LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098537.D
Acq On : 14 Sep 2017 19:30
Operator : SJ/JU
Sample : I5161-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-15-0-17.5

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	3.540	239	247	256	rBV	586602	992945	27.11%	1.920%
2	4.157	347	352	361	rBV	28864	54716	1.49%	0.106%
3	4.822	462	465	479	rBV	289810	406398	11.10%	0.786%
4	5.204	527	530	535	rBV2	23832	39154	1.07%	0.076%
5	5.257	535	539	564	rVB	2580069	3466484	94.64%	6.703%
6	6.304	713	717	733	rBV	3012055	3546705	96.83%	6.859%
7	6.422	733	737	742	rVV	3749510	3388349	92.51%	6.552%
8	6.481	742	747	752	rVB2	45483	62499	1.71%	0.121%
9	6.645	771	775	782	rVB	1062973	872487	23.82%	1.687%
10	6.804	798	802	805	rBV	2505244	2387716	65.19%	4.617%
11	6.922	816	822	826	rVB4	23563	43038	1.18%	0.083%
12	7.087	847	850	861	rVB	173446	240375	6.56%	0.465%
13	7.216	868	872	875	rBV	2232928	2018108	55.10%	3.903%
14	7.245	875	877	881	rVB2	55805	57702	1.58%	0.112%
15	7.698	947	954	958	rBV4	33989	55545	1.52%	0.107%
16	7.928	987	993	996	rBV	1329031	1240621	33.87%	2.399%
17	7.951	996	997	1000	rVB	140822	87680	2.39%	0.170%
18	8.134	1025	1028	1031	rBV3	38805	38422	1.05%	0.074%
19	8.216	1038	1042	1045	rVB4	25700	36992	1.01%	0.072%
20	8.310	1054	1058	1061	rVB6	28333	39900	1.09%	0.077%
21	8.357	1061	1066	1075	rVB2	103730	144006	3.93%	0.278%
22	8.469	1082	1085	1087	rBV3	41511	40723	1.11%	0.079%
23	8.528	1092	1095	1098	rVB	49079	47052	1.28%	0.091%
24	8.639	1112	1114	1117	rBV	61765	54392	1.49%	0.105%
25	8.739	1128	1131	1137	rVB2	75767	78658	2.15%	0.152%
26	8.951	1164	1167	1171	rVB	117381	111850	3.05%	0.216%
27	9.010	1171	1177	1180	rBV	3790925	3662651	100.00%	7.083%
28	9.086	1185	1190	1195	rBV4	78107	141359	3.86%	0.273%
29	9.157	1200	1202	1206	rVB5	31508	42749	1.17%	0.083%
30	9.275	1218	1222	1224	rVB3	39364	45052	1.23%	0.087%
31	9.339	1230	1233	1236	rBV2	75987	75411	2.06%	0.146%
32	9.404	1241	1244	1247	rVB	874799	670194	18.30%	1.296%
33	9.539	1264	1267	1273	rVB	96008	92596	2.53%	0.179%
34	9.586	1273	1275	1277	rVB	69998	51181	1.40%	0.099%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098537.D
Acq On : 14 Sep 2017 19:30
Operator : SJ/JU
Sample : I5161-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-15-0-17.5

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	rBV4	49157	47663	1.30%	0.092%
36	9.681	1284	1291	1294	rVV	1531258	1331377	36.35%	2.575%
37	9.710	1294	1296	1300	rVB	146695	130315	3.56%	0.252%
38	9.786	1306	1309	1314	rVB4	34760	49077	1.34%	0.095%
39	9.839	1314	1318	1321	rBV5	31600	46554	1.27%	0.090%
40	9.880	1322	1325	1327	rBV2	82013	85795	2.34%	0.166%
41	9.998	1342	1345	1348	rBV5	43391	59703	1.63%	0.115%
42	10.080	1354	1359	1362	rBV5	50907	71472	1.95%	0.138%
43	10.228	1381	1384	1389	rVB	187061	189795	5.18%	0.367%
44	10.310	1396	1398	1400	rBV3	35348	40335	1.10%	0.078%
45	10.333	1400	1402	1405	rVB2	89760	76588	2.09%	0.148%
46	10.392	1408	1412	1415	rBV2	95134	117901	3.22%	0.228%
47	10.469	1419	1425	1429	rBV	2181591	2167695	59.18%	4.192%
48	10.598	1442	1447	1453	rBV2	182508	229871	6.28%	0.445%
49	10.775	1473	1477	1479	rBV4	53535	66019	1.80%	0.128%
50	10.798	1479	1481	1484	rVB4	47282	40613	1.11%	0.079%
51	10.969	1508	1510	1514	rVB	52604	54076	1.48%	0.105%
52	11.057	1523	1525	1530	rVB2	162525	178216	4.87%	0.345%
53	11.163	1539	1543	1545	rBV	1409241	1279997	34.95%	2.475%
54	11.186	1545	1547	1550	rVV	1754517	1319948	36.04%	2.553%
55	11.233	1553	1555	1558	rVB	268912	250380	6.84%	0.484%
56	11.398	1580	1583	1588	rVB	137773	138161	3.77%	0.267%
57	11.457	1591	1593	1596	rVB4	65777	58911	1.61%	0.114%
58	11.663	1625	1628	1630	rBV	208269	172635	4.71%	0.334%
59	11.692	1630	1633	1637	rVV	276810	283913	7.75%	0.549%
60	11.774	1644	1647	1649	rBV	358829	331259	9.04%	0.641%
61	11.957	1676	1678	1681	rBV	132822	123601	3.37%	0.239%
62	11.992	1682	1684	1689	rVB	187991	176829	4.83%	0.342%
63	12.216	1719	1722	1724	rBV2	134950	138860	3.79%	0.269%
64	12.374	1746	1749	1753	rVB	2041861	1897728	51.81%	3.670%
65	12.604	1782	1788	1790	rBV	1652604	1757456	47.98%	3.399%
66	12.745	1808	1812	1816	rBV	2681506	2634791	71.94%	5.095%
67	12.927	1841	1843	1846	rVB	313935	282233	7.71%	0.546%
68	12.998	1852	1855	1857	rVB	228897	205662	5.62%	0.398%
69	13.027	1857	1860	1863	rBV2	159981	193462	5.28%	0.374%
70	13.545	1946	1948	1950	rBV	121106	90082	2.46%	0.174%
71	13.598	1955	1957	1958	rBV	110891	91480	2.50%	0.177%

LSC Area Percent Report

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Acq On : 14 Sep 2017 19:30
Operator : SJ/JU
Sample : I5161-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-15-0-17.5

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

72	13.616	1958	1960	1962	rVV	169915	140706	3.84%	0.272%
73	13.645	1962	1965	1969	rVB2	443208	470790	12.85%	0.910%
74	13.698	1971	1974	1978	rVB2	128772	120397	3.29%	0.233%
75	13.739	1978	1981	1983	rVB	215980	166195	4.54%	0.321%
76	13.798	1985	1991	1993	rVV3	1176867	1906915	52.06%	3.688%
77	13.821	1993	1995	2002	rVB	809973	709062	19.36%	1.371%
78	13.898	2006	2008	2011	rVB	133596	103760	2.83%	0.201%
79	14.274	2068	2072	2075	rBV3	351958	415095	11.33%	0.803%
80	14.804	2158	2162	2165	rBV	721217	1016619	27.76%	1.966%
81	14.868	2170	2173	2175	rVV	309658	312058	8.52%	0.603%
82	14.898	2175	2178	2184	rVB2	269723	360073	9.83%	0.696%
83	15.080	2206	2209	2215	rVB	451756	533241	14.56%	1.031%
84	15.139	2215	2219	2223	rVB	666817	750761	20.50%	1.452%
85	15.198	2224	2229	2232	rBV	706465	919930	25.12%	1.779%
86	15.392	2259	2262	2268	rVB4	237240	339438	9.27%	0.656%
87	15.604	2294	2298	2301	rBV	239146	304886	8.32%	0.590%
88	15.651	2303	2306	2312	rVB4	220662	379851	10.37%	0.735%
89	16.315	2415	2419	2428	rVB5	152238	283993	7.75%	0.549%
90	16.527	2450	2455	2461	rBV	350290	658193	17.97%	1.273%
91	16.933	2519	2524	2532	rBV	194533	374768	10.23%	0.725%
92	17.698	2652	2654	2662	rVB3	119127	206015	5.62%	0.398%
93	18.862	2846	2852	2861	rVB7	177908	494927	13.51%	0.957%

Sum of corrected areas: 51711836

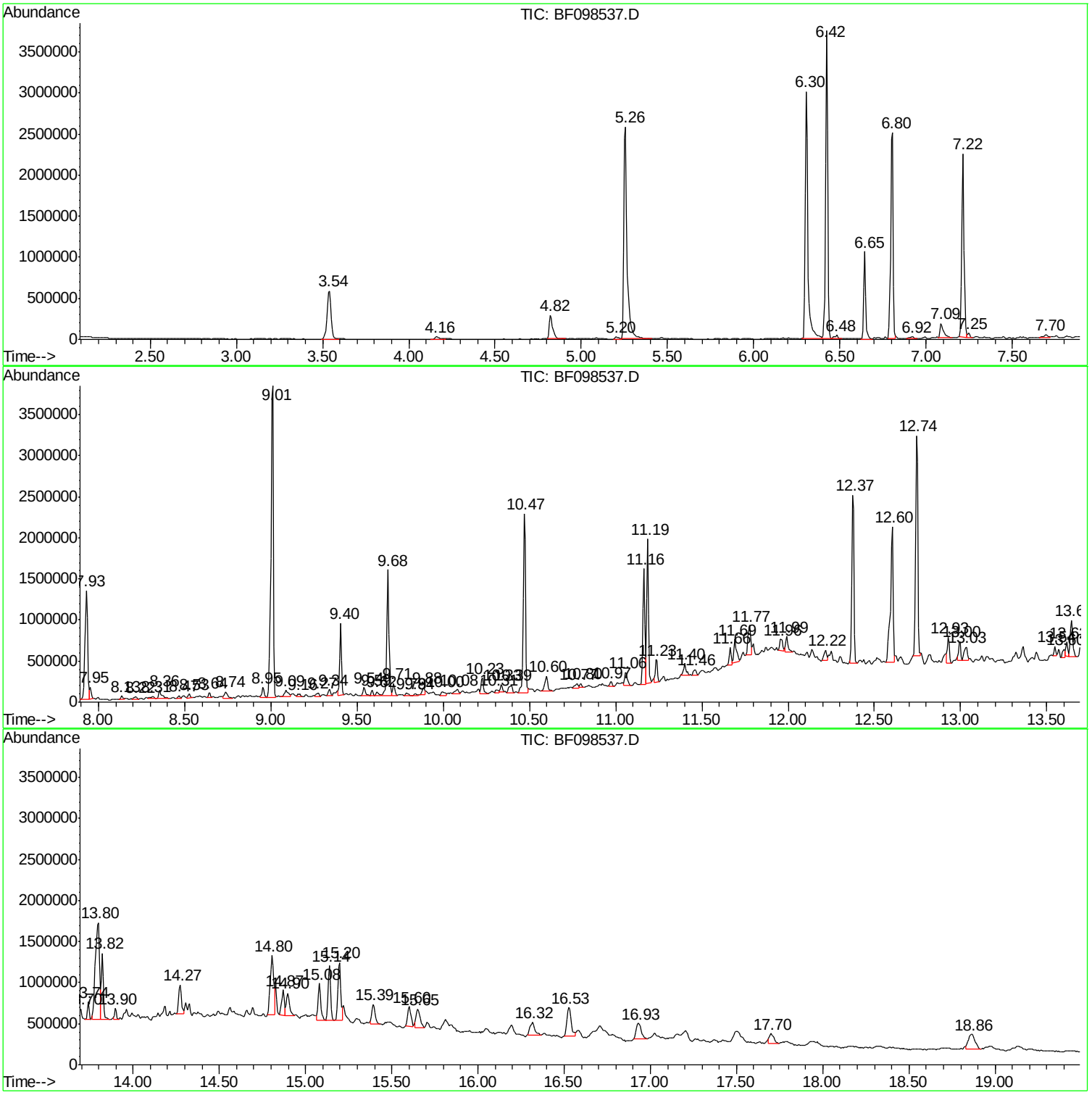
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098537.D
Acq On : 14 Sep 2017 19:30
Operator : SJ/JU
Sample : I5161-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-15-0-17.5

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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098537.D
Acq On : 14 Sep 2017 19:30
Operator : SJ/JU
Sample : I5161-01
Misc :
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Instrument : BNA_F
ClientSampleId : RL-15-0-17.5

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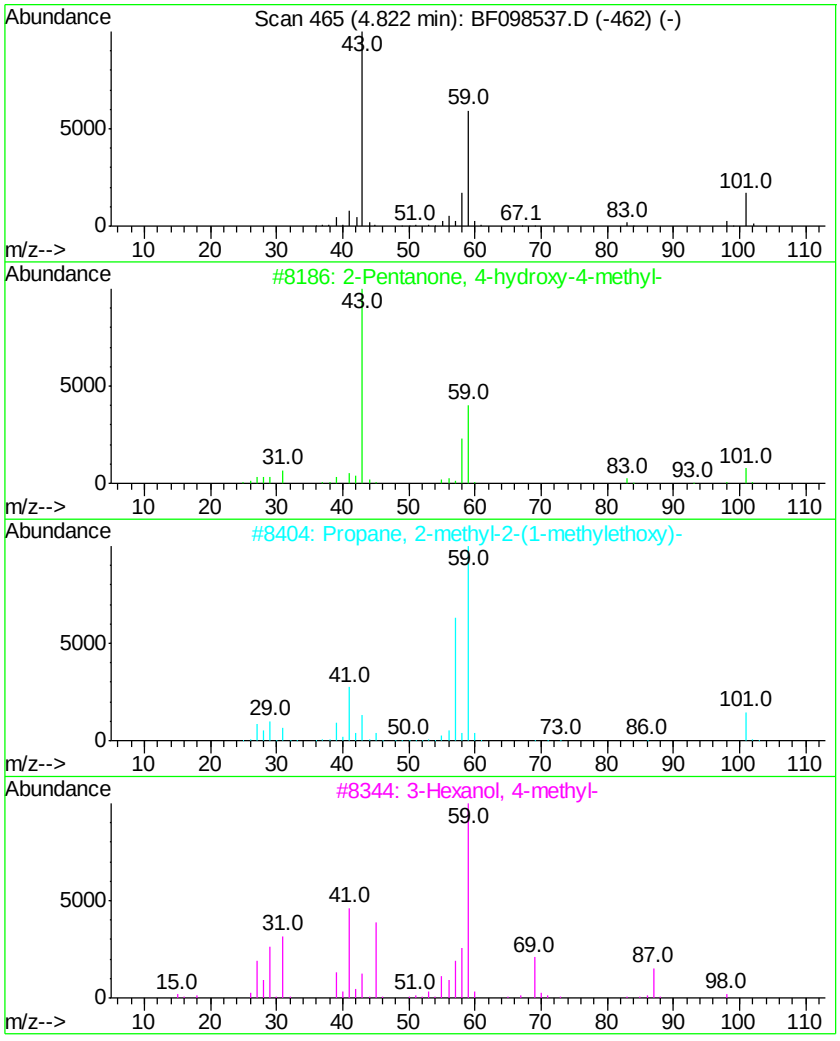
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

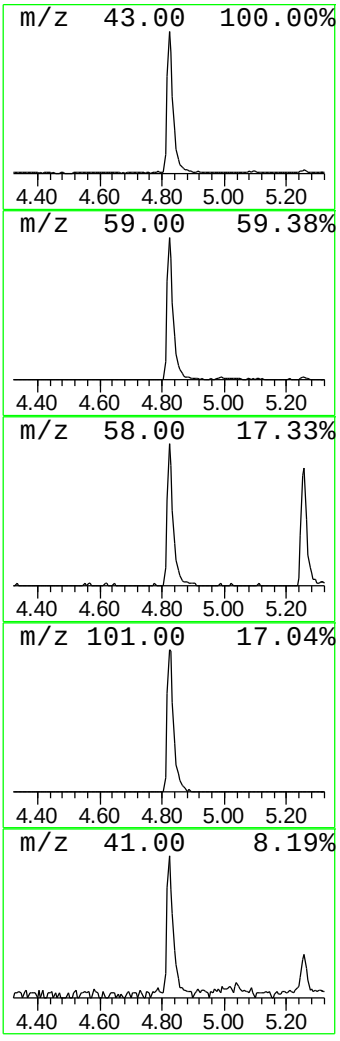
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	9.32 ng	406398	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	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	3-Octanol	130	C8H18O	000589-98-0	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098537.D
Acq On : 14 Sep 2017 19:30
Operator : SJ/JU
Sample : I5161-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-15-0-17.5

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

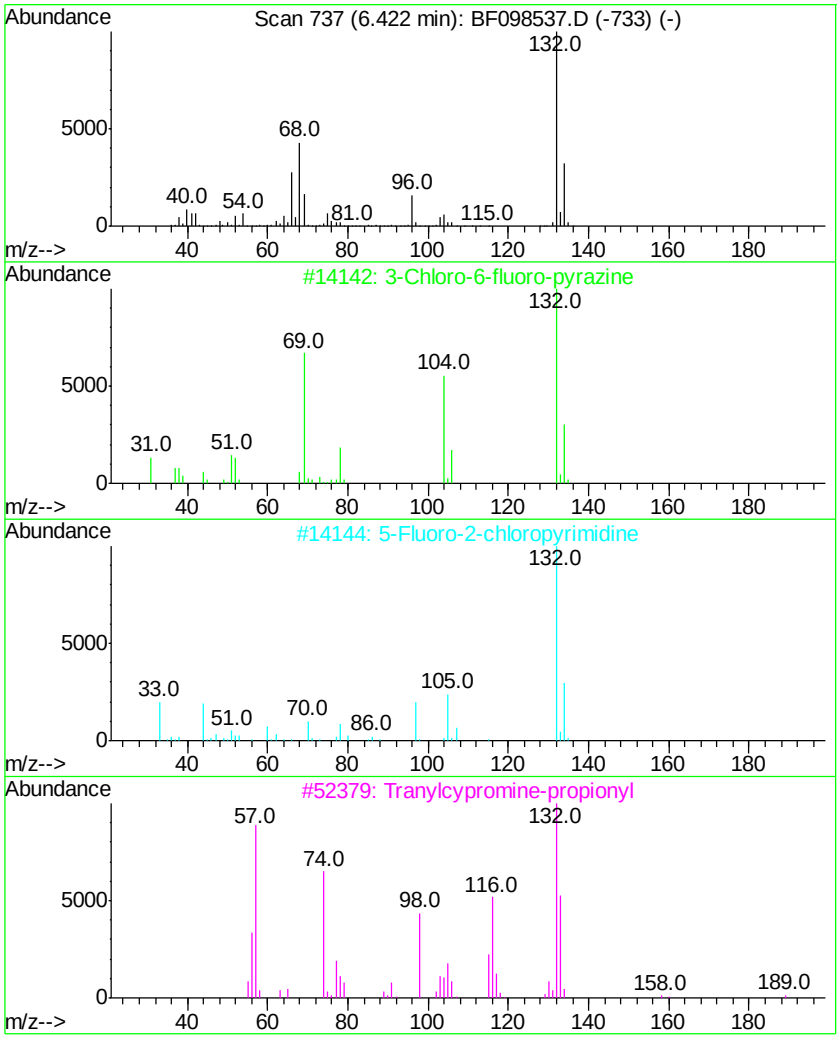
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

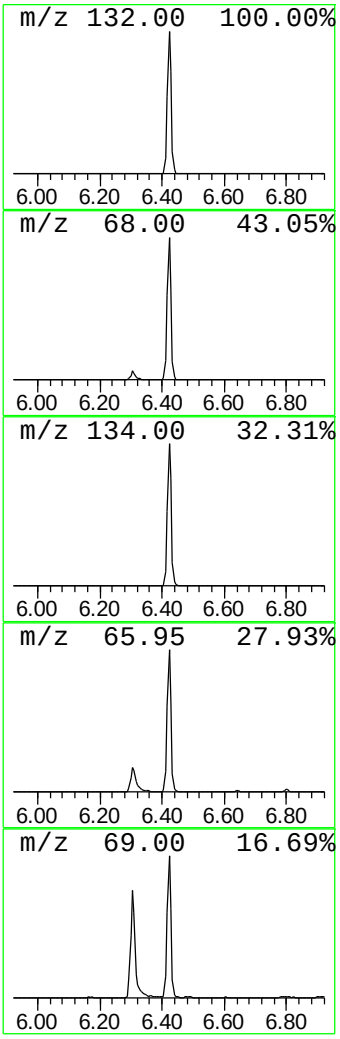
****

Peak Number 3 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	77.67 ng	3388350	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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Instrument : BNA_F
ClientSampleId : RL-15-0-17.5

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

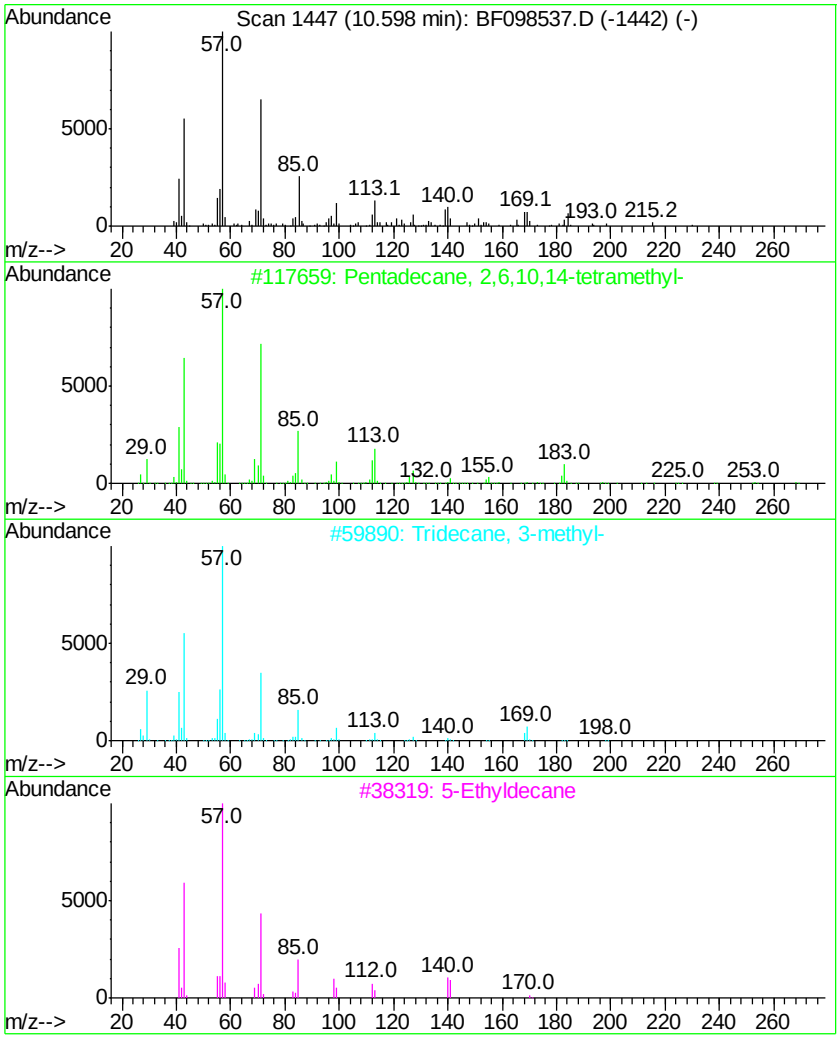
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

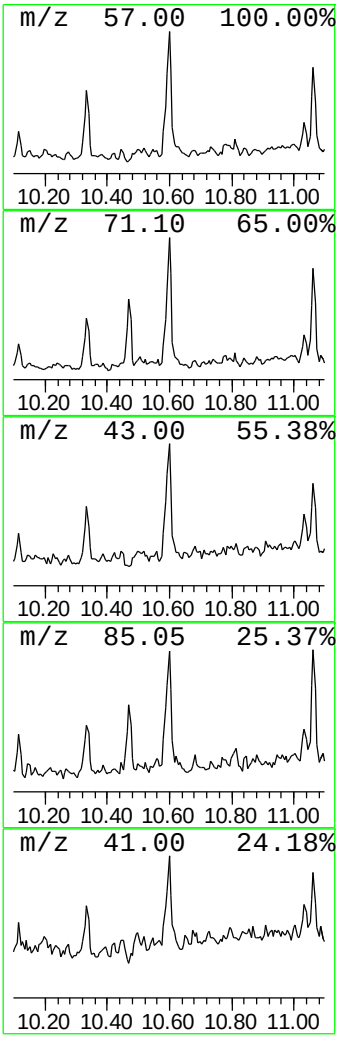
****

Peak Number 5 Pentadecane, 2,6,10,14-tetr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	3.59 ng	229871	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	72
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
3	5-Ethyldecane	170	C12H26	017302-36-2	64
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	55





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098537.D
Acq On : 14 Sep 2017 19:30
Operator : SJ/JU
Sample : I5161-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-15-0-17.5

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

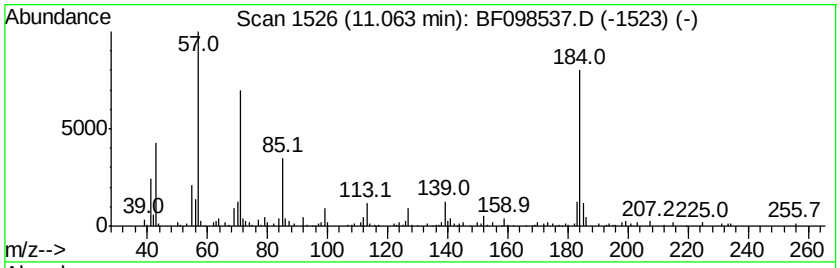
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

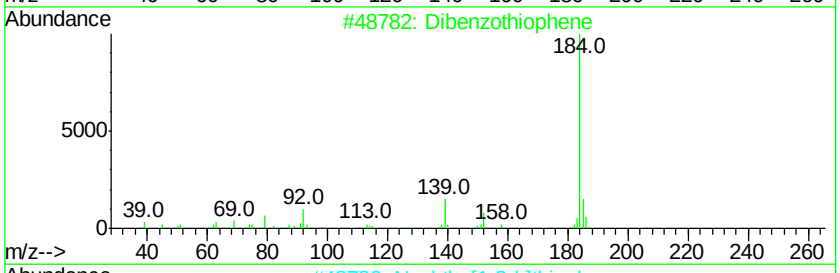
****

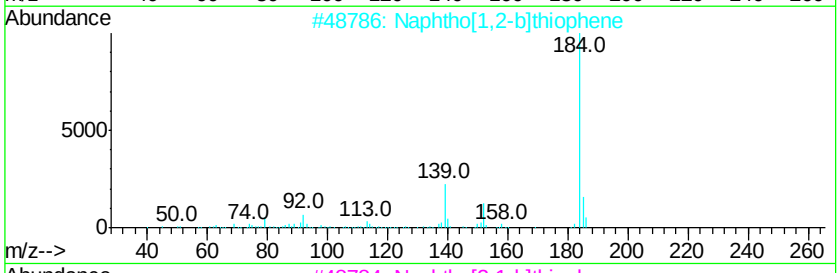
Peak Number 6 Dibenzothiophene Concentration Rank 19

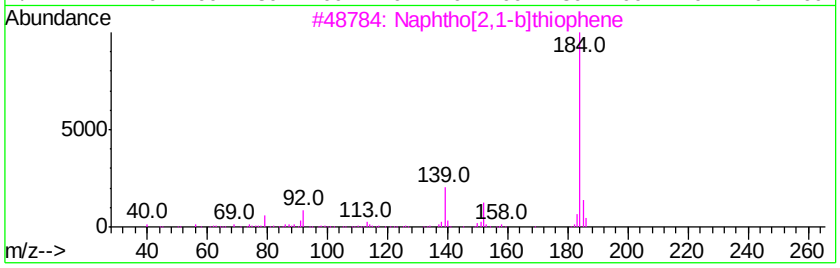
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	2.78 ng	178216	Phenanthrene-d10	11.16

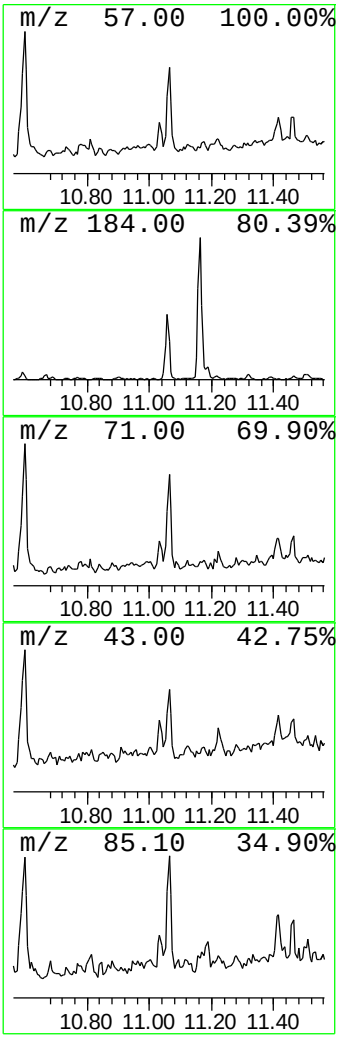
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	89
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	70
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	68
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	59
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	58











Library Search Compound Report

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Data File : BF098537.D
Acq On : 14 Sep 2017 19:30
Operator : SJ/JU
Sample : I5161-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-15-0-17.5

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

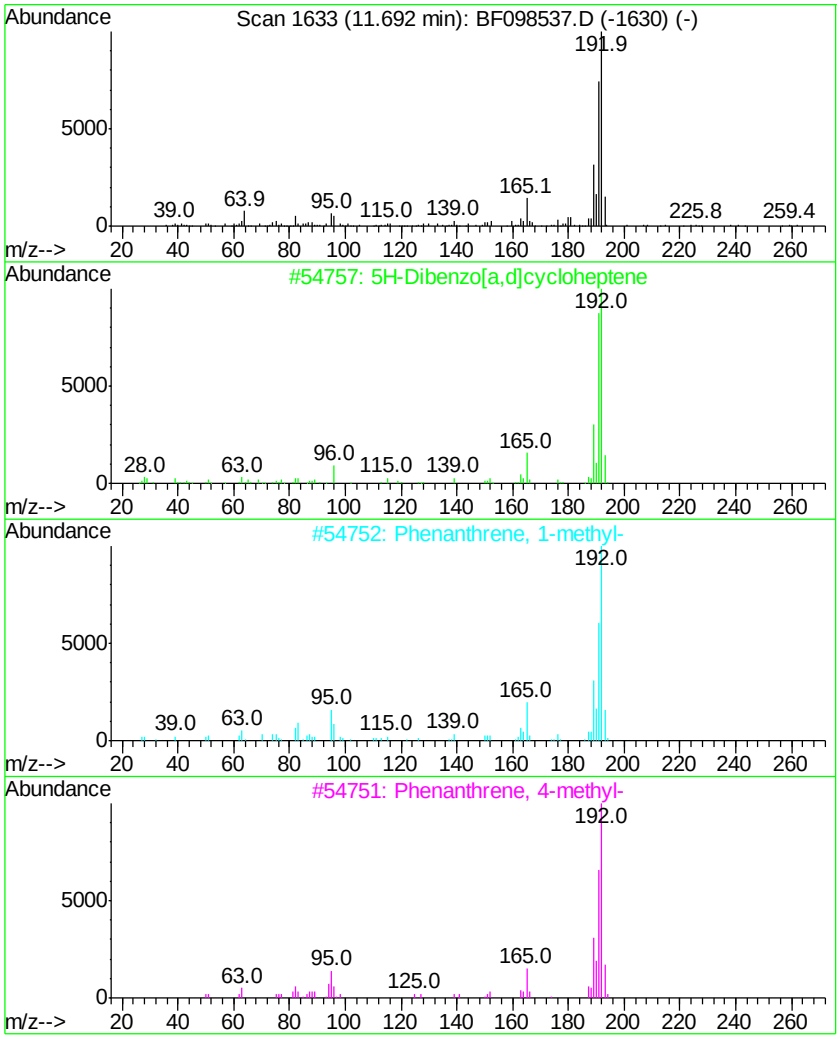
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

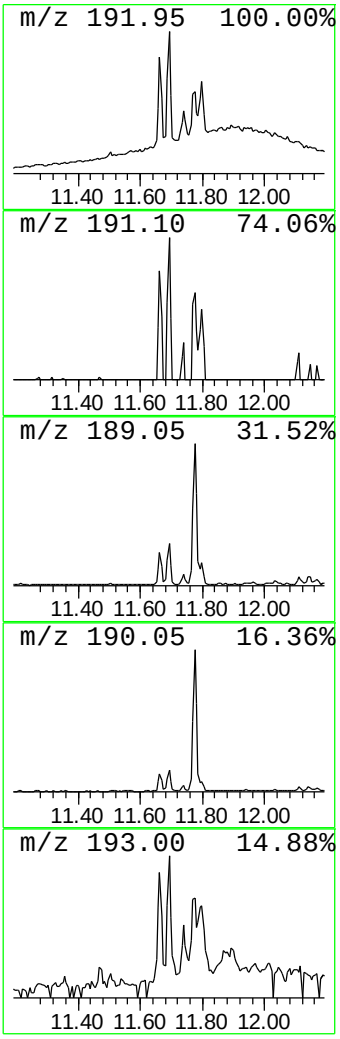
****

Peak Number 7 5H-Dibenzo[a,d]cycloheptene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	4.44 ng	283913	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	87





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ClientSampleId : RL-15-0-17.5

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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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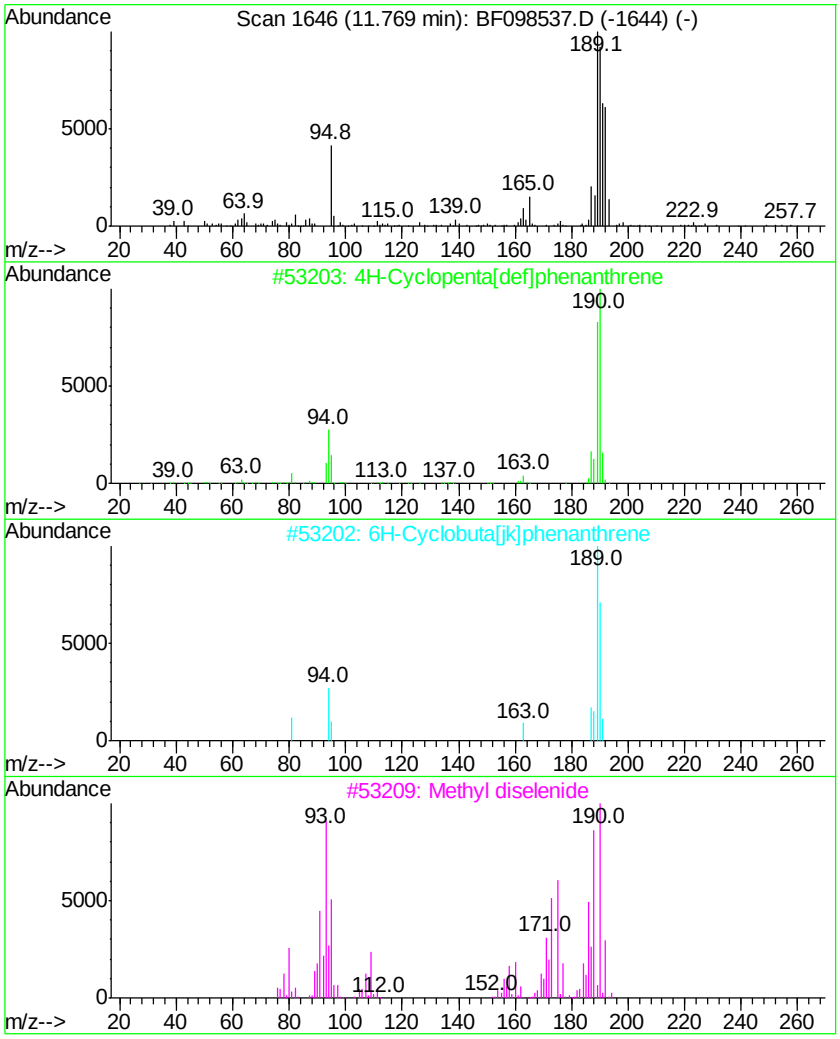
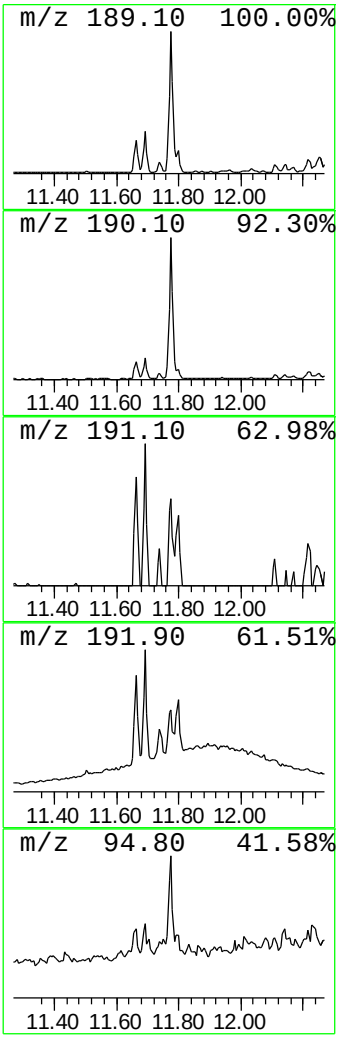
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	5.18 ng	331259	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	28





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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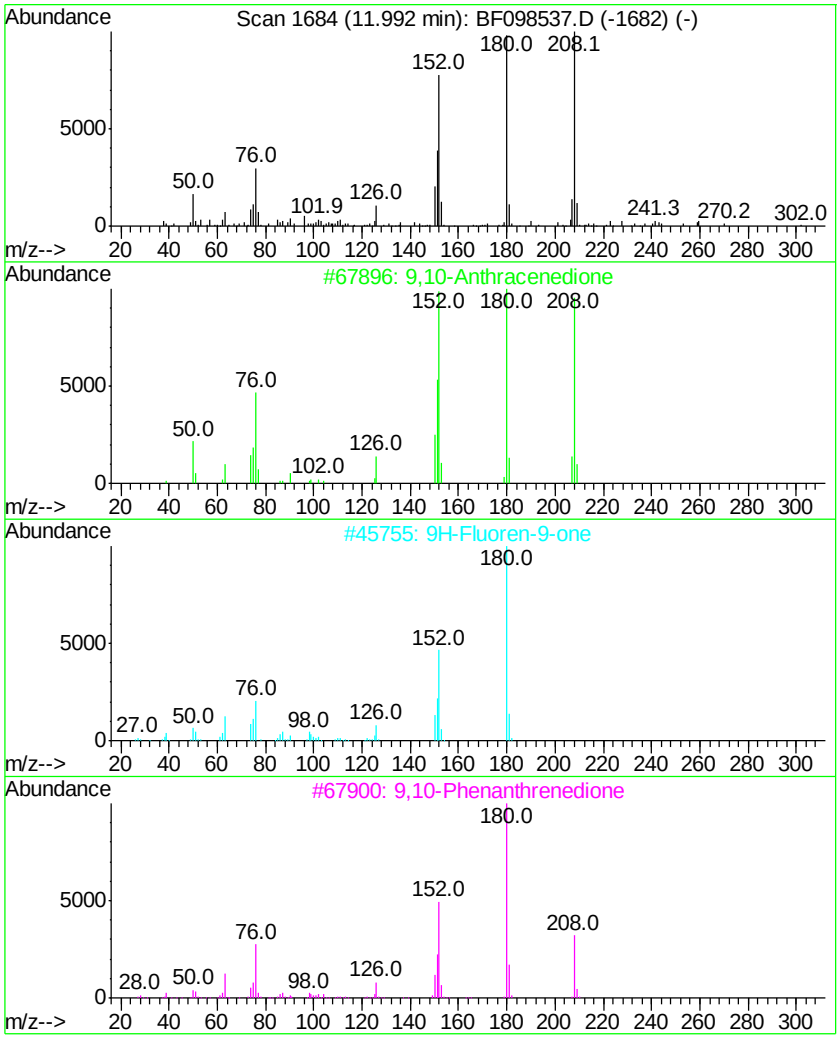
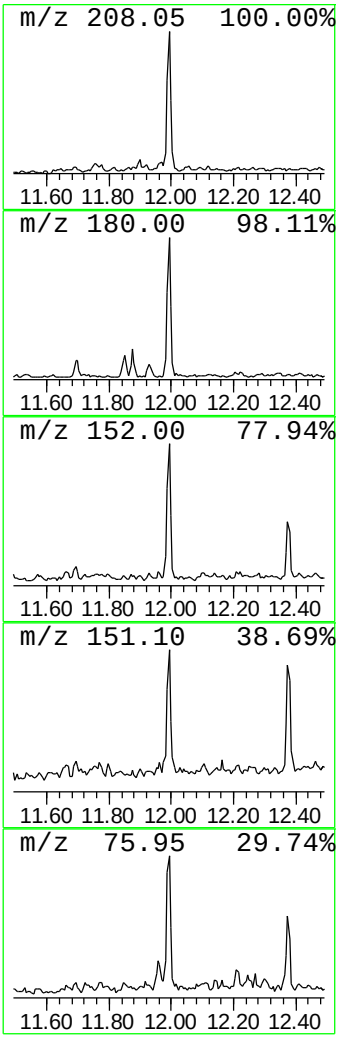
Peak Number 9 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	2.76 ng	176829	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	58
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	50
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	49





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ClientSampleId : RL-15-0-17.5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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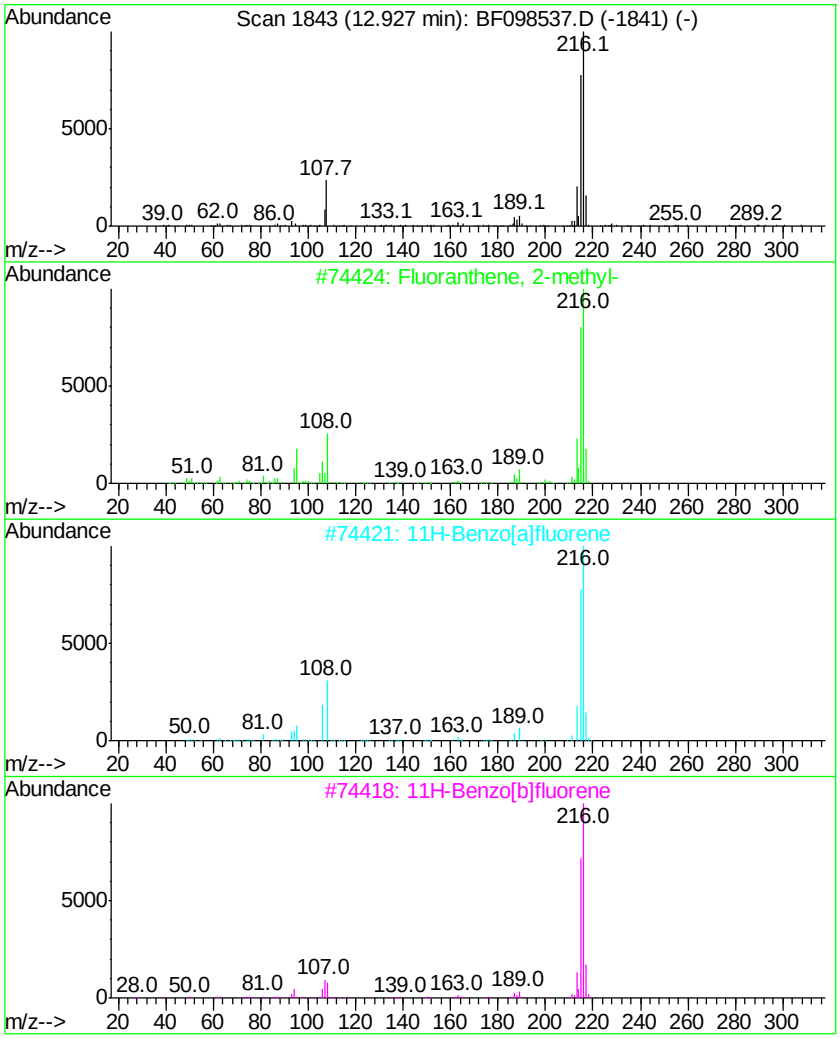
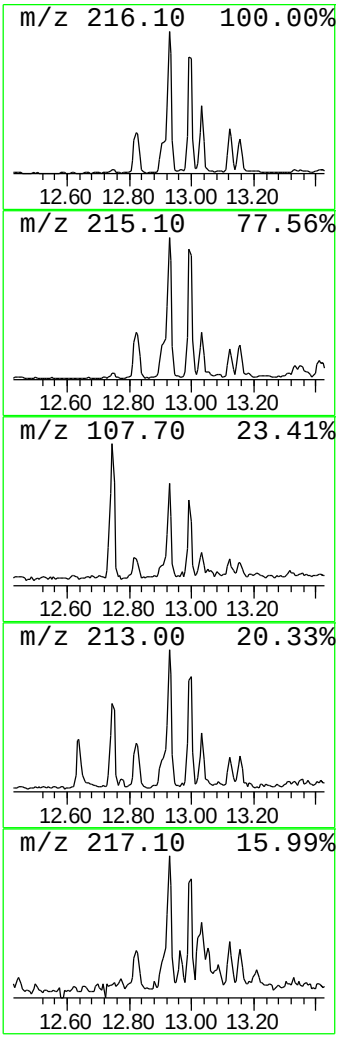
Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	2.96 ng	282233	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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Misc :
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Instrument : BNA_F
ClientSampleId : RL-15-0-17.5

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

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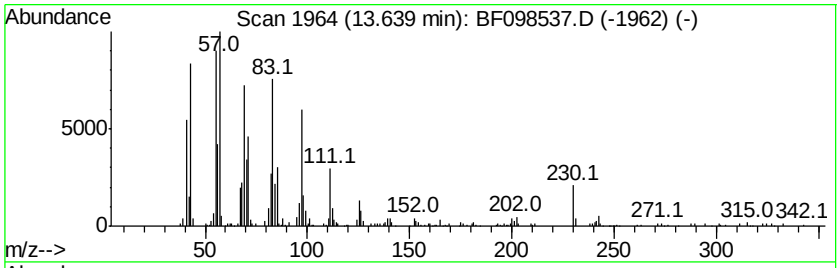
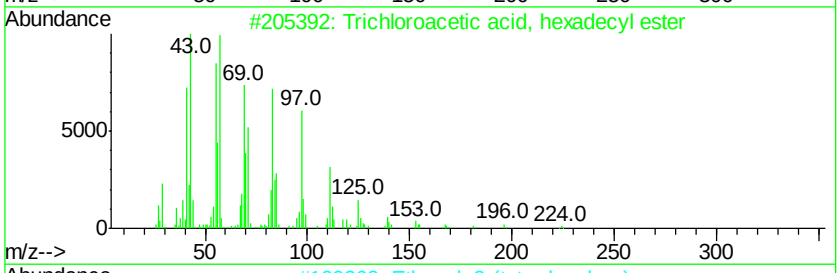
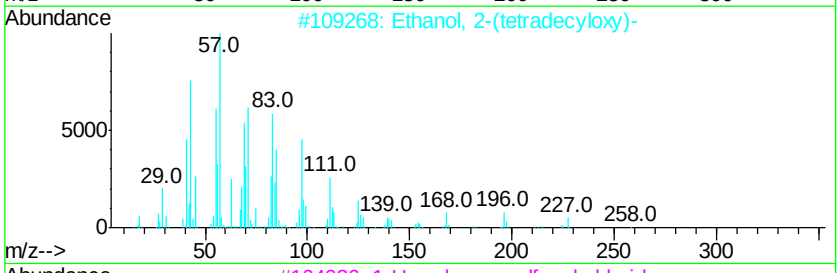
Peak Number 11 Trichloroacetic acid, hexad... Concentration Rank 13

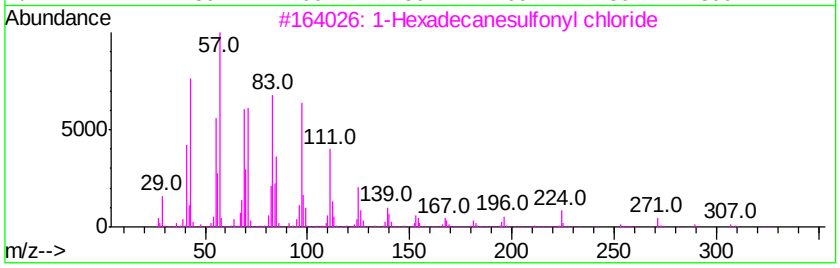
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	4.94 ng	470790	Chrysene-d12	13.80

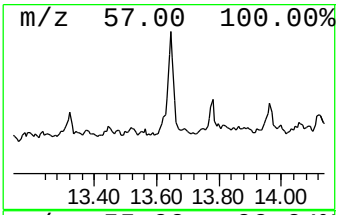
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	70
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	70
4	2-Methyl-E-7-hexadecene	238	C17H34	064183-52-4	64
5	1-Heptadecene	238	C17H34	006765-39-5	64

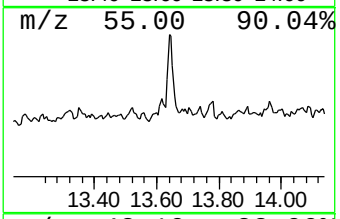


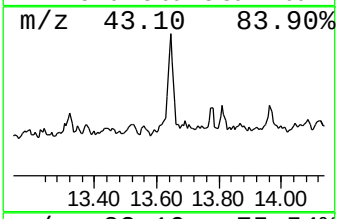


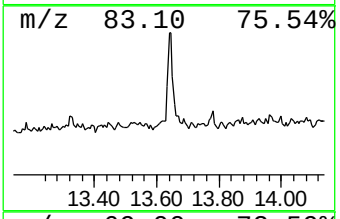


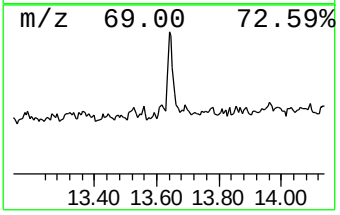












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Acq On : 14 Sep 2017 19:30
Operator : SJ/JU
Sample : I5161-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-15-0-17.5

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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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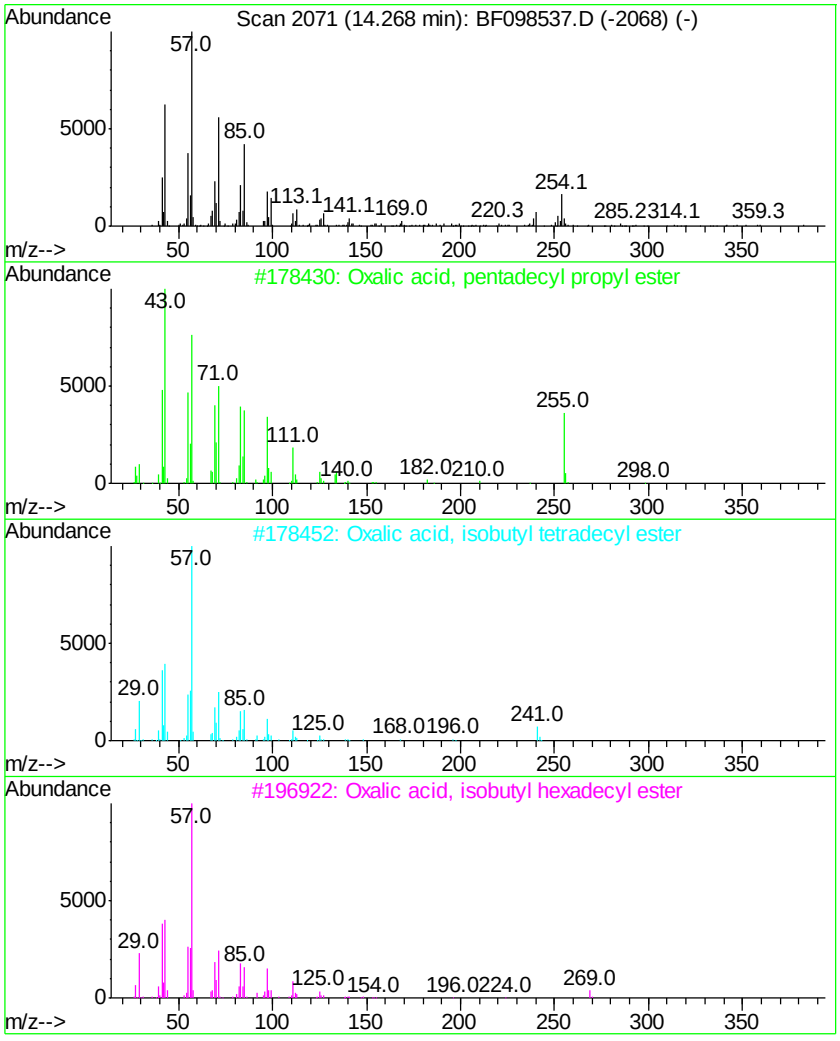
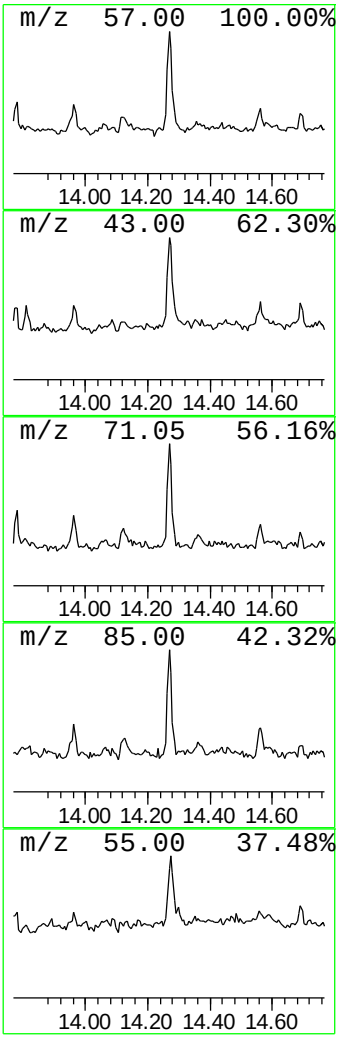
Peak Number 12 Oxalic acid, pentadecyl pro... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	4.35 ng	415095	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, pentadecyl propyl e...	342	C20H38O4	1000309-26-8	68
2	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	68
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	68
4	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	68
5	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	68





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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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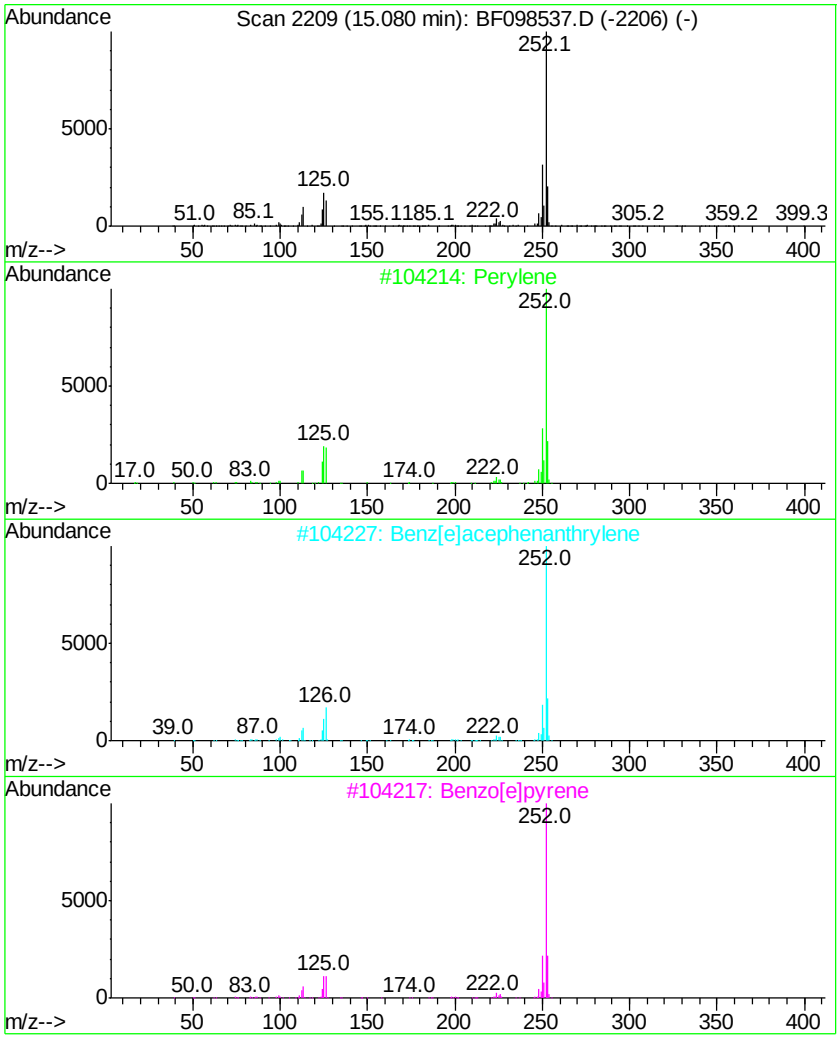
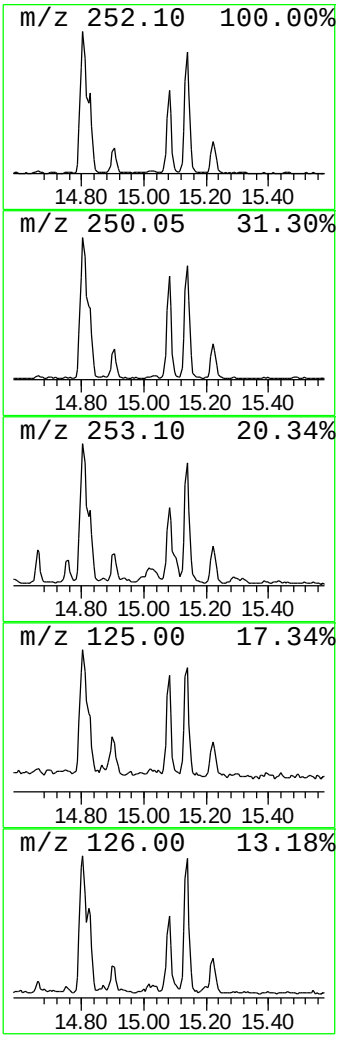
Peak Number 14 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	11.59 ng	533241	Perylene-d12	15.20

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





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TIC Integration Parameters: LSCINT.P

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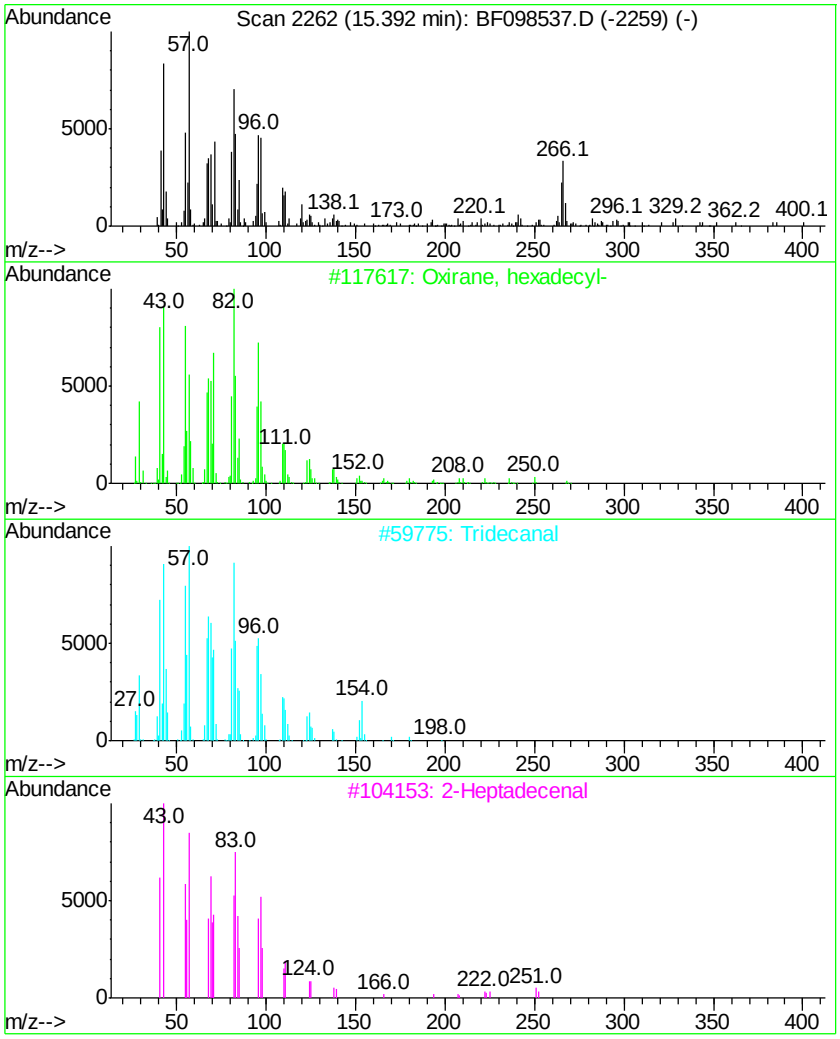
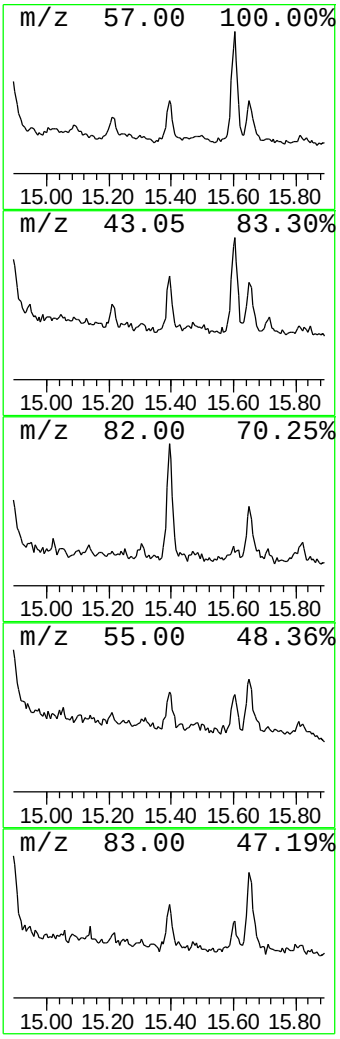
Peak Number 15 Oxirane, hexadecyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	7.38 ng	339438	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	50
2	Tridecanal	198	C13H26O	010486-19-8	47
3	2-Heptadecenal	252	C17H32O	1000143-48-6	43
4	Octadecanal	268	C18H36O	000638-66-4	38
5	Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	35





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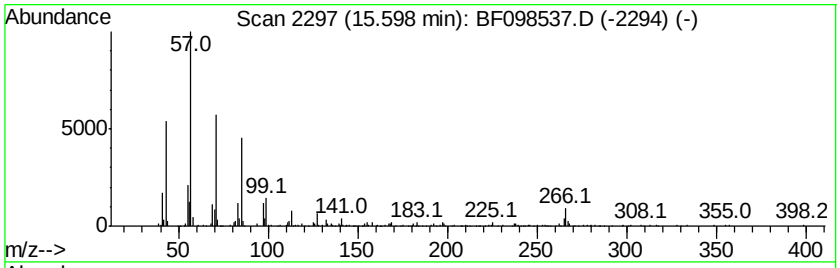
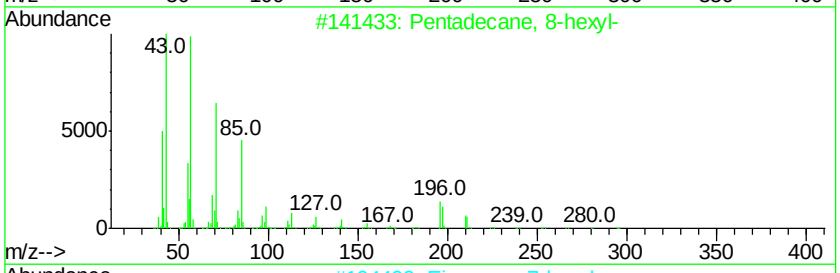
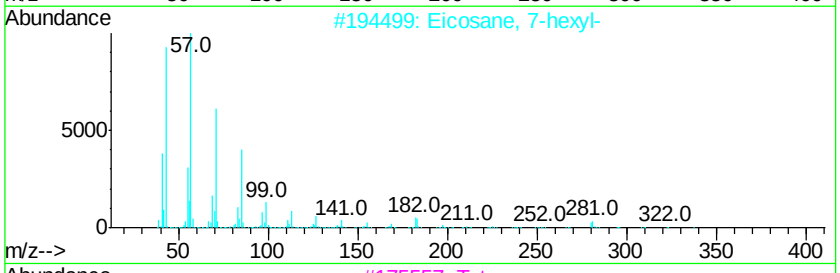
Peak Number 16 Pentadecane, 8-hexyl- Concentration Rank 10

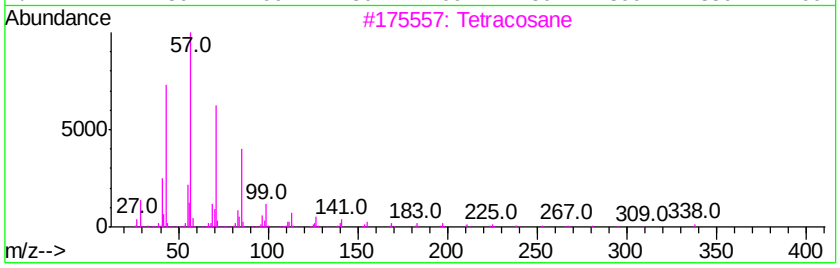
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	6.63 ng	304886	Perylene-d12	15.20

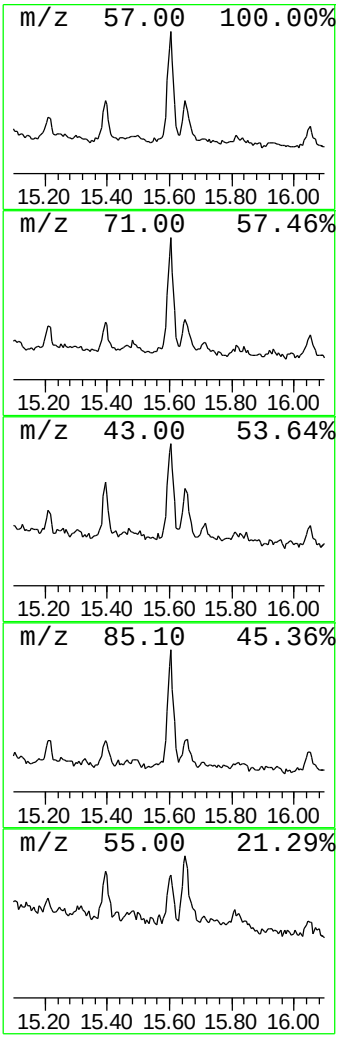
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	80
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80
3	Tetracosane	338	C24H50	000646-31-1	80
4	Octacosane	394	C28H58	000630-02-4	80
5	Octadecane, 3-methyl-	268	C19H40	006561-44-0	80











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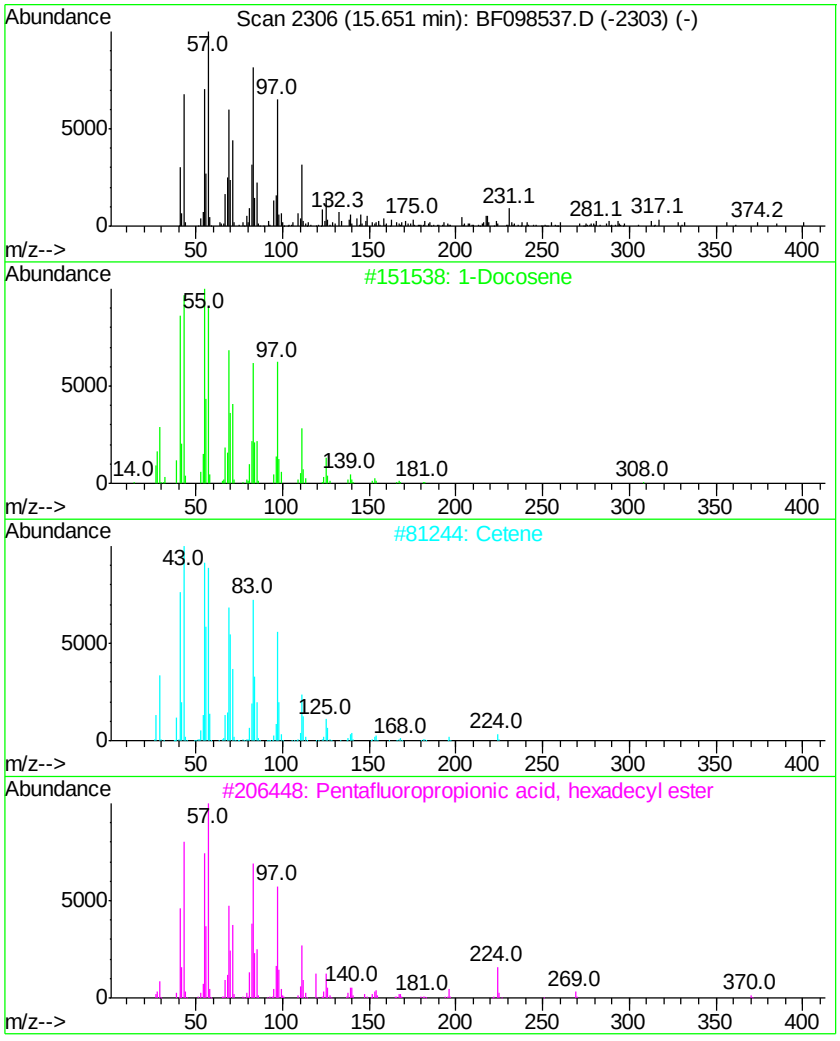
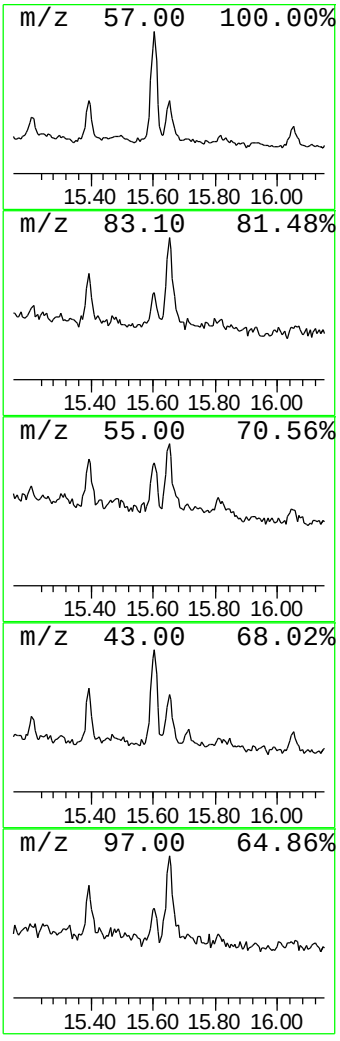
Peak Number 17 1-Docosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	8.26 ng	379851	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	90
2	Cetene	224	C16H32	000629-73-2	87
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	86
4	1-Heneicosanol	312	C21H44O	015594-90-8	83
5	Triacontyl acetate	480	C32H64O2	041755-58-2	81





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-15-0-17.5

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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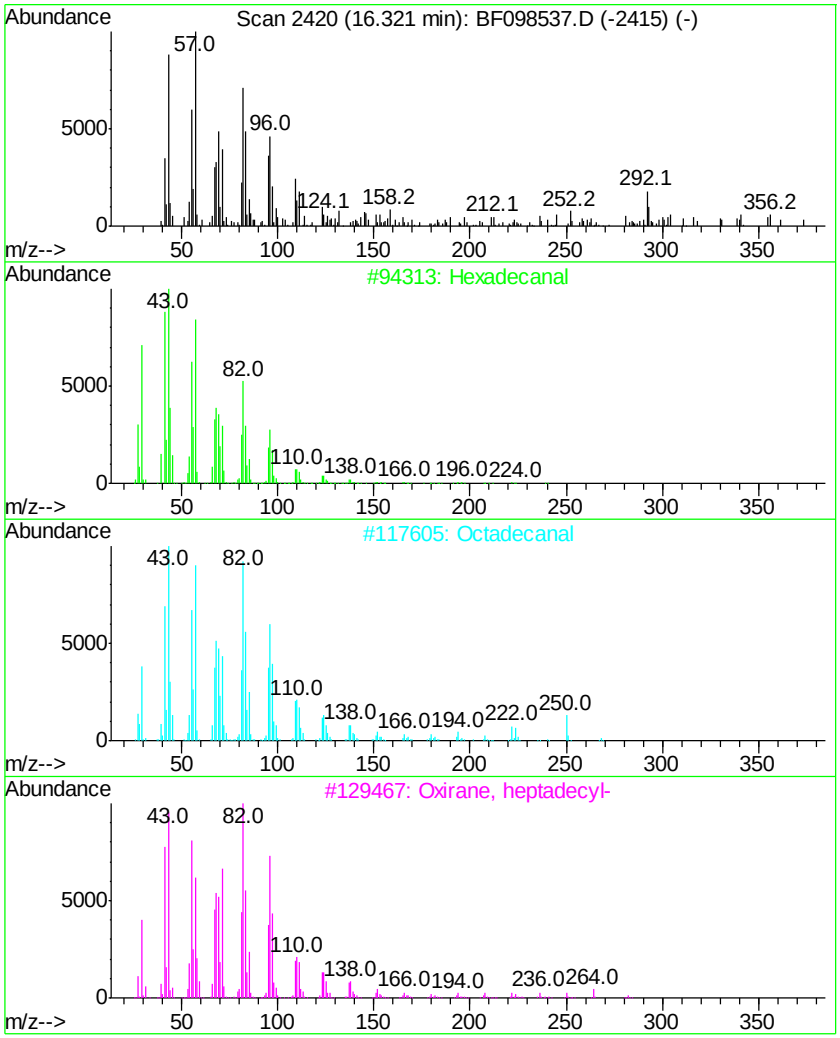
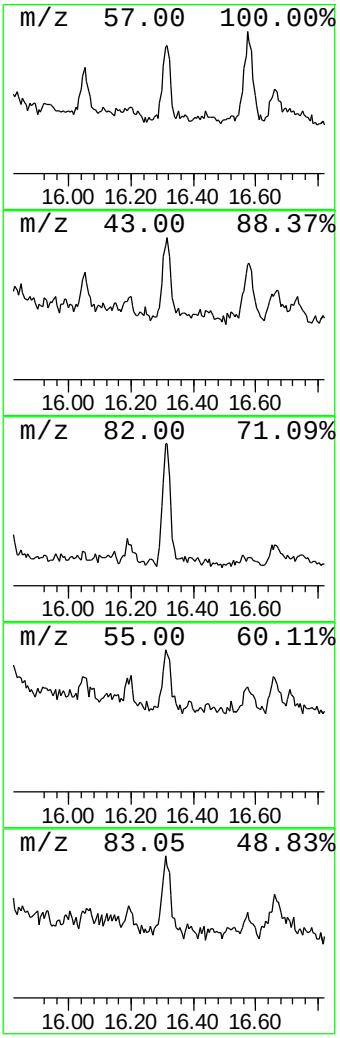
Peak Number 18 Hexadecanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	6.17 ng	283993	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanal	240	C16H32O	000629-80-1	80
2	Octadecanal	268	C18H36O	000638-66-4	80
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	62
4	2-Heptadecenal	252	C17H32O	1000143-48-6	43
5	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	38





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Data File : BF098537.D
Acq On : 14 Sep 2017 19:30
Operator : SJ/JU
Sample : I5161-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-15-0-17.5

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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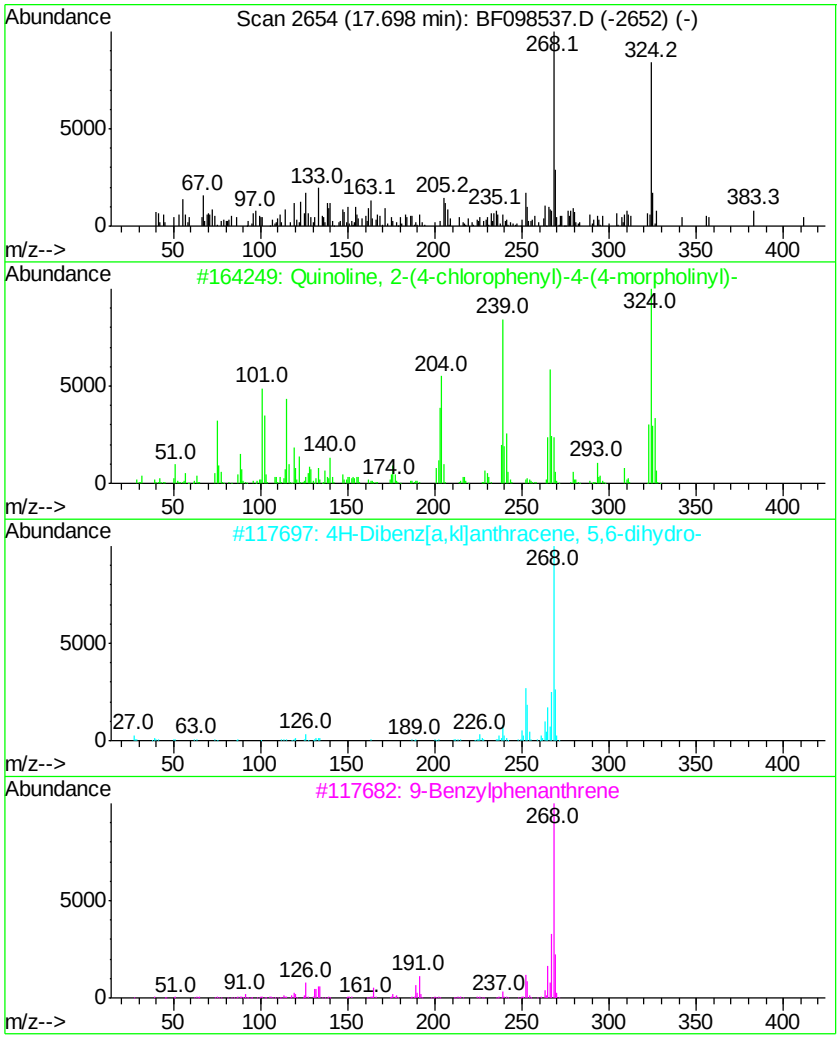
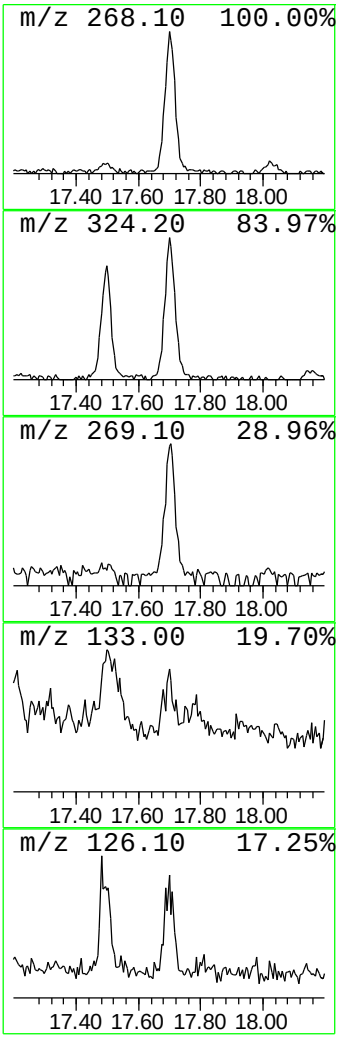
Peak Number 19 Quinoline, 2-(4-chloropheny... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	4.48 ng	206015	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-(4-chlorophenyl)-4-...	324	C19H17ClN2O	1000319-16-1	80
2	4H-Dibenz[a,kl]anthracene, 5,6-d...	268	C21H16	007198-87-0	46
3	9-Benzylphenanthrene	268	C21H16	000605-05-0	41
4	3-Methylcholanthrene	268	C21H16	000056-49-5	41
5	7-Chloro-3,4-dihydro-3-[4-pyridi...	324	C18H13ClN2O2	144155-16-8	38





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Data File : BF098537.D
Acq On : 14 Sep 2017 19:30
Operator : SJ/JU
Sample : I5161-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-15-0-17.5

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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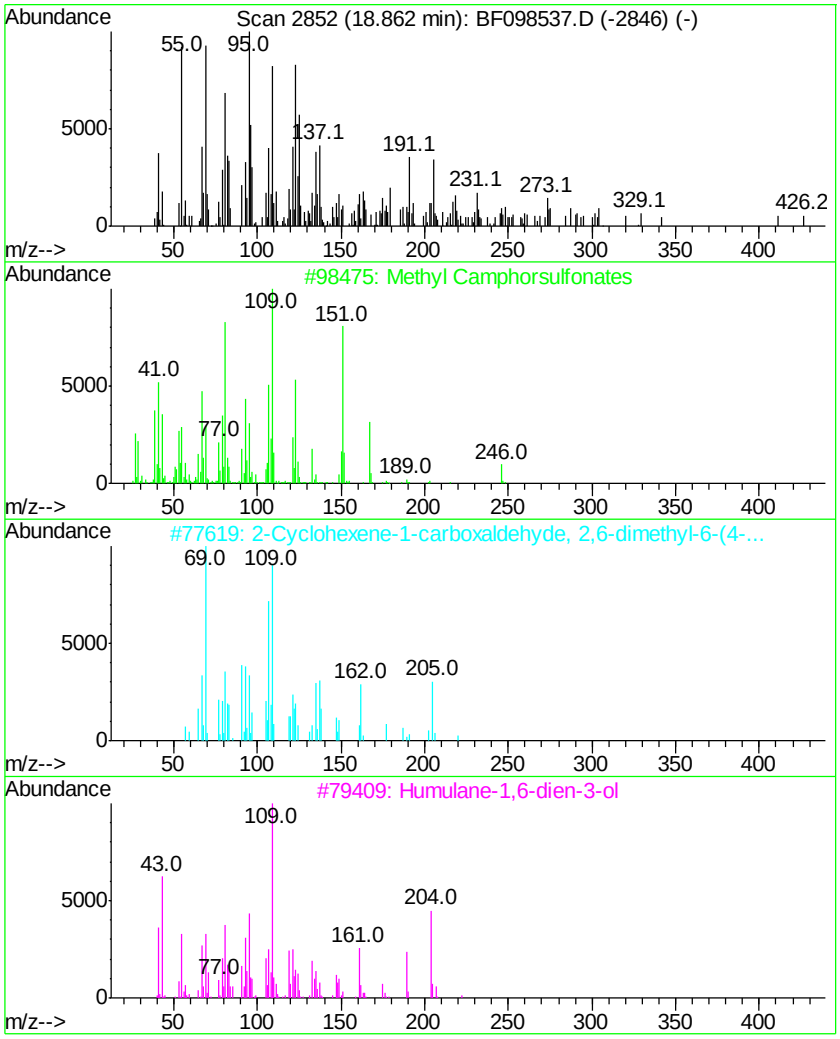
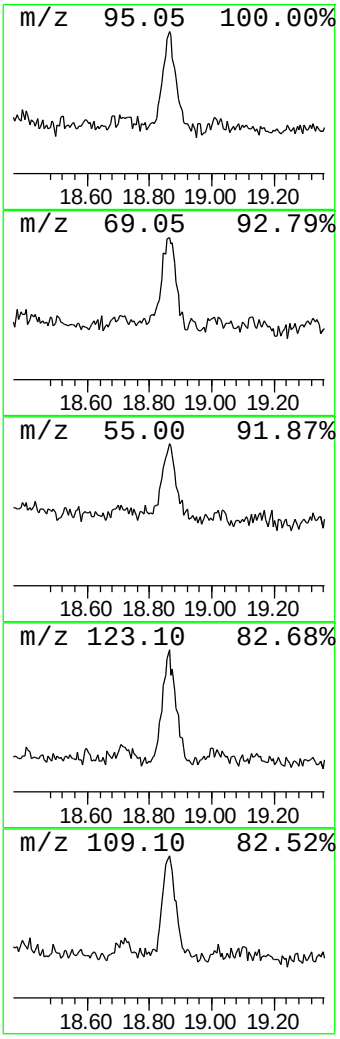
Peak Number 20 Methyl Camphorsulfonates Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	10.76 ng	494927	Perylene-d12	15.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Camphorsulfonates	246	C11H18O4S	046471-67-4	70
2	2-Cyclohexene-1-carboxaldehyde, ...	220	C15H24O	056772-07-7	50
3	Humulane-1,6-dien-3-ol	222	C15H26O	1000140-23-1	45
4	3,7,11,15-Tetramethylhexadeca-1,...	290	C20H34O	068931-30-6	44
5	trans-Geranylgeraniol	290	C20H34O	024034-73-9	43





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF091417\
Data File : BF098537.D
Acq On : 14 Sep 2017 19:30
Operator : SJ/JU
Sample : I5161-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-15-0-17.5

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...	4.82	9.3	ng	406398	1	6.65	872487	20.0
unknown6.42	6.42	77.7	ng	3388350	1	6.65	872487	20.0
Pentadecane, 2,6,...	10.60	3.6	ng	229871	4	11.16	1280000	20.0
Dibenzothiophene	11.06	2.8	ng	178216	4	11.16	1280000	20.0
5H-Dibenzo[a,d]cy...	11.69	4.4	ng	283913	4	11.16	1280000	20.0
4H-Cyclopenta[def...	11.77	5.2	ng	331259	4	11.16	1280000	20.0
9,10-Anthracenedione	11.99	2.8	ng	176829	4	11.16	1280000	20.0
Fluoranthene, 2-m...	12.93	3.0	ng	282233	5	13.80	1906920	20.0
Trichloroacetic a...	13.64	4.9	ng	470790	5	13.80	1906920	20.0
Oxalic acid, pent...	14.27	4.3	ng	415095	5	13.80	1906920	20.0
Perylene	15.08	11.6	ng	533241	6	15.20	919930	20.0
Oxirane, hexadecyl-	15.39	7.4	ng	339438	6	15.20	919930	20.0
Pentadecane, 8-he...	15.60	6.6	ng	304886	6	15.20	919930	20.0
1-Docosene	15.65	8.3	ng	379851	6	15.20	919930	20.0
Hexadecanal	16.32	6.2	ng	283993	6	15.20	919930	20.0
Quinoline, 2-(4-c...	17.70	4.5	ng	206015	6	15.20	919930	20.0
Methyl Camphorsul...	18.86	10.8	ng	494927	6	15.20	919930	20.0