LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098563.D
Acq On : 15 Sep 2017 12:19
Operator : SJ/JU
Sample : I5160-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-4

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	2.899	134	138	149	rBV	105346	196311	5.10%	0.316%
2	3.546	242	248	259	rVB	526922	875378	22.76%	1.410%
3	4.828	463	466	478	rVB	351829	532847	13.85%	0.858%
4	5.198	524	529	538	rBV	362115	473685	12.31%	0.763%
5	5.269	538	541	558	rBV	2508703	3592806	93.40%	5.788%
6	5.463	571	574	578	rBV	261035	277159	7.20%	0.446%
7	5.881	642	645	651	rVB2	118809	146339	3.80%	0.236%
8	6.163	690	693	697	rVV2	155375	179598	4.67%	0.289%
9	6.240	702	706	711	rVV3	112857	166900	4.34%	0.269%
10	6.310	715	718	734	rVV	2774928	3846763	100.00%	6.197%
11	6.428	734	738	742	rVV	3639000	3743202	97.31%	6.030%
12	6.469	742	745	752	rVB2	214235	349720	9.09%	0.563%
13	6.604	759	768	771	rBV3	119590	238711	6.21%	0.385%
14	6.645	771	775	781	rVB	1037961	1124864	29.24%	1.812%
15	6.798	797	801	805	rBV	3092979	2891757	75.17%	4.658%
16	6.922	815	822	825	rVB4	78009	130587	3.39%	0.210%
17	7.216	868	872	875	rVV	2480138	2401351	62.43%	3.868%
18	7.245	875	877	880	rVV	241739	197761	5.14%	0.319%
19	7.928	987	993	995	rBV	1435817	1503980	39.10%	2.423%
20	7.951	995	997	1000	rVV	671931	566204	14.72%	0.912%
21	7.992	1002	1004	1007	rVV2	159107	149022	3.87%	0.240%
22	8.351	1062	1065	1069	rVV	220833	205684	5.35%	0.331%
23	8.522	1091	1094	1099	rBV	284204	272526	7.08%	0.439%
24	8.639	1111	1114	1117	rVB	836308	649781	16.89%	1.047%
25	8.739	1125	1131	1134	rBV	565618	508559	13.22%	0.819%
26	8.951	1165	1167	1171	rVB	154803	125927	3.27%	0.203%
27	9.010	1171	1177	1180	rBV	3785825	3802505	98.85%	6.125%
28	9.086	1184	1190	1196	rBV2	315399	456356	11.86%	0.735%
29	9.263	1216	1220	1225	rVB	213417	309691	8.05%	0.499%
30	9.339	1230	1233	1235	rVV	385243	377188	9.81%	0.608%
31	9.369	1235	1238	1241	rVV	295674	308603	8.02%	0.497%
32	9.404	1241	1244	1247	rVV	894059	732639	19.05%	1.180%
33	9.457	1250	1253	1258	rVB	205459	222740	5.79%	0.359%
34	9.539	1264	1267	1272	rVB	326032	277972	7.23%	0.448%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098563.D
Acq On : 15 Sep 2017 12:19
Operator : SJ/JU
Sample : I5160-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-4

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	1283	rBV	335161	250174	6.50%	0.403%
36	9.681	1284	1291	1294	rBV	1387312	1408084	36.60%	2.268%
37	9.710	1294	1296	1300	rVB3	160812	177870	4.62%	0.287%
38	9.786	1306	1309	1313	rVB	104605	131199	3.41%	0.211%
39	9.839	1313	1318	1322	rBV5	109231	205153	5.33%	0.330%
40	9.881	1322	1325	1328	rVV	422868	450036	11.70%	0.725%
41	9.922	1330	1332	1340	rVV3	179523	266854	6.94%	0.430%
42	9.998	1342	1345	1347	rVV	163605	173599	4.51%	0.280%
43	10.028	1347	1350	1352	rVV	139451	134796	3.50%	0.217%
44	10.086	1355	1360	1362	rVV3	193853	253060	6.58%	0.408%
45	10.116	1362	1365	1367	rVV2	316305	295803	7.69%	0.477%
46	10.222	1380	1383	1385	rVV2	263075	273704	7.12%	0.441%
47	10.333	1399	1402	1407	rVV3	188191	241361	6.27%	0.389%
48	10.386	1407	1411	1414	rVV2	207982	267583	6.96%	0.431%
49	10.469	1419	1425	1429	rVV	1879394	2007454	52.19%	3.234%
50	10.510	1429	1432	1436	rVB2	85313	129080	3.36%	0.208%
51	10.598	1442	1447	1453	rVB3	551660	759215	19.74%	1.223%
52	10.904	1495	1499	1501	rBV	130396	166176	4.32%	0.268%
53	10.975	1508	1511	1514	rBV	239777	221318	5.75%	0.357%
54	11.010	1514	1517	1519	rVV	106037	133163	3.46%	0.215%
55	11.033	1519	1521	1523	rVV	325562	267597	6.96%	0.431%
56	11.063	1523	1526	1530	rVB4	177202	194642	5.06%	0.314%
57	11.163	1539	1543	1545	rBV	1213056	1066192	27.72%	1.717%
58	11.186	1545	1547	1550	rVV	1094738	832523	21.64%	1.341%
59	11.239	1553	1556	1559	rVV	481383	435472	11.32%	0.701%
60	11.398	1580	1583	1587	rVV2	147164	207236	5.39%	0.334%
61	11.457	1591	1593	1596	rVV	278223	264192	6.87%	0.426%
62	11.492	1597	1599	1605	rVB3	85839	137404	3.57%	0.221%
63	11.663	1625	1628	1630	rVV	248679	214431	5.57%	0.345%
64	11.692	1630	1633	1637	rVV	439222	480995	12.50%	0.775%
65	11.733	1637	1640	1643	rVV2	106772	152242	3.96%	0.245%
66	11.775	1643	1647	1649	rVV2	353009	418327	10.87%	0.674%
67	11.798	1649	1651	1655	rVB	206629	171984	4.47%	0.277%
68	11.869	1657	1663	1666	rBV2	243063	297126	7.72%	0.479%
69	11.957	1675	1678	1681	rVV	209864	204956	5.33%	0.330%
70	11.992	1681	1684	1687	rVB	130353	130762	3.40%	0.211%
71	12.210	1718	1721	1724	rBV	261770	265287	6.90%	0.427%

LSC Area Percent Report

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Data File : BF098563.D
Acq On : 15 Sep 2017 12:19
Operator : SJ/JU
Sample : I5160-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-4

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	1734	rVV3	282699	393592	10.23%	0.634%
73	12.304	1734	1737	1740	rVV	173020	175459	4.56%	0.283%
74	12.374	1745	1749	1753	rBV	1563454	1334315	34.69%	2.149%
75	12.604	1782	1788	1790	rBV2	1312602	1349990	35.09%	2.175%
76	12.627	1790	1792	1794	rVV	243971	189884	4.94%	0.306%
77	12.657	1794	1797	1804	rVB3	120247	187466	4.87%	0.302%
78	12.751	1809	1813	1820	rVB	2365854	2423681	63.01%	3.904%
79	12.822	1821	1825	1832	rBV4	162212	304368	7.91%	0.490%
80	12.927	1837	1843	1846	rVB3	227640	450645	11.71%	0.726%
81	12.980	1850	1852	1857	rVV2	160898	209791	5.45%	0.338%
82	13.033	1857	1861	1868	rVB3	208738	283261	7.36%	0.456%
83	13.157	1879	1882	1887	rVV2	122425	160003	4.16%	0.258%
84	13.233	1891	1895	1901	rVB4	163997	265736	6.91%	0.428%
85	13.327	1908	1911	1914	rBV4	116694	129309	3.36%	0.208%
86	13.445	1928	1931	1934	rVB	273752	244001	6.34%	0.393%
87	13.551	1946	1949	1951	rBV	164850	130700	3.40%	0.211%
88	13.651	1963	1966	1969	rVB2	363141	334007	8.68%	0.538%
89	13.798	1986	1991	1994	rBV2	1148971	1817637	47.25%	2.928%
90	13.827	1994	1996	1999	rVB	867088	689585	17.93%	1.111%
91	14.186	2055	2057	2060	rVB	213248	207830	5.40%	0.335%
92	14.568	2119	2122	2125	rBV	142795	169185	4.40%	0.273%
93	14.668	2136	2139	2141	rBV2	126150	132942	3.46%	0.214%
94	14.816	2160	2164	2167	rBV	1057355	1494732	38.86%	2.408%
95	14.915	2178	2181	2185	rBV	186043	188920	4.91%	0.304%
96	15.092	2207	2211	2217	rVB	624068	722843	18.79%	1.164%
97	15.151	2217	2221	2225	rBV	635034	725999	18.87%	1.169%
98	15.210	2227	2231	2234	rBV	654327	801577	20.84%	1.291%
99	16.551	2454	2459	2469	rVB2	308650	639201	16.62%	1.030%
100	16.951	2523	2527	2535	rVB	213705	399410	10.38%	0.643%

Sum of corrected areas: 62078235

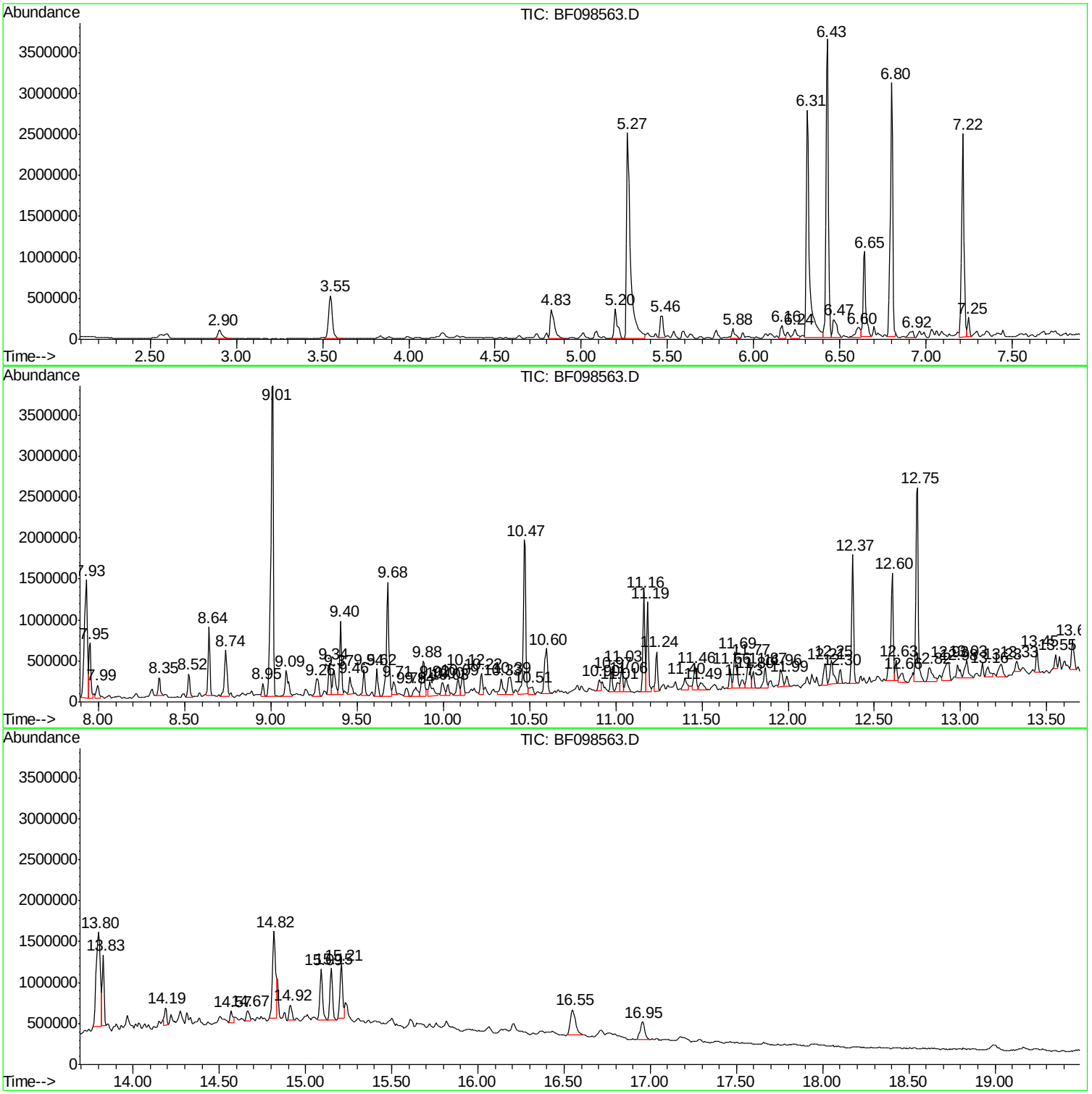
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098563.D
Acq On : 15 Sep 2017 12:19
Operator : SJ/JU
Sample : I5160-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-4

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098563.D
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Sample : I5160-11
Misc :
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Instrument : BNA_F
ClientSampleId : G-4

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

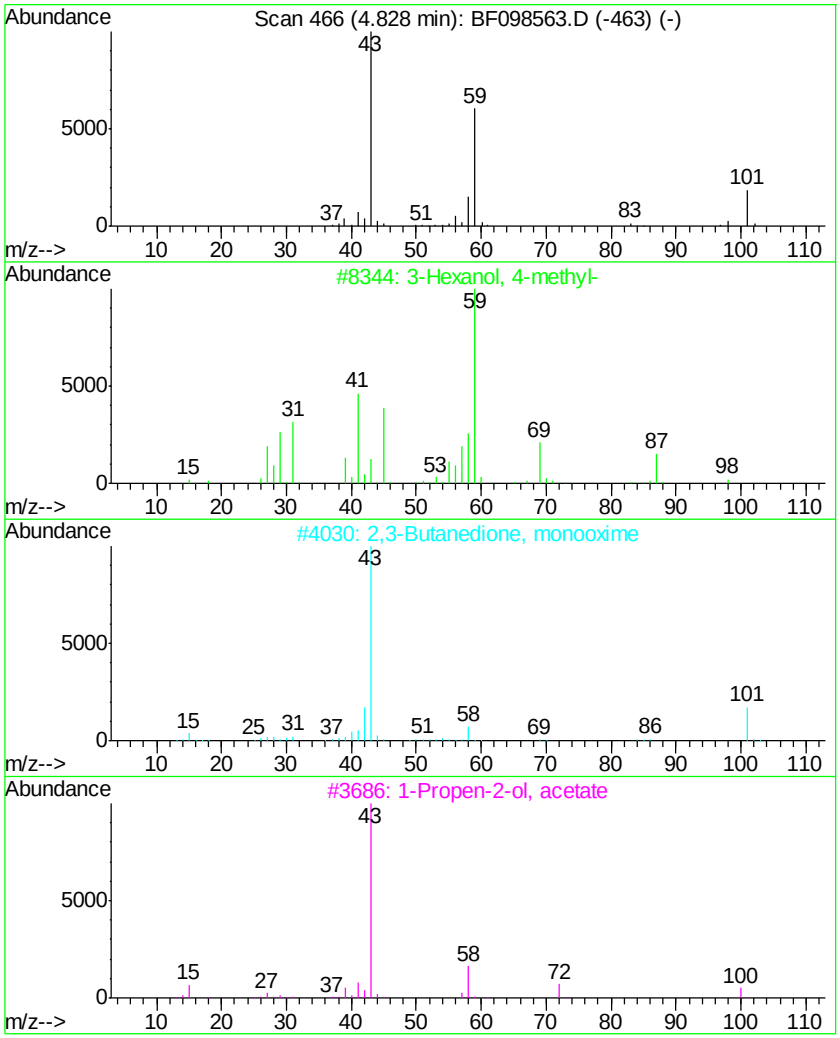
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

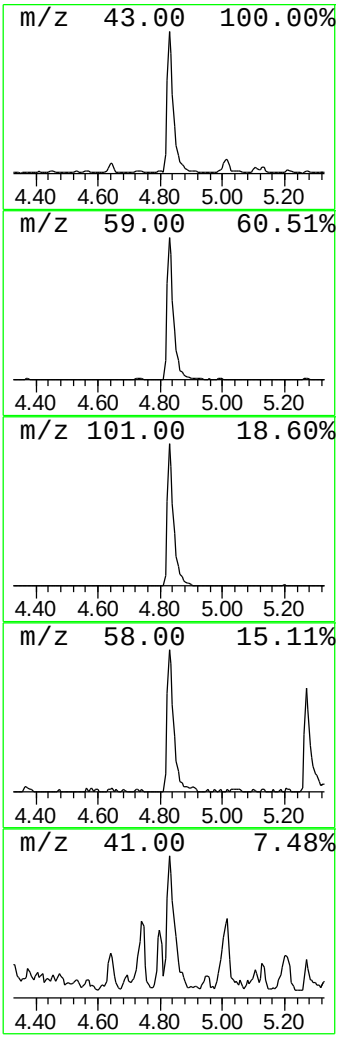
****

Peak Number 2 unknown4.83 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	9.47 ng	532847	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Guanidine	59	CH5N3	000113-00-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098563.D
Acq On : 15 Sep 2017 12:19
Operator : SJ/JU
Sample : I5160-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-4

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

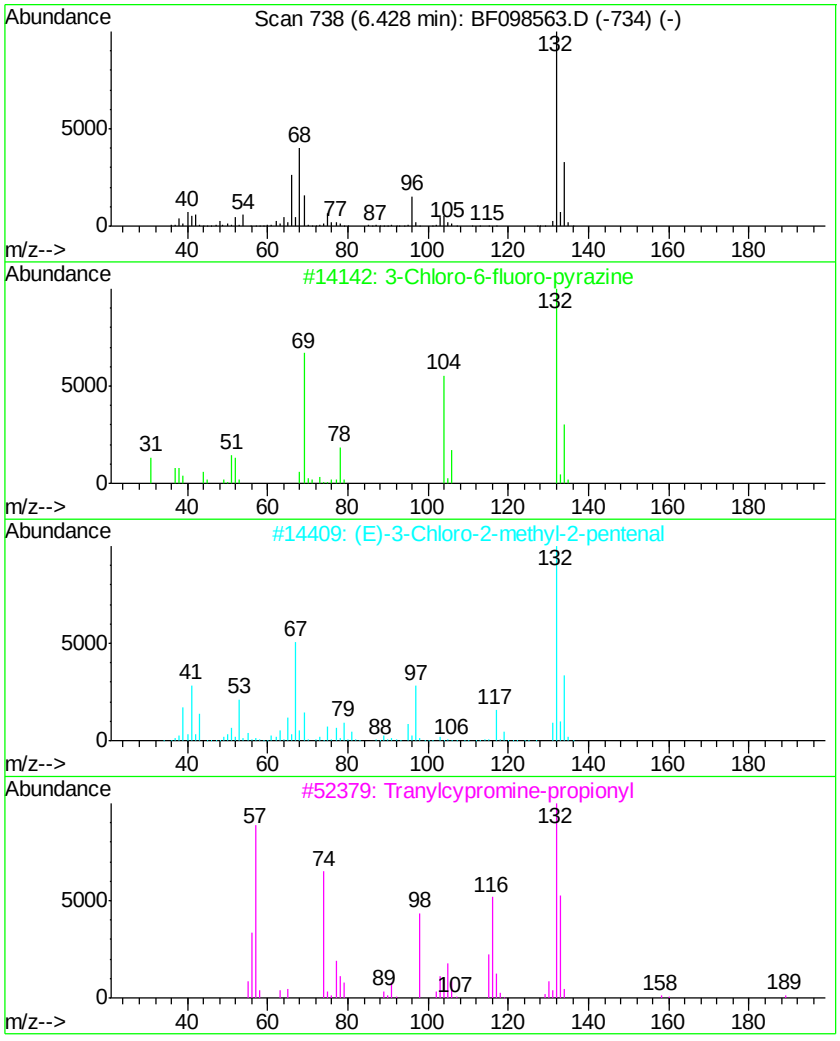
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

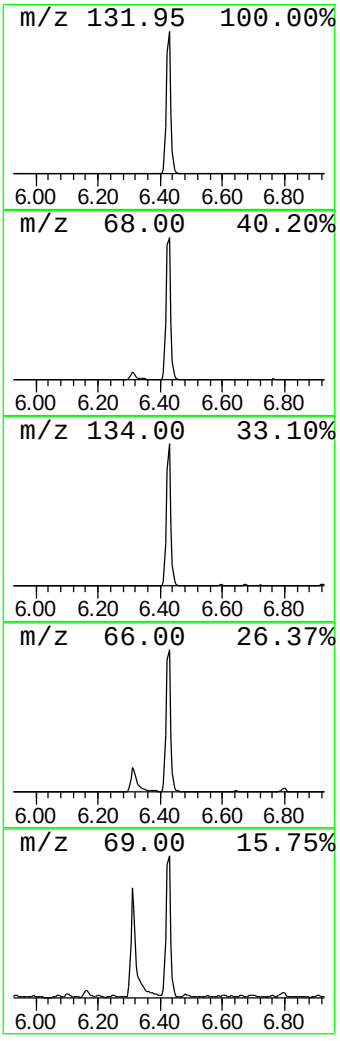
****

Peak Number 5 unknown6.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	66.55 ng	3743200	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Operator : SJ/JU
Sample : I5160-11
Misc :
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Instrument : BNA_F
ClientSampleId : G-4

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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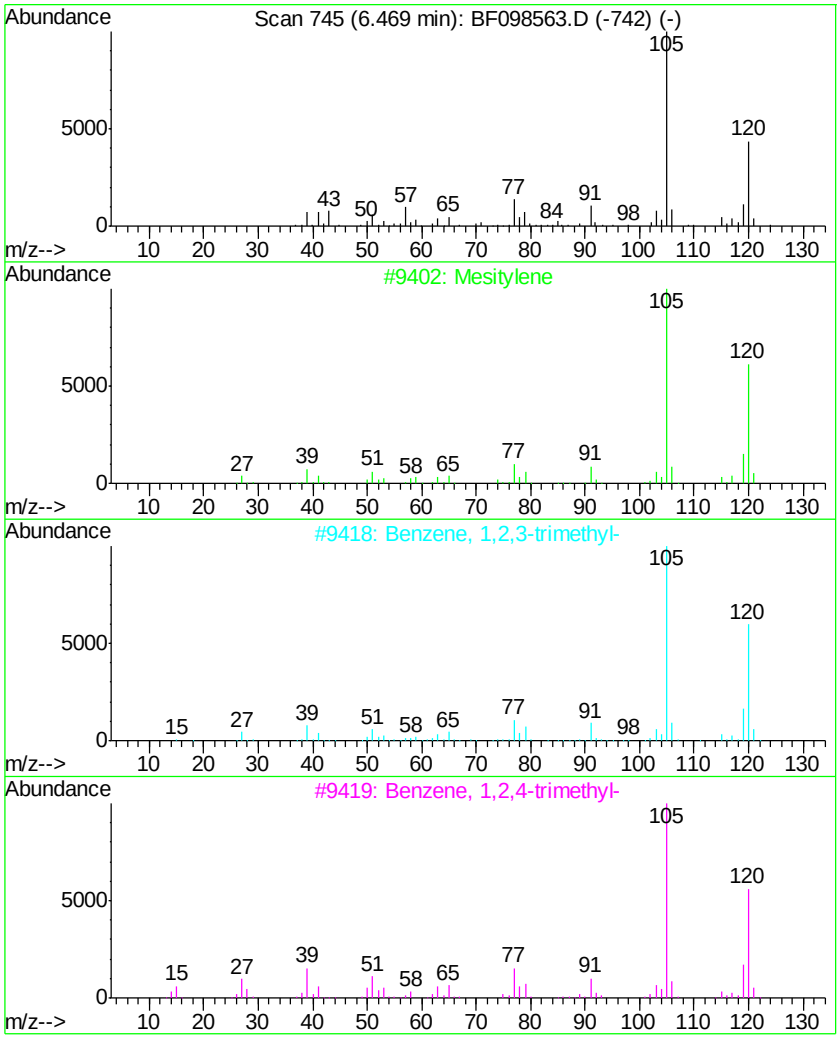
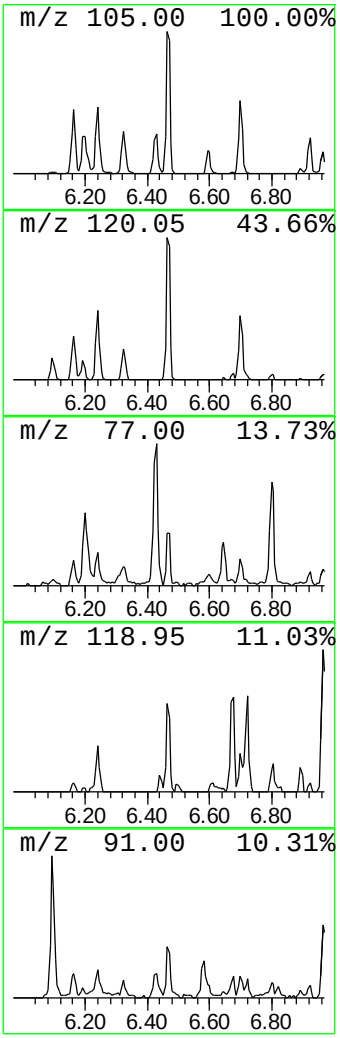
Peak Number 6 Mesitylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	6.22 ng	349720	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098563.D
Acq On : 15 Sep 2017 12:19
Operator : SJ/JU
Sample : I5160-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-4

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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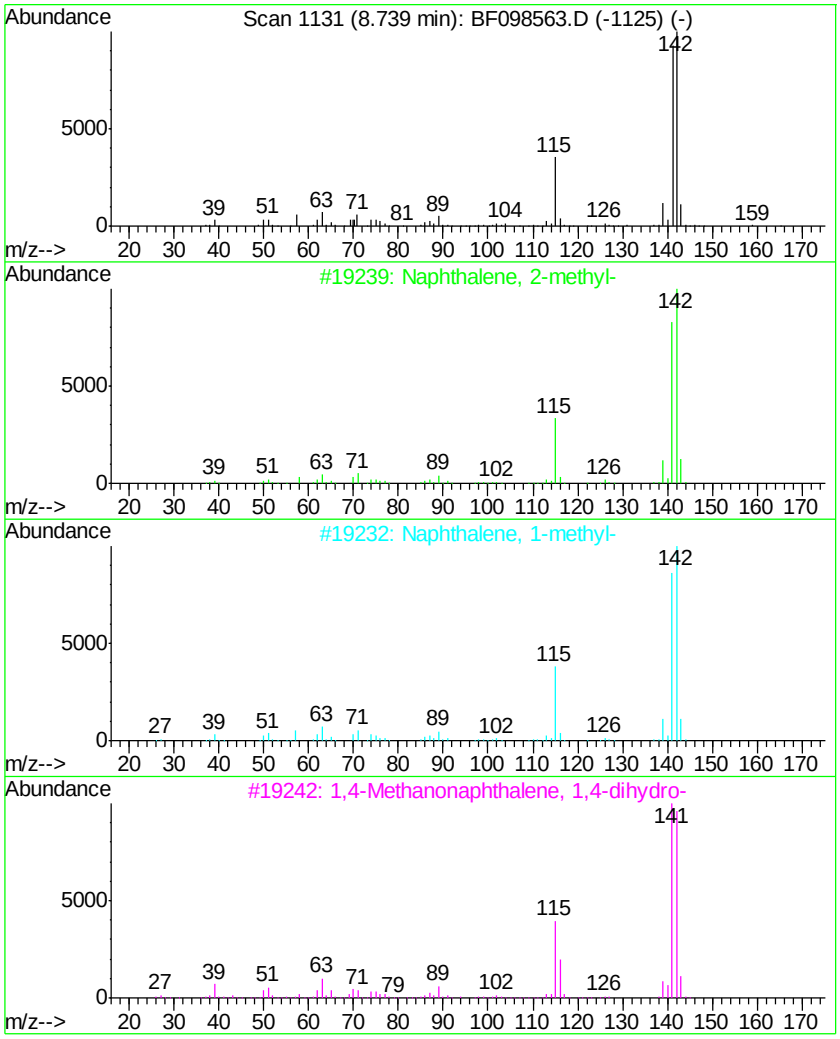
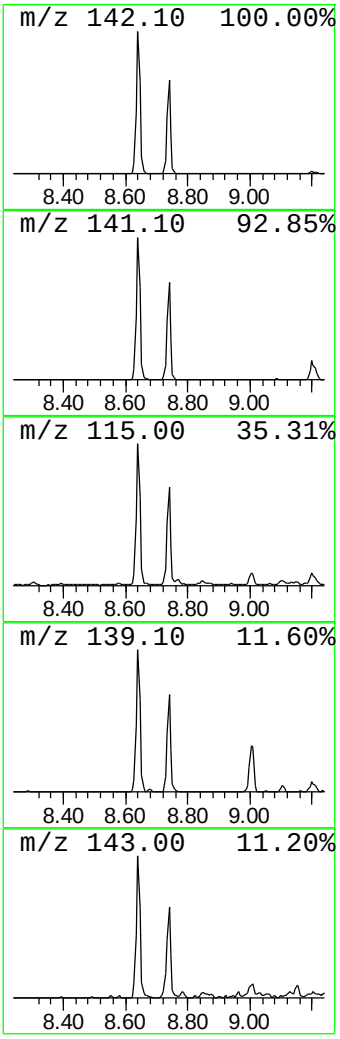
Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	6.76 ng	508559	Naphthalene-d8	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
Data File : BF098563.D
Acq On : 15 Sep 2017 12:19
Operator : SJ/JU
Sample : I5160-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-4

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

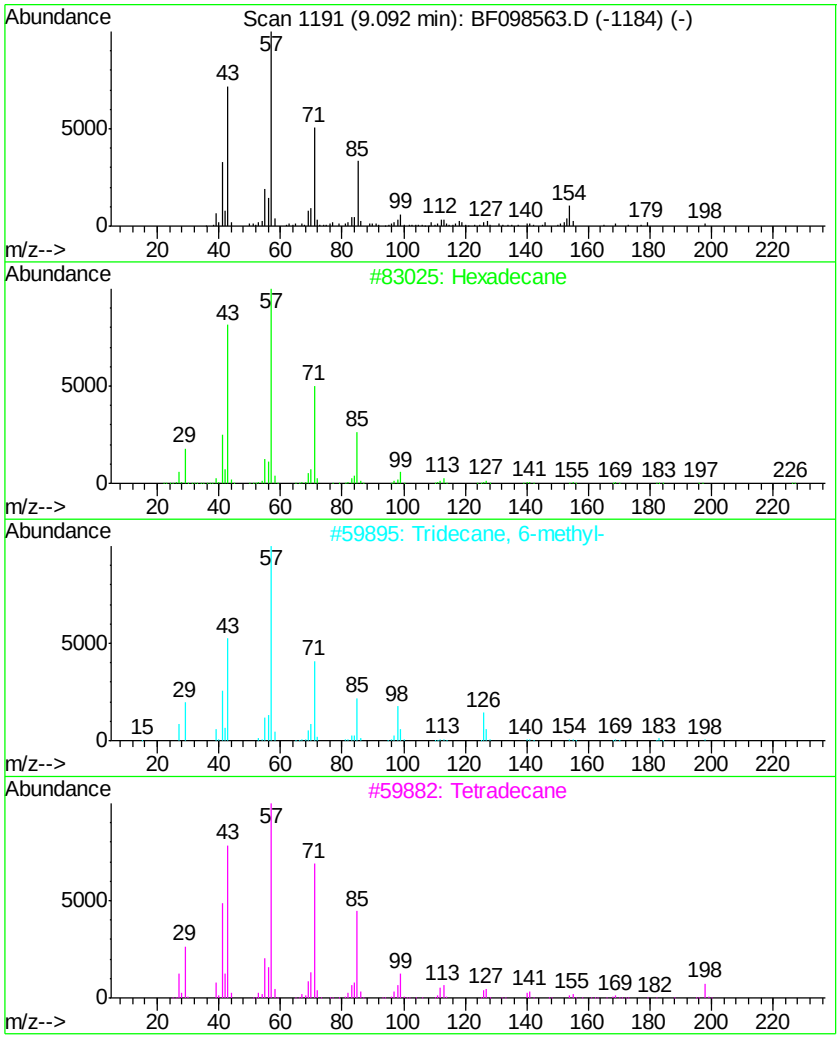
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

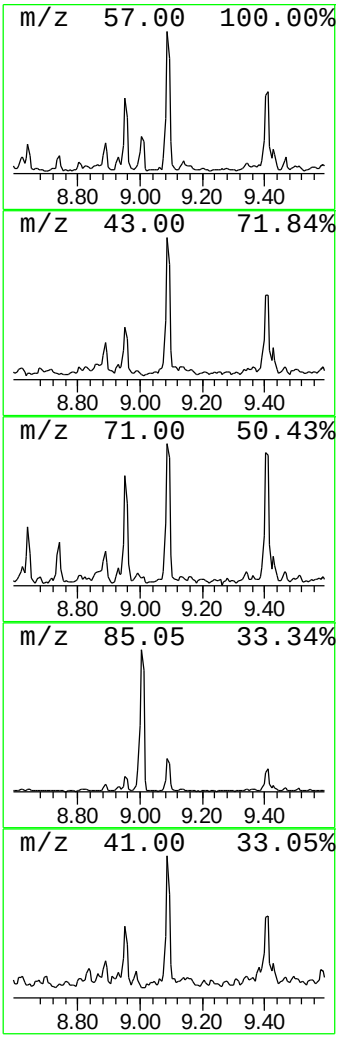
****

Peak Number 9 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	6.48 ng	456356	Acenaphthene-d10	9.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
3	Tetradecane	198	C14H30	000629-59-4	81
4	Pentadecane	212	C15H32	000629-62-9	80
5	Tridecane	184	C13H28	000629-50-5	80





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Data File : BF098563.D
Acq On : 15 Sep 2017 12:19
Operator : SJ/JU
Sample : I5160-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-4

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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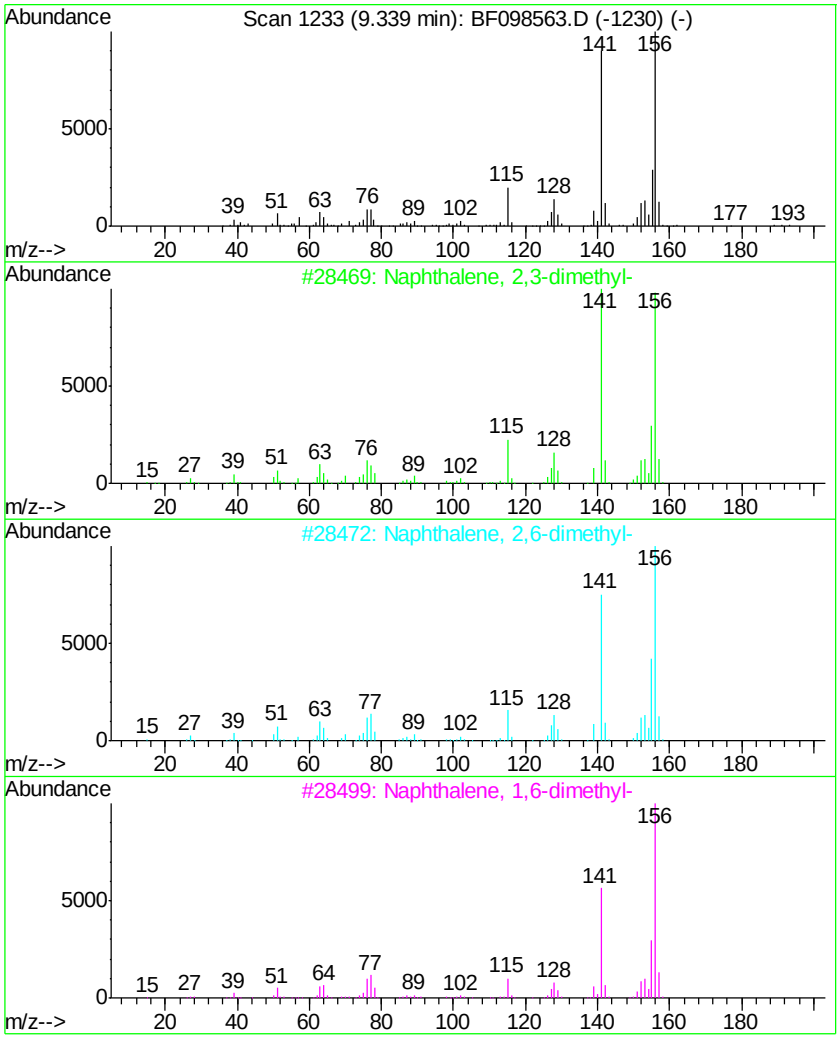
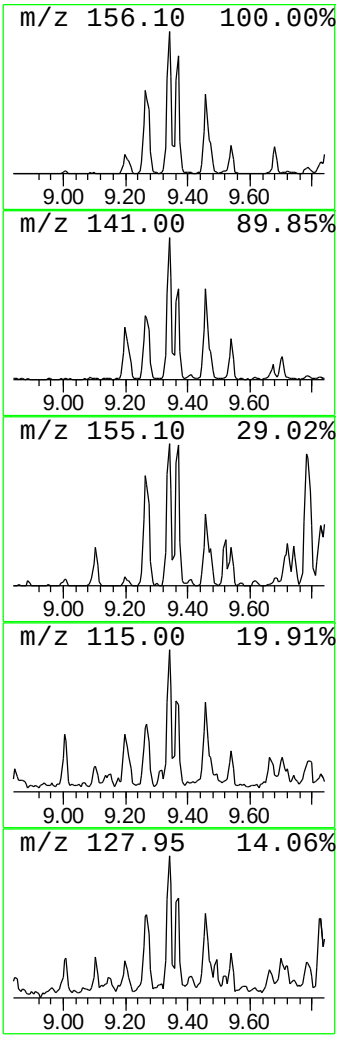
Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	5.36 ng	377188	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, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-4

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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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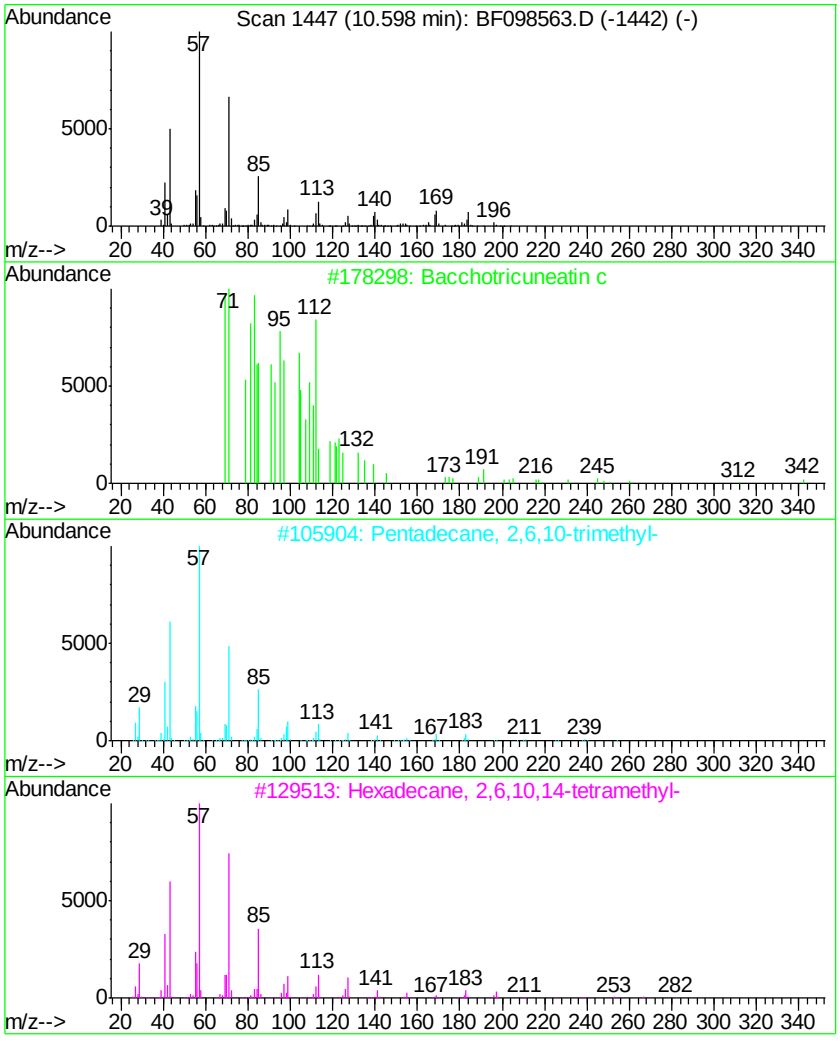
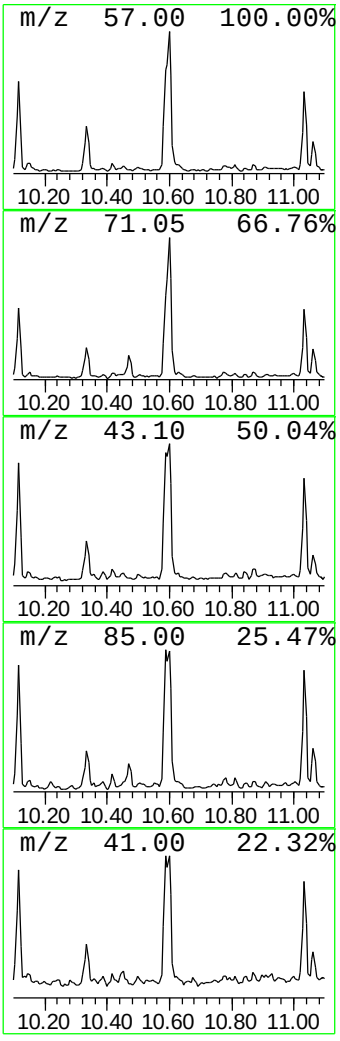
Peak Number 11 Bacchotricuneatin c Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	14.24 ng	759215	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	95
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	64





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Operator : SJ/JU
Sample : I5160-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-4

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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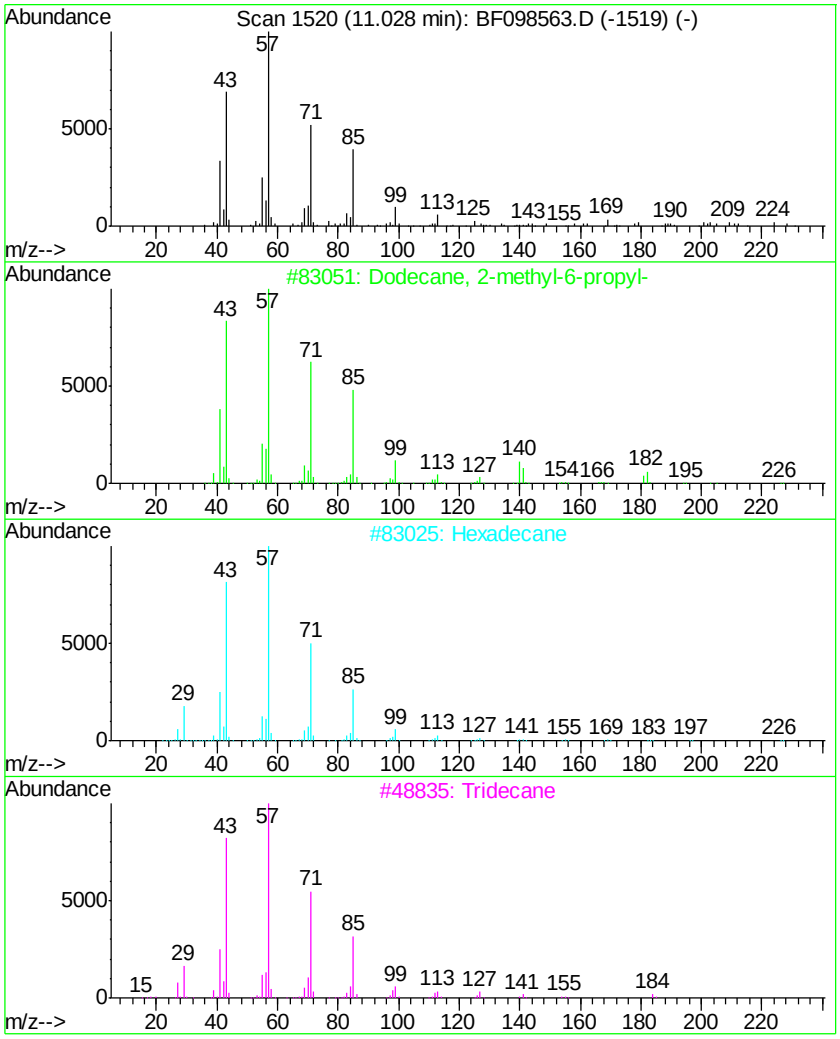
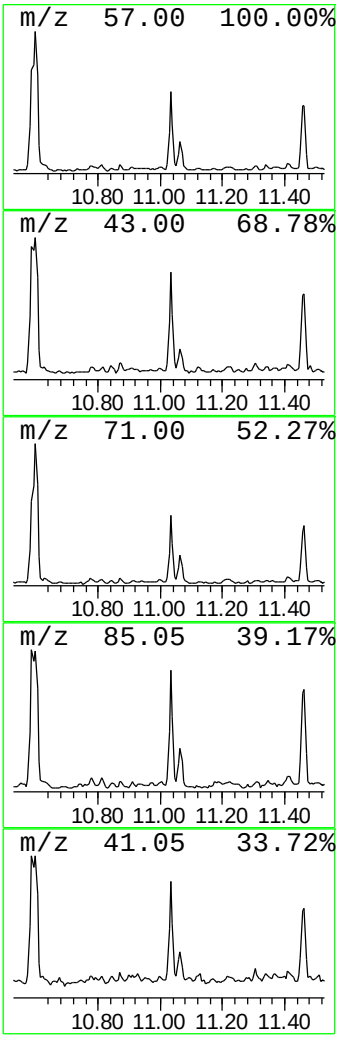
Peak Number 12 Dodecane, 2-methyl-6-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	5.02 ng	267597	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tridecane	184	C13H28	000629-50-5	78
4	Pentadecane	212	C15H32	000629-62-9	72
5	Heptacosane	380	C27H56	000593-49-7	72





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Sample : I5160-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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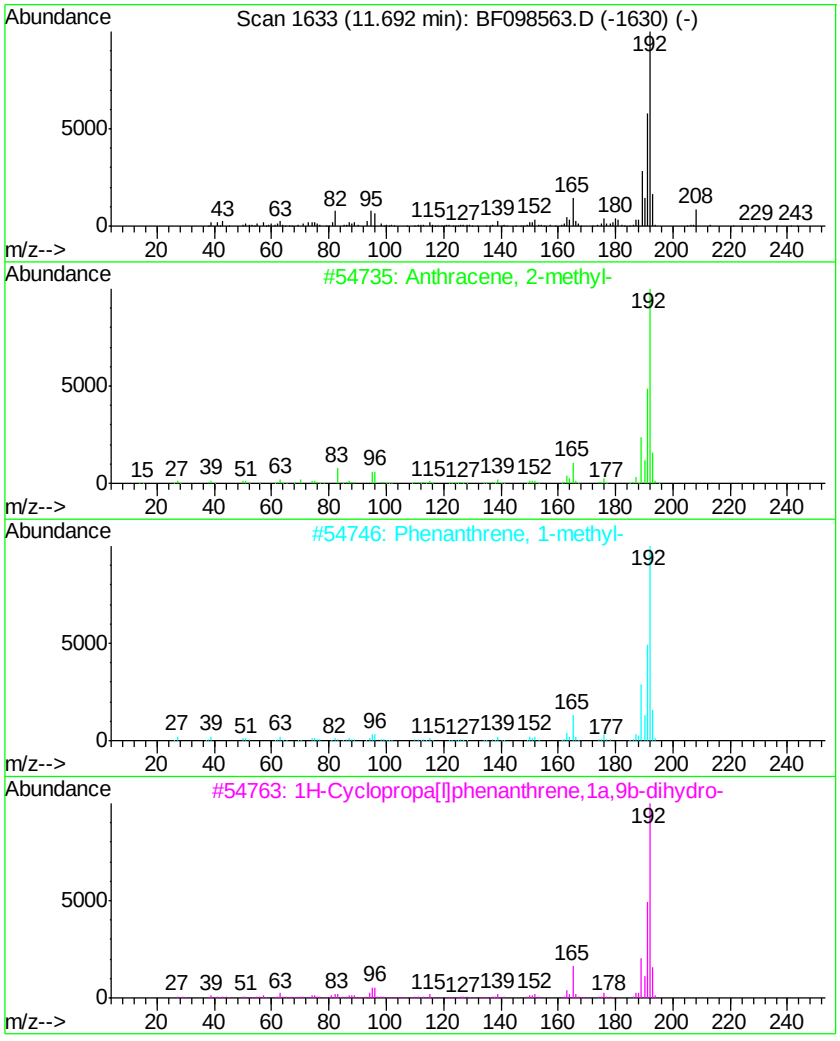
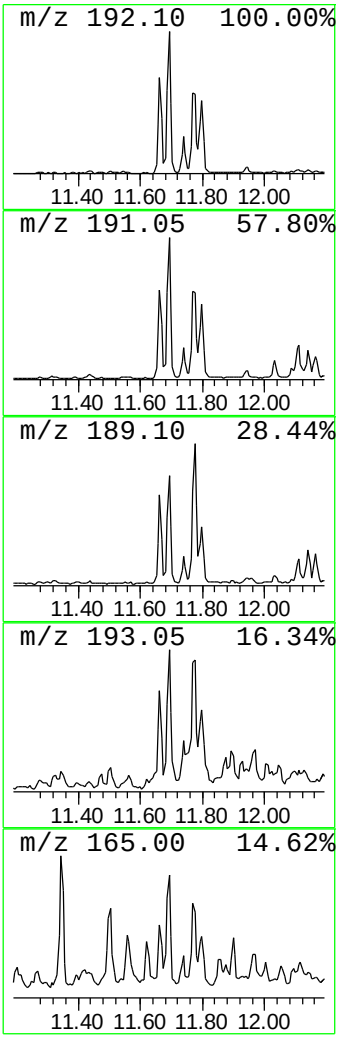
Peak Number 14 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	9.02 ng	480995	Phenanthrene-d10	11.16

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





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Acq On : 15 Sep 2017 12:19
Operator : SJ/JU
Sample : I5160-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-4

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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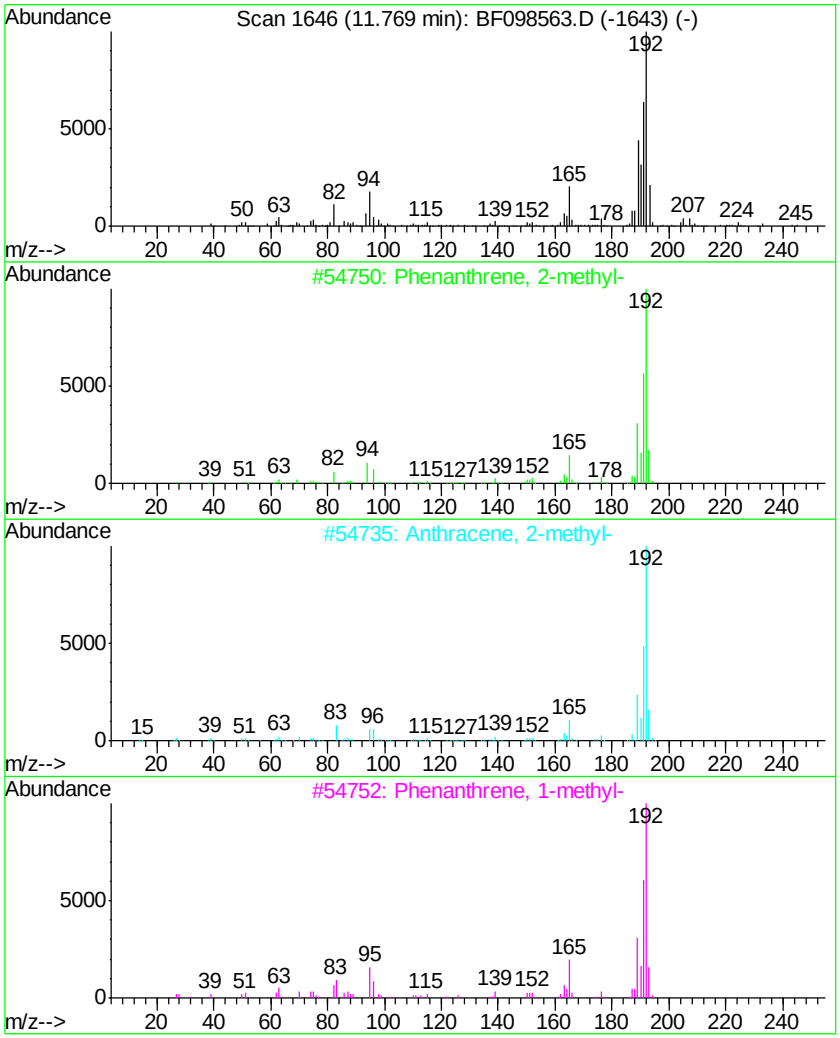
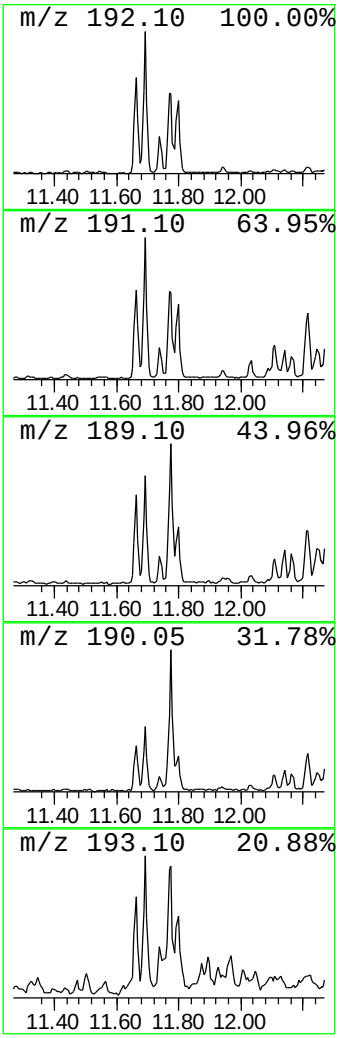
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	7.85 ng	418327	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	78
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	60





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Acq On : 15 Sep 2017 12:19
Operator : SJ/JU
Sample : I5160-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-4

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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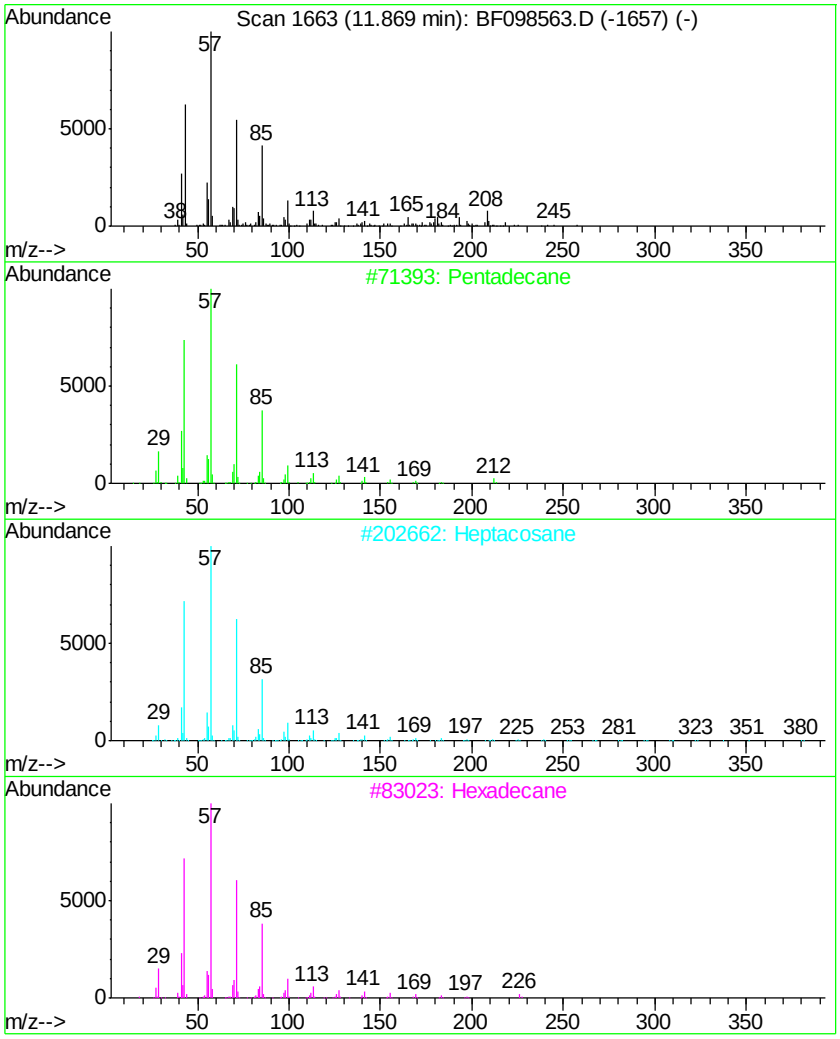
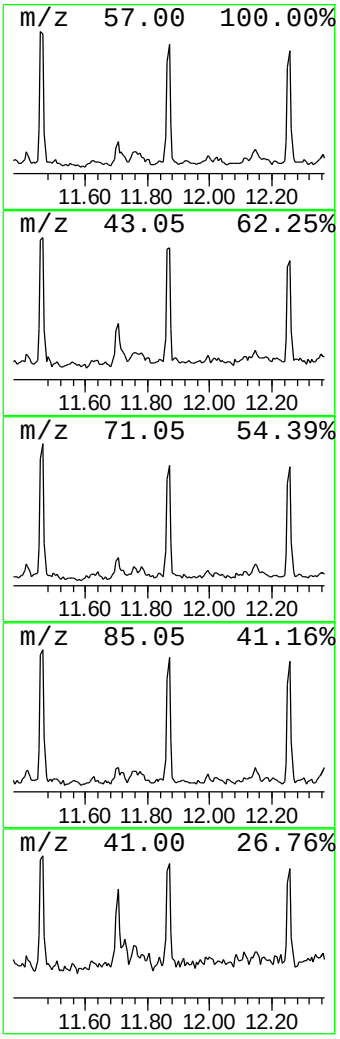
Peak Number 16 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	5.57 ng	297126	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Heptacosane	380	C27H56	000593-49-7	81
3	Hexadecane	226	C16H34	000544-76-3	72
4	Eicosane	282	C20H42	000112-95-8	72
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
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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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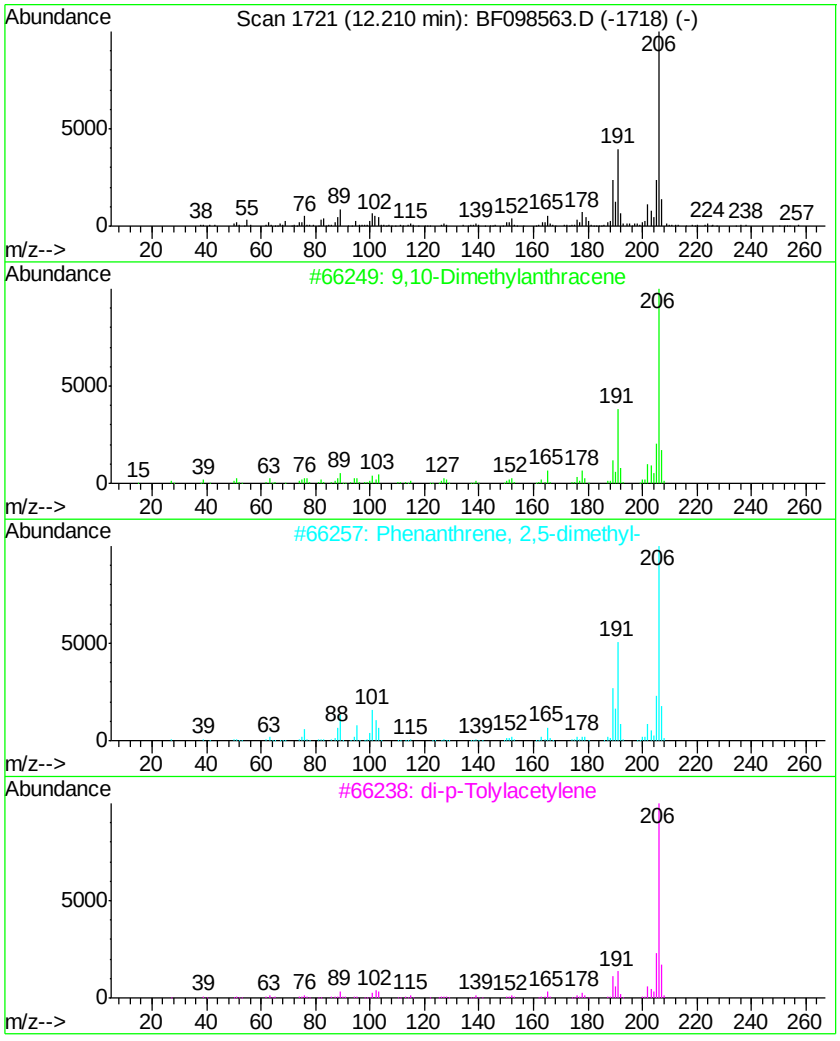
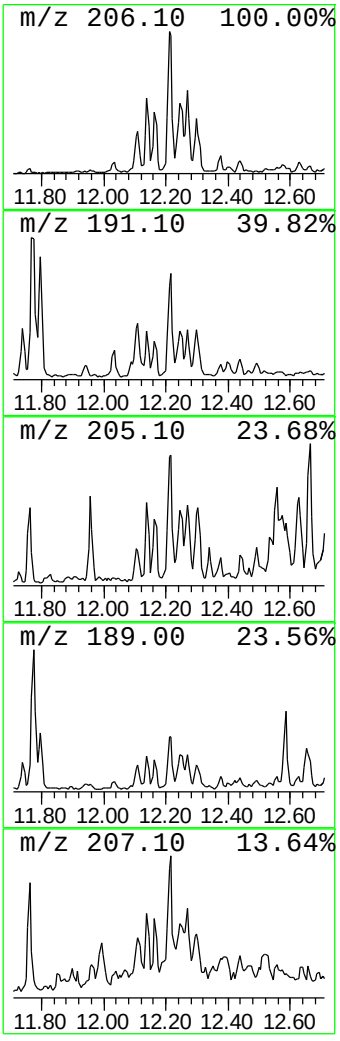
Peak Number 17 9,10-Dimethylanthracene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	4.98 ng	265287	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-4

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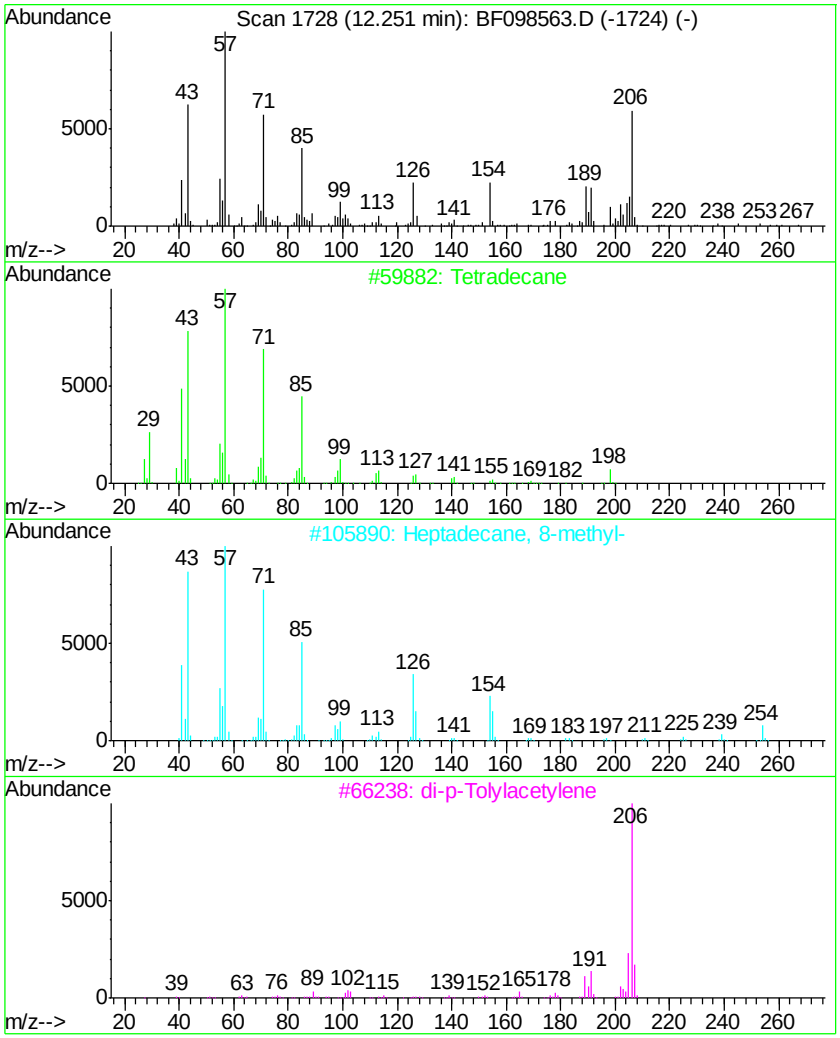
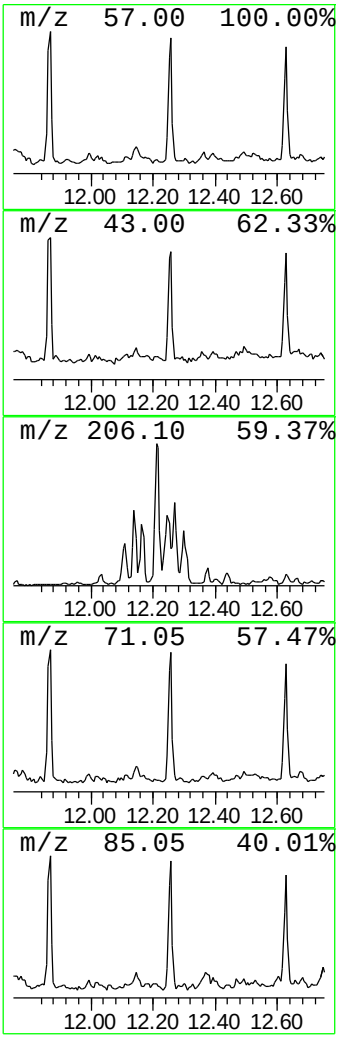
Peak Number 18 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	7.38 ng	393592	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	80
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	45
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	30
4	Tetracosane	338	C24H50	000646-31-1	30
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30





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Instrument : BNA_F
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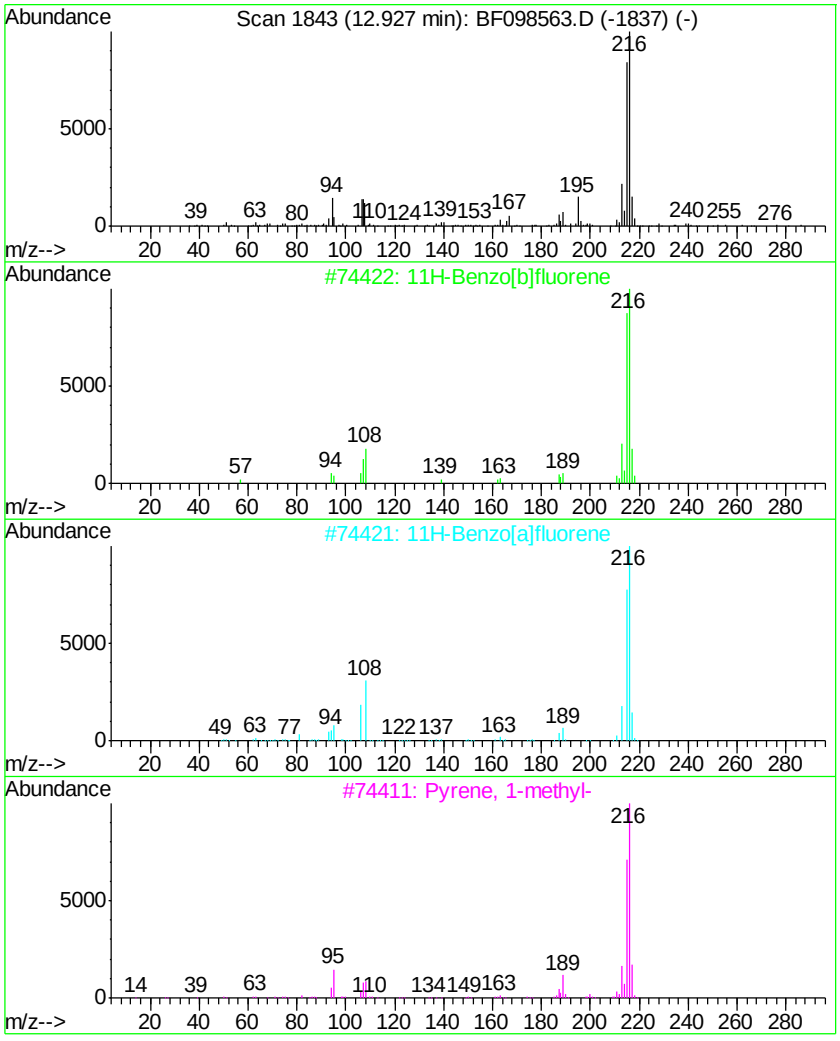
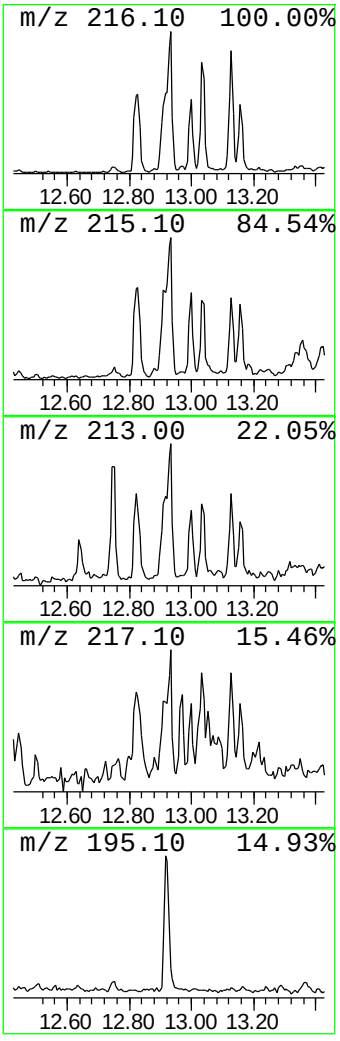
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	4.96 ng	450645	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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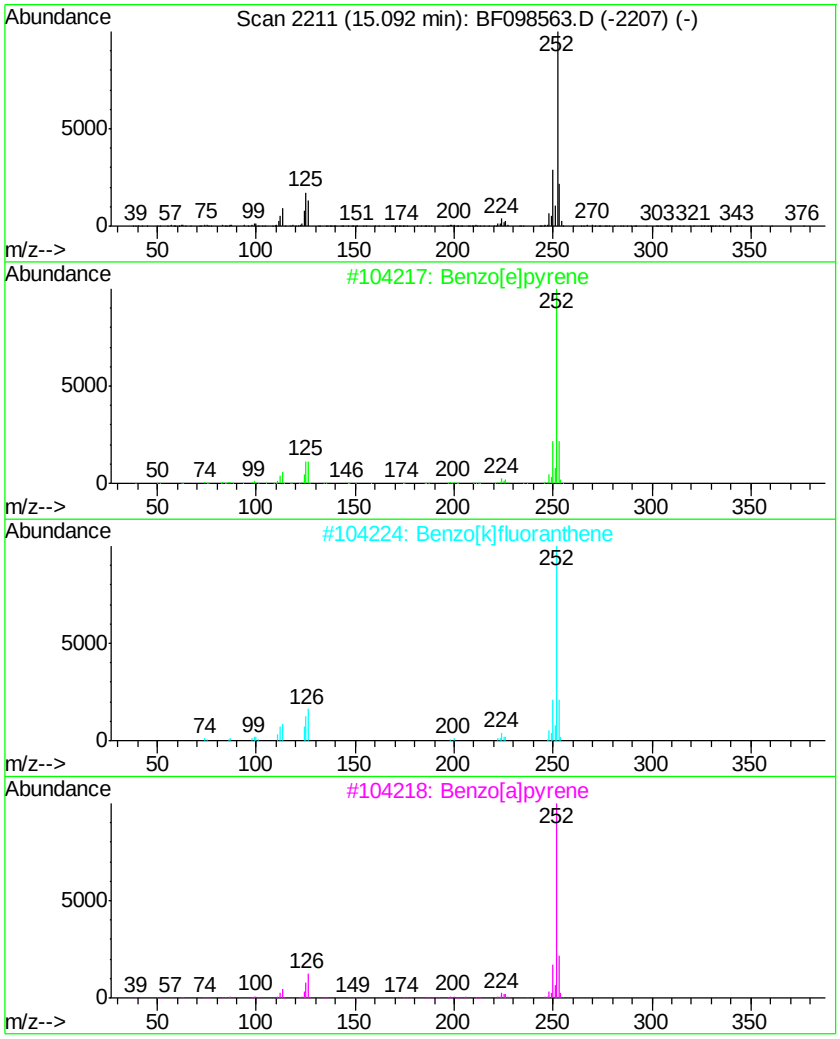
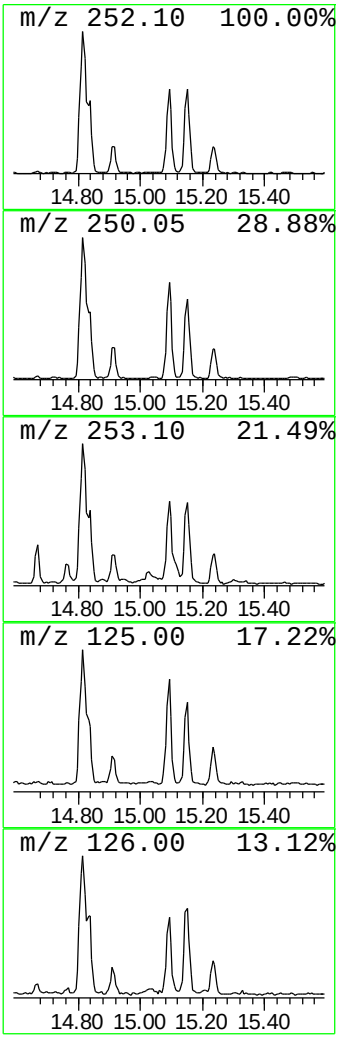
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	18.04 ng	722843	Perylene-d12	15.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

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Data File : BF098563.D
Acq On : 15 Sep 2017 12:19
Operator : SJ/JU
Sample : I5160-11
Misc :
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Instrument : BNA_F
ClientSampleId : G-4

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
unknown4.83	4.83	9.5	ng	532847	1	6.65	1124860	20.0
unknown6.43	6.43	66.5	ng	3743200	1	6.65	1124860	20.0
Mesitylene	6.47	6.2	ng	349720	1	6.65	1124860	20.0
Naphthalene, 1-me...	8.74	6.8	ng	508559	2	7.93	1503980	20.0
Hexadecane	9.09	6.5	ng	456356	3	9.68	1408080	20.0
Naphthalene, 2,3-...	9.34	5.4	ng	377188	3	9.68	1408080	20.0
Bacchotricuneatin c	10.60	14.2	ng	759215	4	11.16	1066190	20.0
Dodecane, 2-methy...	11.03	5.0	ng	267597	4	11.16	1066190	20.0
Anthracene, 2-met...	11.69	9.0	ng	480995	4	11.16	1066190	20.0
Phenanthrene, 2-m...	11.77	7.8	ng	418327	4	11.16	1066190	20.0
Pentadecane	11.87	5.6	ng	297126	4	11.16	1066190	20.0
9,10-Dimethylanth...	12.21	5.0	ng	265287	4	11.16	1066190	20.0
Tetradecane	12.25	7.4	ng	393592	4	11.16	1066190	20.0
11H-Benzo[b]fluorene	12.93	5.0	ng	450645	5	13.80	1817640	20.0
Benzo[e]pyrene	15.09	18.0	ng	722843	6	15.21	801577	20.0