LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
Data File : BF081149.D
Acq On : 21 Aug 2015 17:08
Operator : UM/IZ
Sample : G3319-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCB-015CS-2(0-12FTBGS)

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-BF081715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.664	239	243	252	rVB	693718	1132636	62.41%	3.493%
2	5.121	281	283	286	rVV	1372553	1660929	91.52%	5.122%
3	6.207	375	378	380	rBV	1731933	1814868	100.00%	5.596%
4	6.322	385	388	390	rVB	1882577	1731910	95.43%	5.340%
5	6.550	406	408	410	rBV	389626	381549	21.02%	1.177%
6	6.710	420	422	424	rBV	1529445	1301260	71.70%	4.013%
7	7.122	455	458	461	rBV	946334	1086096	59.84%	3.349%
8	7.590	497	499	501	rBV3	24540	39193	2.16%	0.121%
9	7.842	519	521	522	rBV	677976	610345	33.63%	1.882%
10	8.287	558	560	564	rVB	36963	48444	2.67%	0.149%
11	8.459	573	575	576	rBV	22900	31401	1.73%	0.097%
12	8.550	581	583	585	rVB	79789	70394	3.88%	0.217%
13	8.642	589	591	594	rVB	40035	55797	3.07%	0.172%
14	8.882	609	612	613	rBV	30930	33789	1.86%	0.104%
15	8.916	613	615	618	rVB	1642395	1666463	91.82%	5.139%
16	9.019	621	624	625	rVV	41937	54795	3.02%	0.169%
17	9.179	635	638	639	rBV	33694	51372	2.83%	0.158%
18	9.248	642	644	645	rVV	60123	57896	3.19%	0.179%
19	9.316	648	650	652	rVV	285812	249078	13.72%	0.768%
20	9.362	652	654	657	rVB	33531	45134	2.49%	0.139%
21	9.442	657	661	663	rBV2	75025	87538	4.82%	0.270%
22	9.545	667	670	671	rBV2	32543	46627	2.57%	0.144%
23	9.579	671	673	675	rBV	612764	602431	33.19%	1.858%
24	9.613	675	676	678	rVB	258486	193301	10.65%	0.596%
25	9.693	681	683	685	rBV2	19906	43479	2.40%	0.134%
26	9.785	688	691	693	rBV	98962	111387	6.14%	0.343%
27	9.853	696	697	699	rBV	25299	37609	2.07%	0.116%
28	9.899	699	701	702	rBV2	37389	44810	2.47%	0.138%
29	10.002	706	710	712	rBV3	40997	109325	6.02%	0.337%
30	10.036	712	713	715	rVB	101295	70294	3.87%	0.217%
31	10.116	719	720	722	rVB2	110213	141782	7.81%	0.437%
32	10.185	724	726	727	rBV	39692	55035	3.03%	0.170%
33	10.253	729	732	733	rBV3	53832	62490	3.44%	0.193%
34	10.276	733	734	738	rVB2	42274	71174	3.92%	0.219%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
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Acq On : 21 Aug 2015 17:08
Operator : UM/IZ
Sample : G3319-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCB-015CS-2(0-12FTBGS)

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-BF081715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.368	739	742	744	rVB	1089624	1176556	64.83%	3.628%
36	10.425	744	747	748	rVB3	40306	60400	3.33%	0.186%
37	10.471	748	751	752	rBV3	25841	55148	3.04%	0.170%
38	10.505	752	754	757	rVB	160650	196934	10.85%	0.607%
39	10.551	757	758	760	rBV2	21931	35721	1.97%	0.110%
40	10.665	765	768	769	rBV2	54971	77812	4.29%	0.240%
41	10.699	769	771	772	rVB	31790	32769	1.81%	0.101%
42	10.802	777	780	784	rBV6	58591	184312	10.16%	0.568%
43	10.859	784	785	787	rVB2	40577	38677	2.13%	0.119%
44	10.916	787	790	791	rBV	55493	95965	5.29%	0.296%
45	10.951	791	793	795	rBV	227856	203195	11.20%	0.627%
46	11.053	799	802	803	rBV	602246	680861	37.52%	2.099%
47	11.076	803	804	806	rVB	886235	631160	34.78%	1.946%
48	11.122	806	808	810	rVB	217190	204199	11.25%	0.630%
49	11.168	810	812	813	rBV	50274	58810	3.24%	0.181%
50	11.282	821	822	823	rBV	65212	61560	3.39%	0.190%
51	11.374	829	830	832	rVB	194586	167787	9.25%	0.517%
52	11.556	843	846	847	rBV	117477	202970	11.18%	0.626%
53	11.579	847	848	849	rVV	185906	140144	7.72%	0.432%
54	11.614	849	851	853	rVV2	254019	343572	18.93%	1.059%
55	11.659	853	855	859	rVB2	322520	490509	27.03%	1.513%
56	11.785	864	866	869	rVV	245006	383780	21.15%	1.183%
57	11.865	870	873	875	rVV2	164004	371176	20.45%	1.145%
58	11.899	875	876	882	rVB2	99985	224148	12.35%	0.691%
59	12.105	892	894	895	rBV	75588	88984	4.90%	0.274%
60	12.162	898	899	901	rVB	162421	119109	6.56%	0.367%
61	12.265	906	908	910	rVB	1042133	1066776	58.78%	3.289%
62	12.311	910	912	917	rVB3	125893	210976	11.62%	0.651%
63	12.391	917	919	921	rBV2	101992	155335	8.56%	0.479%
64	12.482	924	927	929	rBV	1174348	1248821	68.81%	3.851%
65	12.539	930	932	934	rVB2	131571	198245	10.92%	0.611%
66	12.596	935	937	938	rBV2	56892	55550	3.06%	0.171%
67	12.642	938	941	943	rVB	1330186	1587208	87.46%	4.894%
68	12.699	943	946	950	rBV5	74266	134536	7.41%	0.415%
69	12.768	950	952	953	rBV	111549	144006	7.93%	0.444%
70	12.802	953	955	957	rVB	130345	214840	11.84%	0.662%
71	12.871	959	961	963	rBV2	147203	269785	14.87%	0.832%

LSC Area Percent Report

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCB-015CS-2(0-12FTBGS)

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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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.997	971	972	974	rBV	113832	123286	6.79%	0.380%
73	13.031	974	975	977	rVB	93532	71844	3.96%	0.222%
74	13.179	986	988	989	rBV2	72659	100072	5.51%	0.309%
75	13.225	990	992	996	rVB	204775	247294	13.63%	0.763%
76	13.305	996	999	1001	rBV2	77185	129295	7.12%	0.399%
77	13.339	1001	1002	1004	rVB2	72623	66108	3.64%	0.204%
78	13.419	1006	1009	1010	rBV2	78188	123946	6.83%	0.382%
79	13.557	1019	1021	1026	rBV2	277142	391932	21.60%	1.209%
80	13.659	1027	1030	1034	rVV2	549216	1223579	67.42%	3.773%
81	13.865	1046	1048	1054	rVB3	216229	302072	16.64%	0.931%
82	13.957	1054	1056	1060	rBV4	58201	157880	8.70%	0.487%
83	14.048	1062	1064	1066	rBV	98358	128503	7.08%	0.396%
84	14.174	1073	1075	1078	rBV	262425	347667	19.16%	1.072%
85	14.437	1096	1098	1099	rBV2	76767	111118	6.12%	0.343%
86	14.460	1099	1100	1102	rVB	221714	225800	12.44%	0.696%
87	14.654	1114	1117	1121	rBV	308162	539350	29.72%	1.663%
88	14.745	1123	1125	1129	rBV2	228098	309070	17.03%	0.953%
89	14.894	1136	1138	1141	rVB	202041	263476	14.52%	0.812%
90	14.951	1141	1143	1145	rVV	321984	366389	20.19%	1.130%
91	14.997	1145	1147	1151	rVV2	259310	442873	24.40%	1.366%
92	15.054	1151	1152	1156	rVB	126433	171887	9.47%	0.530%
93	15.408	1181	1183	1186	rBV	130559	210555	11.60%	0.649%
94	15.568	1195	1197	1204	rVB3	77678	204369	11.26%	0.630%
95	15.923	1226	1228	1234	rVB2	71997	150506	8.29%	0.464%
96	16.185	1248	1251	1256	rVB2	97468	178508	9.84%	0.550%
97	16.277	1257	1259	1261	rBV	35229	53469	2.95%	0.165%
98	16.380	1265	1268	1270	rBV2	46171	83928	4.62%	0.259%
99	16.540	1279	1282	1286	rBV	75853	144680	7.97%	0.446%
100	16.917	1312	1315	1321	rVB5	56884	147391	8.12%	0.454%

Sum of corrected areas: 32429814

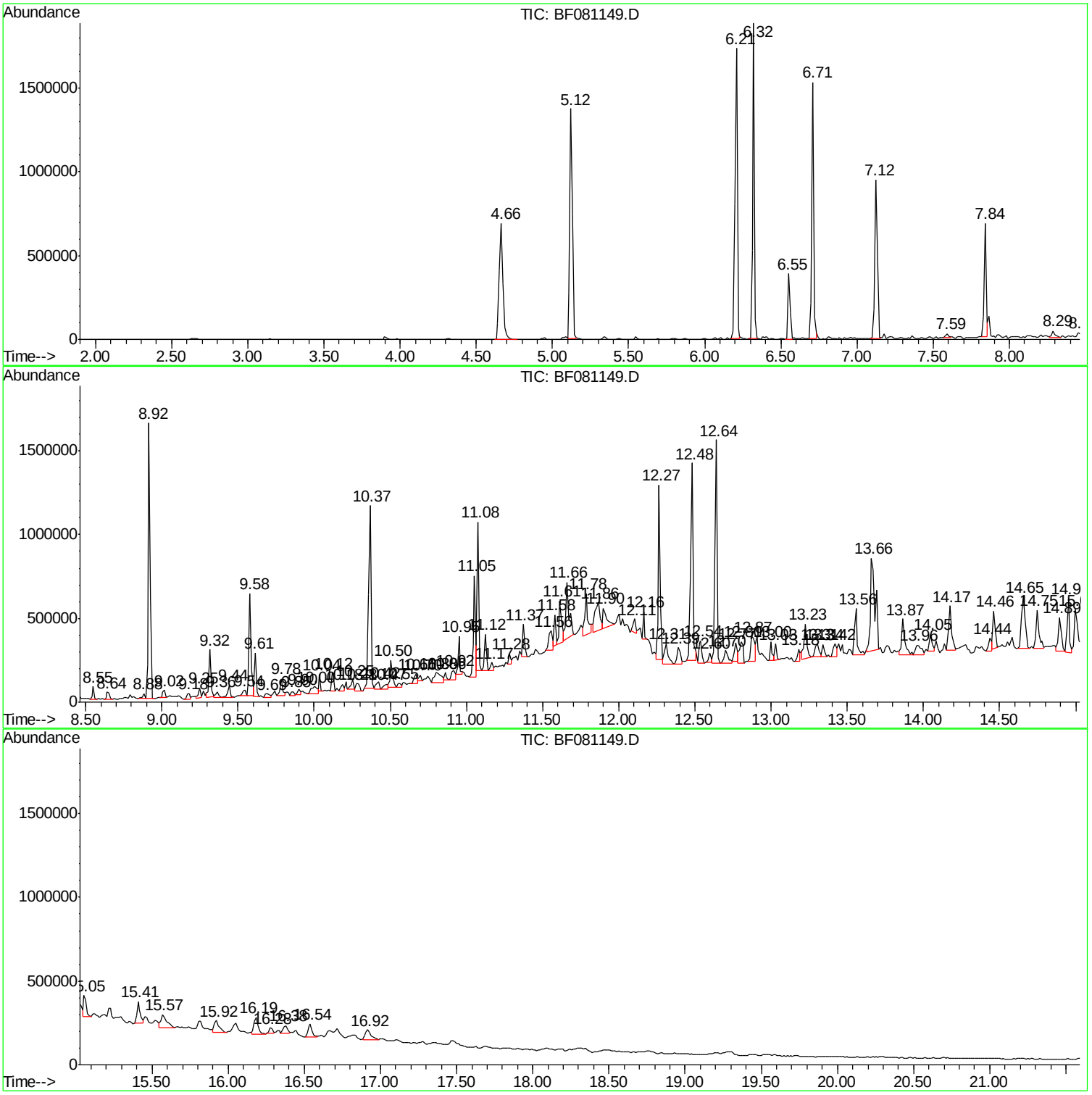
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
Data File : BF081149.D
Acq On : 21 Aug 2015 17:08
Operator : UM/IZ
Sample : G3319-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCB-015CS-2(0-12FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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\BF082115\
Data File : BF081149.D
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Operator : UM/IZ
Sample : G3319-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-2(0-12FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

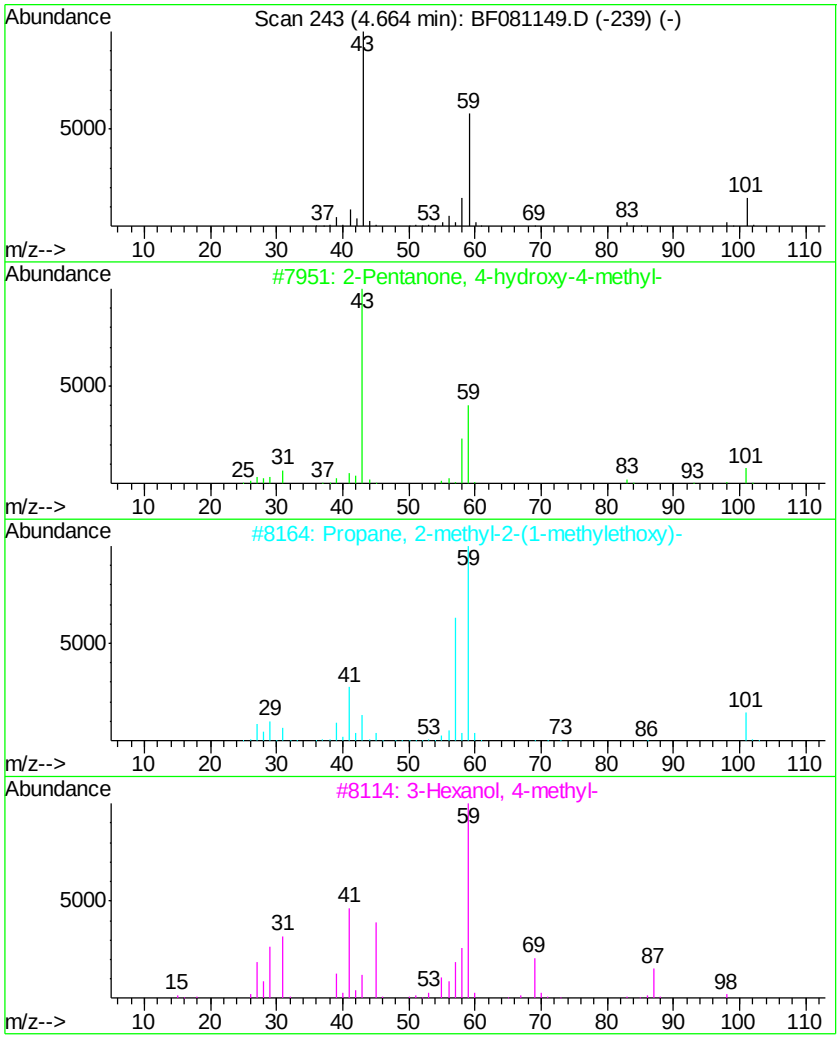
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

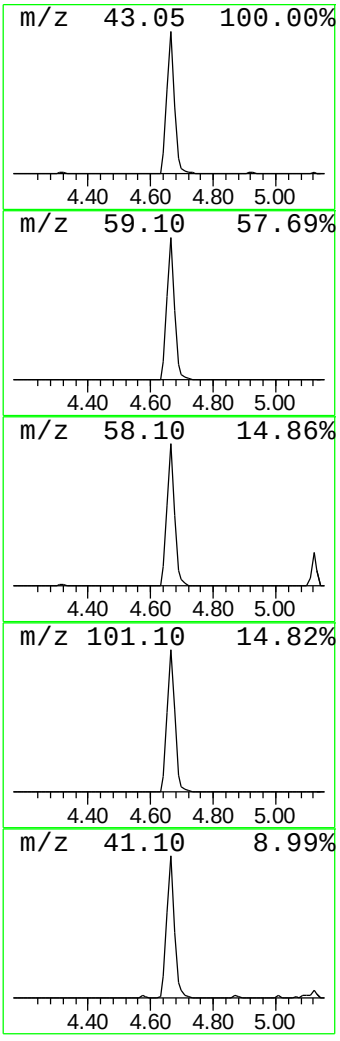
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	59.37 ng	1132640	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
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	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Operator : UM/IZ
Sample : G3319-01
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Instrument : BNA_F
ClientSampleId : NCB-015CS-2(0-12FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

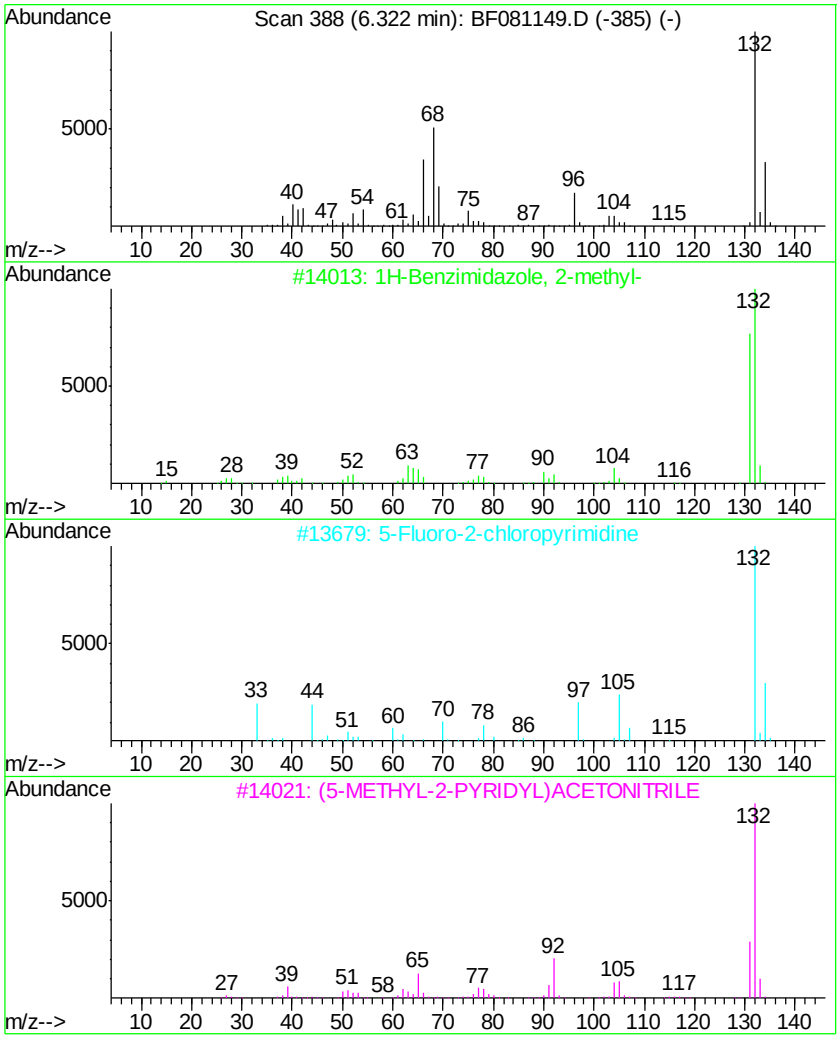
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

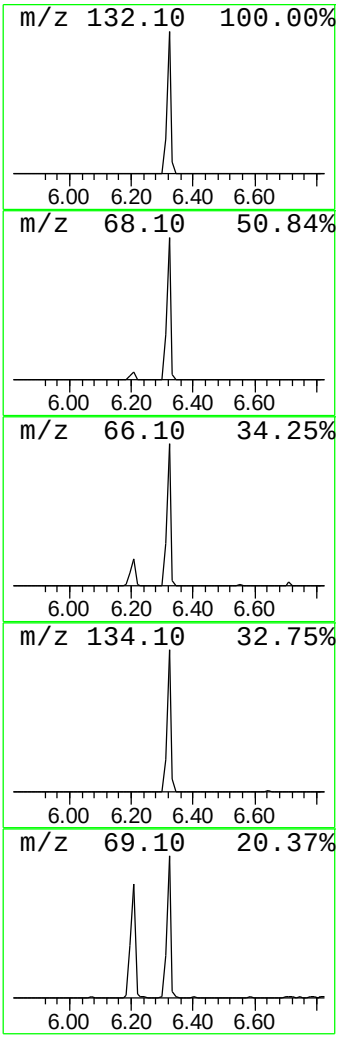
****

Peak Number 2 unknown6.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	90.78 ng	1731910	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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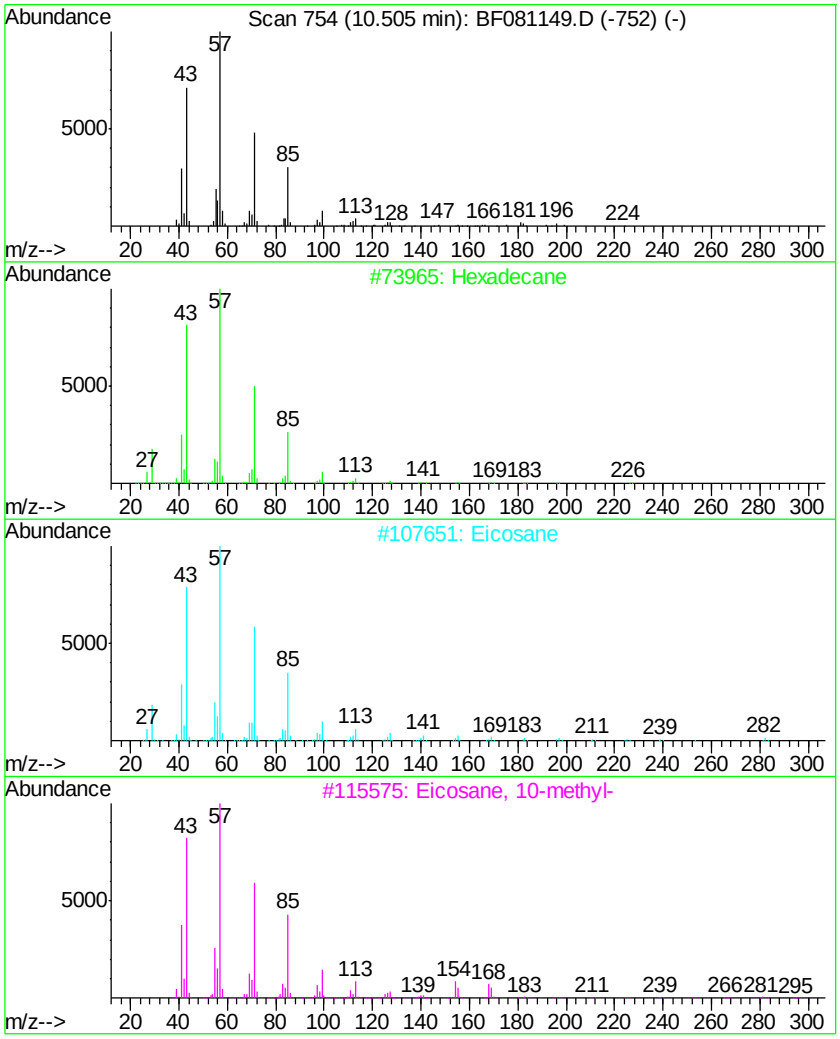
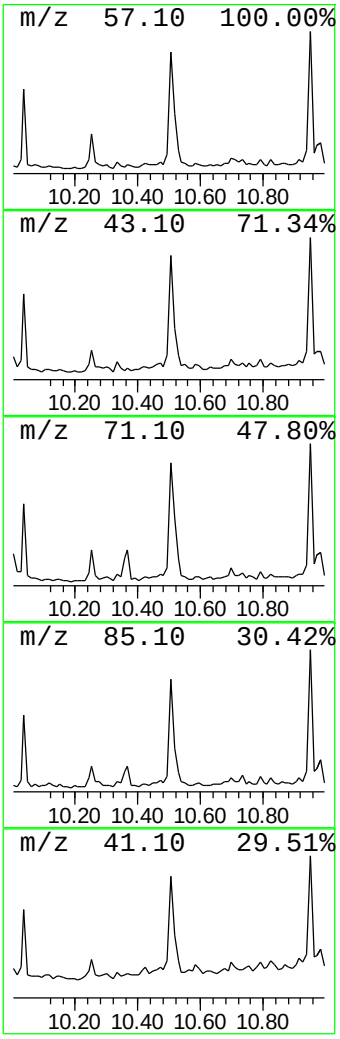
Peak Number 4 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	5.78 ng	196934	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Eicosane	282	C20H42	000112-95-8	86
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78
5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	78





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
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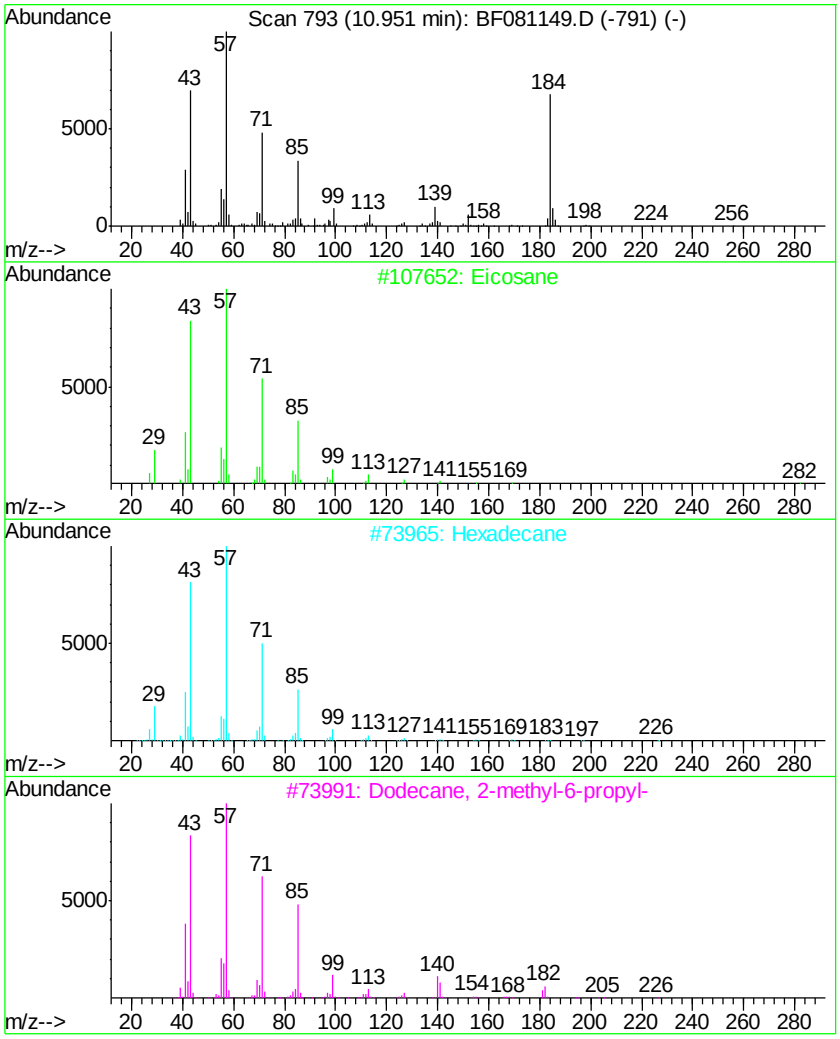
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

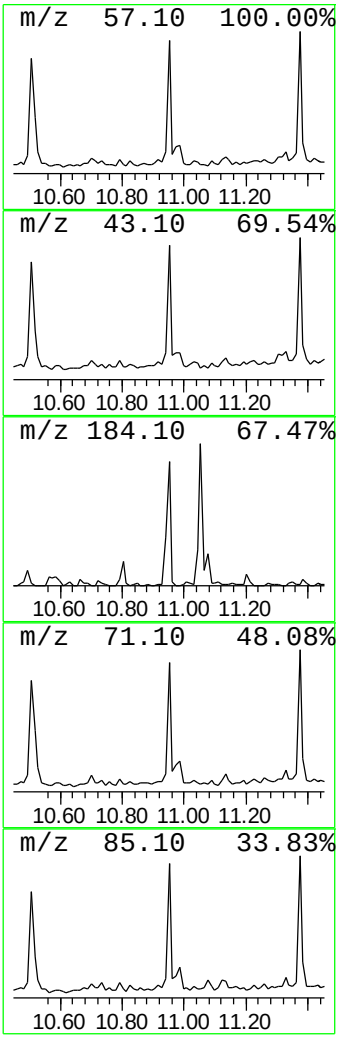
****

Peak Number 5 unknown10.95 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	5.97 ng	203195	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	49
2	Hexadecane	226	C16H34	000544-76-3	46
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	43
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	42
5	Dibenzothiophene	184	C12H8S	000132-65-0	42





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Data File : BF081149.D
Acq On : 21 Aug 2015 17:08
Operator : UM/IZ
Sample : G3319-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCB-015CS-2(0-12FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

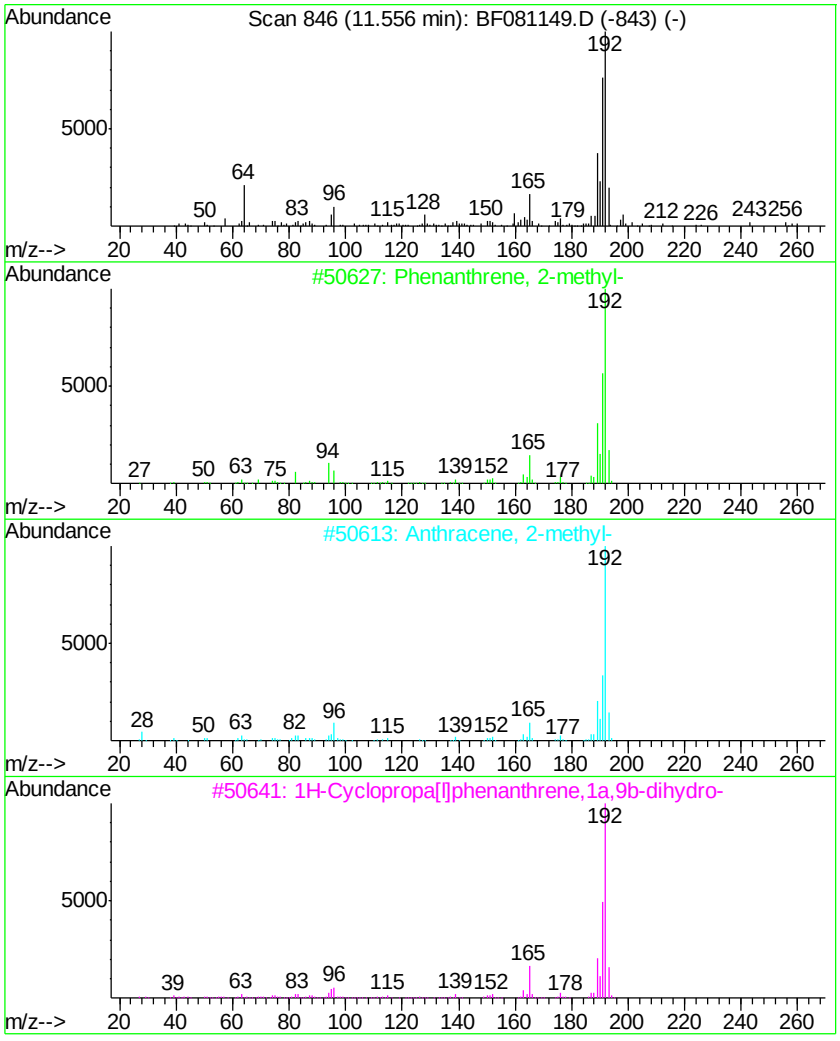
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

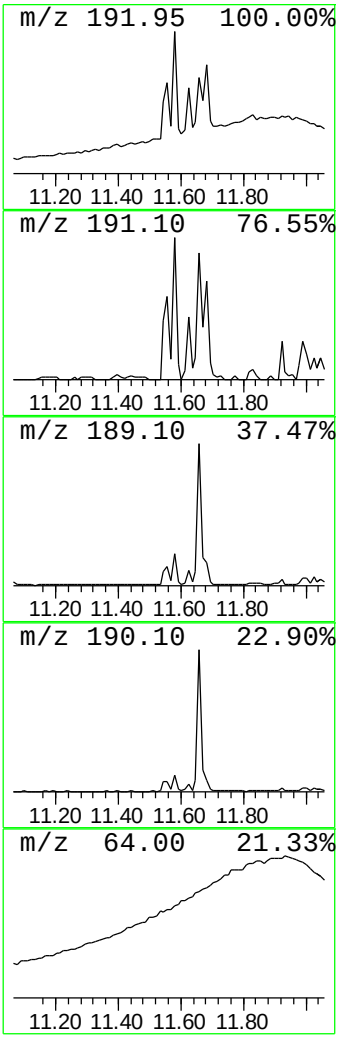
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	5.96 ng	202970	Phenanthrene-d10	11.05

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	87
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76





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Data File : BF081149.D
Acq On : 21 Aug 2015 17:08
Operator : UM/IZ
Sample : G3319-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NCB-015CS-2(0-12FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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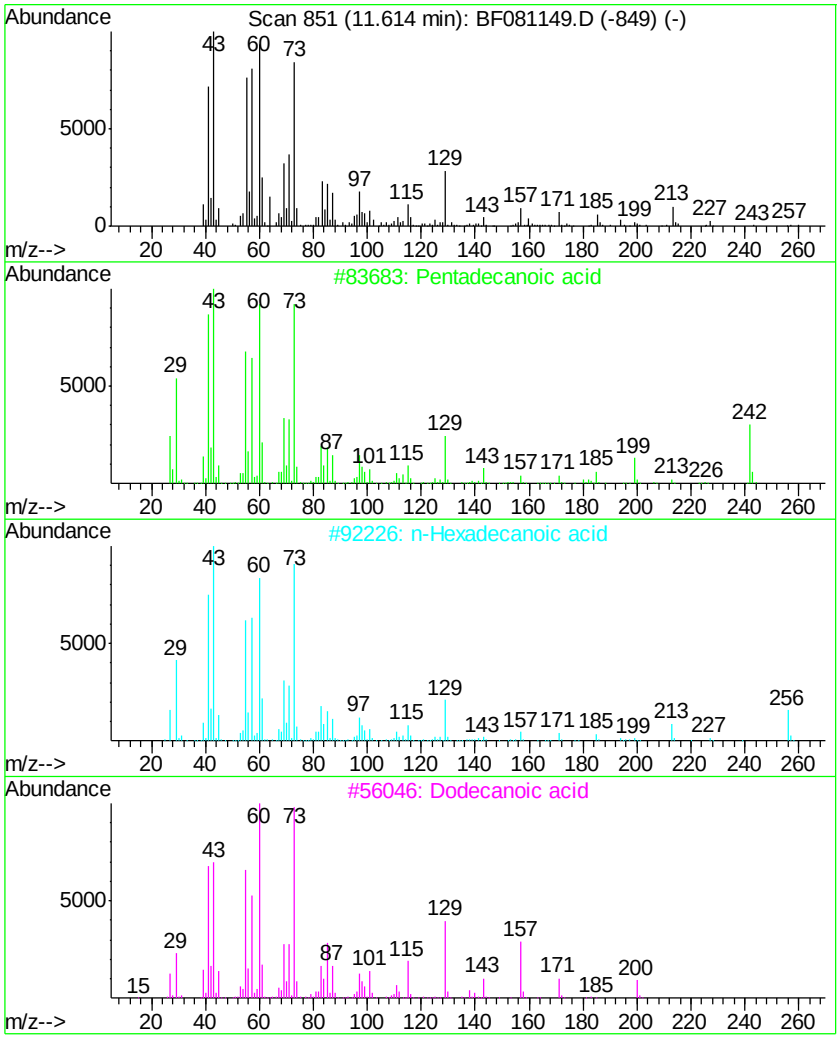
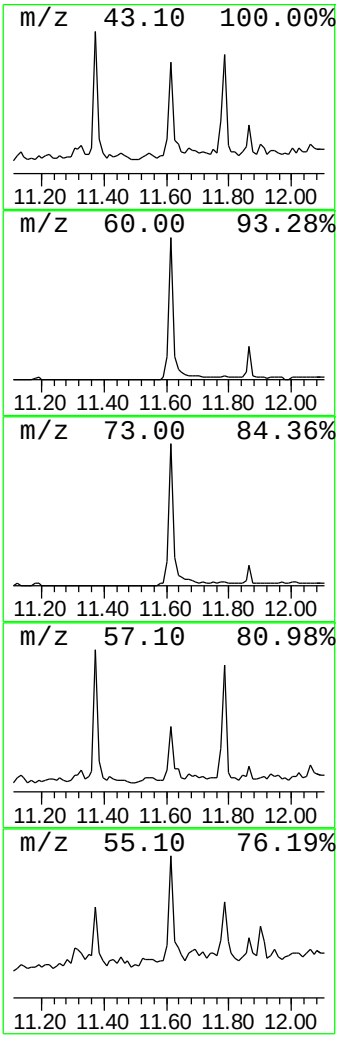
Peak Number 7 Pentadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	10.09 ng	343572	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Dodecanoic acid	200	C12H24O2	000143-07-7	76
4	Undecanoic acid	186	C11H22O2	000112-37-8	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Library Search Compound Report

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Acq On : 21 Aug 2015 17:08
Operator : UM/IZ
Sample : G3319-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCB-015CS-2(0-12FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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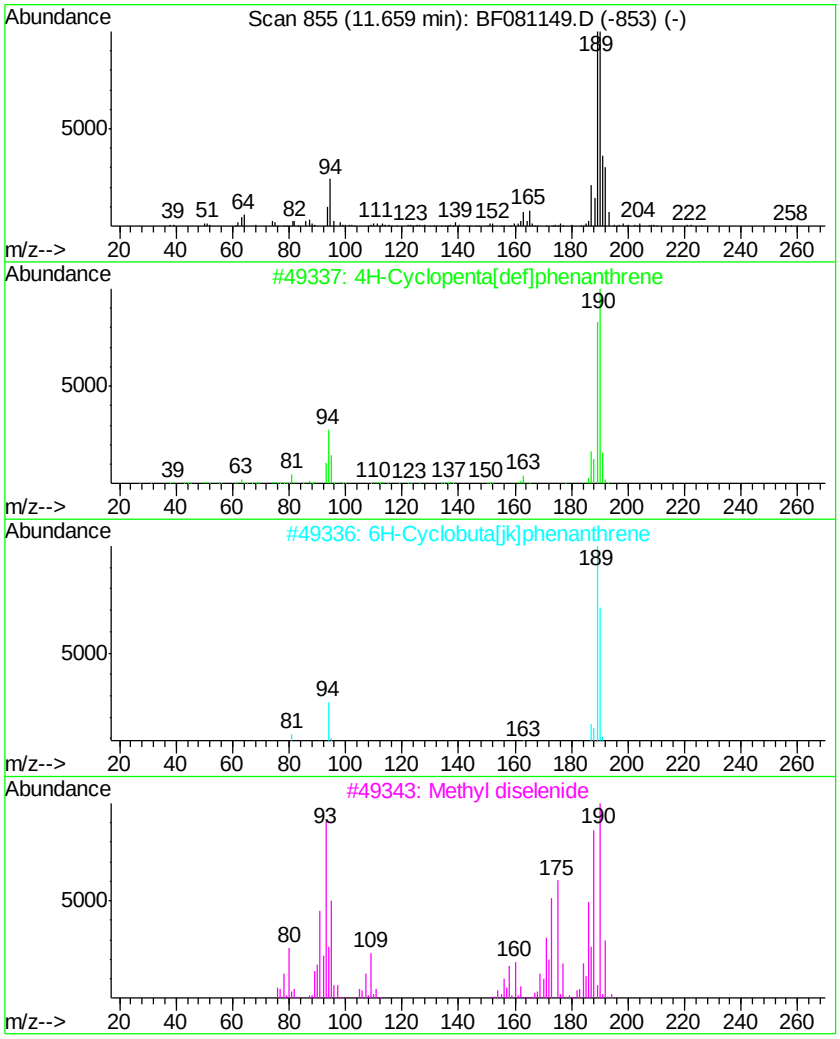
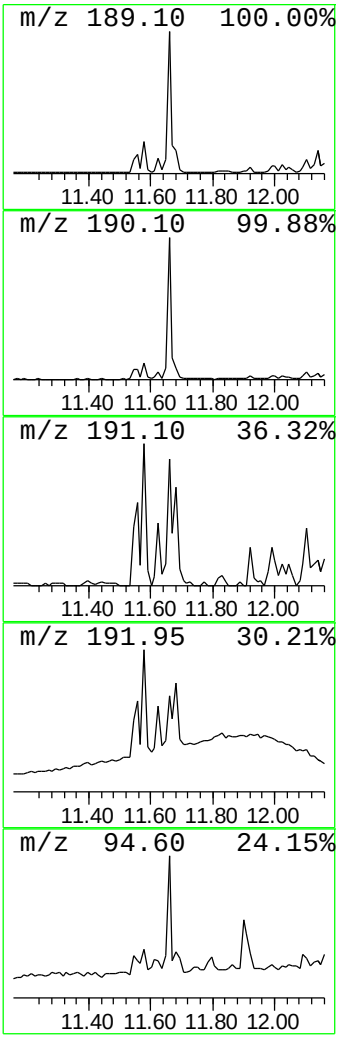
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	14.41 ng	490509	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40





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Sample : G3319-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCB-015CS-2(0-12FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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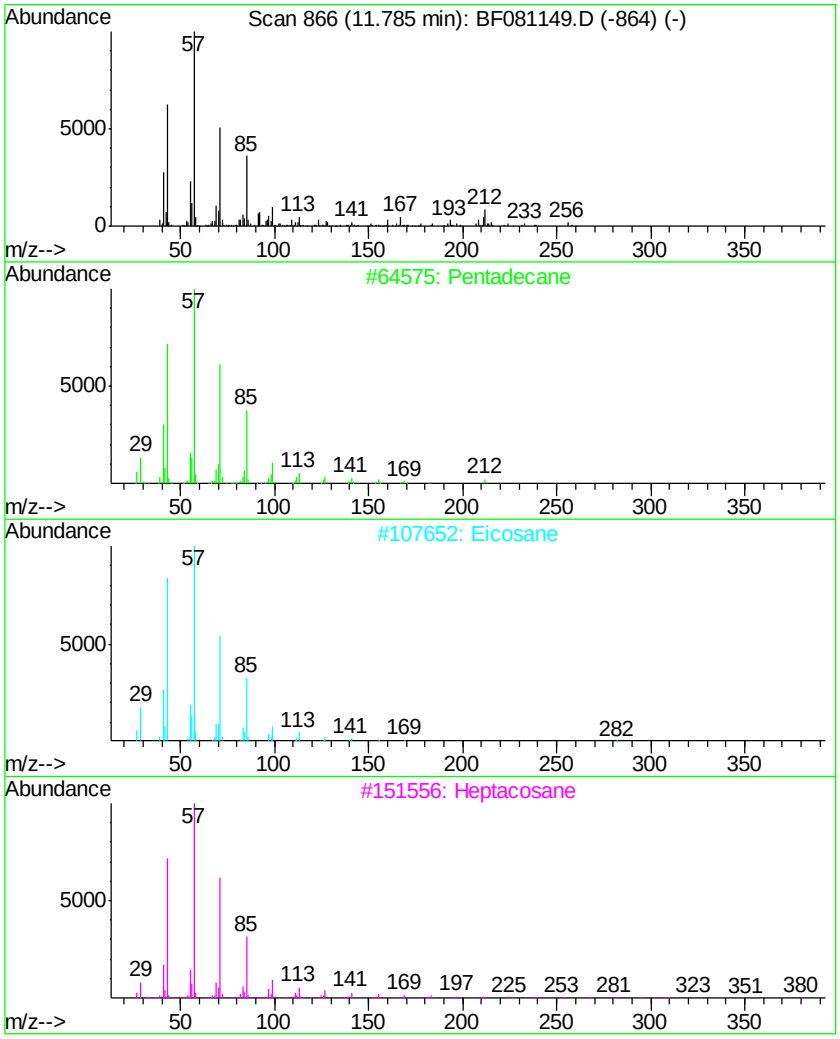
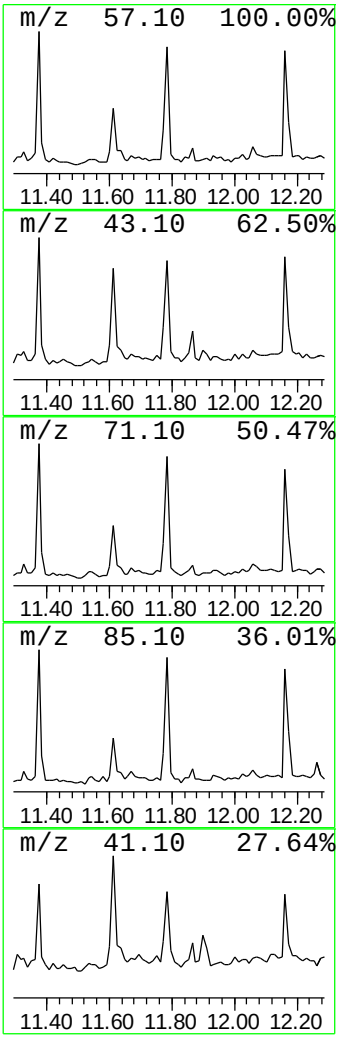
Peak Number 9 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	11.27 ng	383780	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	83
2	Eicosane	282	C20H42	000112-95-8	81
3	Heptacosane	380	C27H56	000593-49-7	74
4	Hexadecane	226	C16H34	000544-76-3	72
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72





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NCB-015CS-2(0-12FTBGS)

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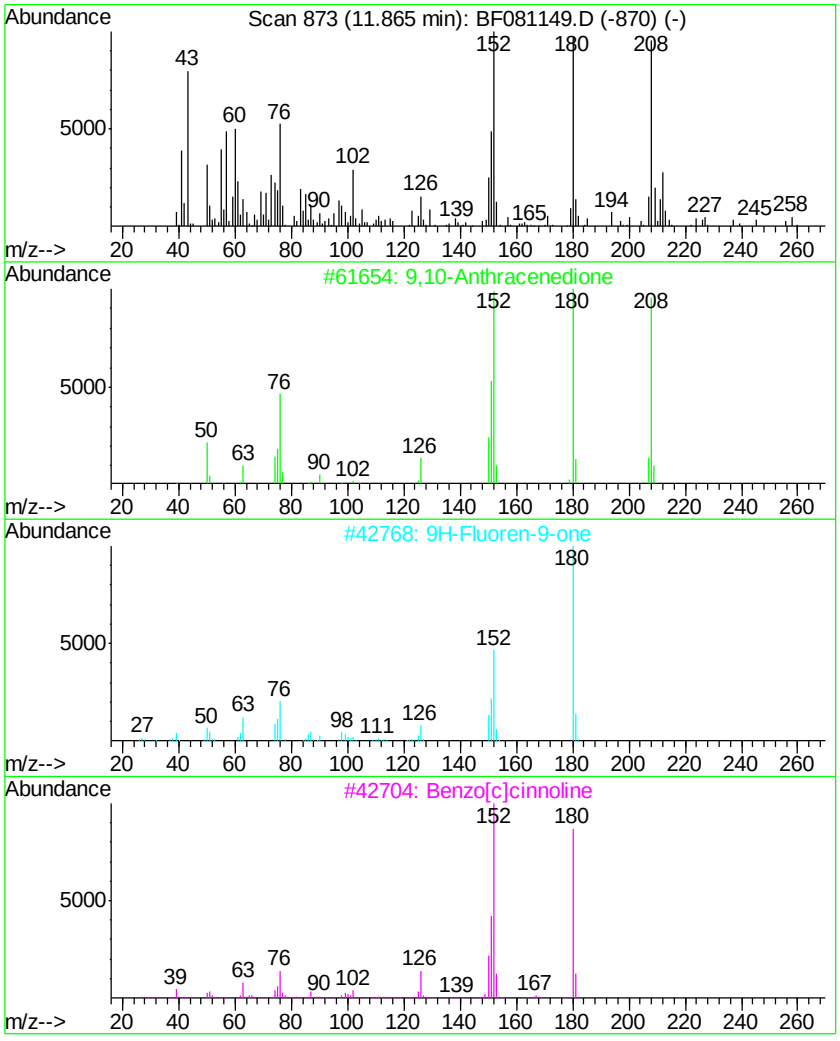
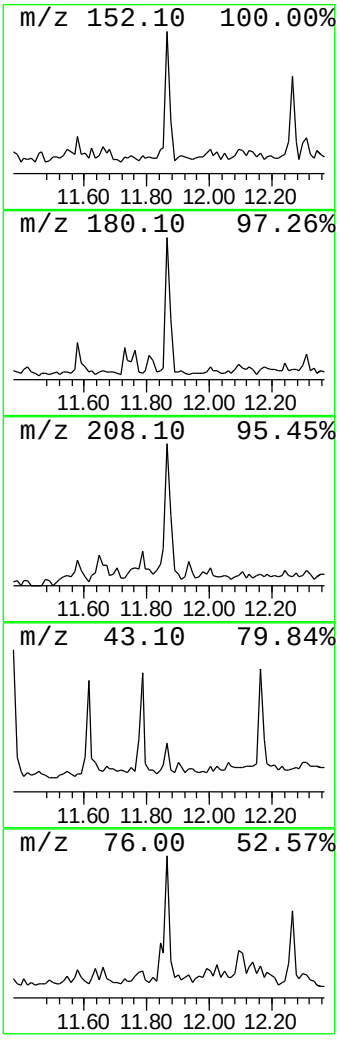
Peak Number 10 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	10.90 ng	371176	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50





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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
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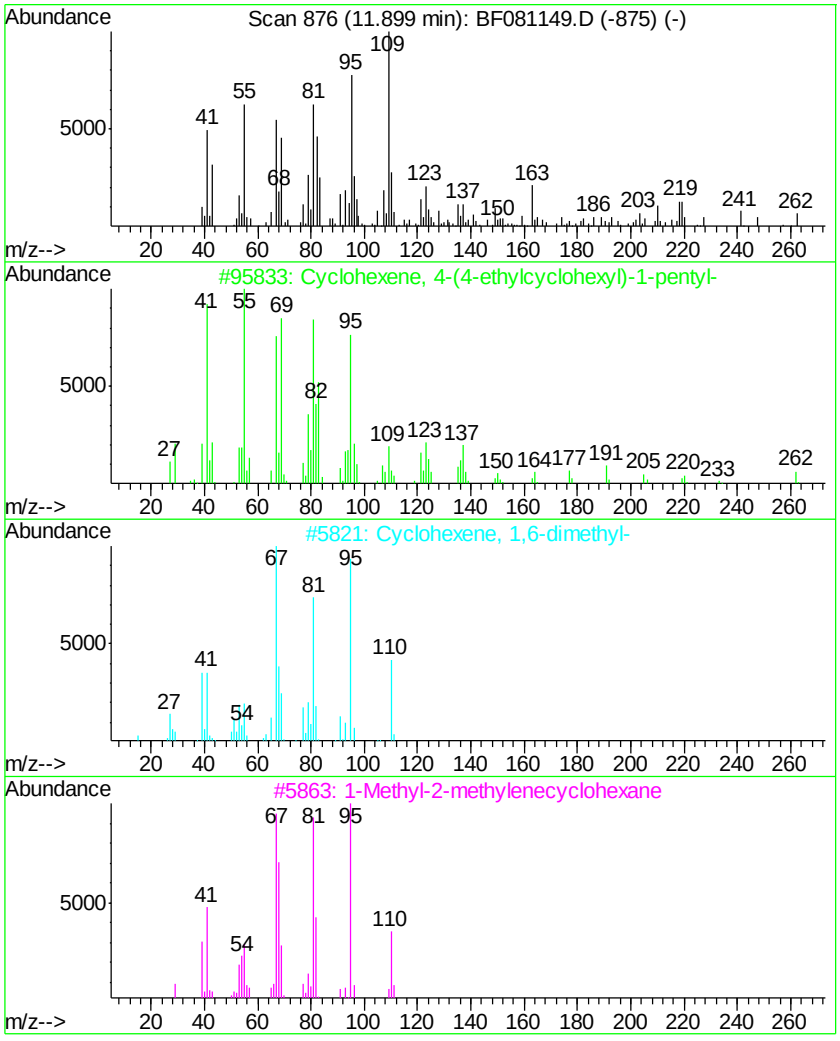
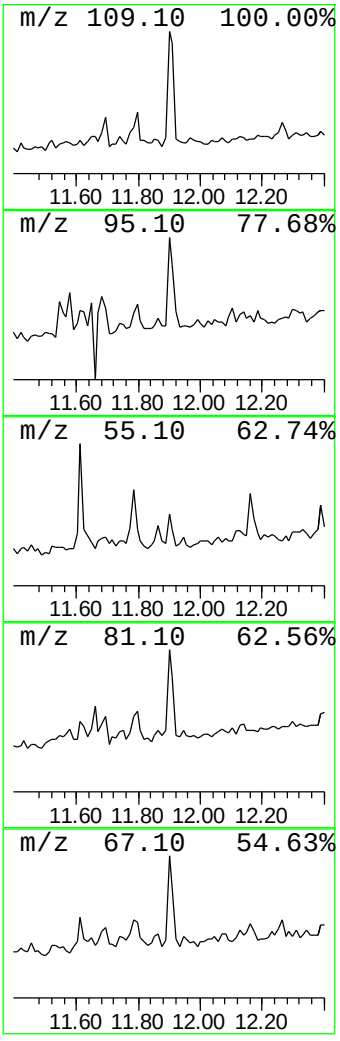
Peak Number 11 unknown11.90 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	6.58 ng	224148	Phenanthrene-d10	11.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-(4-ethylcyclohexy...	262	C19H34	301643-32-3	49
2	Cyclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	46
3	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	43
4	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	43
5	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	41





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NCB-015CS-2(0-12FTBGS)

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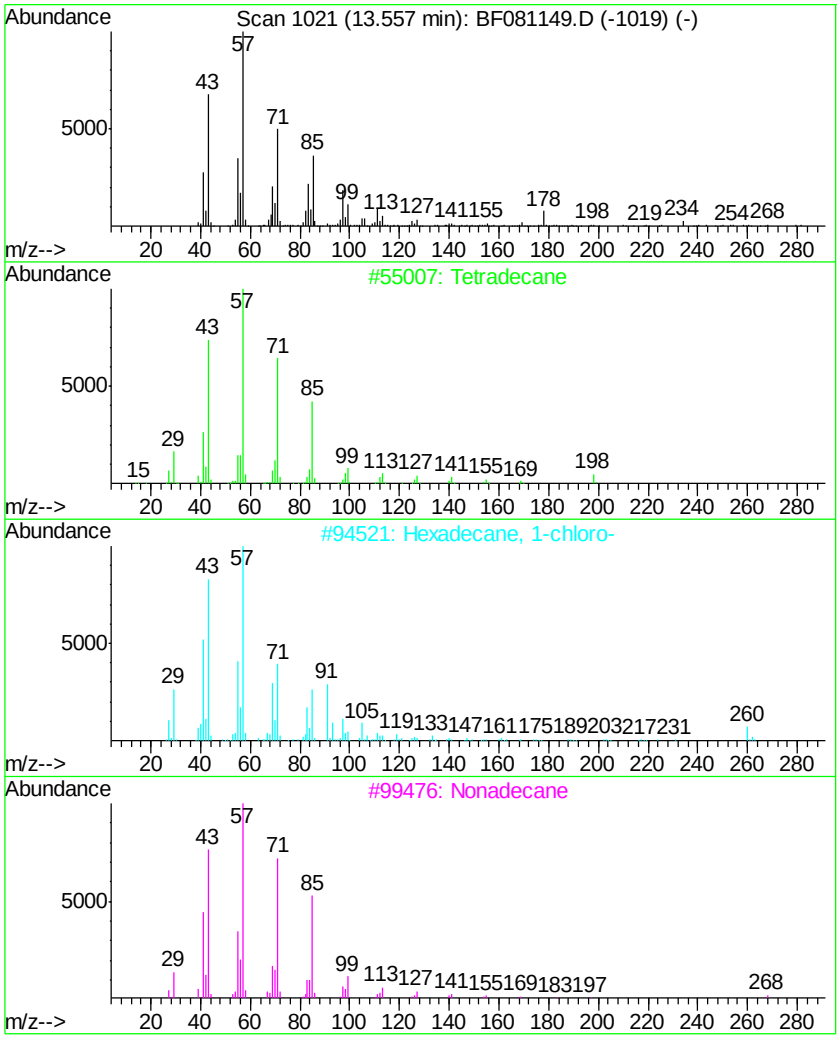
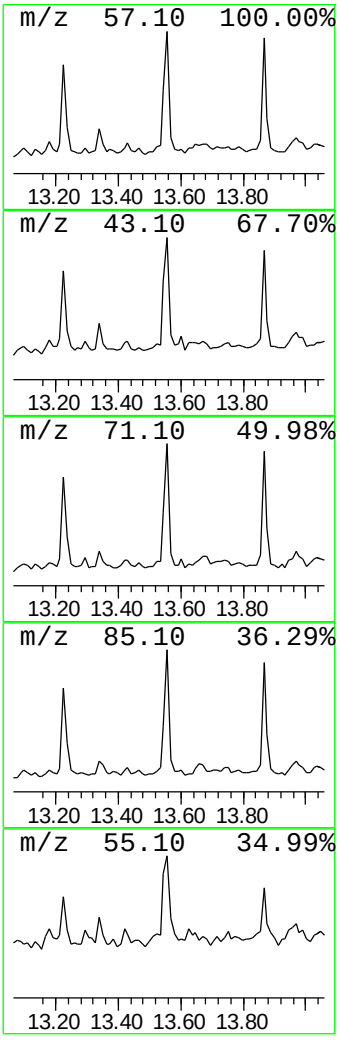
Peak Number 12 Tetradecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	6.41 ng	391932	Chrysene-d12	13.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	92
2	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	90
3	Nonadecane	268	C19H40	000629-92-5	58
4	10-Methylnonadecane	282	C20H42	056862-62-5	58
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	58





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TIC Library : C:\DATABASE\NIST02.L
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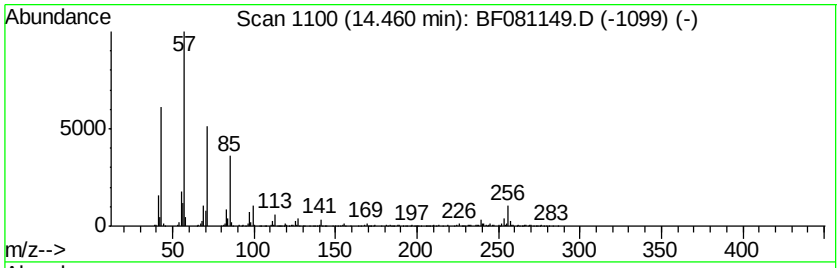
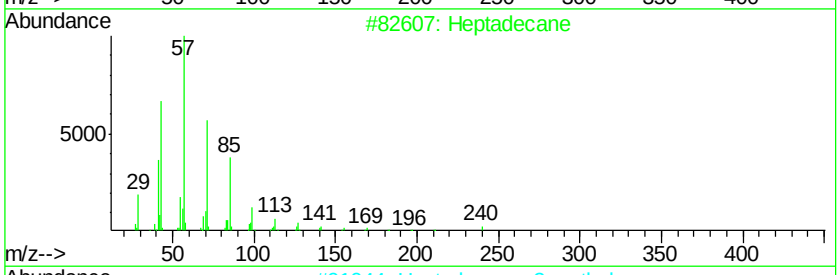
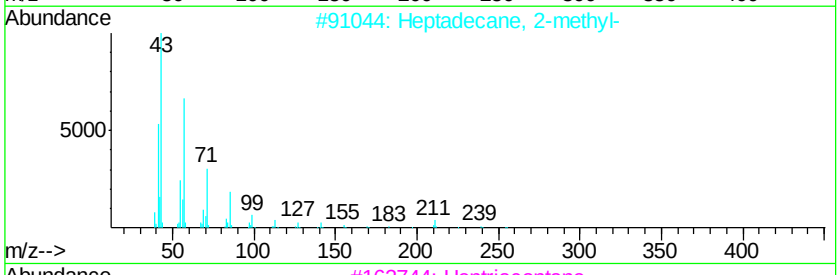
Peak Number 13 Heptadecane Concentration Rank 9

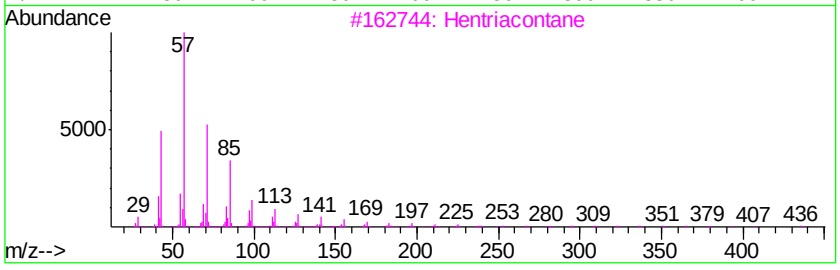
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	10.20 ng	225800	Perylene-d12	15.00

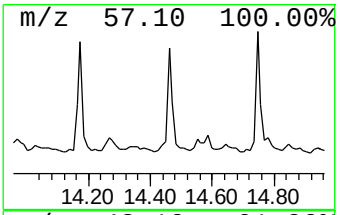
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	68
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	68
3	Hentriacontane	437	C31H64	000630-04-6	64
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	64
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	64

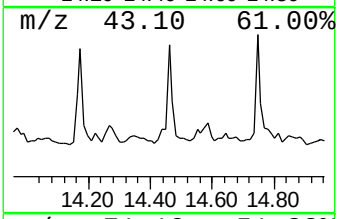


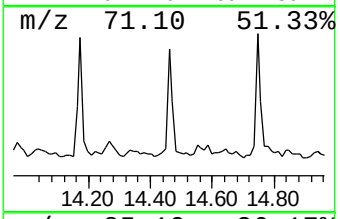


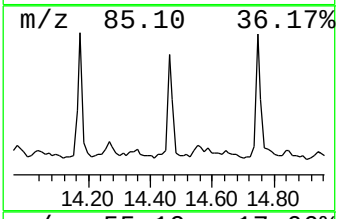


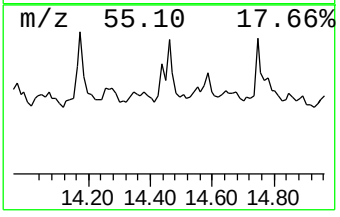












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Acq On : 21 Aug 2015 17:08
Operator : UM/IZ
Sample : G3319-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCB-015CS-2(0-12FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

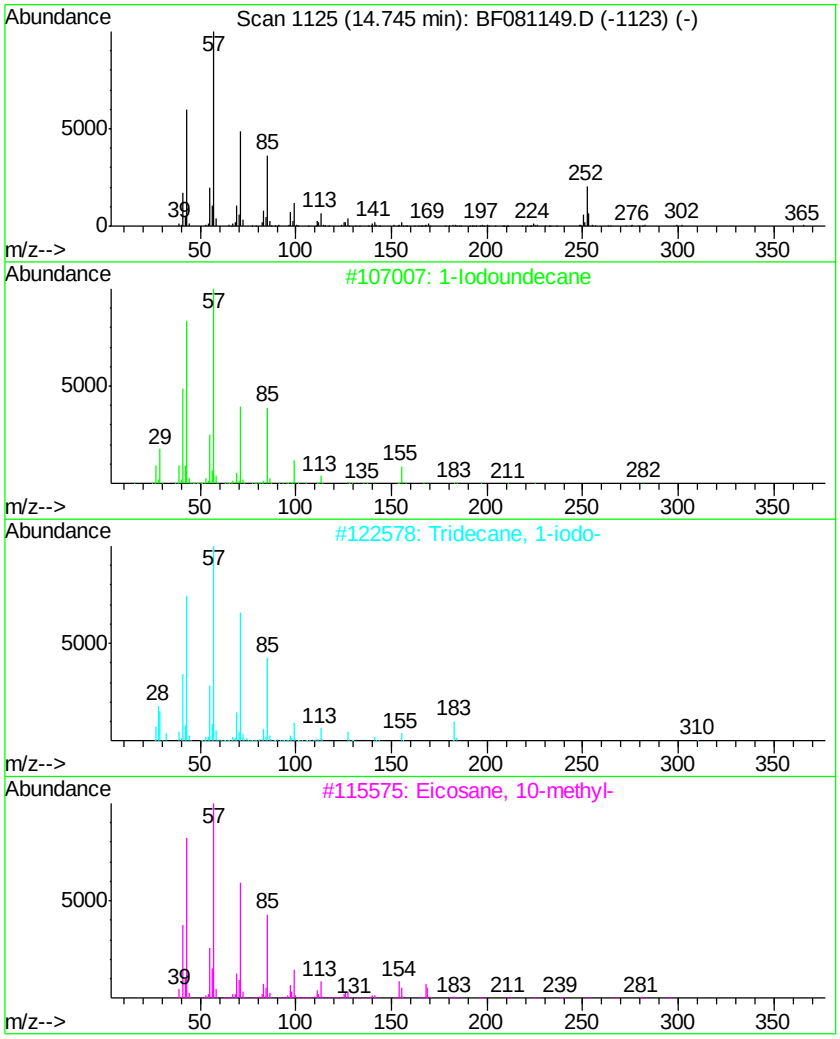
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

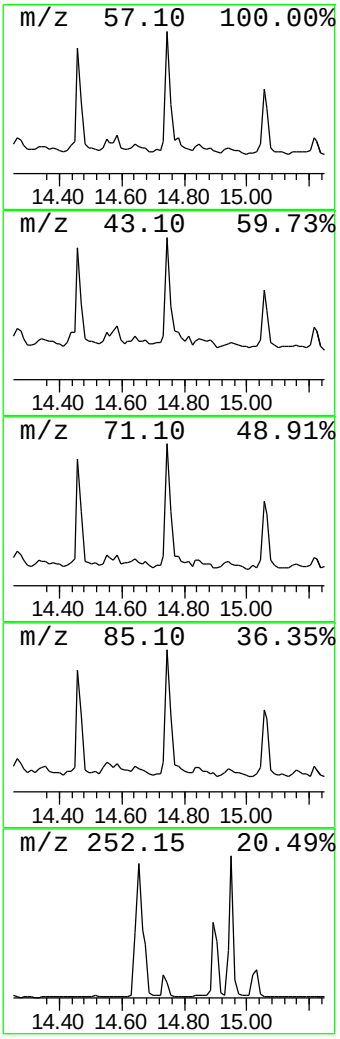
****

Peak Number 14 1-Iodoundecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	13.96 ng	309070	Perylene-d12	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodoundecane	282	C11H23I	004282-44-4	70
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	62
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	58
4	Eicosane	282	C20H42	000112-95-8	58
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	58





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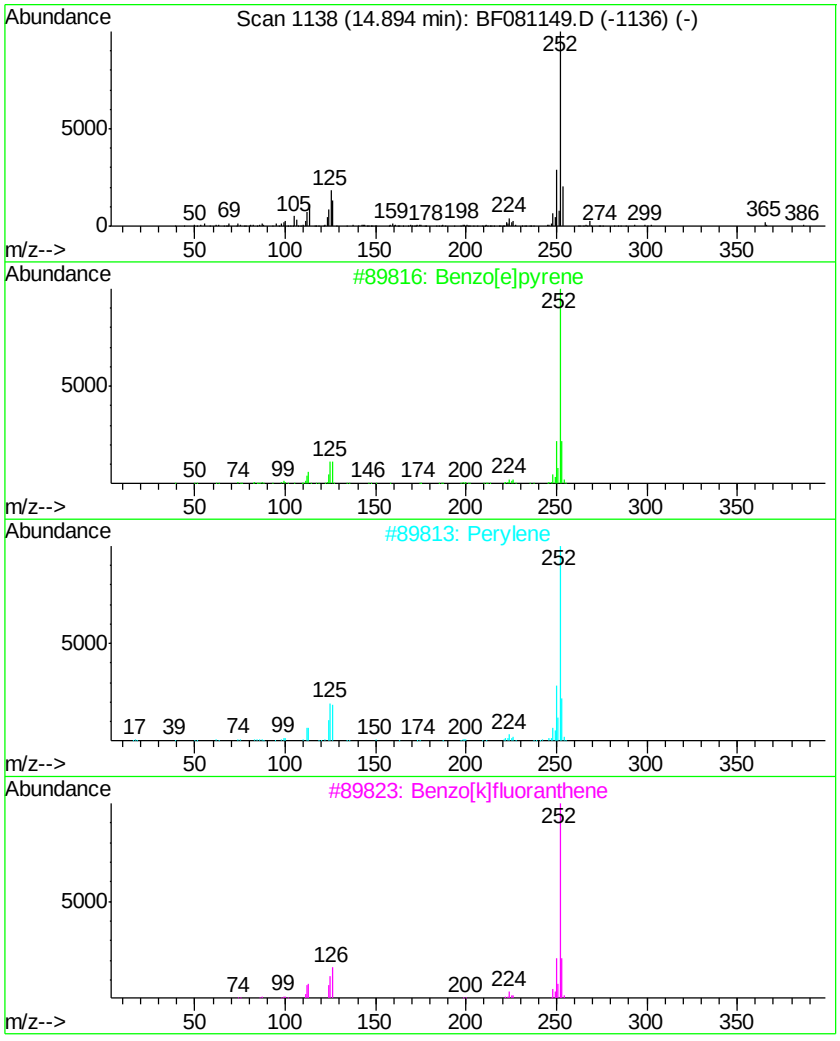
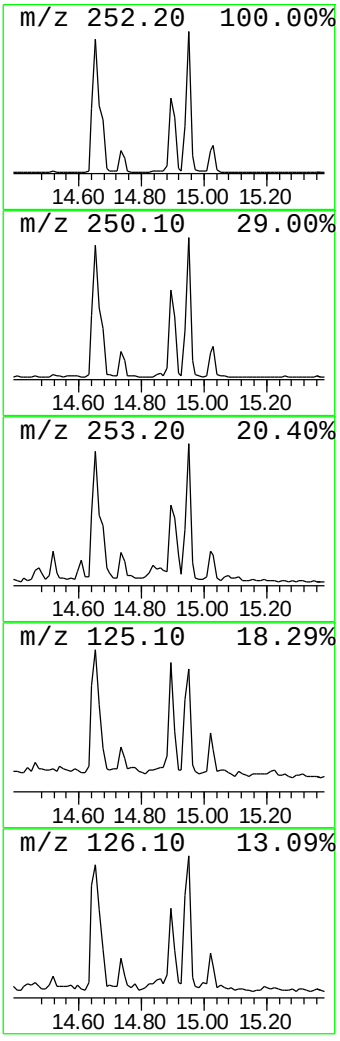
Peak Number 15 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	11.90 ng	263476	Perylene-d12	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	86





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Instrument : BNA_F
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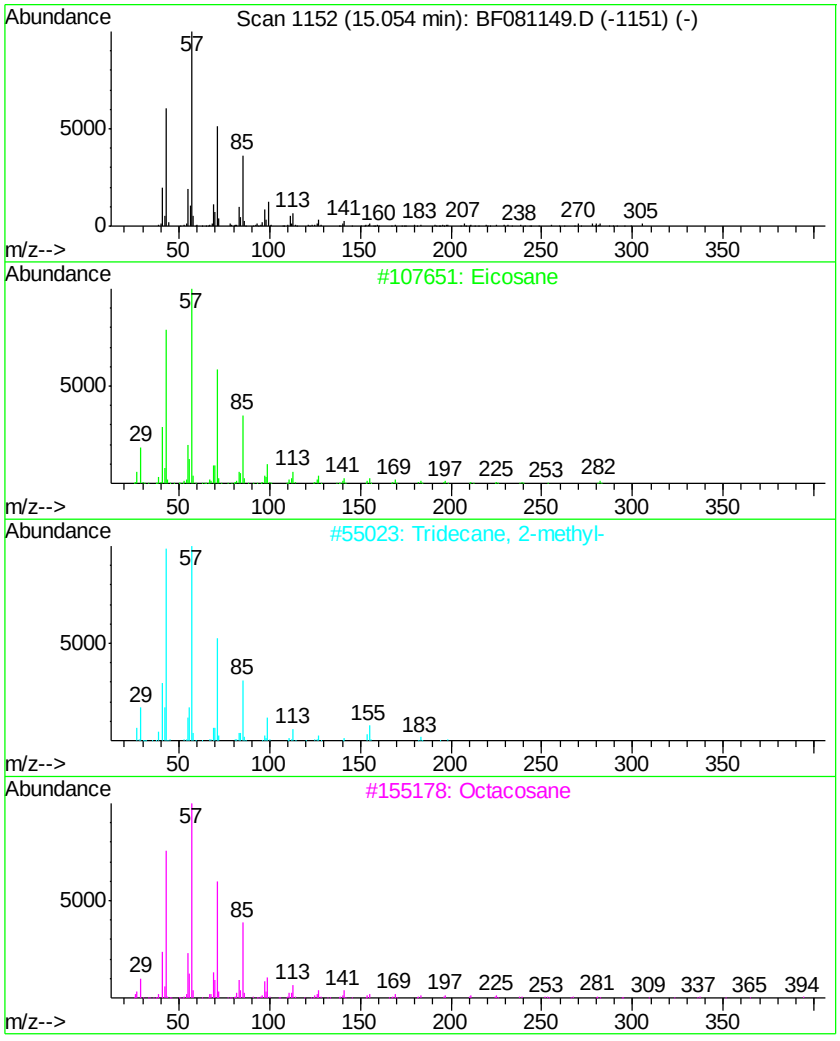
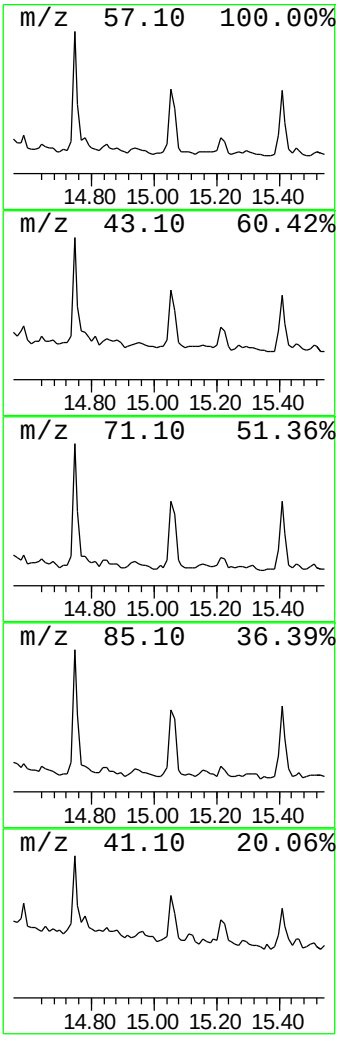
Peak Number 16 Tridecane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	7.76 ng	171887	Perylene-d12	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
3	Octacosane	394	C28H58	000630-02-4	80
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	78





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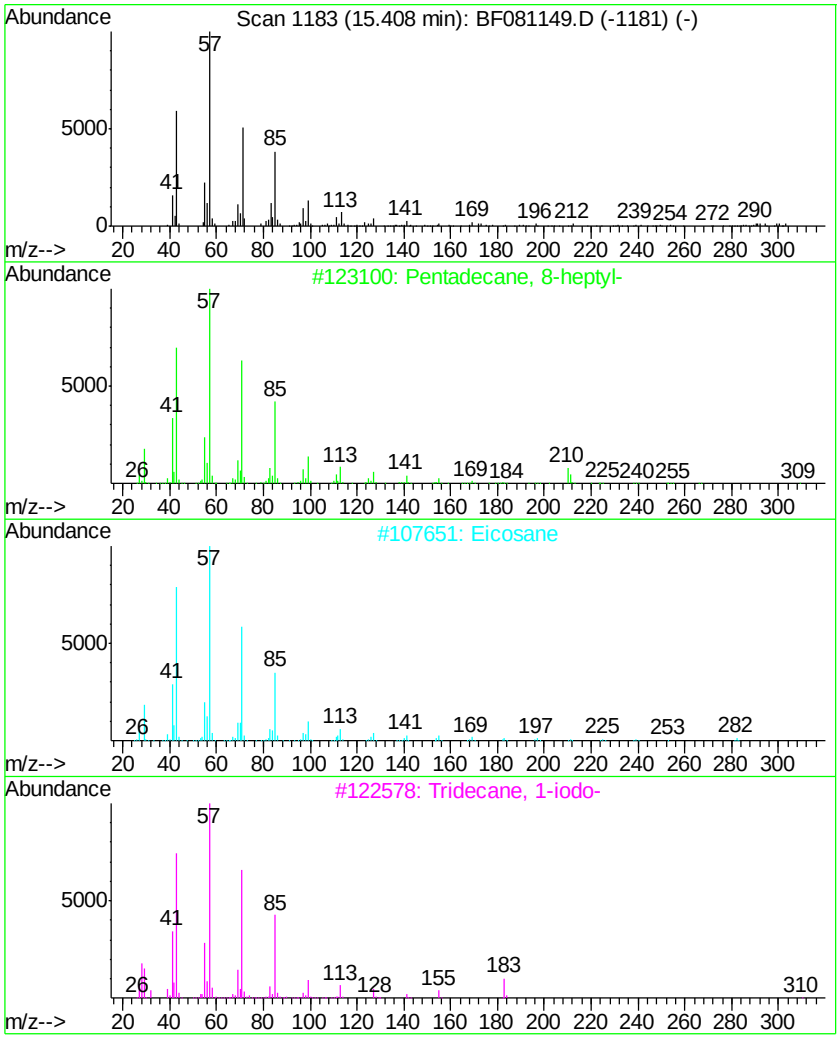
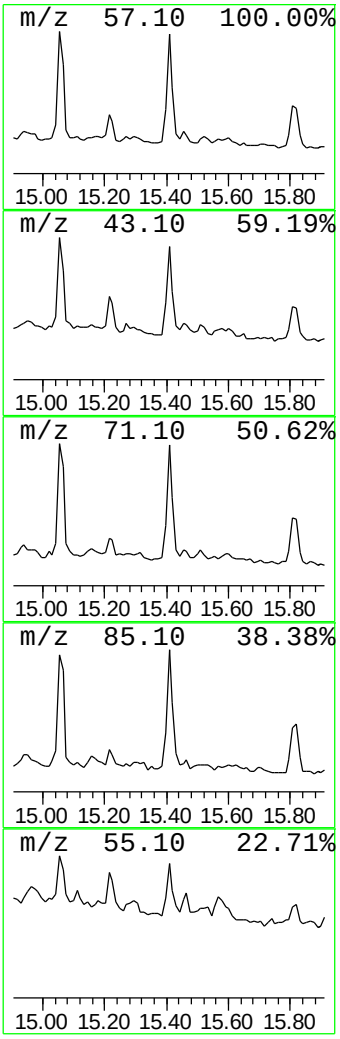
Peak Number 17 Pentadecane, 8-heptyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	9.51 ng	210555	Perylene-d12	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
2	Eicosane	282	C20H42	000112-95-8	80
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4	Tetracosane	338	C24H50	000646-31-1	80
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
Data File : BF081149.D
Acq On : 21 Aug 2015 17:08
Operator : UM/IZ
Sample : G3319-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCB-015CS-2(0-12FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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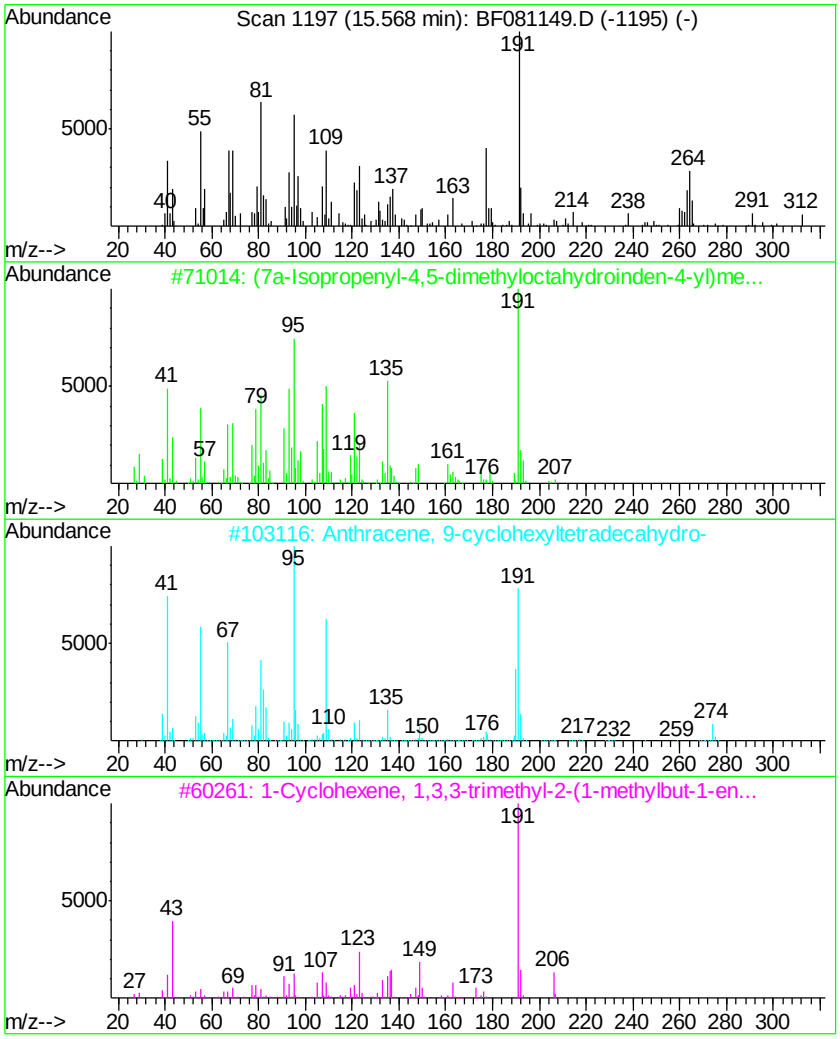
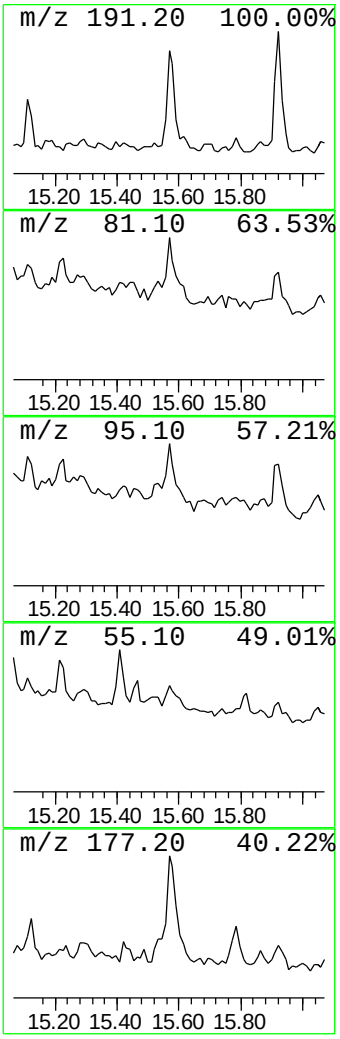
Peak Number 18 unknown15.57 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	9.23 ng	204369	Perylene-d12	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(7a-Isopropenyl-4,5-dimethylocta...	222	C15H26O	1000187-02-9	43
2	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	27
3	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	25
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	25
5	2-Amino-4-methyl-6-(2-thienyl)py...	191	C9H9N3S	026963-43-9	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
Data File : BF081149.D
Acq On : 21 Aug 2015 17:08
Operator : UM/IZ
Sample : G3319-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCB-015CS-2(0-12FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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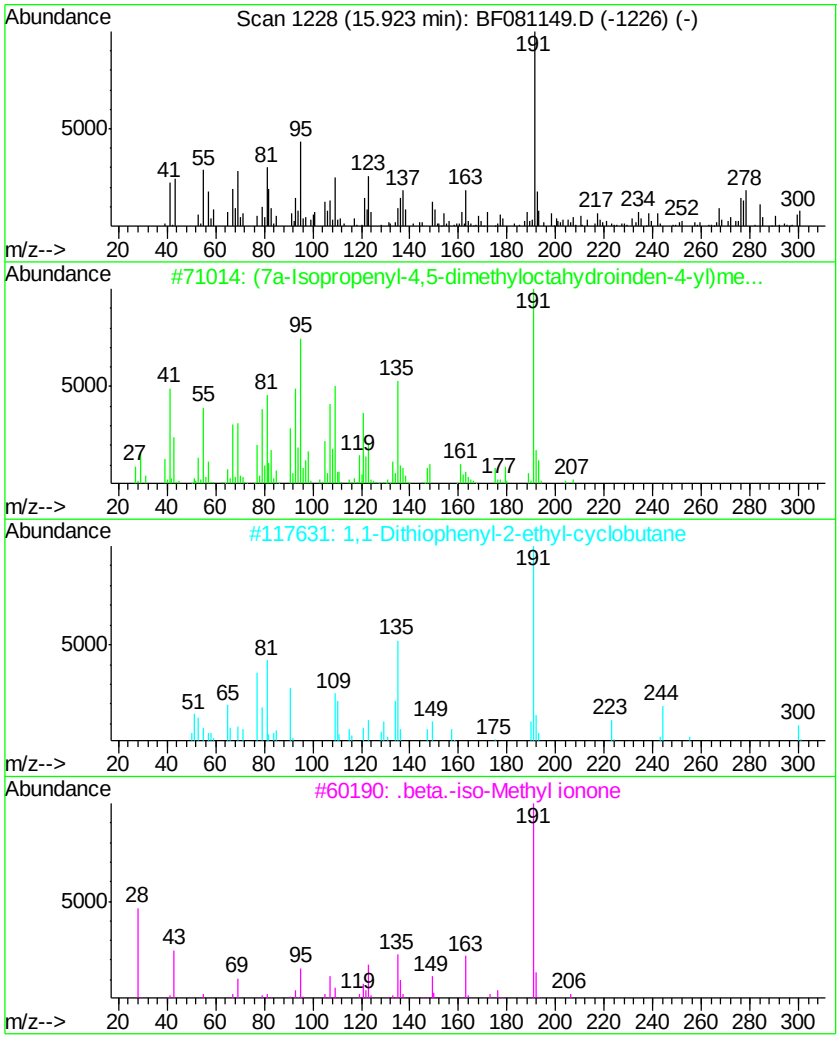
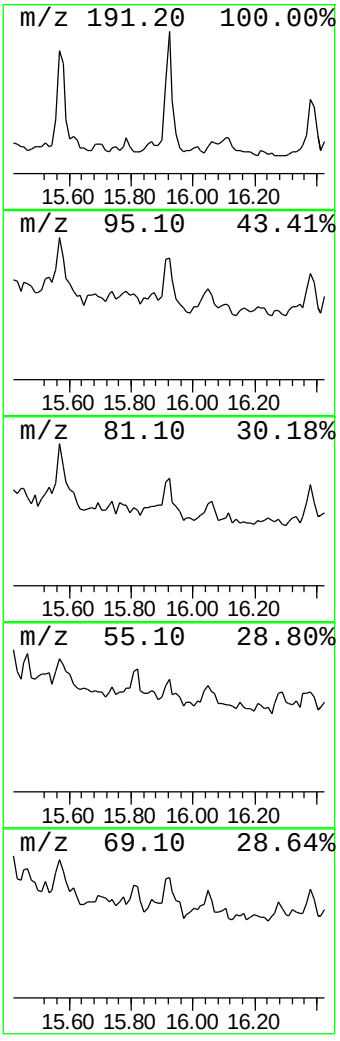
Peak Number 19 (7a-Isopropenyl-4,5-dimethy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	6.80 ng	150506	Perylene-d12	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(7a-Isopropenyl-4,5-dimethylocta...	222	C15H26O	1000187-02-9	53
2	1,1-Dithiophenyl-2-ethyl-cyclobu...	300	C18H20S2	122732-87-0	46
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	43
4	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	38
5	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	37





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
Data File : BF081149.D
Acq On : 21 Aug 2015 17:08
Operator : UM/IZ
Sample : G3319-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCB-015CS-2(0-12FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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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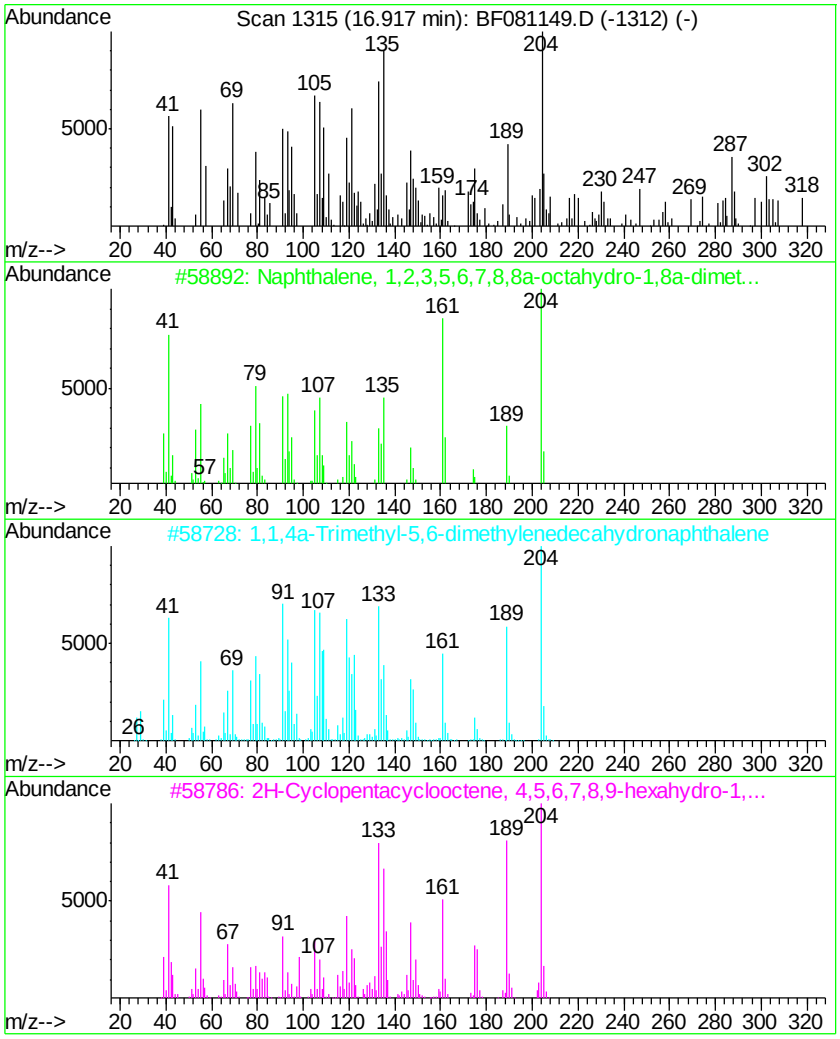
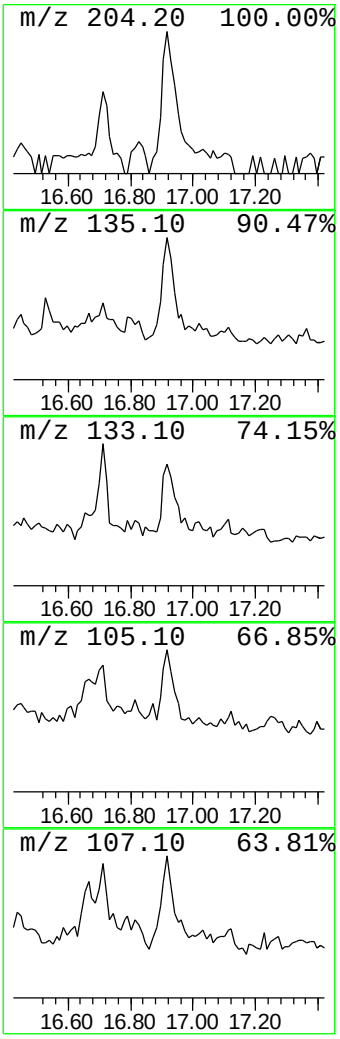
Peak Number 20 Naphthalene, 1,2,3,5,6,7,8,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	6.66 ng	147391	Perylene-d12	15.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	70
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	49
3	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	49
4	Farnesyl bromide	284	C15H25Br	006874-67-5	46
5	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082115\
Data File : BF081149.D
Acq On : 21 Aug 2015 17:08
Operator : UM/IZ
Sample : G3319-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCB-015CS-2(0-12FTBGS)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.66	59.4	ng	1132640	1	6.55	381549	20.0
unknown6.32	6.32	90.8	ng	1731910	1	6.55	381549	20.0
Hexadecane	10.50	5.8	ng	196934	4	11.05	680861	20.0
unknown10.95	10.95	6.0	ng	203195	4	11.05	680861	20.0
Phenanthrene, 2-m...	11.56	6.0	ng	202970	4	11.05	680861	20.0
Pentadecanoic acid	11.61	10.1	ng	343572	4	11.05	680861	20.0
4H-Cyclopenta[def...	11.66	14.4	ng	490509	4	11.05	680861	20.0
Pentadecane	11.79	11.3	ng	383780	4	11.05	680861	20.0
9,10-Anthracenedione	11.87	10.9	ng	371176	4	11.05	680861	20.0
unknown11.90	11.90	6.6	ng	224148	4	11.05	680861	20.0
Tetradecane	13.56	6.4	ng	391932	5	13.67	1223580	20.0
Heptadecane	14.46	10.2	ng	225800	6	15.00	442873	20.0
1-Iodoundecane	14.75	14.0	ng	309070	6	15.00	442873	20.0
Benzo[e]pyrene	14.89	11.9	ng	263476	6	15.00	442873	20.0
Tridecane, 2-methyl-	15.05	7.8	ng	171887	6	15.00	442873	20.0
Pentadecane, 8-he...	15.41	9.5	ng	210555	6	15.00	442873	20.0
unknown15.57	15.57	9.2	ng	204369	6	15.00	442873	20.0
(7a-Isopropenyl-4...	15.92	6.8	ng	150506	6	15.00	442873	20.0
Naphthalene, 1,2,...	16.92	6.7	ng	147391	6	15.00	442873	20.0