LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083477.D
Acq On : 3 Dec 2015 23:53
Operator : UM/IZ
Sample : G4617-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08

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-BF113015.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	2.258	46	50	53	rVB	46872	105352	1.80%	0.149%
2	3.116	119	125	132	rVB2	40454	109309	1.87%	0.154%
3	4.647	257	259	268	rVB	730055	1378551	23.58%	1.947%
4	5.036	290	293	298	rVB	163780	249610	4.27%	0.353%
5	5.127	298	301	303	rBV	4112419	5314111	90.90%	7.505%
6	5.322	316	318	324	rVV	164172	228958	3.92%	0.323%
7	5.973	370	375	379	rBV3	51350	107872	1.85%	0.152%
8	6.042	379	381	382	rBV	89569	106126	1.82%	0.150%
9	6.213	392	396	398	rVV	3971548	5846211	100.00%	8.257%
10	6.304	402	404	407	rVV	5339768	5246455	89.74%	7.410%
11	6.350	407	408	409	rVV	240900	208766	3.57%	0.295%
12	6.522	421	423	425	rBV	787497	993878	17.00%	1.404%
13	6.682	435	437	440	rBV	3286917	3854064	65.92%	5.443%
14	7.105	471	474	476	rVV	3316558	3444833	58.92%	4.865%
15	7.150	476	478	480	rVV	105964	138458	2.37%	0.196%
16	7.813	534	536	543	rBV2	1213832	1798423	30.76%	2.540%
17	8.213	567	571	573	rBV2	52520	124911	2.14%	0.176%
18	8.259	573	575	578	rVV	82590	125167	2.14%	0.177%
19	8.430	588	590	592	rVV	154472	135873	2.32%	0.192%
20	8.533	596	599	601	rVV	457323	469799	8.04%	0.664%
21	8.625	605	607	611	rVB	421463	405398	6.93%	0.573%
22	8.773	618	620	621	rBV	105334	112229	1.92%	0.159%
23	8.899	628	631	633	rVB	5283142	5000323	85.53%	7.062%
24	8.990	637	639	642	rBV	230988	230049	3.94%	0.325%
25	9.150	650	653	656	rBV	134736	204836	3.50%	0.289%
26	9.230	657	660	661	rBV	215664	305918	5.23%	0.432%
27	9.253	661	662	664	rVB	240110	197319	3.38%	0.279%
28	9.299	664	666	668	rBV	1115610	1094602	18.72%	1.546%
29	9.345	668	670	673	rVB2	164261	269580	4.61%	0.381%
30	9.425	675	677	679	rVB	131135	129963	2.22%	0.184%
31	9.516	683	685	687	rBV	351110	349693	5.98%	0.494%
32	9.562	687	689	691	rBV	1634602	1517052	25.95%	2.143%
33	9.768	704	707	709	rBV2	202318	269331	4.61%	0.380%
34	9.836	712	713	715	rVB2	146953	122342	2.09%	0.173%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083477.D
Acq On : 3 Dec 2015 23:53
Operator : UM/IZ
Sample : G4617-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08

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-BF113015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.882	715	717	718	rBV2	112938	137947	2.36%	0.195%
36	9.962	722	724	727	rBV3	104859	232152	3.97%	0.328%
37	10.019	727	729	730	rVB	379519	358202	6.13%	0.506%
38	10.099	734	736	741	rVB	283042	283726	4.85%	0.401%
39	10.236	745	748	749	rVV	206621	259374	4.44%	0.366%
40	10.259	749	750	753	rVV2	125129	180223	3.08%	0.255%
41	10.351	756	758	761	rVV	3022593	3217406	55.03%	4.544%
42	10.511	768	772	774	rVV	501882	987245	16.89%	1.394%
43	10.591	777	779	781	rVV3	162043	182499	3.12%	0.258%
44	10.693	787	788	790	rVV	78402	122704	2.10%	0.173%
45	10.739	790	792	795	rVV2	59875	135173	2.31%	0.191%
46	10.819	795	799	803	rVV7	135315	385537	6.59%	0.545%
47	10.934	807	809	811	rVV2	81781	124249	2.13%	0.175%
48	10.979	811	813	815	rVV	255683	336345	5.75%	0.475%
49	11.014	815	816	820	rVB	88831	123823	2.12%	0.175%
50	11.094	820	823	824	rBV	1207799	1339772	22.92%	1.892%
51	11.128	824	826	828	rVV	777668	1031186	17.64%	1.456%
52	11.185	828	831	833	rVV	184286	274947	4.70%	0.388%
53	11.379	846	848	851	rVV	97491	139640	2.39%	0.197%
54	11.494	855	858	862	rVB2	192940	241260	4.13%	0.341%
55	11.699	872	876	877	rBV2	161835	221134	3.78%	0.312%
56	11.734	877	879	882	rVB	239017	284980	4.87%	0.402%
57	11.802	882	885	886	rBV	368837	584879	10.00%	0.826%
58	11.836	886	888	889	rVV	243621	332654	5.69%	0.470%
59	11.871	889	891	893	rVB	119504	178203	3.05%	0.252%
60	12.019	901	904	906	rBV	111817	145702	2.49%	0.206%
61	12.088	908	910	911	rBV	68586	112069	1.92%	0.158%
62	12.431	936	940	942	rBV2	148199	305313	5.22%	0.431%
63	12.545	947	950	952	rVB3	158022	246570	4.22%	0.348%
64	12.625	954	957	960	rBV	1403288	1580830	27.04%	2.233%
65	12.819	972	974	976	rBV2	68150	106306	1.82%	0.150%
66	12.865	976	978	980	rBV	95464	144896	2.48%	0.205%
67	12.934	980	984	986	rVV2	1156977	1653452	28.28%	2.335%
68	13.185	1002	1006	1009	rVB	2916929	3781200	64.68%	5.340%
69	13.265	1009	1013	1015	rBV4	66187	141251	2.42%	0.199%
70	13.414	1021	1026	1029	rVB3	186990	391552	6.70%	0.553%
71	13.517	1032	1035	1037	rBV2	99531	149340	2.55%	0.211%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083477.D
Acq On : 3 Dec 2015 23:53
Operator : UM/IZ
Sample : G4617-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.562	1037	1039	1041	rVV3	124931	190785	3.26%	0.269%
73	13.608	1041	1043	1048	rVV3	88285	145332	2.49%	0.205%
74	13.905	1066	1069	1073	rBV	97850	178317	3.05%	0.252%
75	14.134	1085	1089	1090	rVV2	115276	251674	4.30%	0.355%
76	14.180	1090	1093	1097	rVV2	154935	357790	6.12%	0.505%
77	14.328	1103	1106	1108	rVV	113656	223681	3.83%	0.316%
78	14.374	1108	1110	1111	rVV	86687	144497	2.47%	0.204%
79	14.431	1114	1115	1118	rVV3	80701	164071	2.81%	0.232%
80	14.488	1118	1120	1123	rVB	95550	152493	2.61%	0.215%
81	14.614	1129	1131	1134	rBV	302031	610999	10.45%	0.863%
82	14.705	1136	1139	1141	rVV2	864593	1786995	30.57%	2.524%
83	14.751	1141	1143	1145	rVB	556850	734606	12.57%	1.038%
84	14.865	1151	1153	1155	rVB2	90641	118483	2.03%	0.167%
85	14.934	1157	1159	1165	rVV5	46951	128701	2.20%	0.182%
86	15.025	1165	1167	1170	rVB2	72807	115129	1.97%	0.163%
87	15.082	1170	1172	1175	rBV	63763	118261	2.02%	0.167%
88	15.140	1175	1177	1181	rVB	101942	179697	3.07%	0.254%
89	15.323	1190	1193	1196	rBV	89987	164227	2.81%	0.232%
90	15.631	1218	1220	1226	rVB2	127052	253483	4.34%	0.358%
91	16.043	1253	1256	1259	rBV2	46746	115463	1.98%	0.163%
92	16.271	1272	1276	1278	rBV	535099	1093403	18.70%	1.544%
93	16.408	1286	1288	1290	rVB	81165	118102	2.02%	0.167%
94	16.637	1305	1308	1311	rBV	277043	420362	7.19%	0.594%
95	16.706	1311	1314	1317	rVB	391057	490596	8.39%	0.693%
96	16.786	1318	1321	1322	rBV	487399	798488	13.66%	1.128%
97	17.483	1380	1382	1386	rVB3	76805	149891	2.56%	0.212%
98	18.157	1438	1441	1446	rVB2	218053	441206	7.55%	0.623%
99	18.374	1457	1460	1464	rBV3	58275	186051	3.18%	0.263%
100	18.523	1470	1473	1478	rVB	171561	321383	5.50%	0.454%

Sum of corrected areas: 70803269

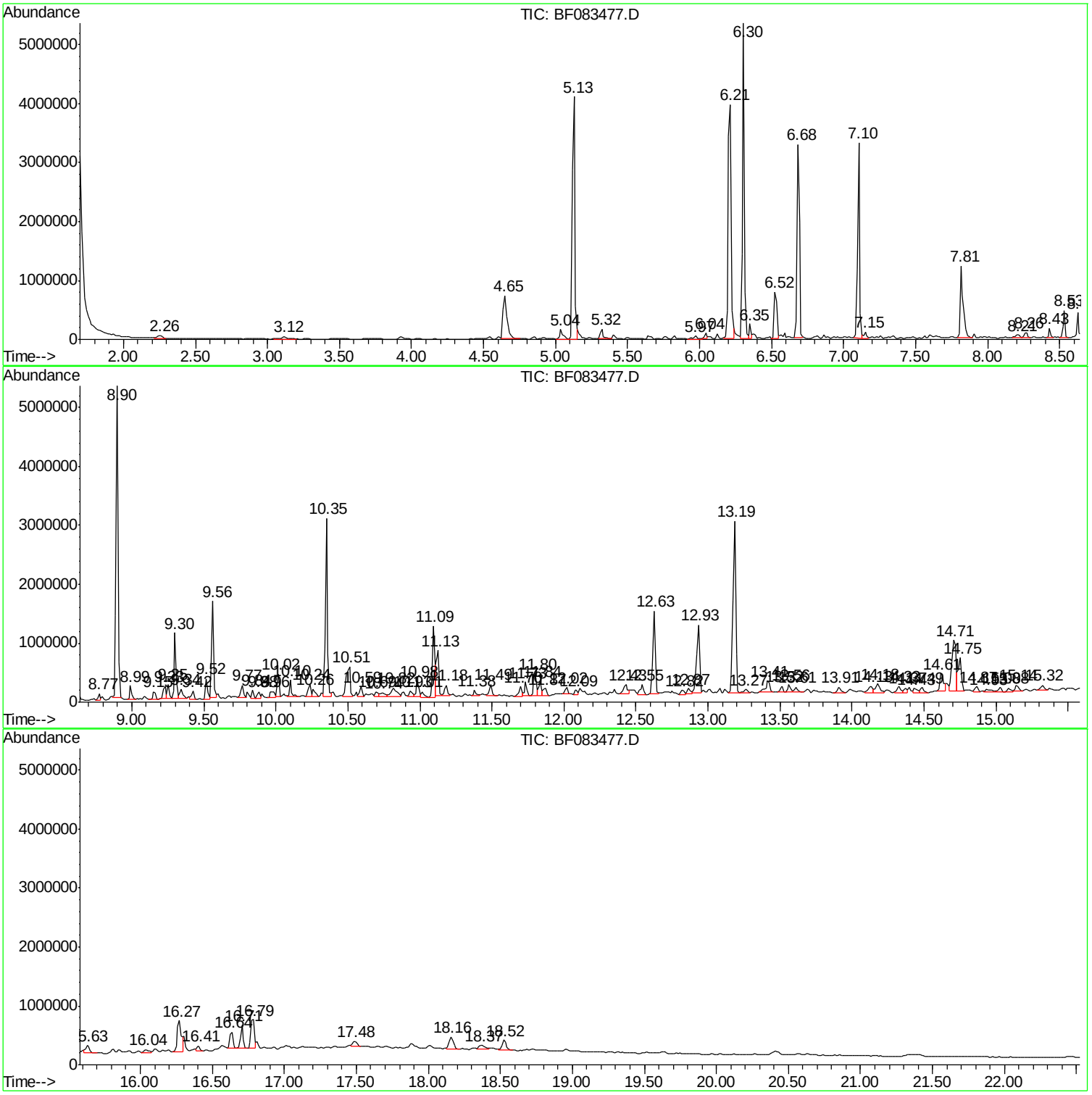
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083477.D
Acq On : 3 Dec 2015 23:53
Operator : UM/IZ
Sample : G4617-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083477.D
Acq On : 3 Dec 2015 23:53
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Sample : G4617-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

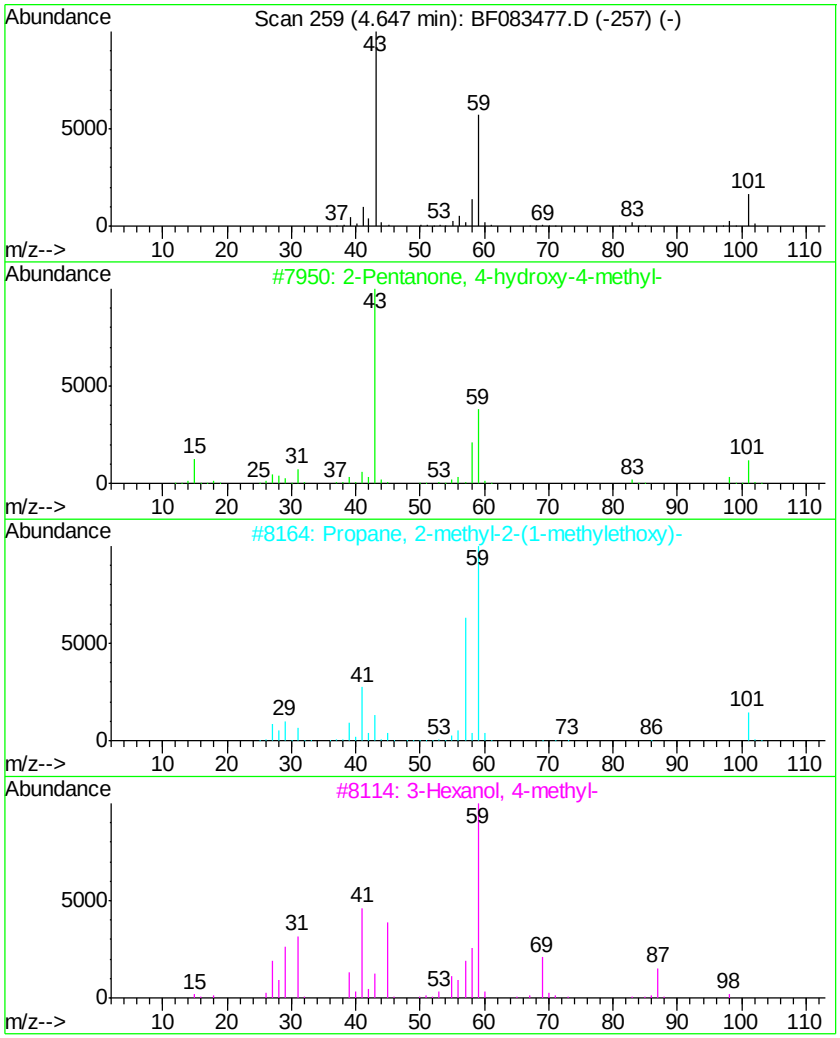
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

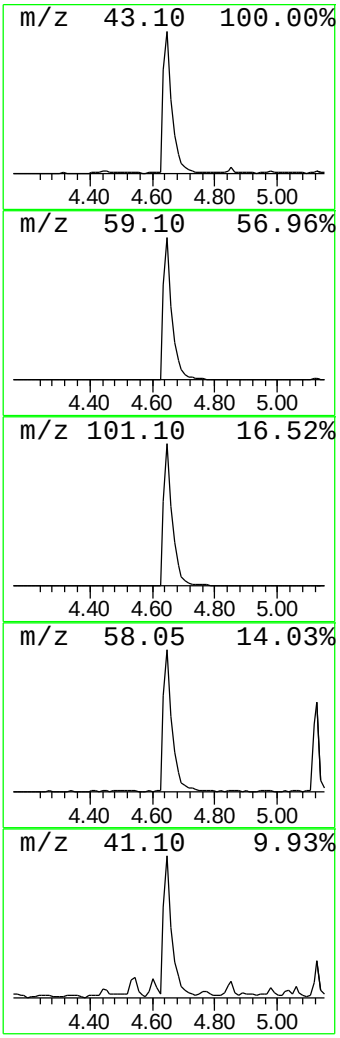
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	27.74 ng	1378550	1,4-Dichlorobenzene-d4	6.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083477.D
Acq On : 3 Dec 2015 23:53
Operator : UM/IZ
Sample : G4617-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

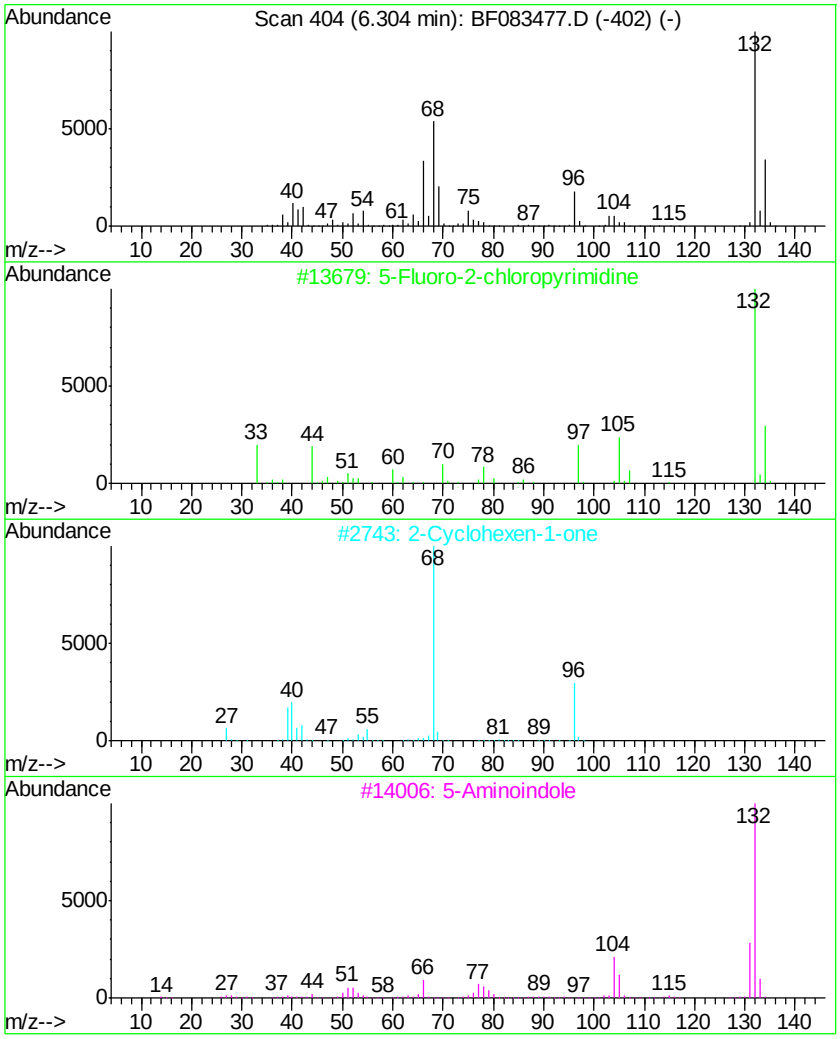
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

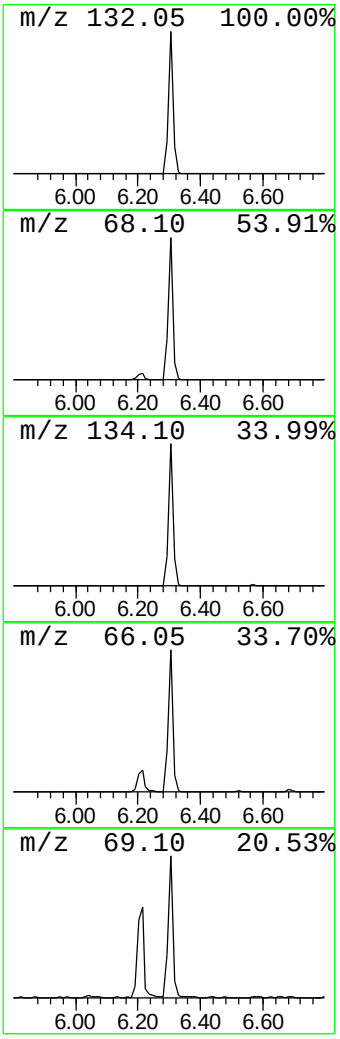
****

Peak Number 4 unknown6.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	105.58 ng	5246460	1,4-Dichlorobenzene-d4	6.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083477.D
Acq On : 3 Dec 2015 23:53
Operator : UM/IZ
Sample : G4617-01
Misc :
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Instrument : BNA_F
ClientSampleId : SB-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

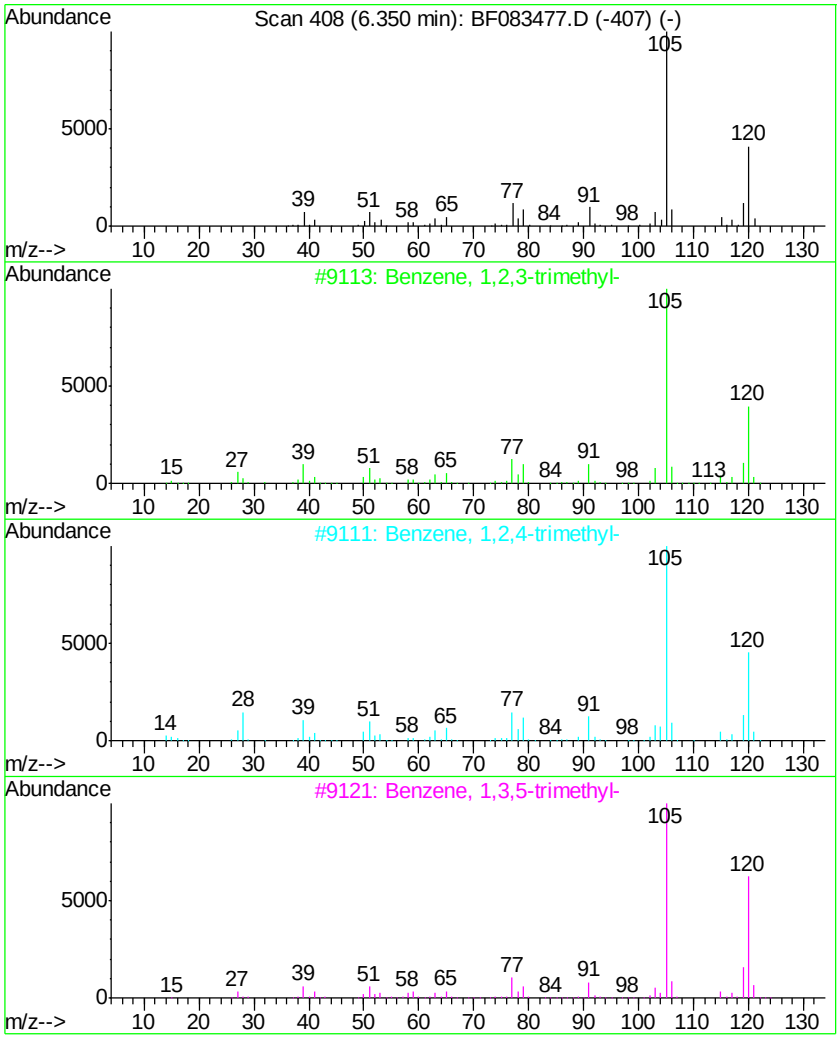
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

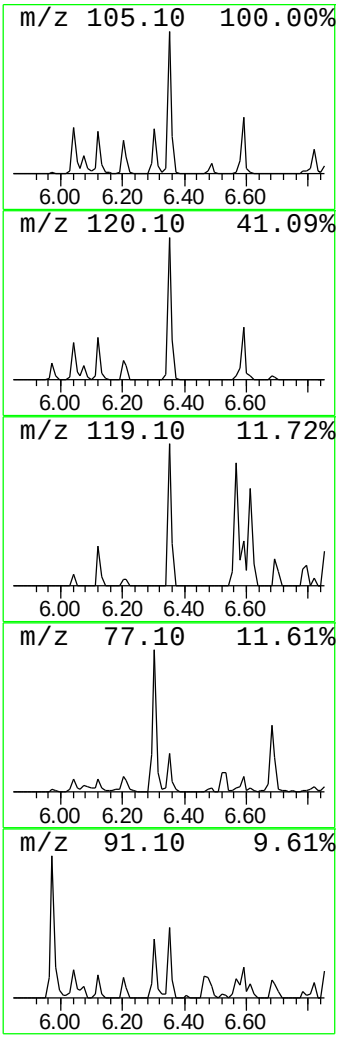
****

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	4.20 ng	208766	1,4-Dichlorobenzene-d4	6.53

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, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083477.D
Acq On : 3 Dec 2015 23:53
Operator : UM/IZ
Sample : G4617-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

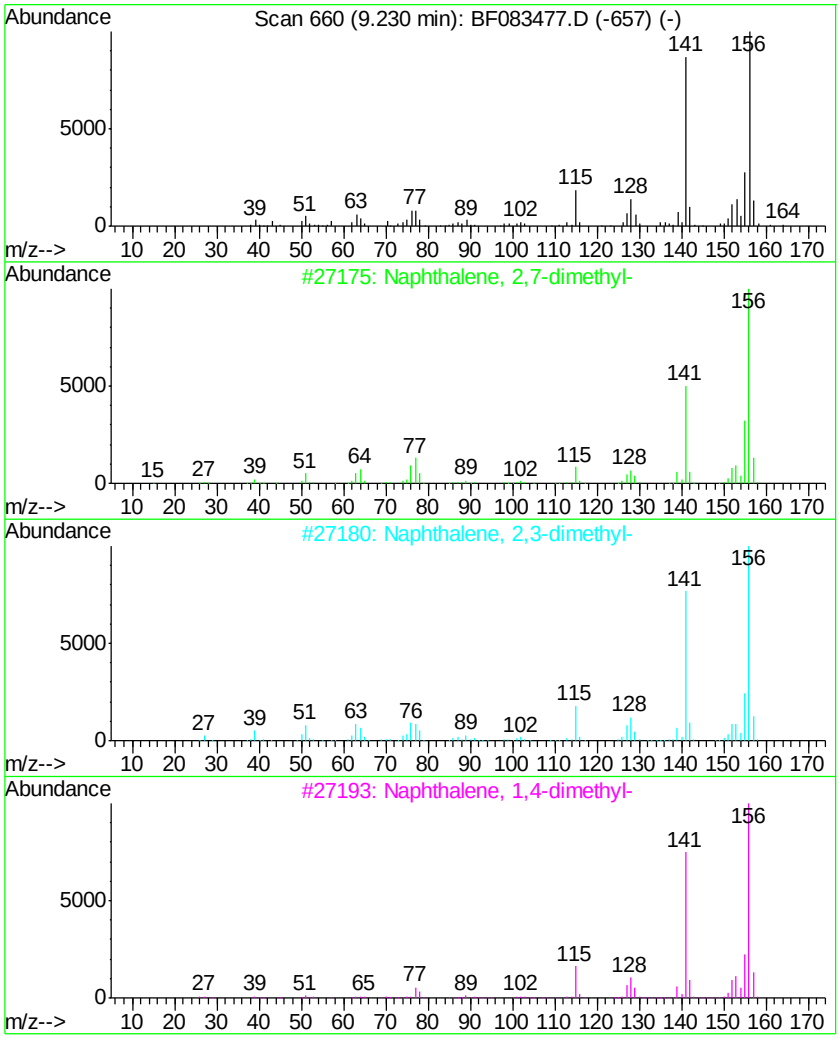
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

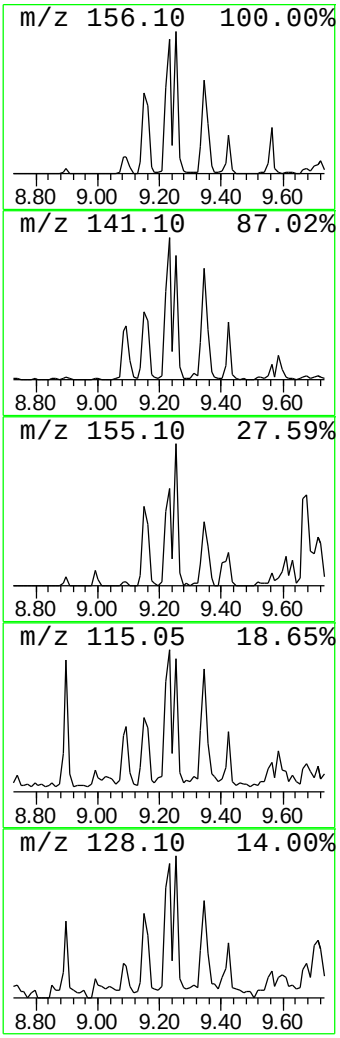
****

Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	4.03 ng	305918	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083477.D
Acq On : 3 Dec 2015 23:53
Operator : UM/IZ
Sample : G4617-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

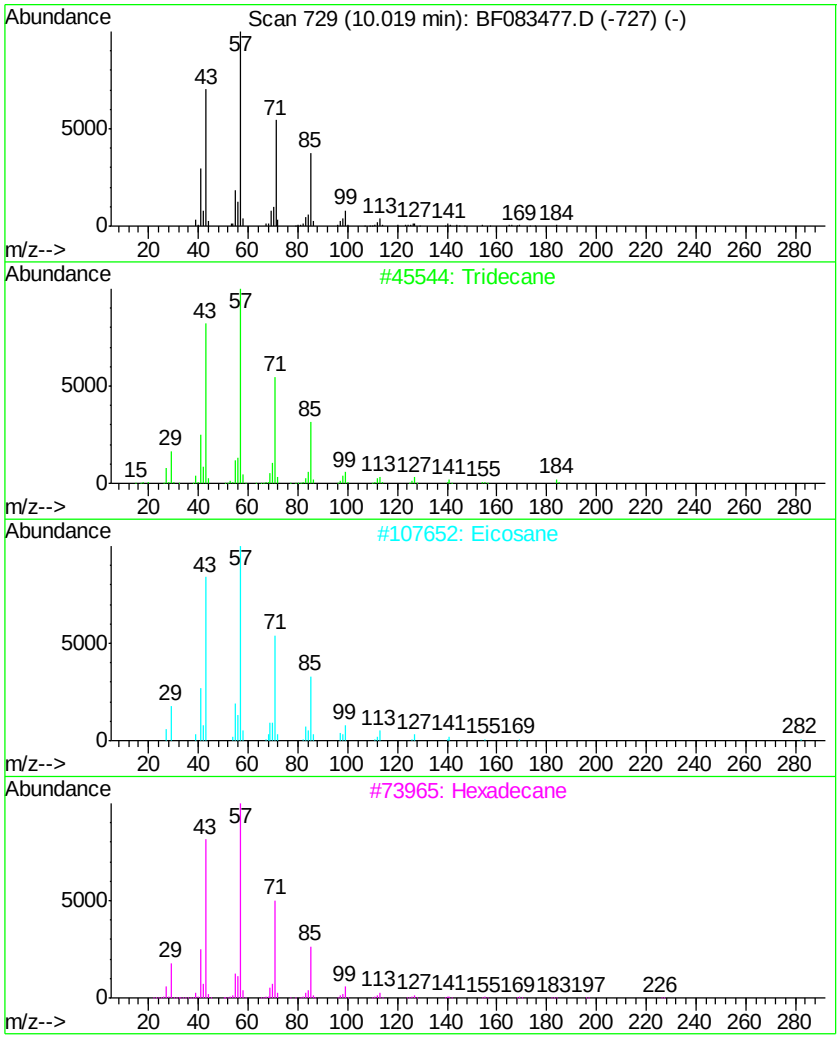
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

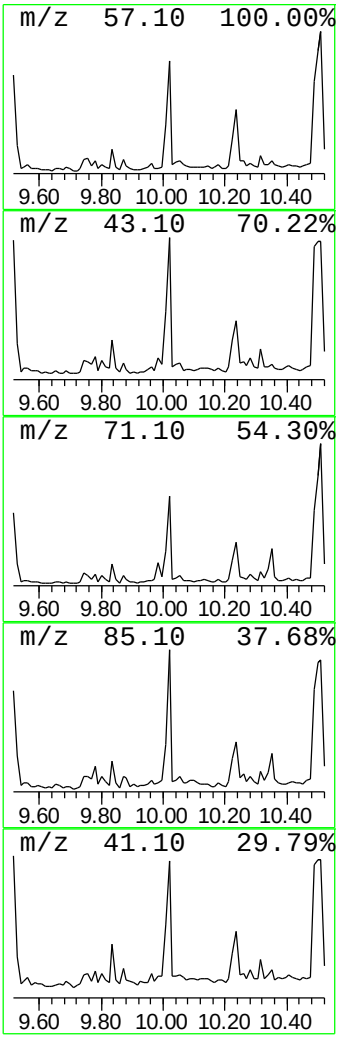
****

Peak Number 9 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	4.72 ng	358202	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Pentadecane	212	C15H32	000629-62-9	90
5	Heptadecane	240	C17H36	000629-78-7	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083477.D
Acq On : 3 Dec 2015 23:53
Operator : UM/IZ
Sample : G4617-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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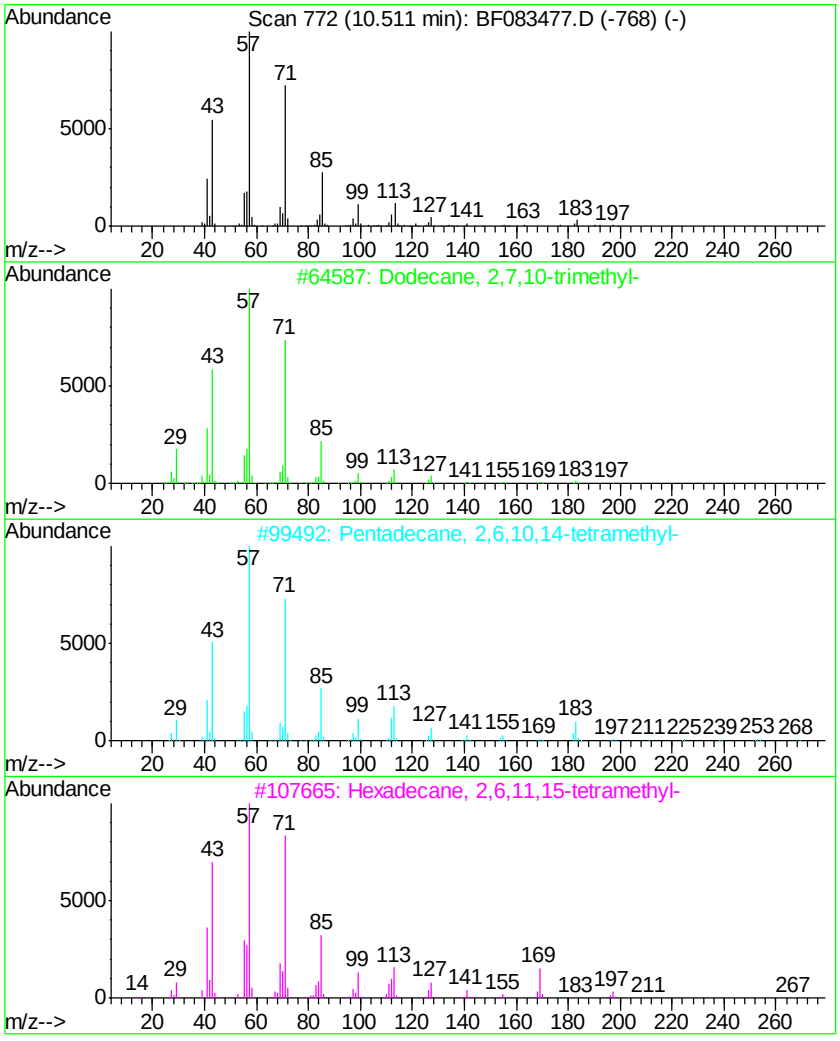
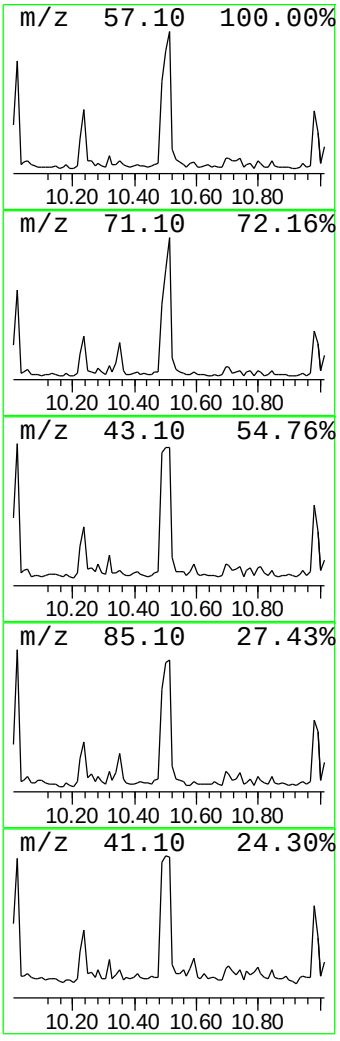
Peak Number 10 Dodecane, 2,7,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	14.74 ng	987245	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	83
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78





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Data File : BF083477.D
Acq On : 3 Dec 2015 23:53
Operator : UM/IZ
Sample : G4617-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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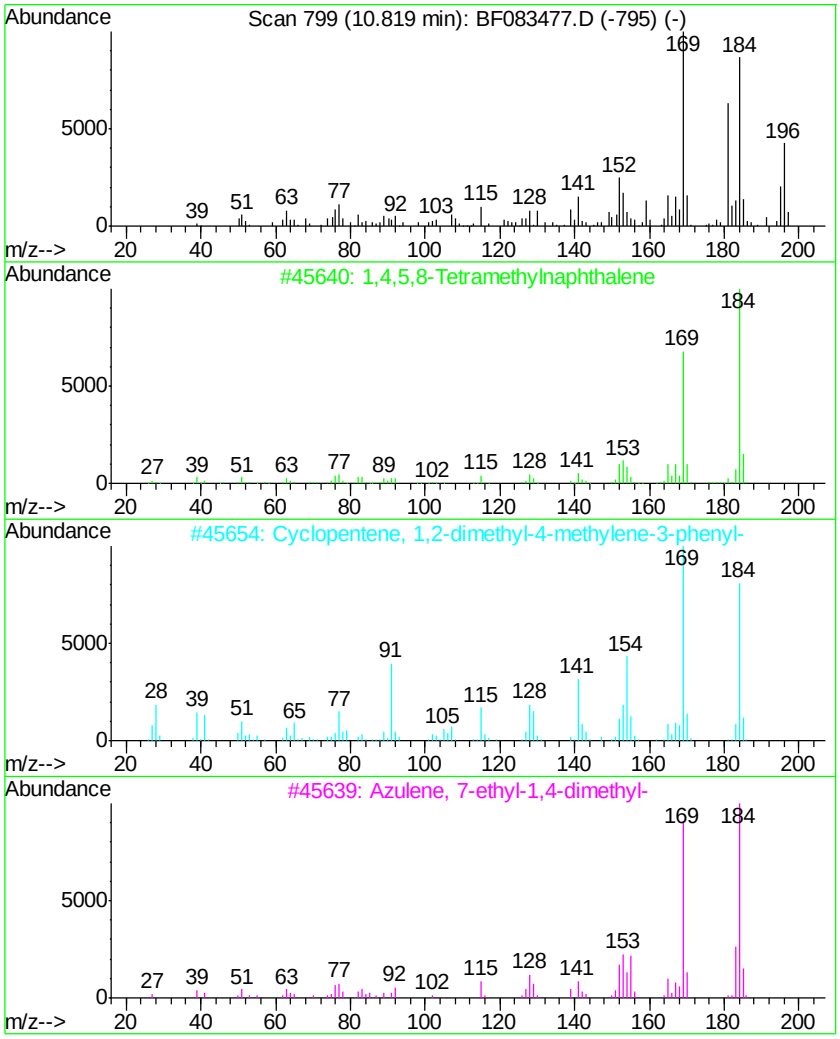
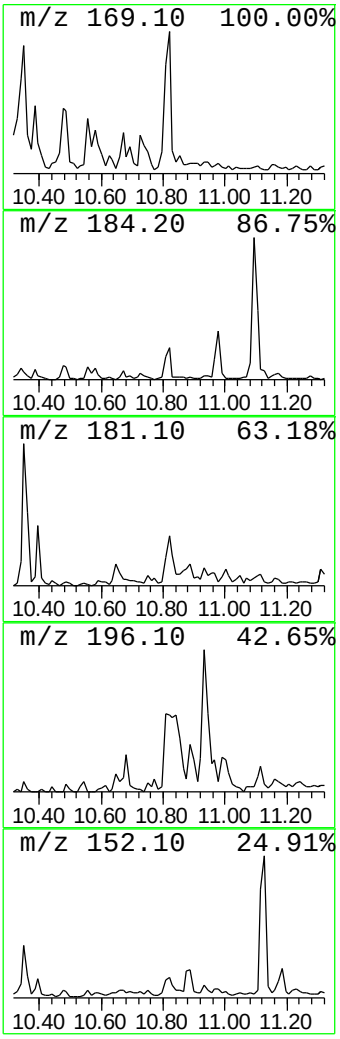
Peak Number 11 1,4,5,8-Tetramethylnaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	5.76 ng	385537	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	78
2	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	60
3	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	60
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	55
5	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	49





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Sample : G4617-01
Misc :
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Instrument : BNA_F
ClientSampleId : SB-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
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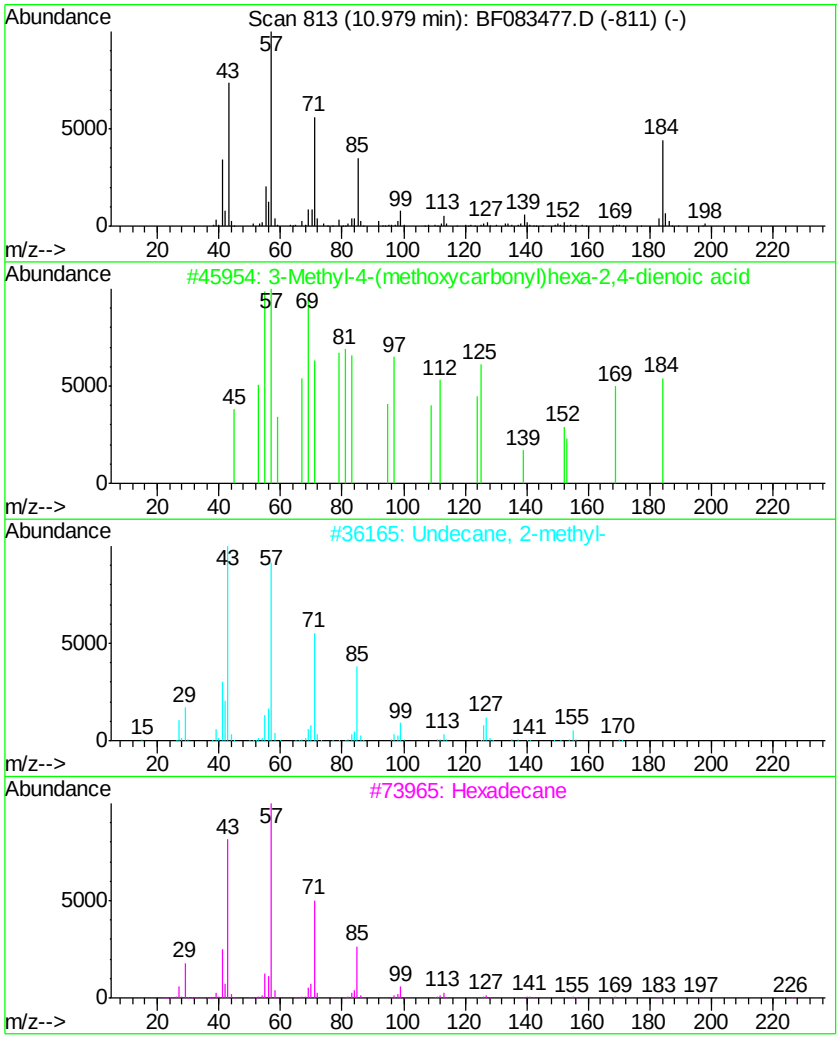
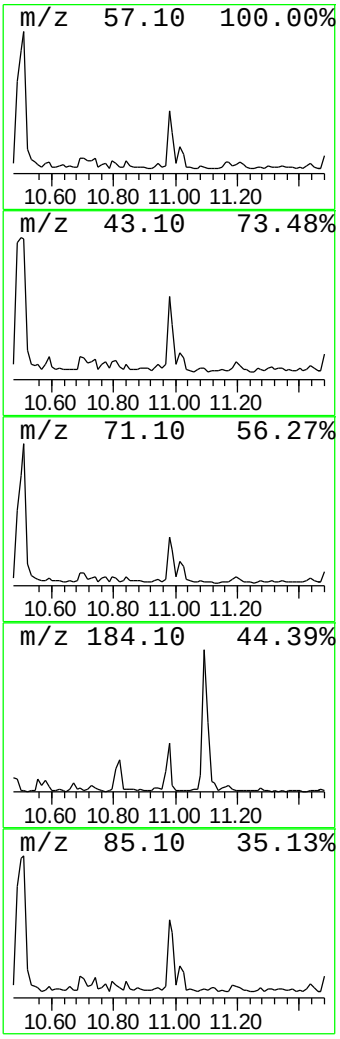
Peak Number 12 3-Methyl-4-(methoxycarbonyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	5.02 ng	336345	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	70
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	49
3	Hexadecane	226	C16H34	000544-76-3	49
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	46
5	Octacosane	394	C28H58	000630-02-4	43





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ClientSampleId : SB-08

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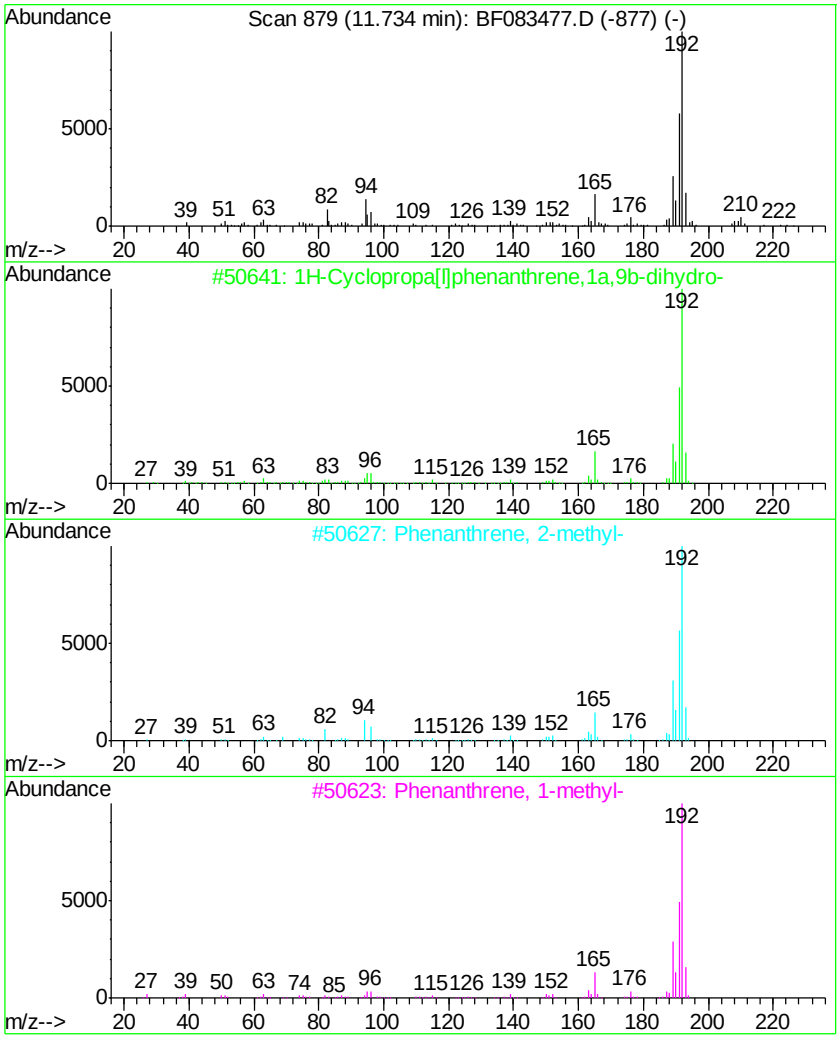
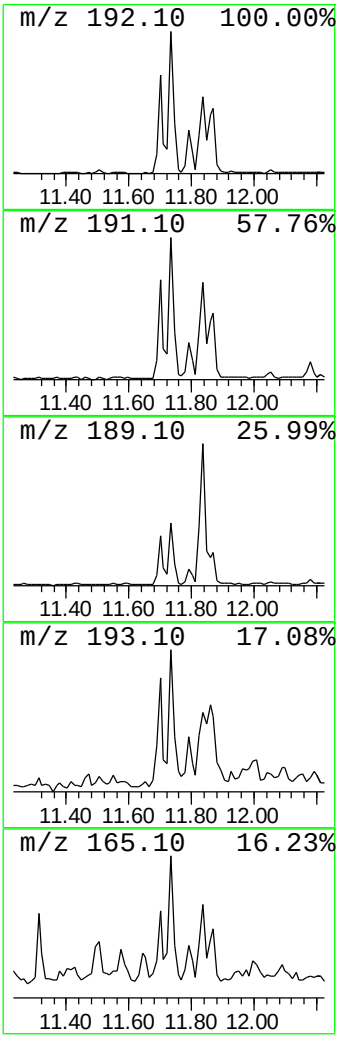
Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	4.25 ng	284980	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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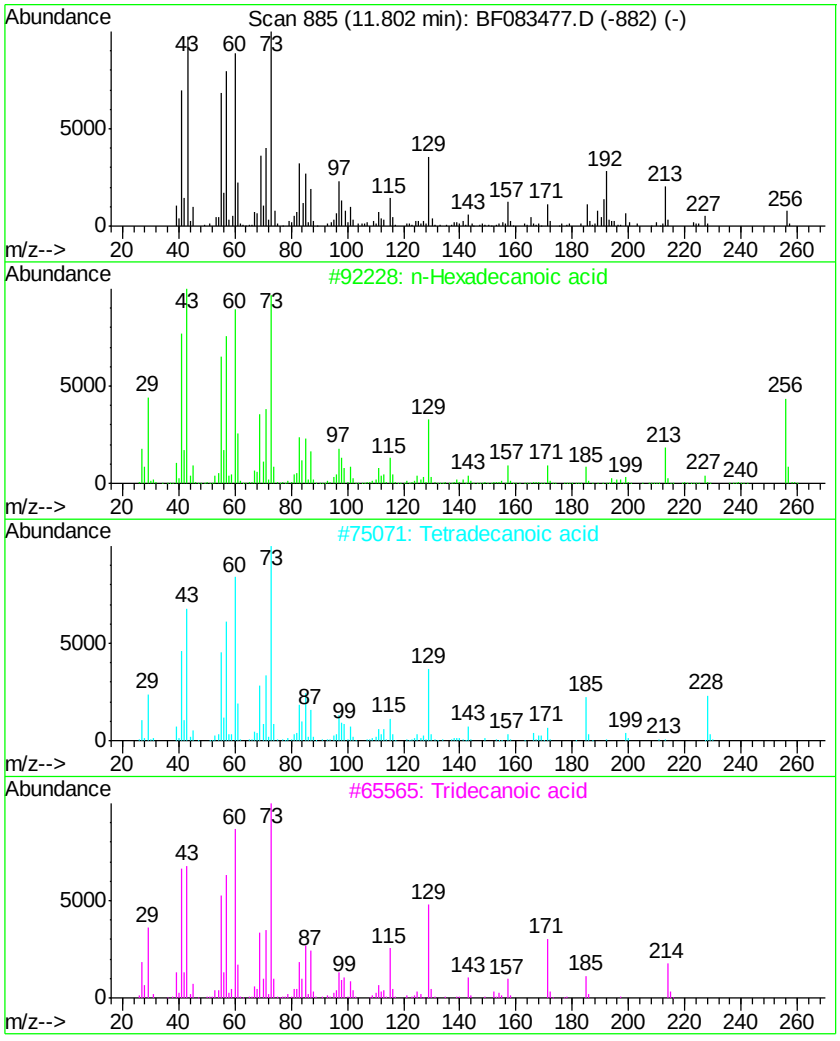
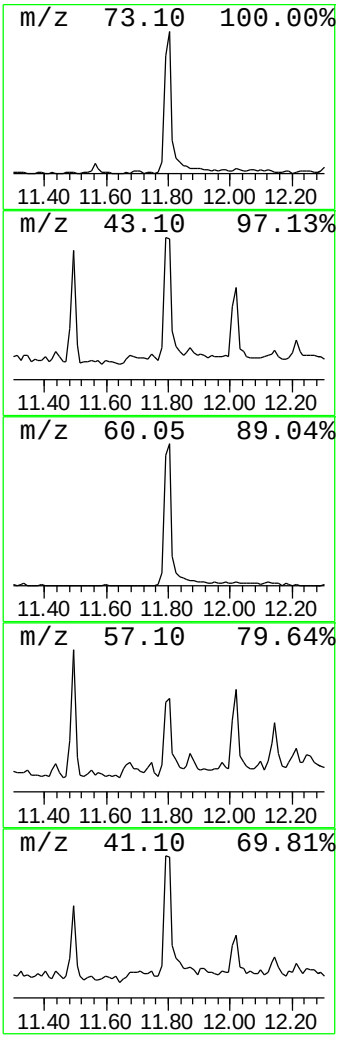
Peak Number 14 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	8.73 ng	584879	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Nonanoic acid	158	C9H18O2	000112-05-0	18
5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	15





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Sample : G4617-01
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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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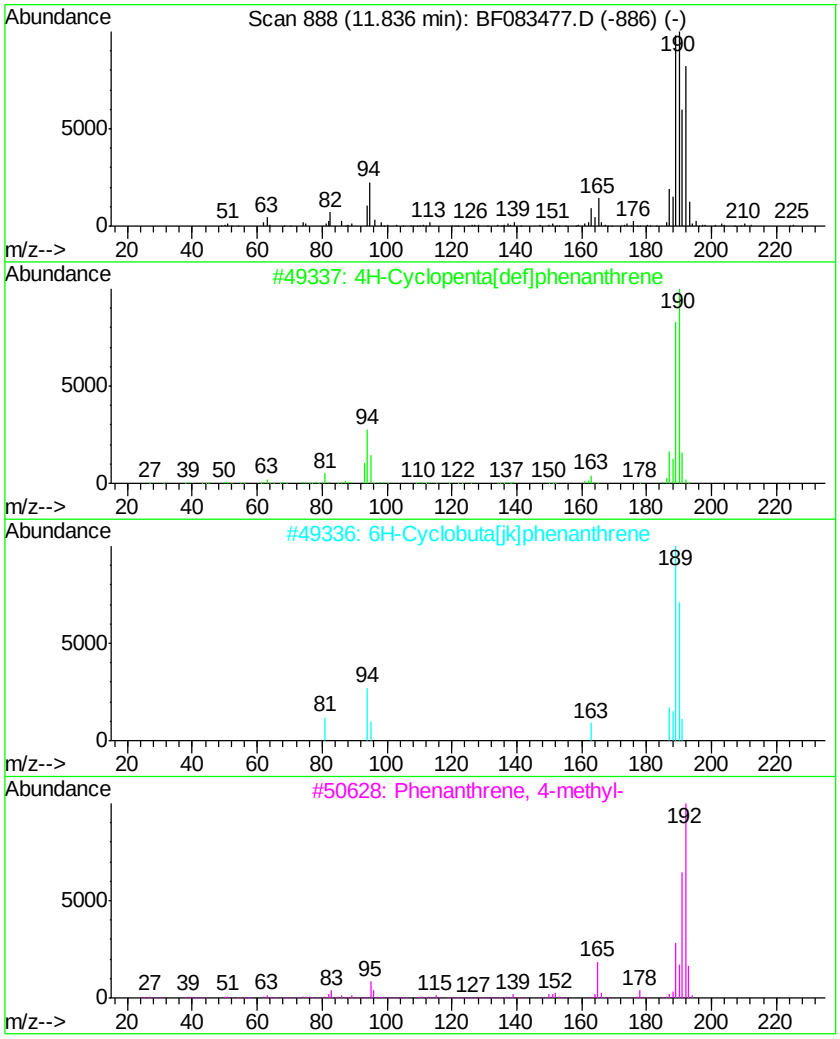
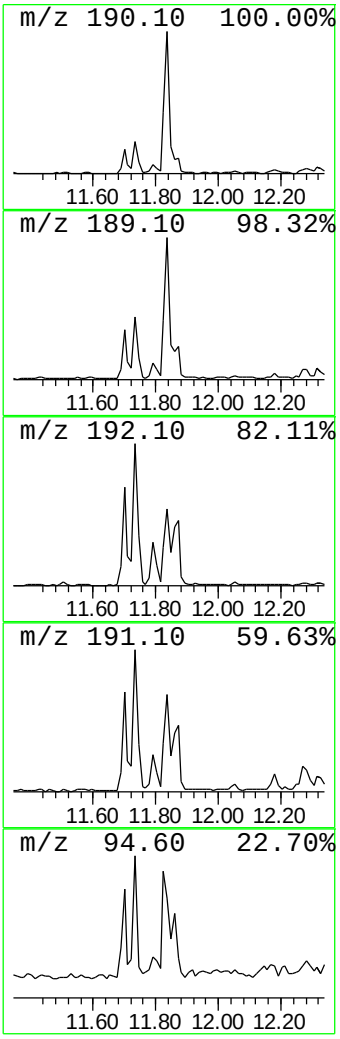
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	4.97 ng	332654	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42





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Sample : G4617-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08

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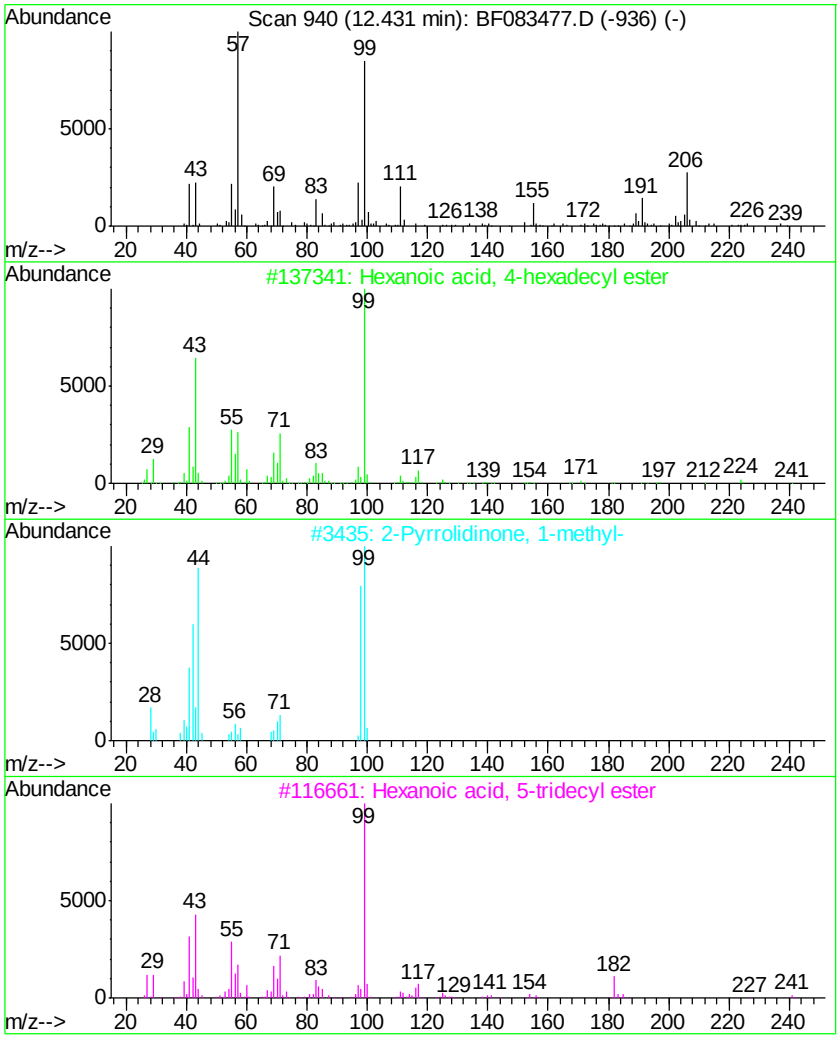
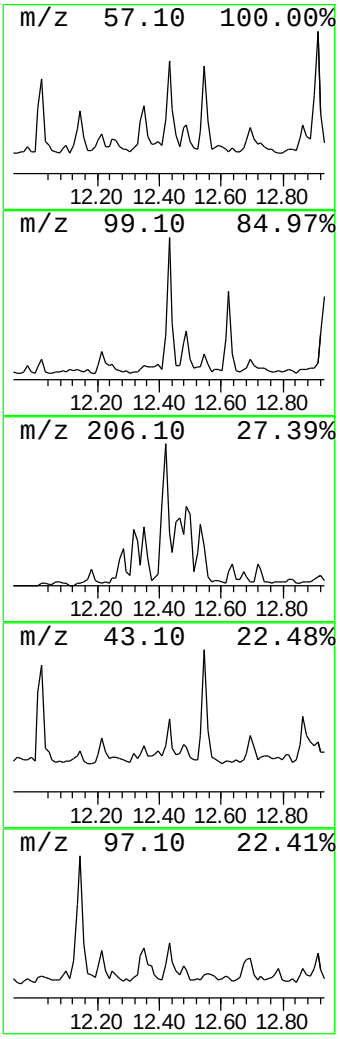
Peak Number 16 unknown12.43 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	4.56 ng	305313	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 4-hexadecyl ester	340	C22H44O2	1000282-83-8	35
2	2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	35
3	Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	32
4	Spiro[bicyclo[2.2.1]heptane-2,2'...	210	C12H18O3	018501-54-7	30
5	2-Propylthiazole	127	C6H9NS	017626-75-4	27





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Instrument : BNA_F
ClientSampleId : SB-08

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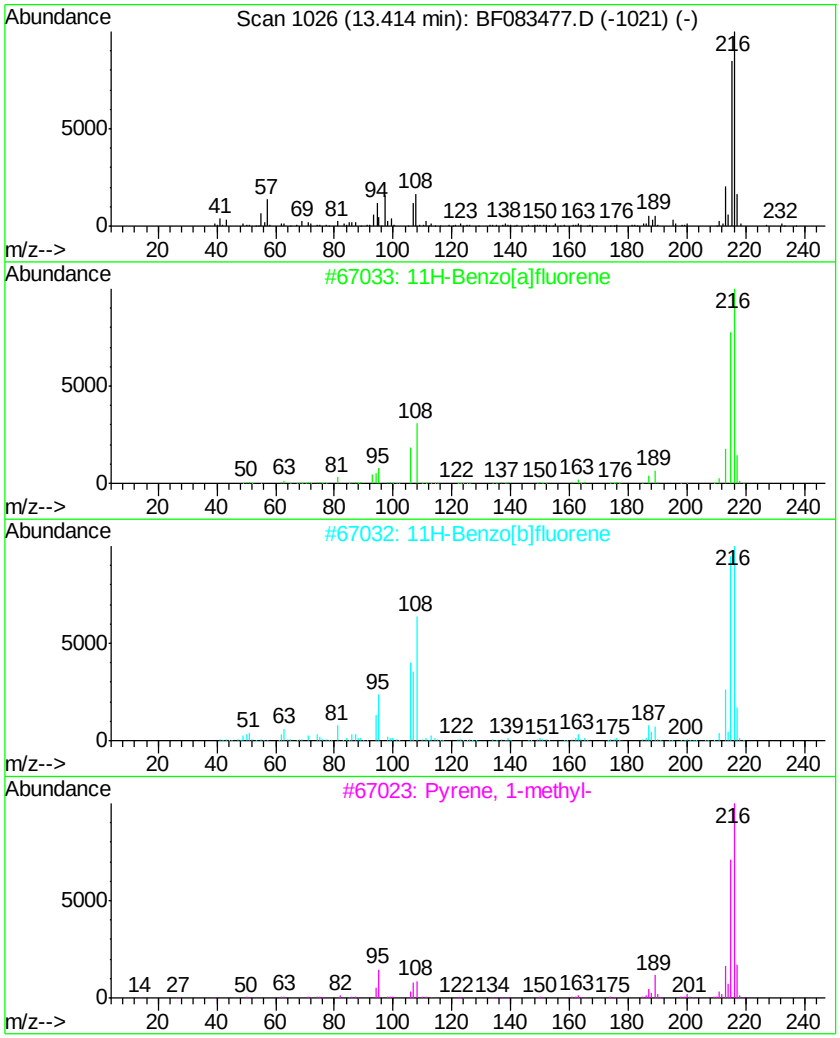
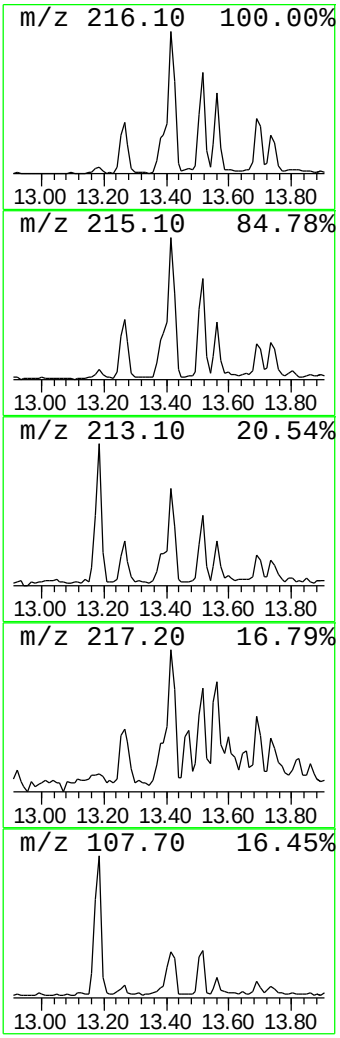
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	4.38 ng	391552	Chrysene-d12	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Operator : UM/IZ
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Instrument : BNA_F
ClientSampleId : SB-08

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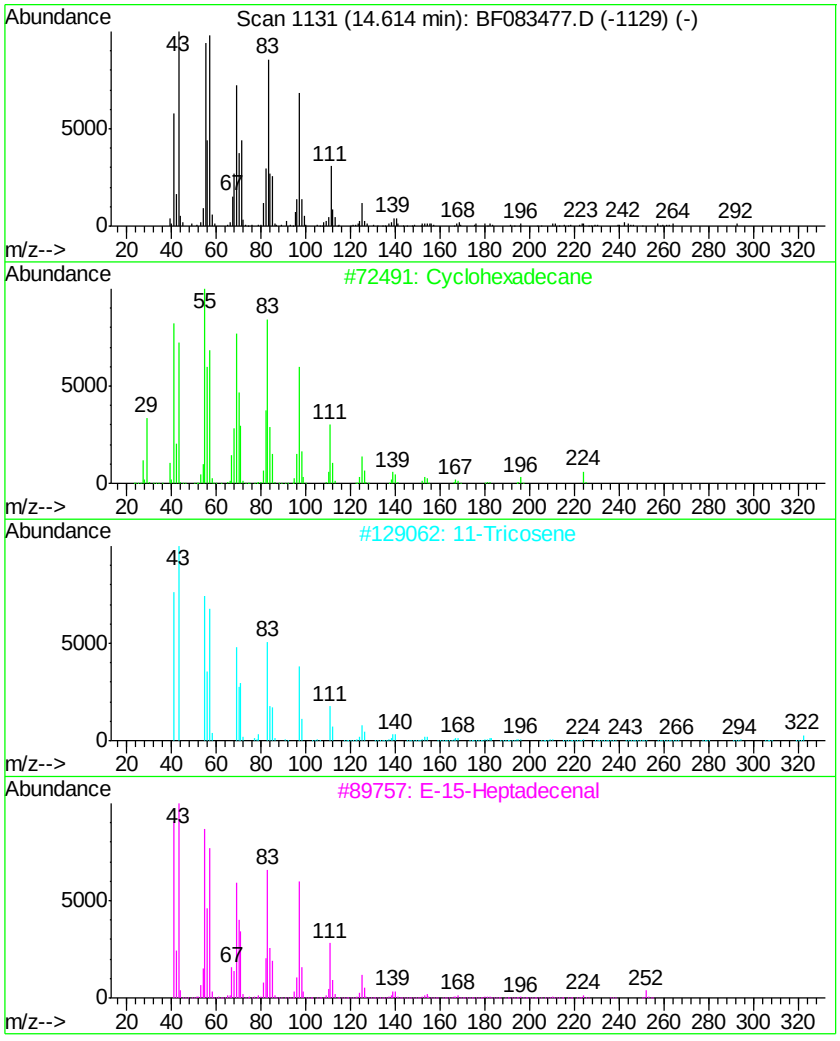
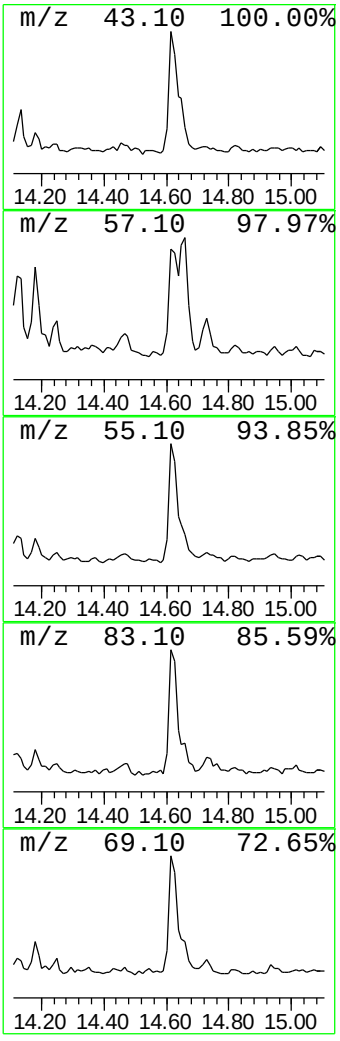
Peak Number 18 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	6.84 ng	610999	Chrysene-d12	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	11-Tricosene	322	C23H46	052078-56-5	91
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	91
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5	1-Nonadecanol	284	C19H40O	001454-84-8	91





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ClientSampleId : SB-08

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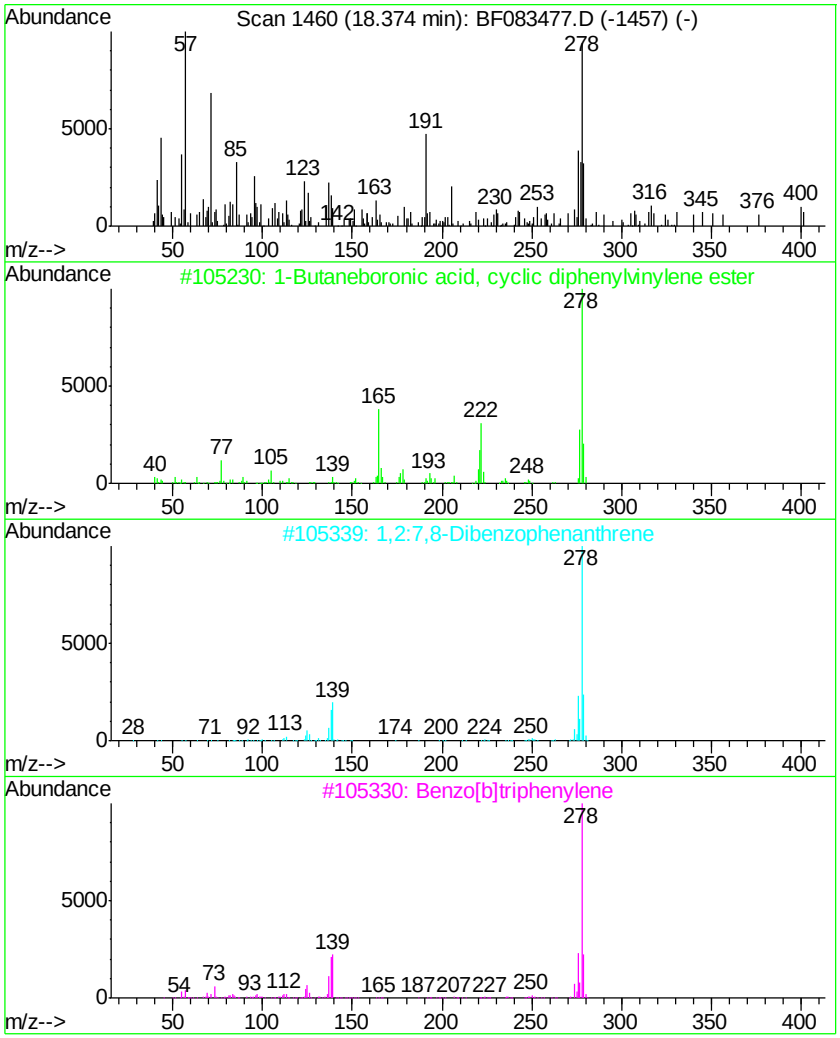
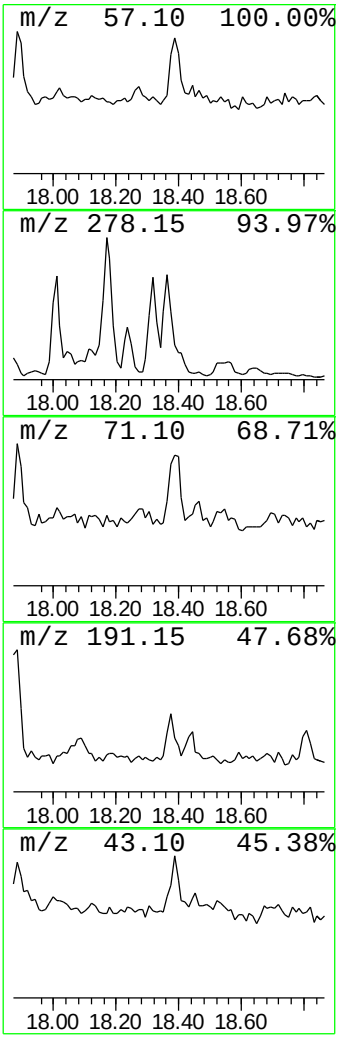
Peak Number 20 unknown18.37 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	4.66 ng	186051	Perylene-d12	16.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butaneboronic acid, cyclic dip...	278	C18H19BO2	024371-99-1	38
2	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	38
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	38
4	p-Bis(phenylethynyl)benzene	278	C22H14	001849-27-0	30
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	30





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.65	27.7	ng	1378550	1	6.53	993878	20.0
unknown6.30	6.30	105.6	ng	5246460	1	6.53	993878	20.0
Benzene, 1,2,3-tr...	6.35	4.2	ng	208766	1	6.53	993878	20.0
Naphthalene, 2,7-...	9.23	4.0	ng	305918	3	9.56	1517050	20.0
Tridecane	10.02	4.7	ng	358202	3	9.56	1517050	20.0
Dodecane, 2,7,10-...	10.51	14.7	ng	987245	4	11.09	1339770	20.0
1,4,5,8-Tetrameth...	10.82	5.8	ng	385537	4	11.09	1339770	20.0
3-Methyl-4-(metho...	10.98	5.0	ng	336345	4	11.09	1339770	20.0
1H-Cyclopropa[l]p...	11.73	4.3	ng	284980	4	11.09	1339770	20.0
n-Hexadecanoic acid	11.80	8.7	ng	584879	4	11.09	1339770	20.0
4H-Cyclopenta[def...	11.84	5.0	ng	332654	4	11.09	1339770	20.0
unknown12.43	12.43	4.6	ng	305313	4	11.09	1339770	20.0
11H-Benzo[a]fluorene	13.41	4.4	ng	391552	5	14.72	1787000	20.0
Cyclohexadecane	14.61	6.8	ng	610999	5	14.72	1787000	20.0
unknown18.37	18.37	4.7	ng	186051	6	16.79	798488	20.0