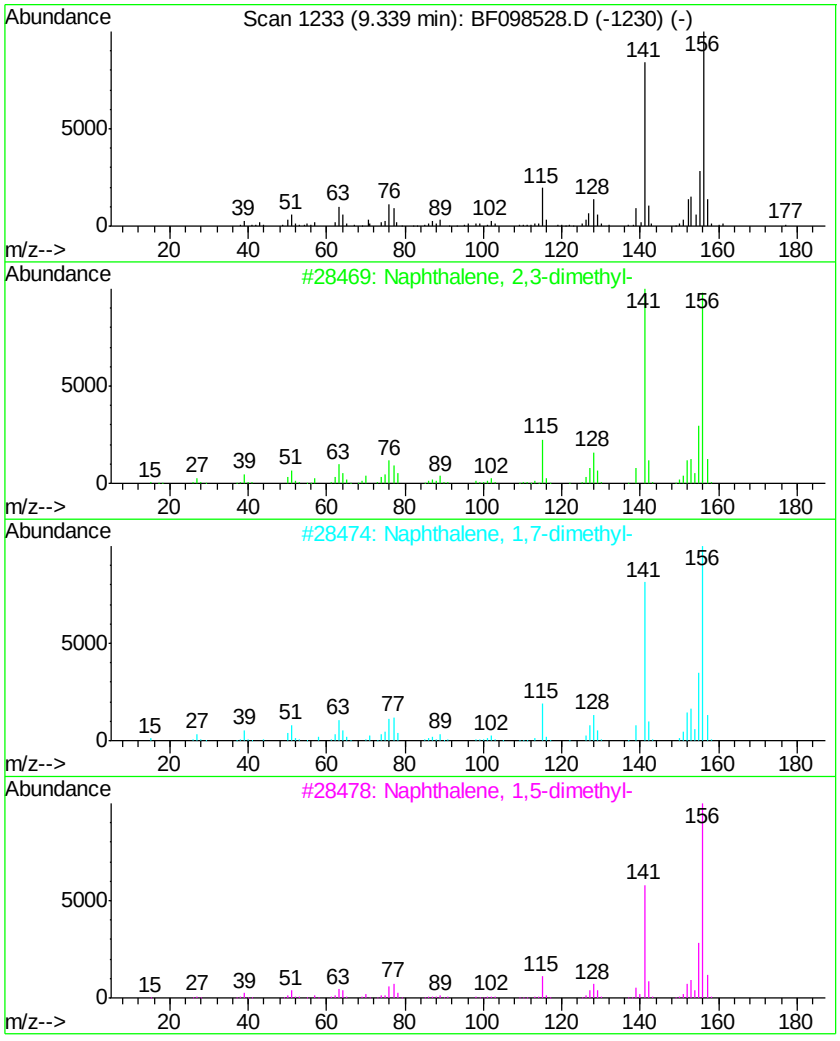
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

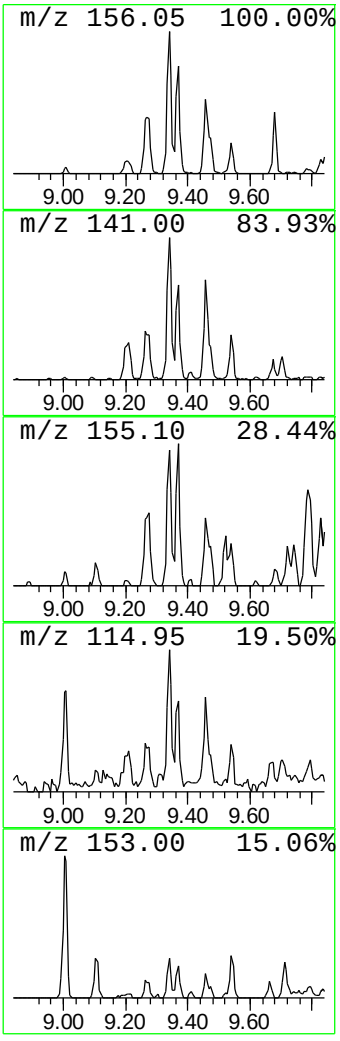
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	3.09 ng	201768	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091417\
Data File : BF098528.D
Acq On : 14 Sep 2017 14:44
Operator : SJ/JU
Sample : I5159-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-5-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

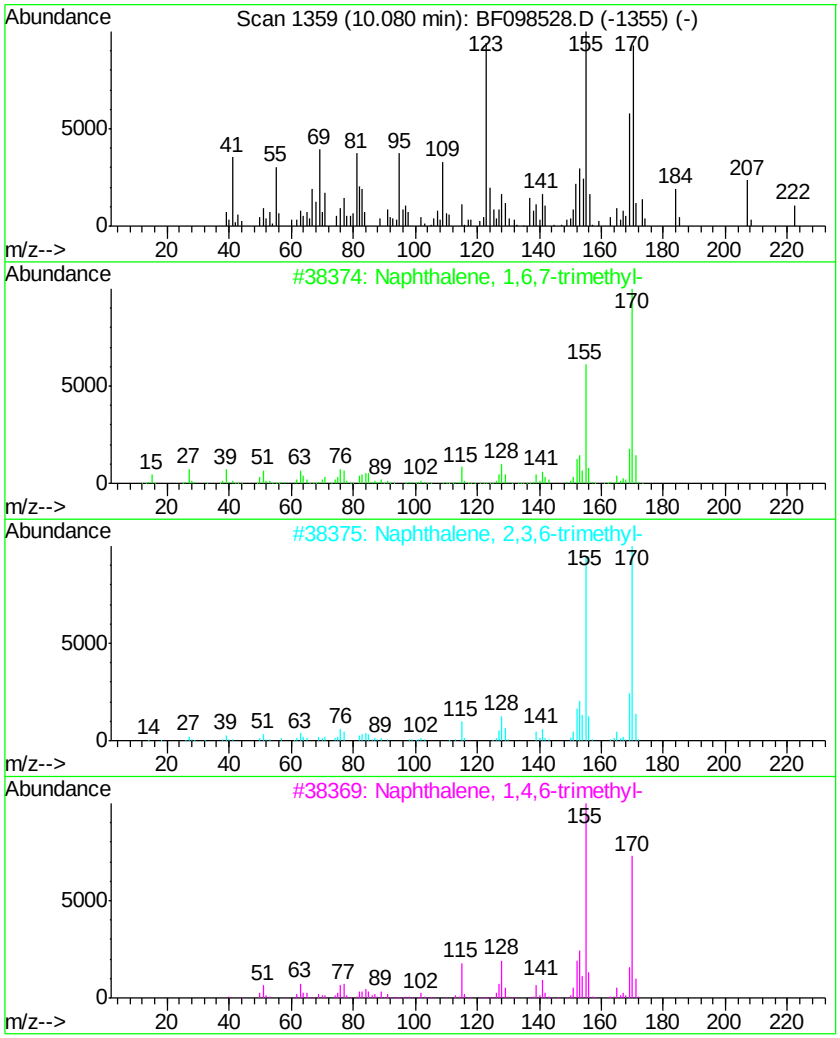
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

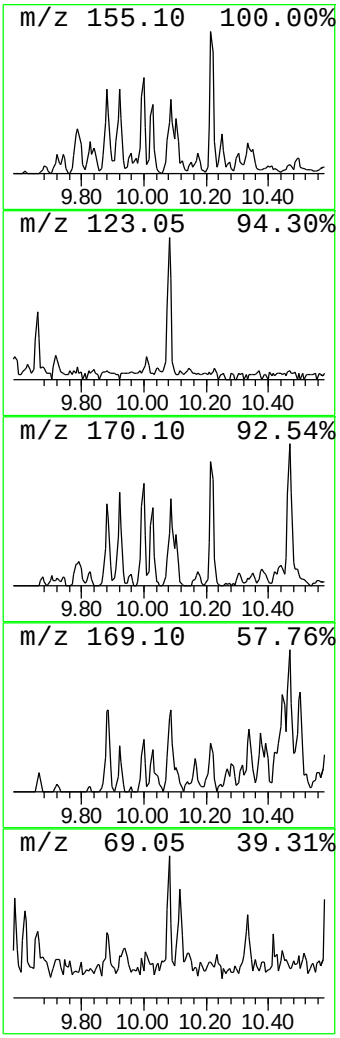
****

Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	2.35 ng	153089	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	70





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Acq On : 14 Sep 2017 14:44
Operator : SJ/JU
Sample : I5159-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-5-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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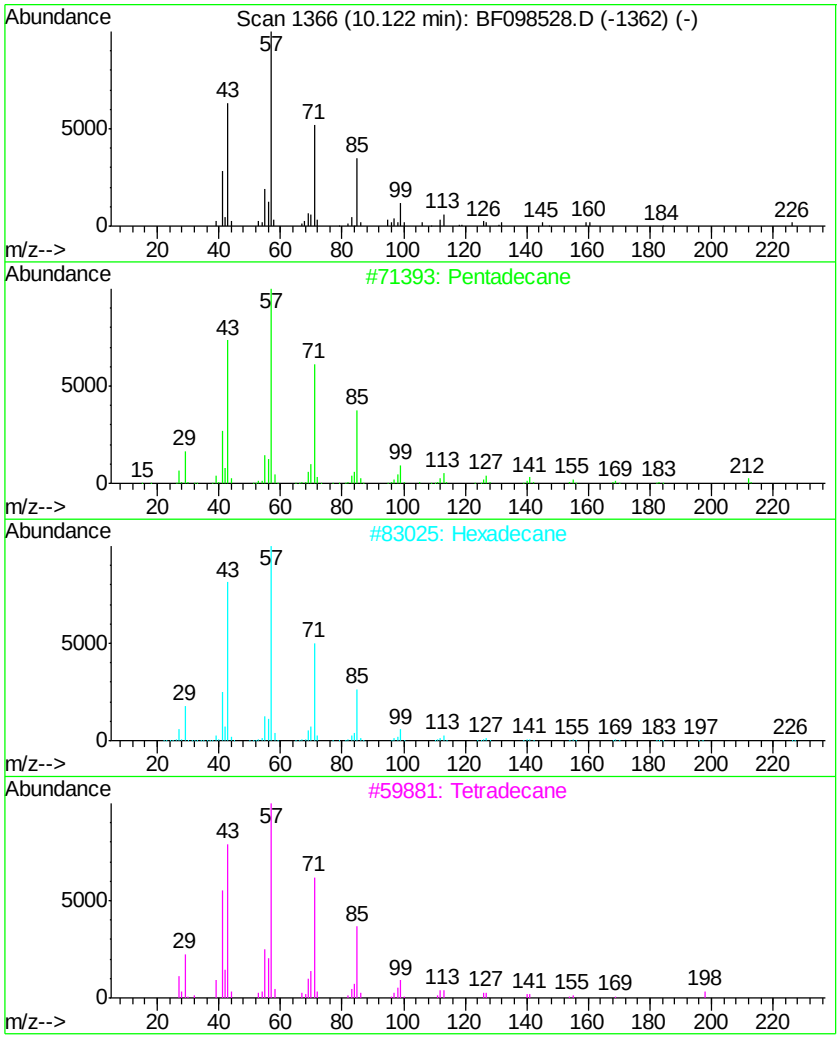
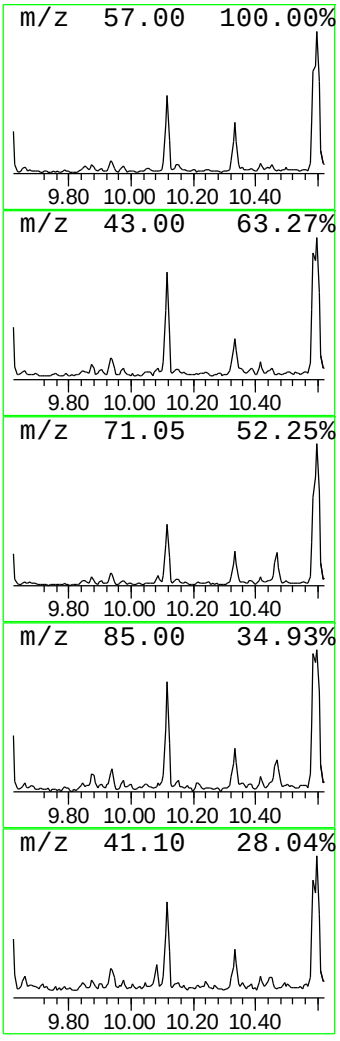
Peak Number 8 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	2.48 ng	162130	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





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Misc :
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Instrument : BNA_F
ClientSampleId : G-5-1

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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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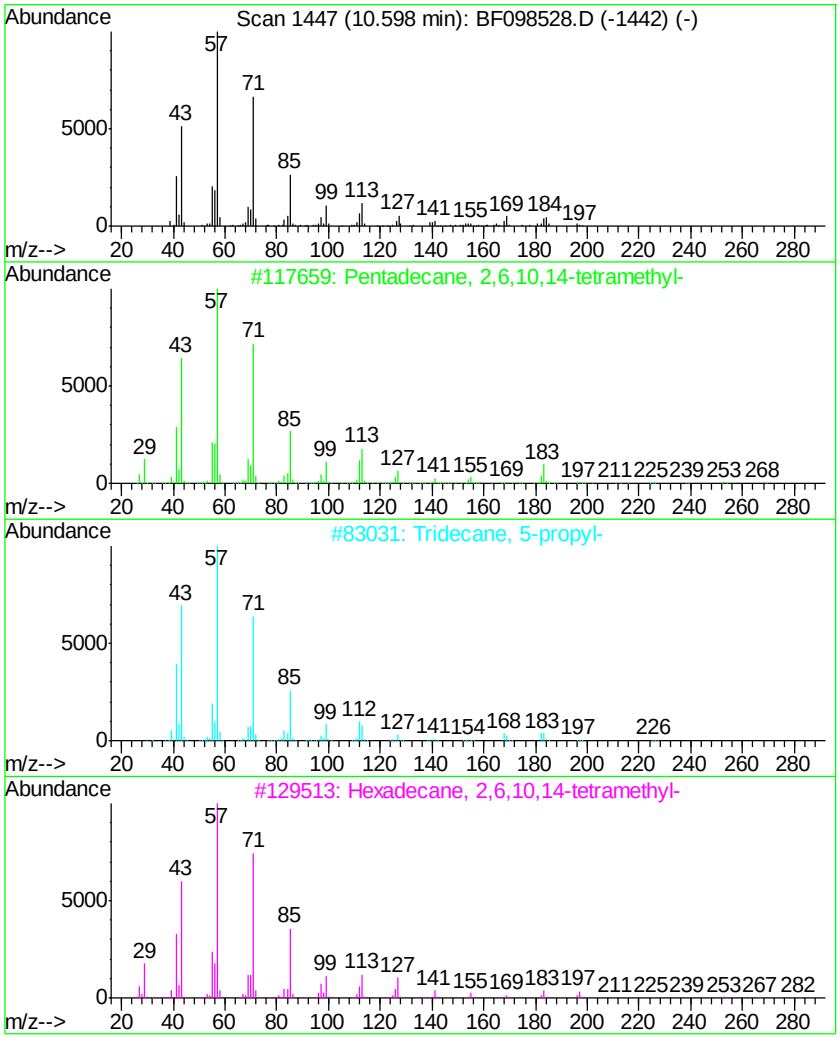
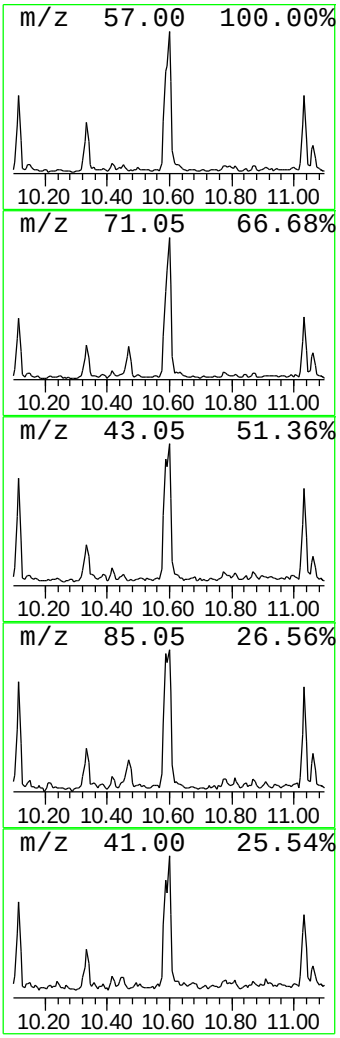
Peak Number 9 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	9.20 ng	524821	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	5,5-Dibutylnonane	240	C17H36	006008-17-9	64





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Sample : I5159-01
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-5-1

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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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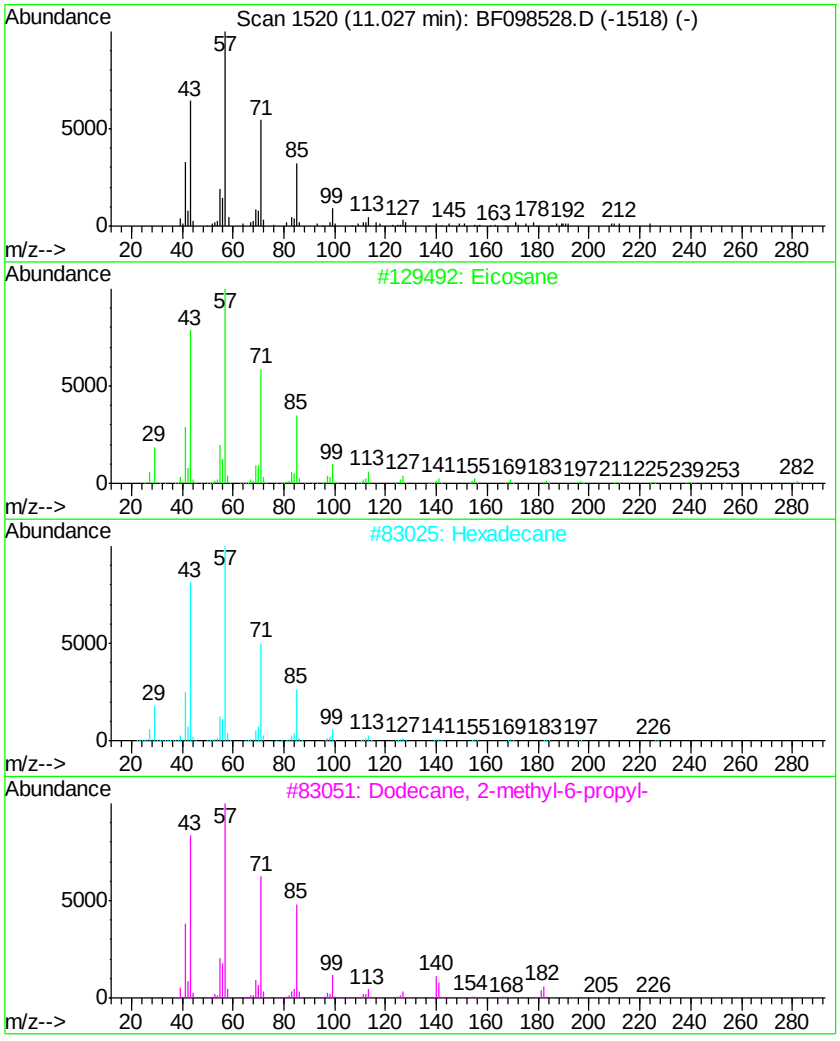
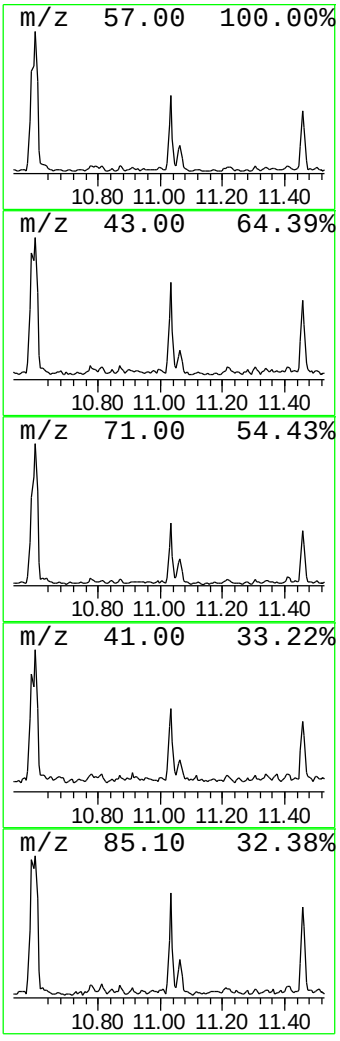
Peak Number 10 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	3.41 ng	194818	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Tetracosane	338	C24H50	000646-31-1	80
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80





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Sample : I5159-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-5-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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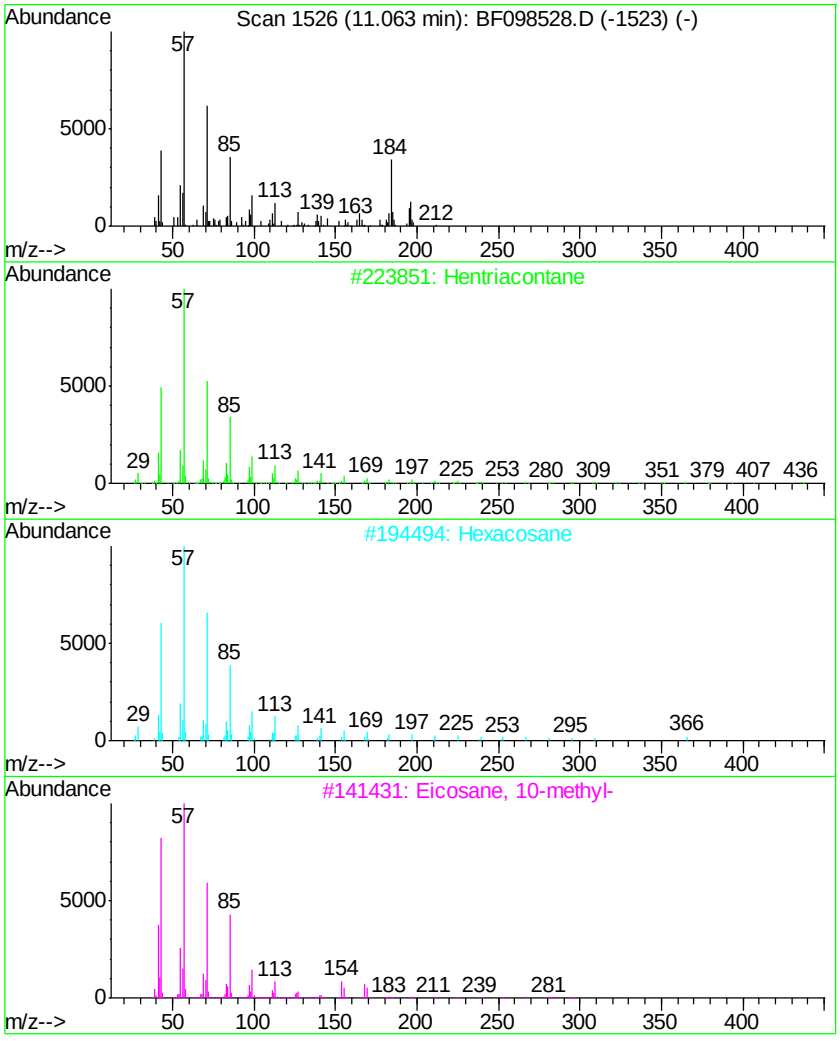
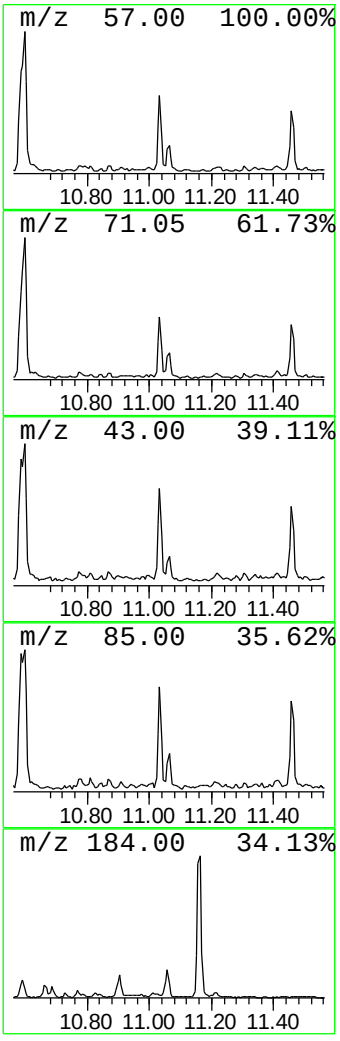
Peak Number 11 Hentriacontane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	2.20 ng	125642	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	58
2	Hexacosane	366	C26H54	000630-01-3	52
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	52
4	Heneicosane	296	C21H44	000629-94-7	52
5	Pentacosane	352	C25H52	000629-99-2	52





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-5-1

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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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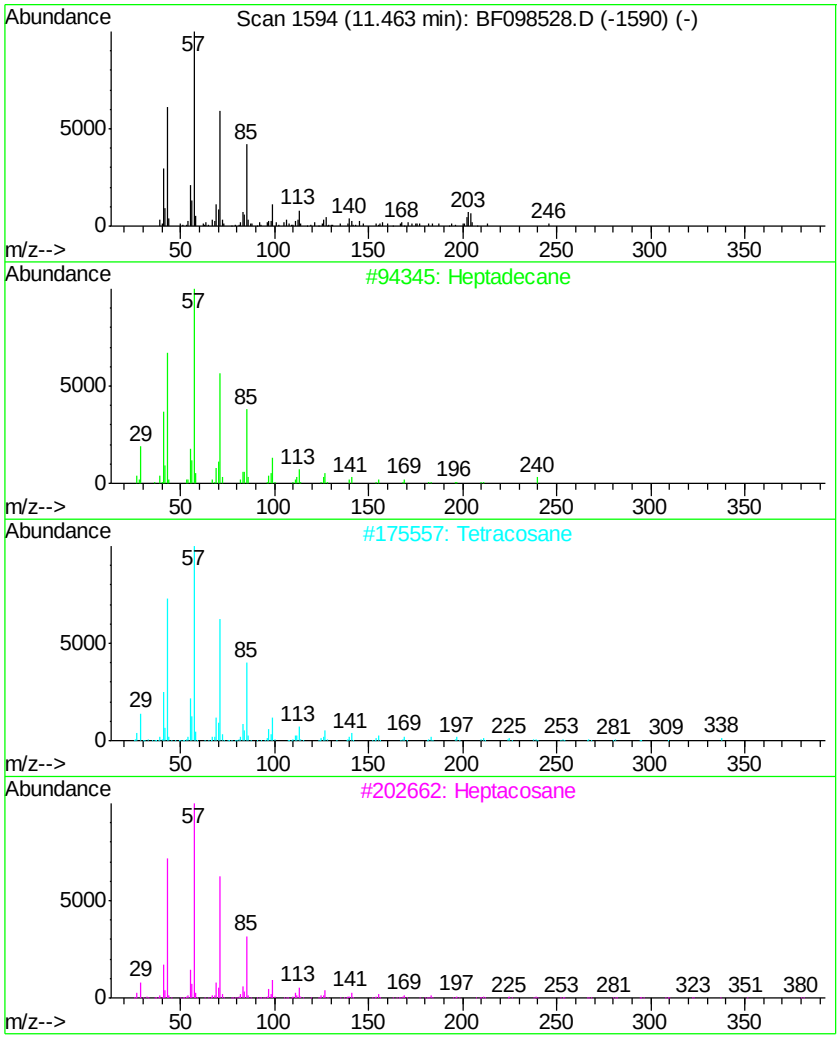
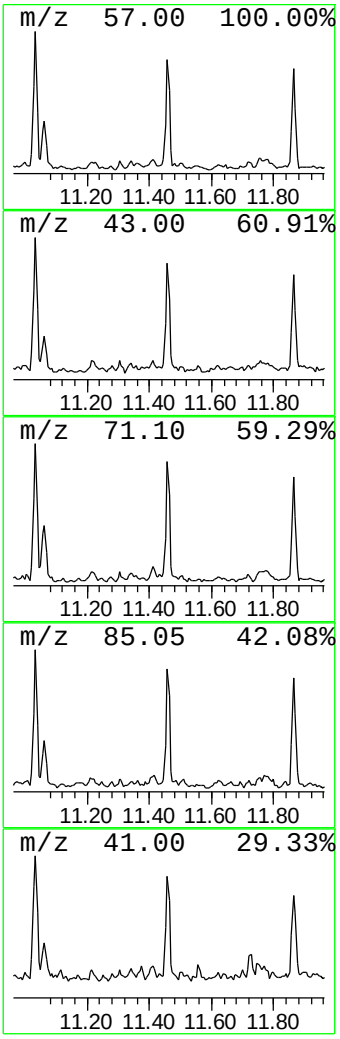
Peak Number 12 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	2.38 ng	136017	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	72
2	Tetracosane	338	C24H50	000646-31-1	72
3	Heptacosane	380	C27H56	000593-49-7	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





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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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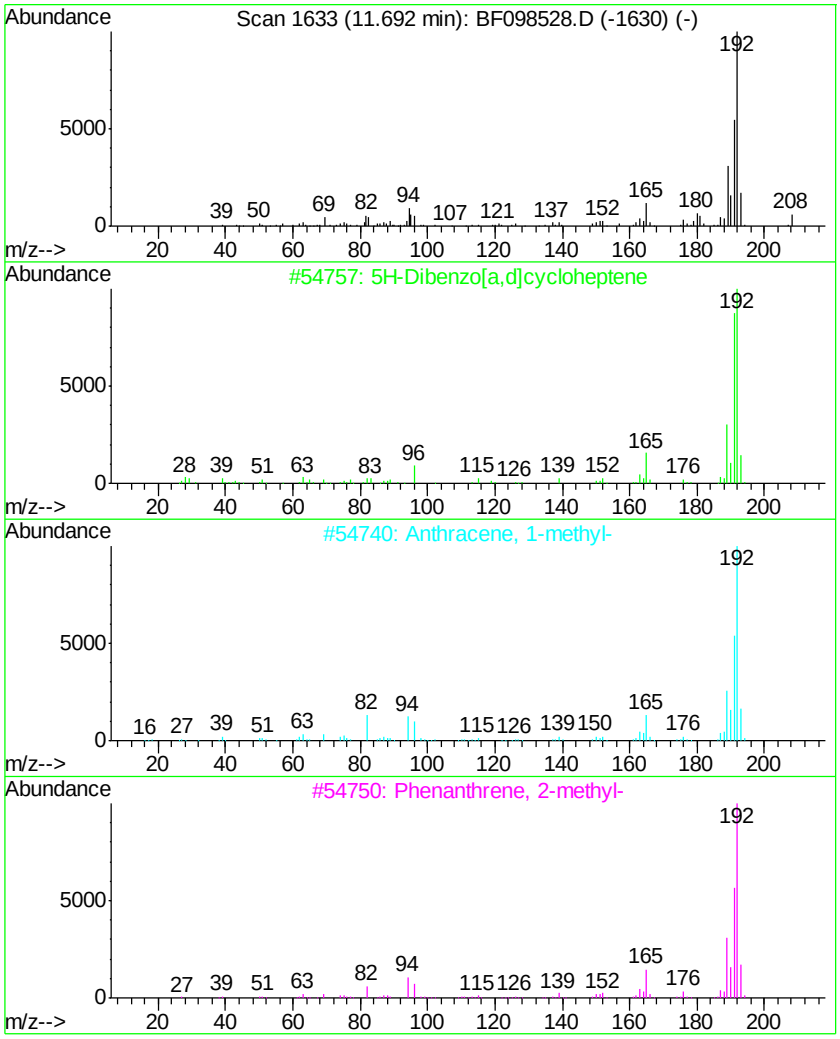
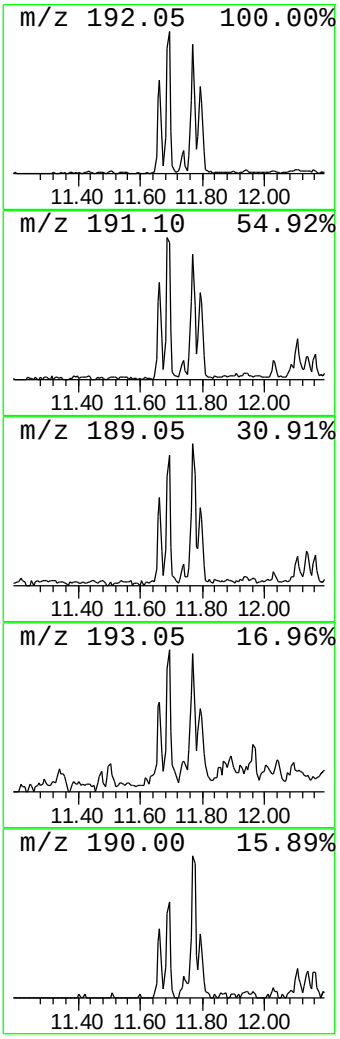
Peak Number 13 5H-Dibenzo[a,d]cycloheptene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	3.20 ng	182754	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Sample : I5159-01
Misc :
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Instrument : BNA_F
ClientSampleId : G-5-1

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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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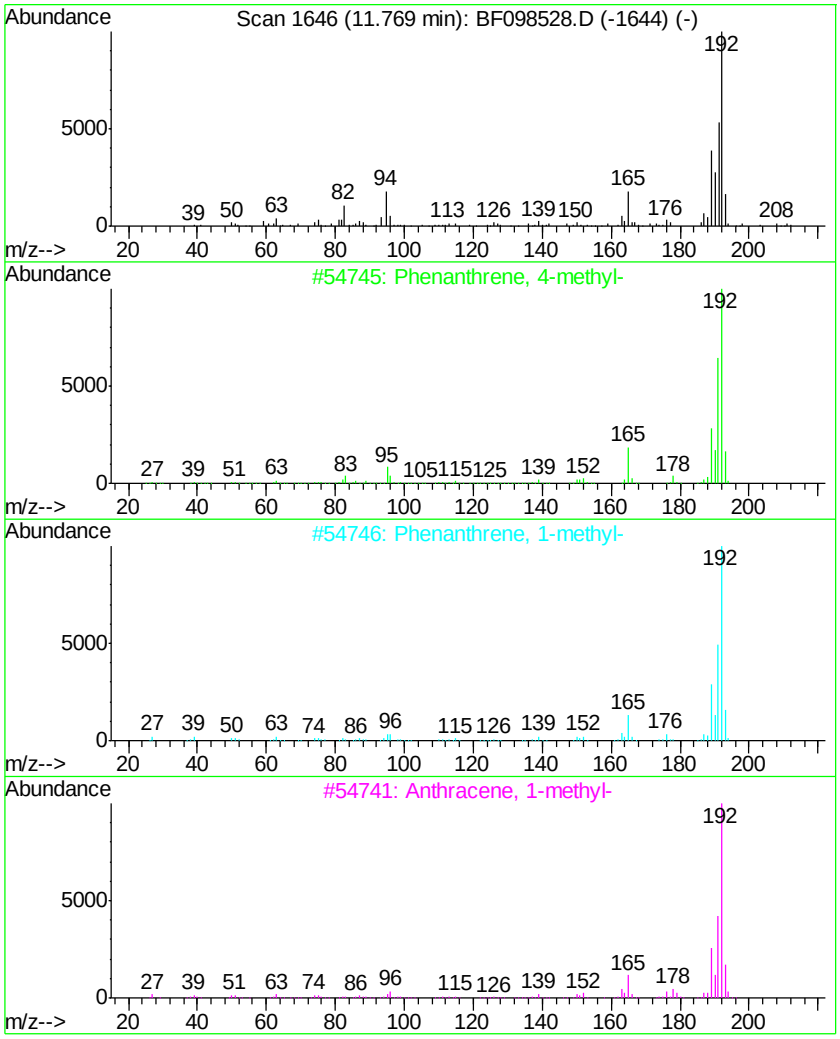
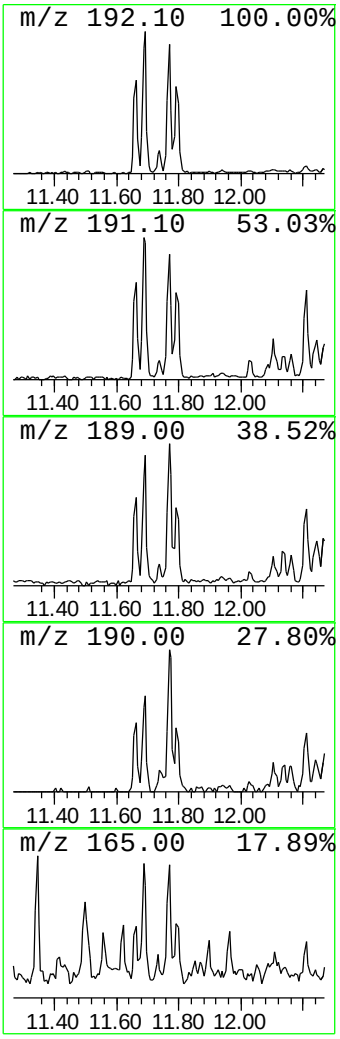
Peak Number 14 Phenanthrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.52 ng	143817	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	70





Library Search Compound Report

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Data File : BF098528.D
Acq On : 14 Sep 2017 14:44
Operator : SJ/JU
Sample : I5159-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-5-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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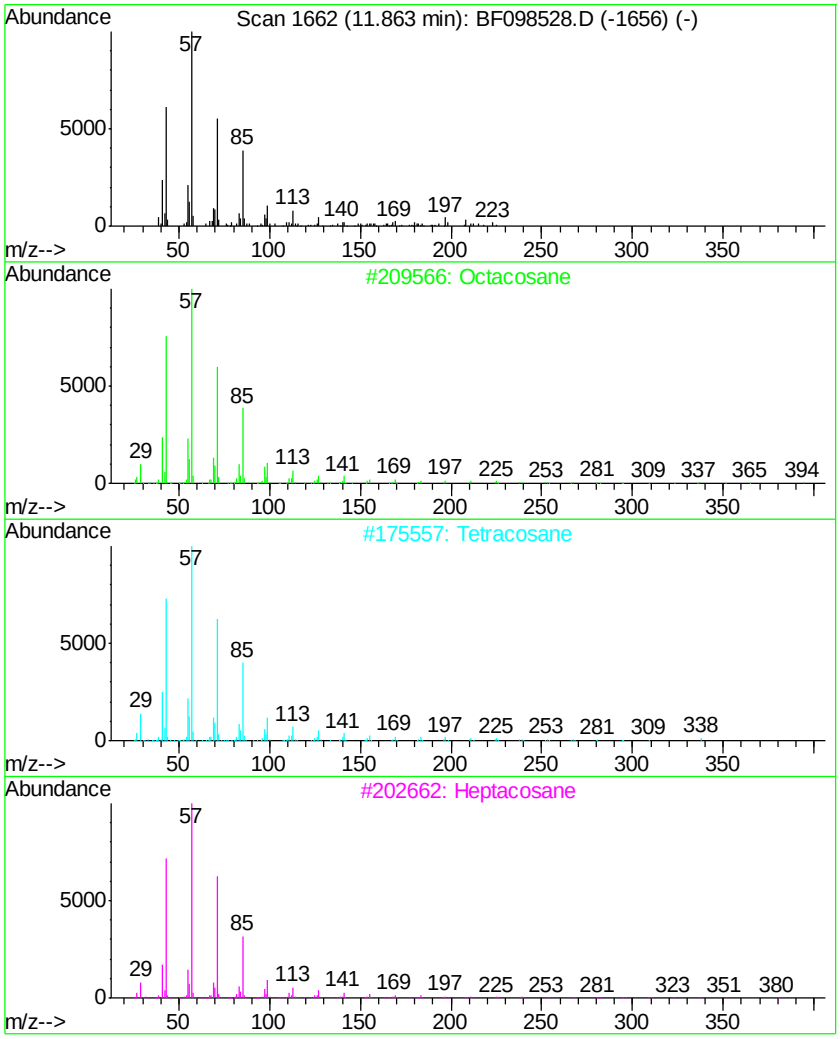
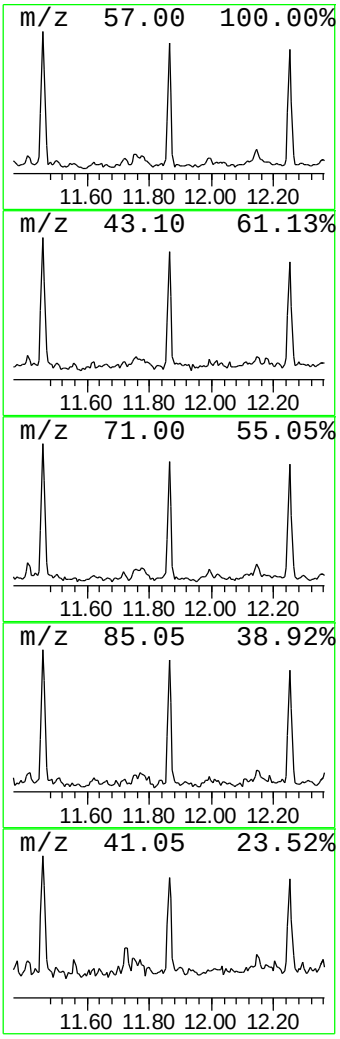
Peak Number 15 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.86 ng	163350	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Tetracosane	338	C24H50	000646-31-1	83
3	Heptacosane	380	C27H56	000593-49-7	83
4	Tetradecane	198	C14H30	000629-59-4	83
5	Tridecane	184	C13H28	000629-50-5	83





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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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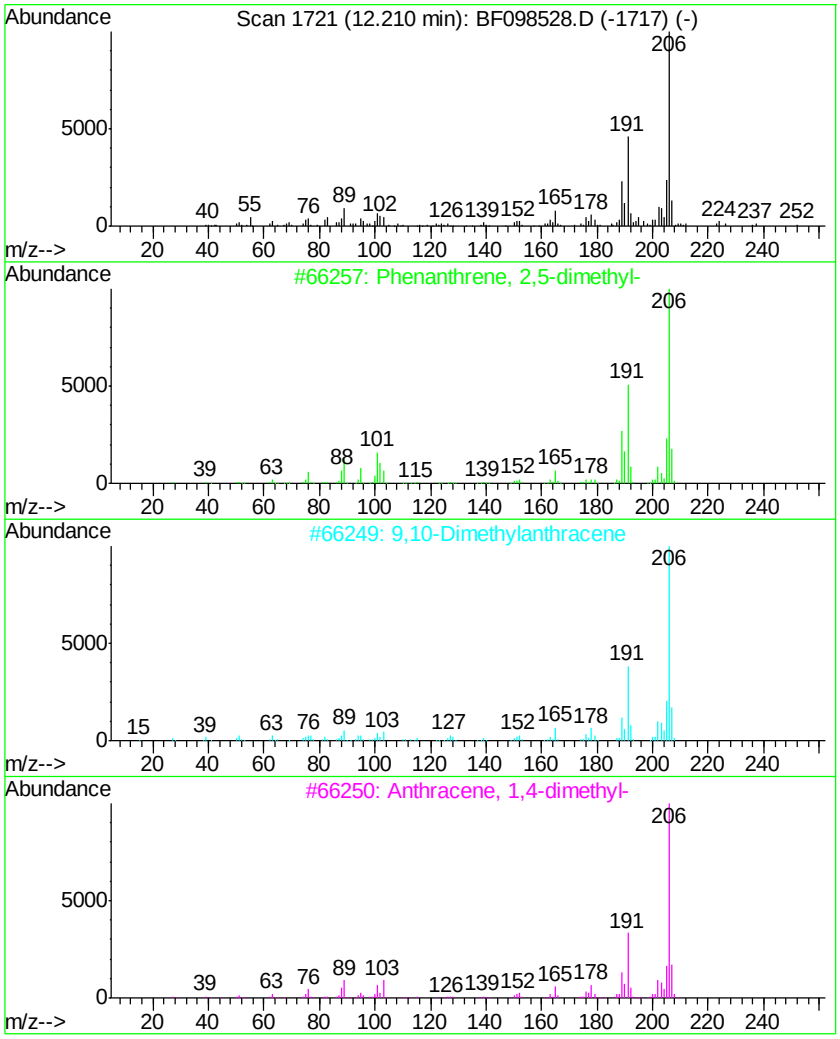
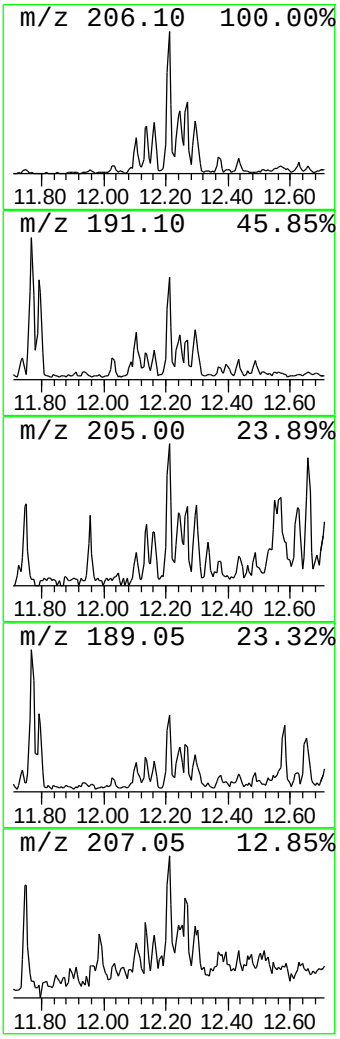
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.65 ng	151243	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	80





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Sample : I5159-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-5-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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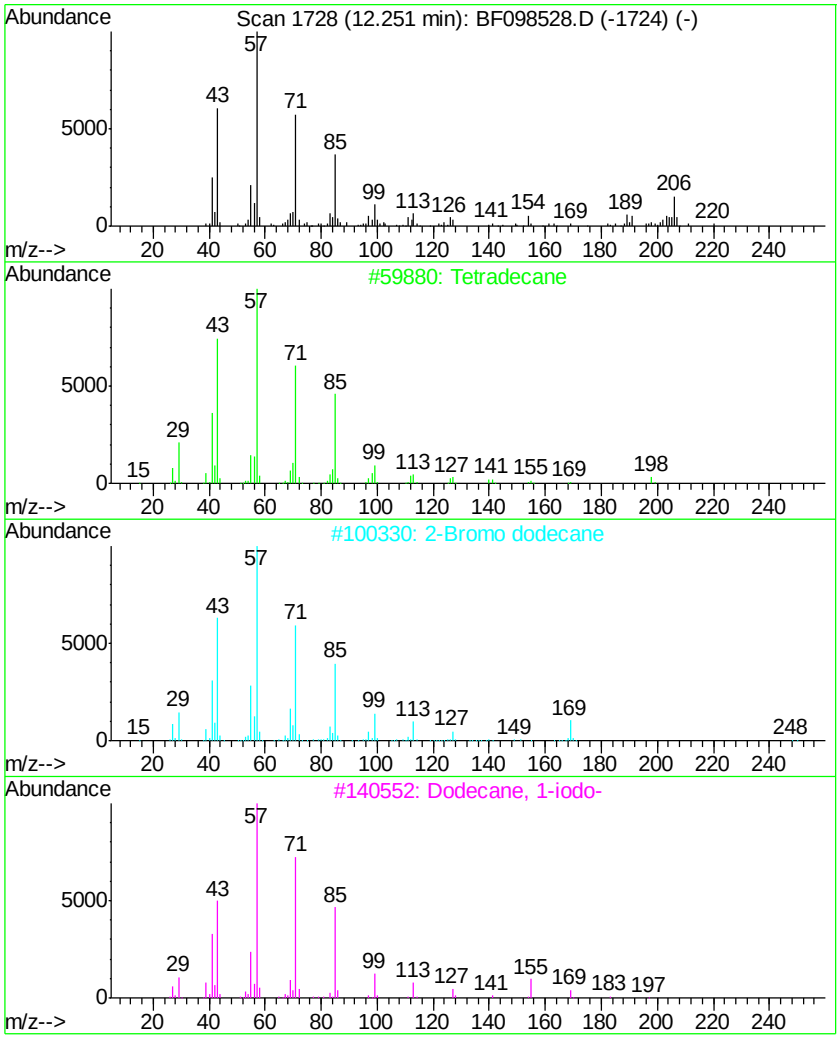
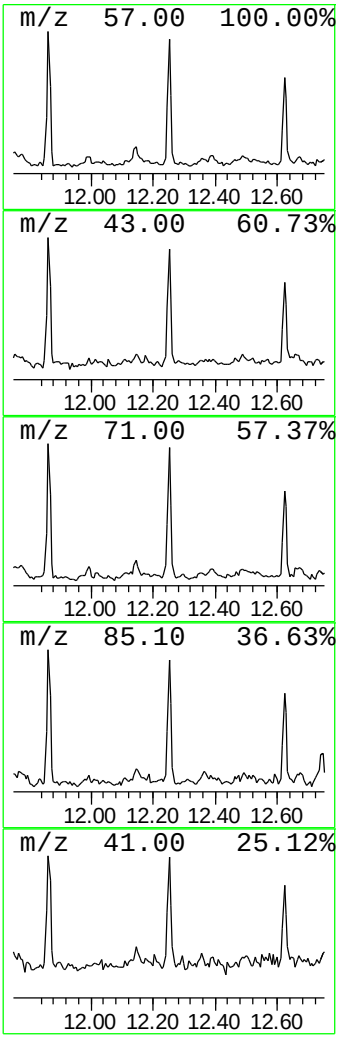
Peak Number 17 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	4.35 ng	248019	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	83
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	58
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58
4	Heptacosane	380	C27H56	000593-49-7	58
5	Pentadecane	212	C15H32	000629-62-9	58





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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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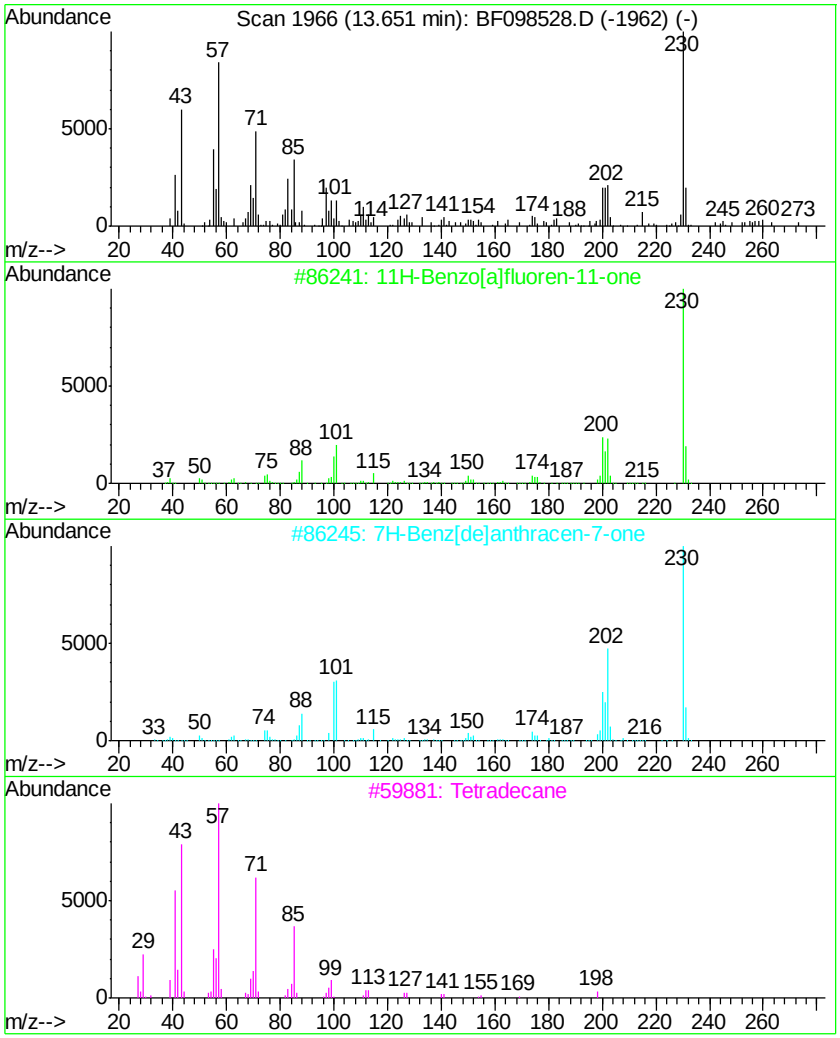
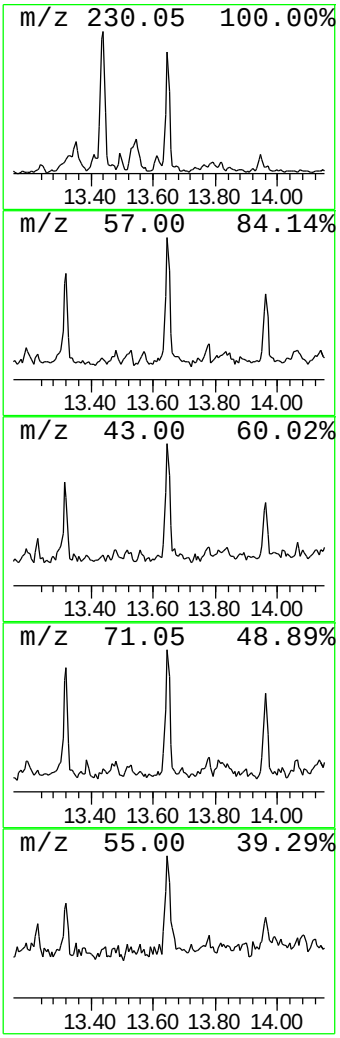
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	3.44 ng	175314	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53
3	Tetradecane	198	C14H30	000629-59-4	44
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	38
5	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	18





Tentatively Identified Compound (LSC) summary

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Data File : BF098528.D
Acq On : 14 Sep 2017 14:44
Operator : SJ/JU
Sample : I5159-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-5-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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
2-Pentanone, 4-hy...	4.83	8.4	ng	389653	1	6.65	929079	20.0
unknown6.42	6.42	79.8	ng	3708870	1	6.65	929079	20.0
Benzene, 1,2,3-tr...	6.47	2.7	ng	124692	1	6.65	929079	20.0
Naphthalene, 2,3-...	9.34	3.1	ng	201768	3	9.68	1305670	20.0
Naphthalene, 1,6,...	10.08	2.4	ng	153089	3	9.68	1305670	20.0
Pentadecane	10.12	2.5	ng	162130	3	9.68	1305670	20.0
Pentadecane, 2,6,...	10.60	9.2	ng	524821	4	11.16	1141290	20.0
Eicosane	11.03	3.4	ng	194818	4	11.16	1141290	20.0
Hentriacontane	11.06	2.2	ng	125642	4	11.16	1141290	20.0
Heptadecane	11.46	2.4	ng	136017	4	11.16	1141290	20.0
5H-Dibenzo[a,d]cy...	11.69	3.2	ng	182754	4	11.16	1141290	20.0
Phenanthrene, 4-m...	11.77	2.5	ng	143817	4	11.16	1141290	20.0
Octacosane	11.86	2.9	ng	163350	4	11.16	1141290	20.0
Phenanthrene, 2,5...	12.21	2.6	ng	151243	4	11.16	1141290	20.0
Tetradecane	12.25	4.3	ng	248019	4	11.16	1141290	20.0
11H-Benzo[a]fluor...	13.65	3.4	ng	175314	5	13.79	1020740	20.0