LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081265.D
Acq On : 28 Aug 2015 6:14
Operator : UM/IZ
Sample : G3430-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB1(2-4)

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-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	3.806	179	181	186	rBB	18746	30448	1.93%	0.125%
2	4.606	246	251	261	rVB	667712	1223626	77.43%	5.018%
3	5.074	289	292	294	rBV	1289215	1580361	100.00%	6.481%
4	5.497	327	329	331	rBV	24449	35051	2.22%	0.144%
5	6.160	384	387	390	rBV	1240036	1406959	89.03%	5.770%
6	6.274	394	397	399	rVB	1651606	1569741	99.33%	6.438%
7	6.503	415	417	419	rBV	395486	324790	20.55%	1.332%
8	6.663	428	431	433	rBV	1255101	1144005	72.39%	4.692%
9	7.075	465	467	469	rBV	787298	916806	58.01%	3.760%
10	7.429	497	498	501	rVB2	29758	32197	2.04%	0.132%
11	7.520	501	506	507	rBV3	10575	35613	2.25%	0.146%
12	7.555	507	509	513	rBV4	25742	43485	2.75%	0.178%
13	7.703	517	522	525	rBV4	12077	35909	2.27%	0.147%
14	7.795	527	530	532	rVB	460725	497285	31.47%	2.039%
15	7.829	532	533	536	rBV2	23601	40421	2.56%	0.166%
16	7.886	536	538	541	rBV3	22686	66770	4.22%	0.274%
17	7.966	543	545	547	rBV3	26795	36494	2.31%	0.150%
18	8.012	547	549	551	rVB	48095	70520	4.46%	0.289%
19	8.069	551	554	557	rBV3	28281	67469	4.27%	0.277%
20	8.126	557	559	561	rBV2	19619	43354	2.74%	0.178%
21	8.160	561	562	564	rBV2	23439	27194	1.72%	0.112%
22	8.240	567	569	572	rBV	375768	384056	24.30%	1.575%
23	8.298	572	574	576	rVB2	41451	42949	2.72%	0.176%
24	8.343	576	578	581	rBV3	72565	101749	6.44%	0.417%
25	8.412	581	584	586	rBV3	56810	113181	7.16%	0.464%
26	8.538	593	595	597	rBV2	35379	60142	3.81%	0.247%
27	8.595	598	600	603	rVV3	51172	92333	5.84%	0.379%
28	8.698	606	609	610	rBV3	27122	50690	3.21%	0.208%
29	8.743	610	613	615	rBV4	40394	94164	5.96%	0.386%
30	8.778	615	616	618	rVB2	76202	64773	4.10%	0.266%
31	8.835	619	621	622	rVV	434751	374891	23.72%	1.537%
32	8.869	622	624	627	rVB	1215200	1412035	89.35%	5.791%
33	8.938	628	630	631	rBV	83575	102130	6.46%	0.419%
34	9.018	635	637	638	rVB	55401	64138	4.06%	0.263%

LSC Area Percent Report

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Acq On : 28 Aug 2015 6:14
Operator : UM/IZ
Sample : G3430-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB1(2-4)

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	9.040	638	639	641	rBV2	54594	66094	4.18%	0.271%
36	9.155	647	649	652	rBV3	33644	74190	4.69%	0.304%
37	9.246	656	657	658	rVB	160021	109694	6.94%	0.450%
38	9.292	658	661	663	rBV2	477682	662690	41.93%	2.718%
39	9.395	669	670	671	rBV	112775	103279	6.54%	0.424%
40	9.452	673	675	677	rVB3	98407	131004	8.29%	0.537%
41	9.498	677	679	680	rBV	44714	76884	4.86%	0.315%
42	9.532	680	682	684	rVV	475971	484904	30.68%	1.989%
43	9.578	684	686	687	rVB2	32318	37496	2.37%	0.154%
44	9.818	704	707	709	rBV2	97916	113227	7.16%	0.464%
45	9.852	709	710	713	rVB3	75112	121975	7.72%	0.500%
46	9.909	713	715	716	rBV	30888	44651	2.83%	0.183%
47	9.932	716	717	721	rVV3	69884	138129	8.74%	0.566%
48	9.989	721	722	724	rVV	81096	78415	4.96%	0.322%
49	10.069	728	729	731	rVV2	59032	70594	4.47%	0.290%
50	10.138	733	735	737	rVV2	55063	69283	4.38%	0.284%
51	10.206	739	741	743	rBV2	93558	135938	8.60%	0.558%
52	10.321	748	751	753	rVB	788089	841746	53.26%	3.452%
53	10.355	753	754	758	rVB3	38479	56025	3.55%	0.230%
54	10.481	762	765	766	rVB	481982	713498	45.15%	2.926%
55	10.515	766	768	769	rBV2	24215	32745	2.07%	0.134%
56	10.652	779	780	782	rBV2	53445	66331	4.20%	0.272%
57	10.904	800	802	803	rBV	88741	82122	5.20%	0.337%
58	10.938	803	805	807	rVB	333486	347576	21.99%	1.425%
59	11.006	808	811	815	rBV2	373224	741045	46.89%	3.039%
60	11.075	815	817	819	rVB	51020	44694	2.83%	0.183%
61	11.281	833	835	837	rVV	72192	72246	4.57%	0.296%
62	11.326	837	839	841	rVB2	67788	70291	4.45%	0.288%
63	11.498	852	854	855	rBV	46736	54245	3.43%	0.222%
64	11.566	858	860	862	rBV2	343946	429242	27.16%	1.760%
65	11.738	873	875	878	rVB2	37632	57205	3.62%	0.235%
66	11.818	878	882	886	rVB2	80061	115110	7.28%	0.472%
67	12.047	901	902	907	rBV4	36072	84211	5.33%	0.345%
68	12.207	914	916	918	rVB	322057	339302	21.47%	1.392%
69	12.264	919	921	923	rBV2	35032	51503	3.26%	0.211%
70	12.344	926	928	933	rBV	157086	205596	13.01%	0.843%
71	12.424	933	935	937	rVB	297514	278900	17.65%	1.144%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081265.D
Acq On : 28 Aug 2015 6:14
Operator : UM/IZ
Sample : G3430-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB1(2-4)

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

72	12.584	947	949	951	rBV	1045438	1030643	65.22%	4.227%
73	12.858	968	973	975	rBV2	95443	144680	9.15%	0.593%
74	12.961	979	982	986	rBV3	43608	92330	5.84%	0.379%
75	13.178	999	1001	1002	rVB	42069	42011	2.66%	0.172%
76	13.258	1005	1008	1009	rBV	37713	57833	3.66%	0.237%
77	13.292	1009	1011	1015	rVB3	24391	42217	2.67%	0.173%
78	13.361	1015	1017	1018	rBV	44238	51036	3.23%	0.209%
79	13.441	1022	1024	1025	rVV2	39426	57155	3.62%	0.234%
80	13.498	1027	1029	1035	rBV3	182752	281546	17.82%	1.155%
81	13.612	1036	1039	1045	rVV2	377283	680965	43.09%	2.793%
82	13.750	1049	1051	1053	rVV	113597	172885	10.94%	0.709%
83	13.795	1053	1055	1056	rVV	278619	284109	17.98%	1.165%
84	13.818	1056	1057	1059	rVV2	90548	144201	9.12%	0.591%
85	13.852	1059	1060	1063	rVB2	84371	72779	4.61%	0.298%
86	14.035	1074	1076	1078	rBV	27184	31265	1.98%	0.128%
87	14.138	1082	1085	1087	rBV4	109268	159326	10.08%	0.653%
88	14.595	1123	1125	1129	rBV	179273	300121	18.99%	1.231%
89	14.698	1132	1134	1136	rVV2	71590	73054	4.62%	0.300%
90	14.835	1144	1146	1149	rBV	98360	121183	7.67%	0.497%
91	14.893	1149	1151	1153	rBV	83112	109347	6.92%	0.448%
92	14.938	1153	1155	1159	rBV	227960	305162	19.31%	1.252%
93	15.350	1188	1191	1193	rBV	87326	151185	9.57%	0.620%
94	15.395	1193	1195	1197	rVB2	47738	73218	4.63%	0.300%
95	15.841	1231	1234	1239	rVB4	51311	120899	7.65%	0.496%
96	16.093	1254	1256	1262	rVB2	48112	106542	6.74%	0.437%
97	16.287	1270	1273	1275	rVB3	38876	69285	4.38%	0.284%
98	16.436	1284	1286	1290	rVB	34315	73092	4.63%	0.300%
99	16.561	1295	1297	1305	rVB7	32089	78059	4.94%	0.320%
100	17.338	1363	1365	1373	rVB7	20989	69417	4.39%	0.285%

Sum of corrected areas: 24383354

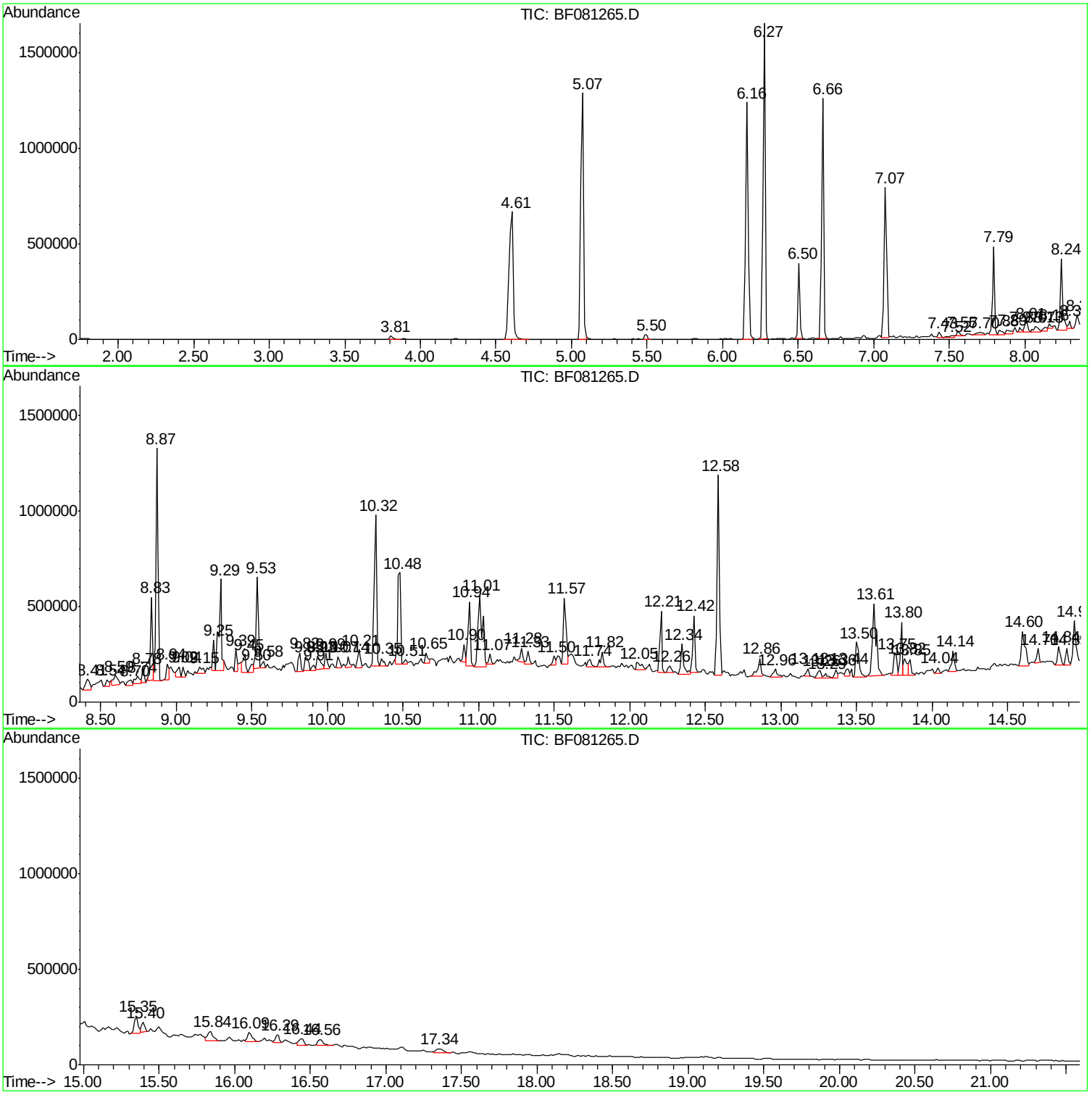
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081265.D
Acq On : 28 Aug 2015 6:14
Operator : UM/IZ
Sample : G3430-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB1(2-4)

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\BF082815\
Data File : BF081265.D
Acq On : 28 Aug 2015 6:14
Operator : UM/IZ
Sample : G3430-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB1(2-4)

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

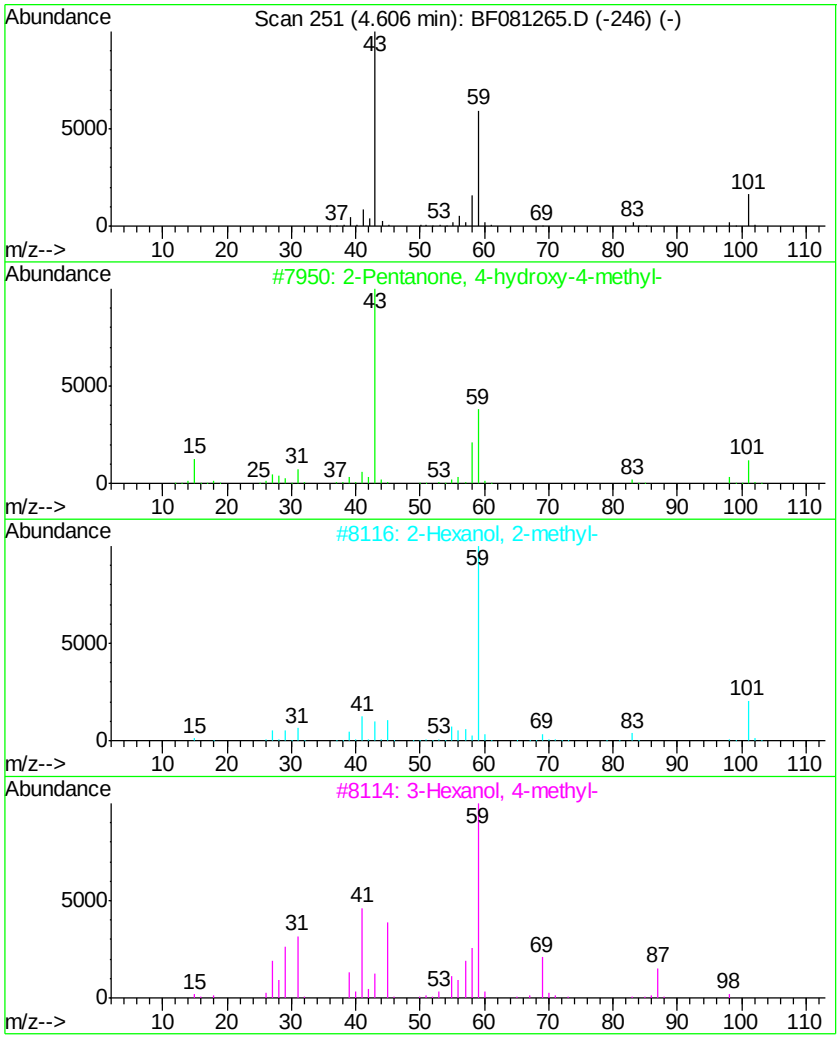
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

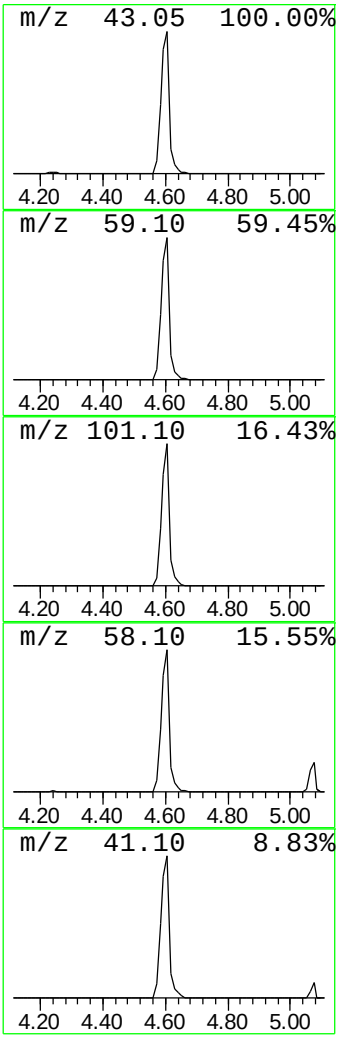
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.61	75.35 ng	1223630	1,4-Dichlorobenzene-d4	6.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081265.D
Acq On : 28 Aug 2015 6:14
Operator : UM/IZ
Sample : G3430-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB1(2-4)

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

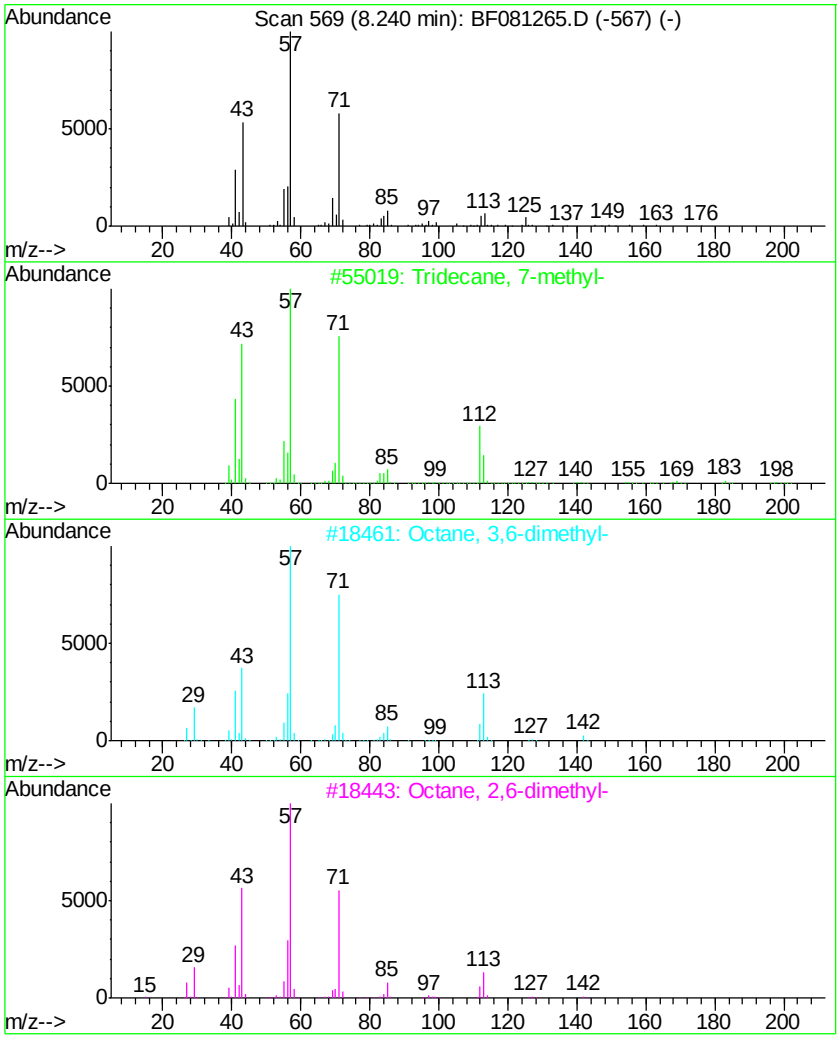
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

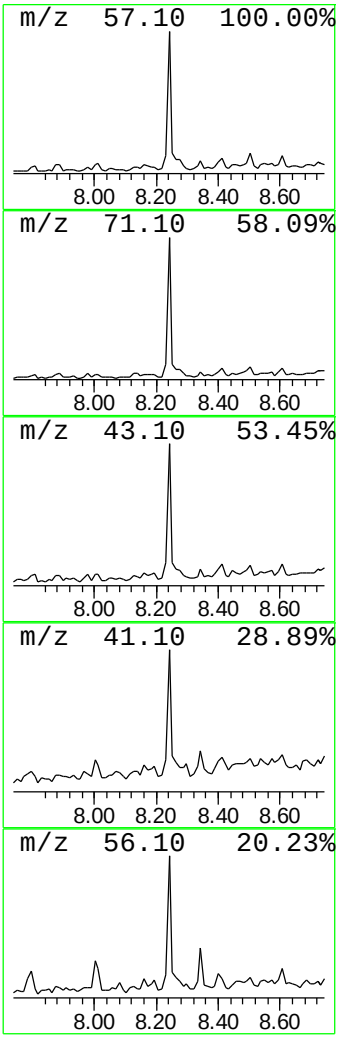
****

Peak Number 4 Tridecane, 7-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	15.45 ng	384056	Naphthalene-d8	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	72
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	59
5	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081265.D
Acq On : 28 Aug 2015 6:14
Operator : UM/IZ
Sample : G3430-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB1(2-4)

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

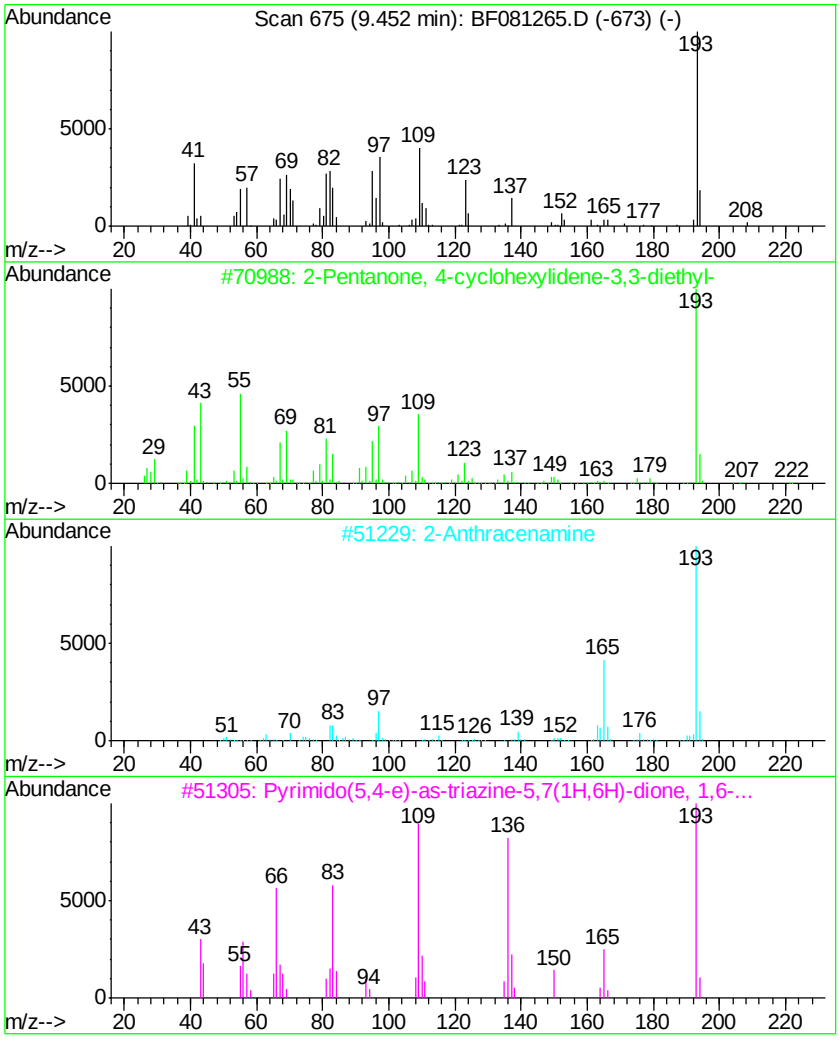
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

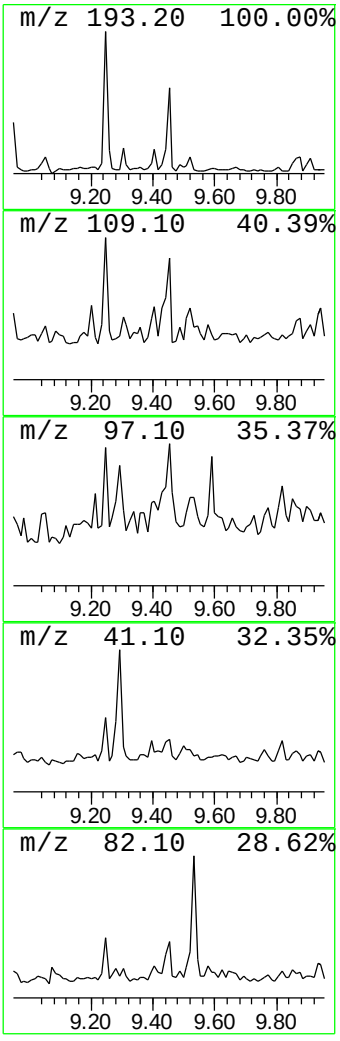
****

Peak Number 5 2-Pentanone, 4-cyclohexylid... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	5.40 ng	131004	Acenaphthene-d10	9.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	50
2	2-Anthracenamine	193	C14H11N	000613-13-8	38
3	Pyrimido(5,4-e)-as-triazine-5,7(...	193	C7H7N5O2	000084-82-2	32
4	Benzo[f]quinoline, 3-methyl-	193	C14H11N	000085-06-3	30
5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	28





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081265.D
Acq On : 28 Aug 2015 6:14
Operator : UM/IZ
Sample : G3430-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB1(2-4)

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

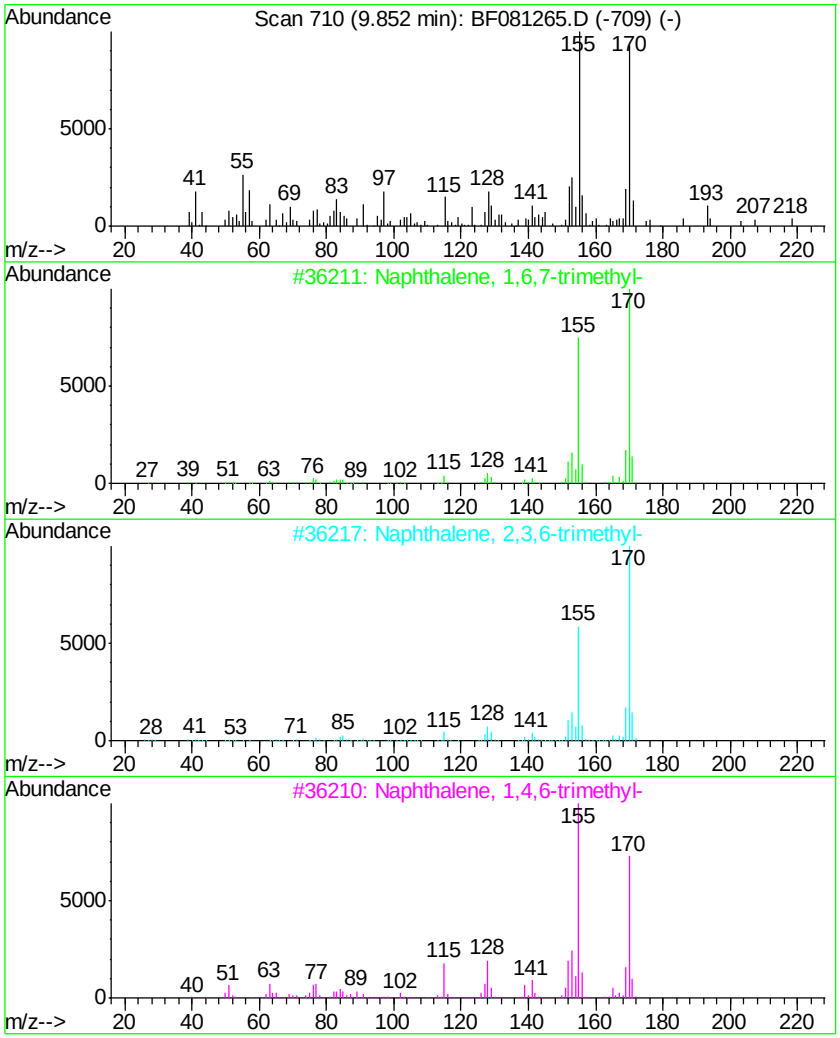
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

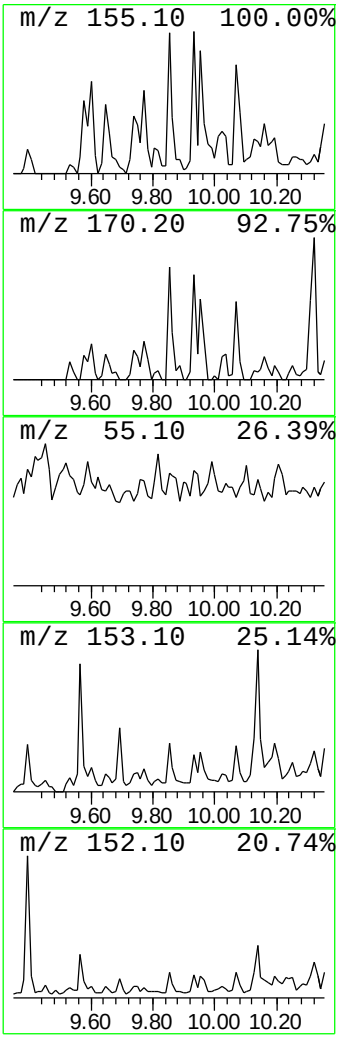
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	5.03 ng	121975	Acenaphthene-d10	9.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	91
5	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	87





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081265.D
Acq On : 28 Aug 2015 6:14
Operator : UM/IZ
Sample : G3430-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB1(2-4)

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

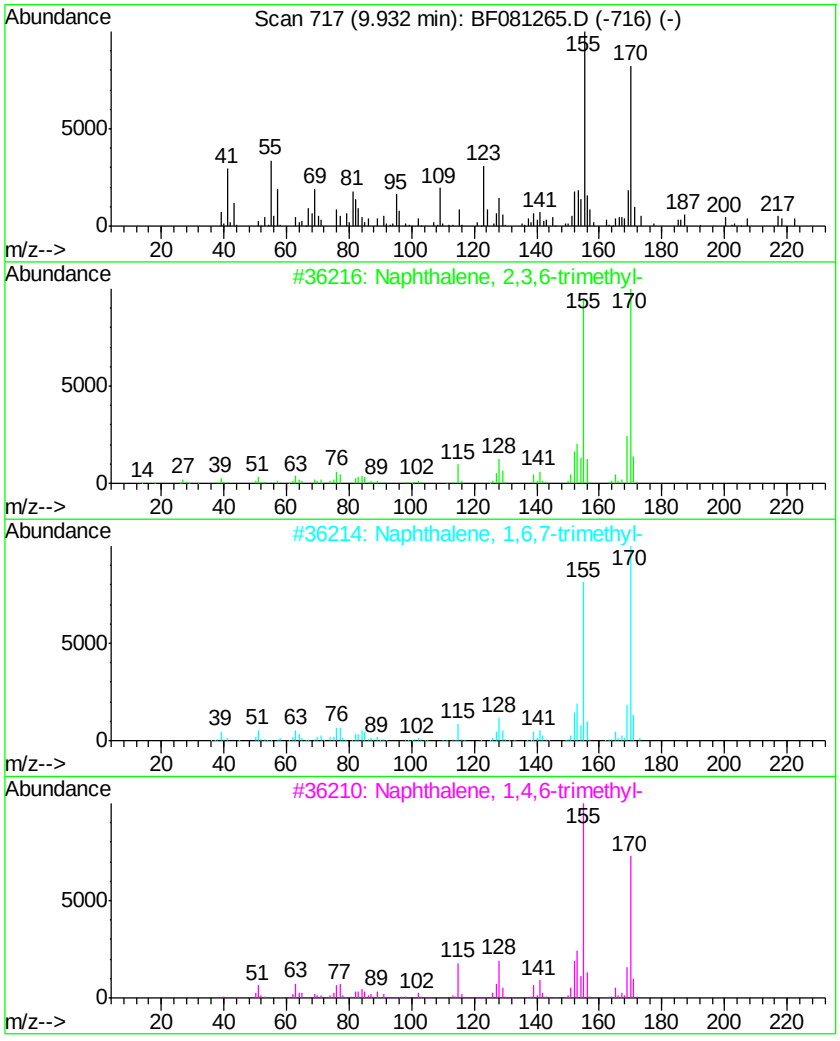
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

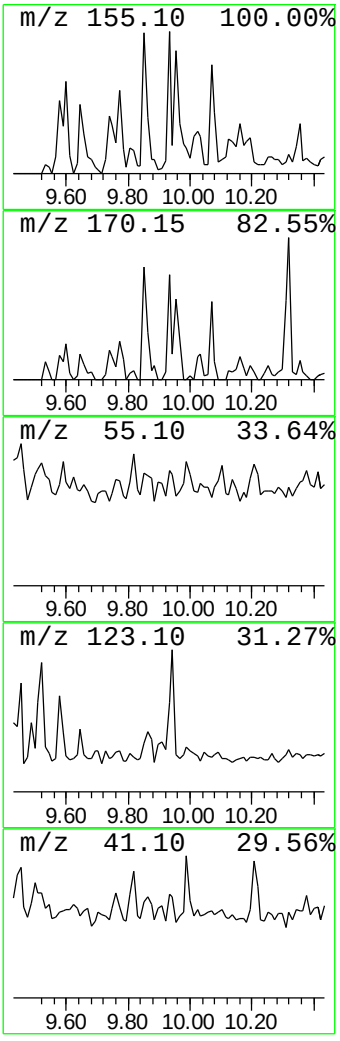
****

Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	5.70 ng	138129	Acenaphthene-d10	9.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	74
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	74





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Data File : BF081265.D
Acq On : 28 Aug 2015 6:14
Operator : UM/IZ
Sample : G3430-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB1(2-4)

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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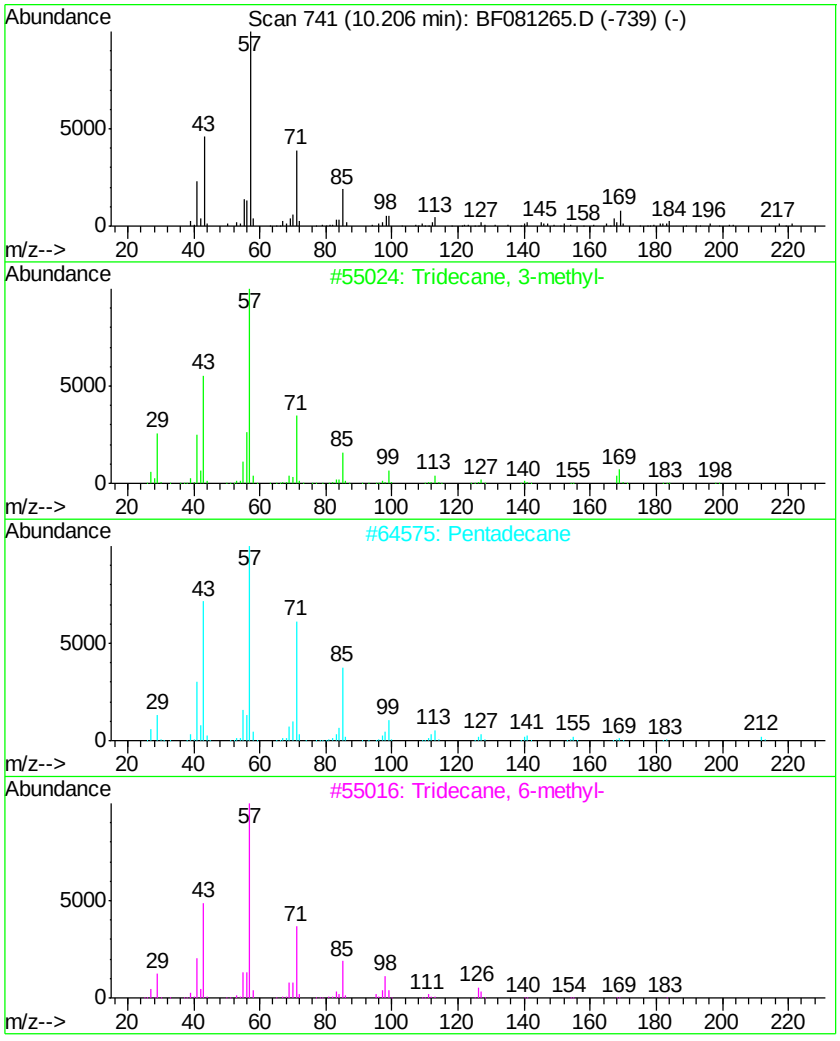
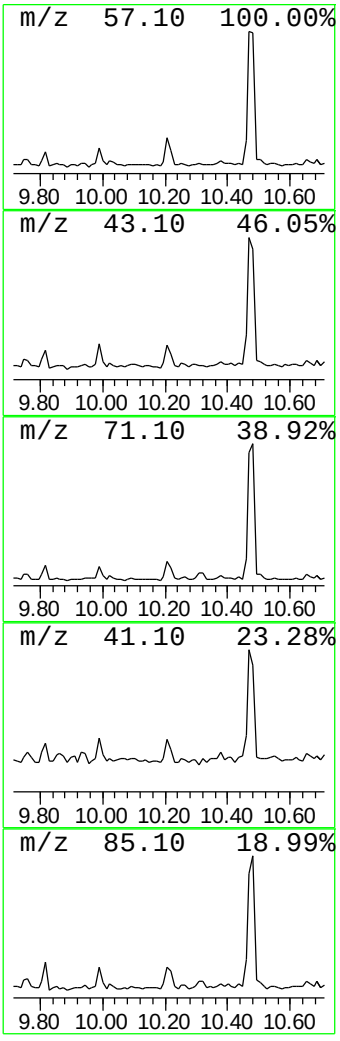
Peak Number 8 Tridecane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	5.61 ng	135938	Acenaphthene-d10	9.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
2	Pentadecane	212	C15H32	000629-62-9	64
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
4	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	59
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	53





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Sample : G3430-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB1(2-4)

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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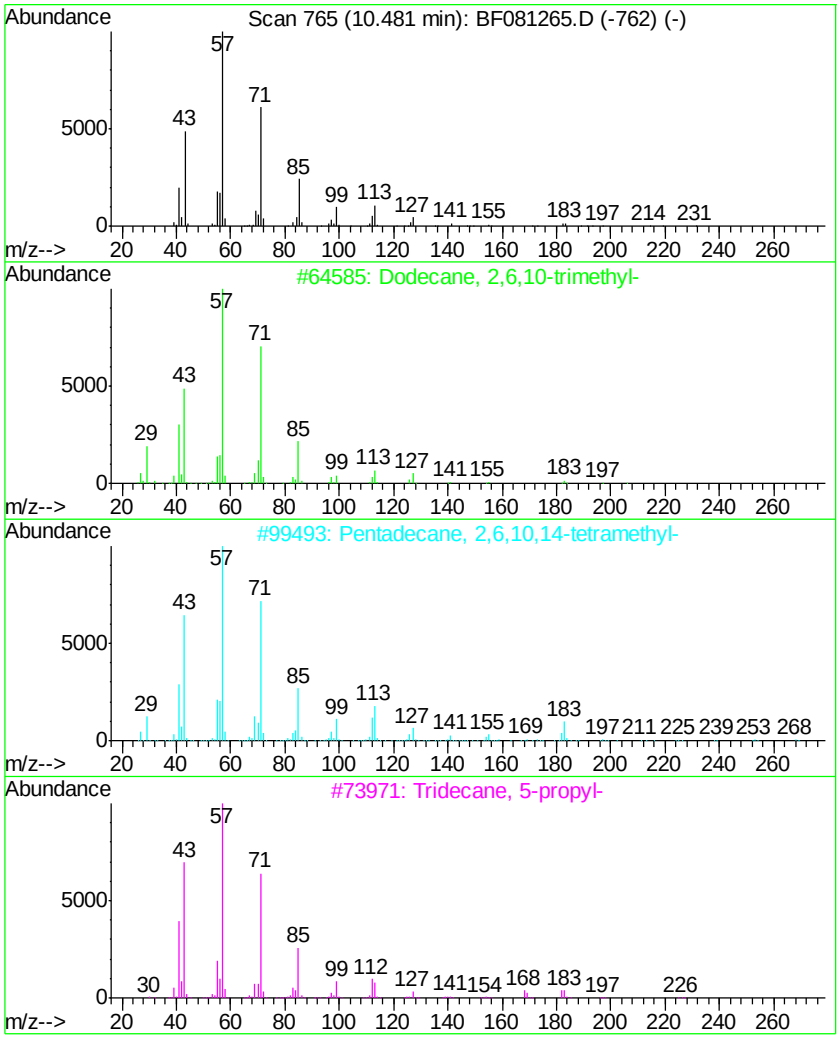
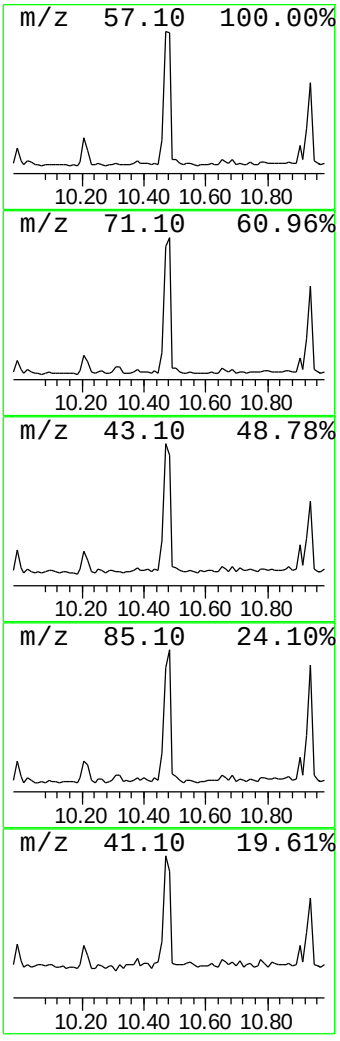
Peak Number 9 Dodecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	19.26 ng	713498	Phenanthrene-d10	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
4	5,5-Dibutylnonane	240	C17H36	006008-17-9	72
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72





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Sample : G3430-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB1(2-4)

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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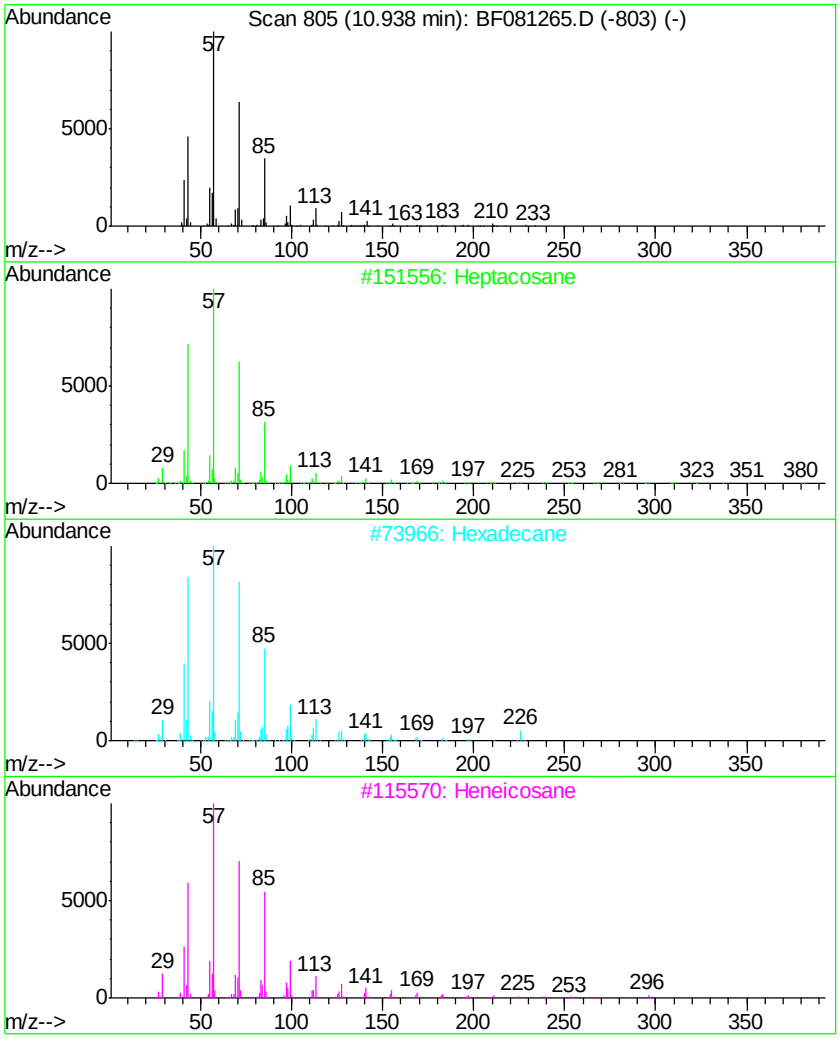
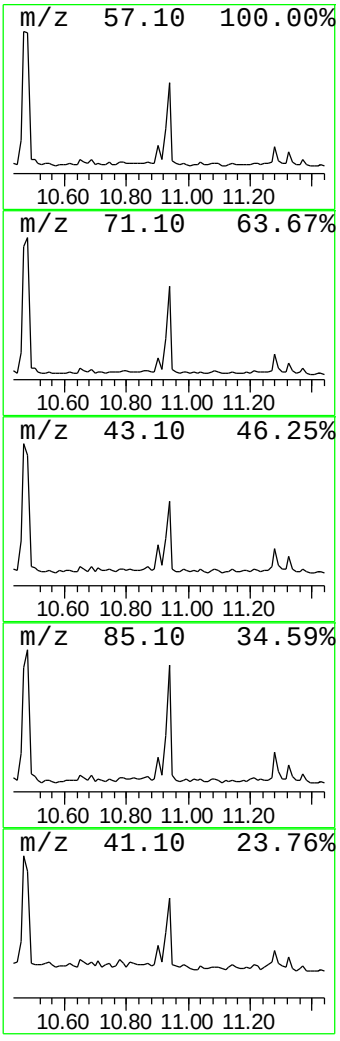
Peak Number 10 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	9.38 ng	347576	Phenanthrene-d10	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Hexadecane	226	C16H34	000544-76-3	80
3	Heneicosane	296	C21H44	000629-94-7	78
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	78
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	78





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB1(2-4)

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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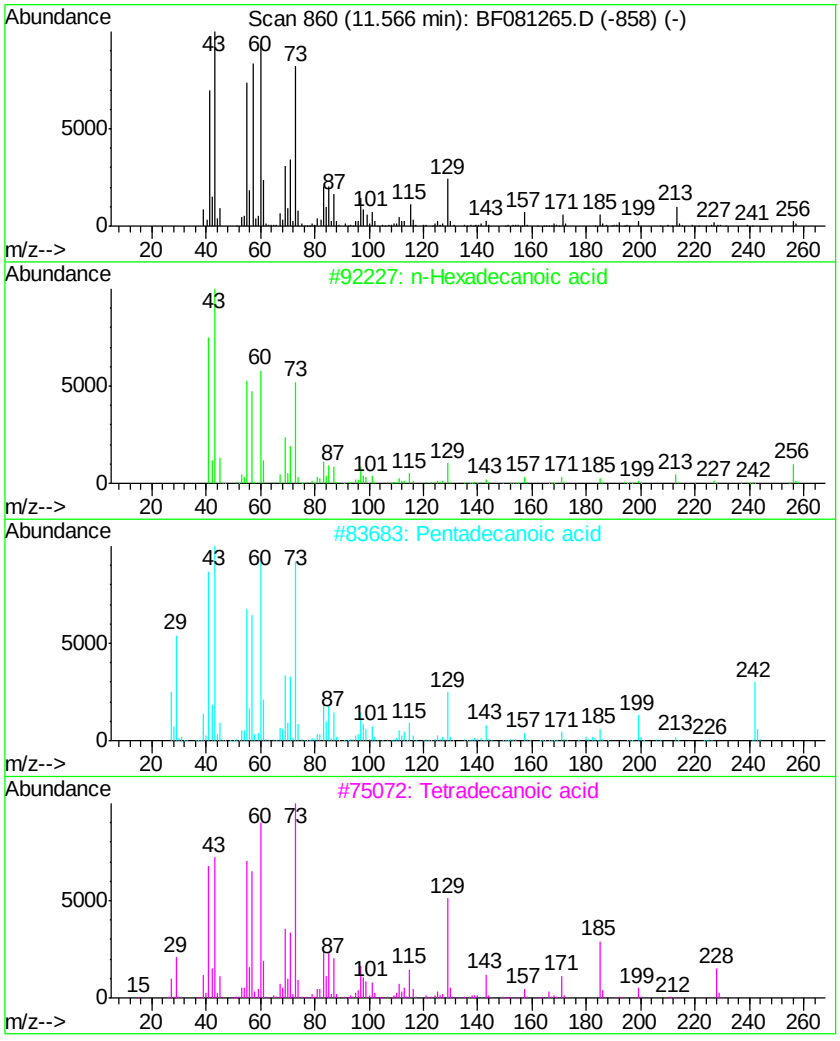
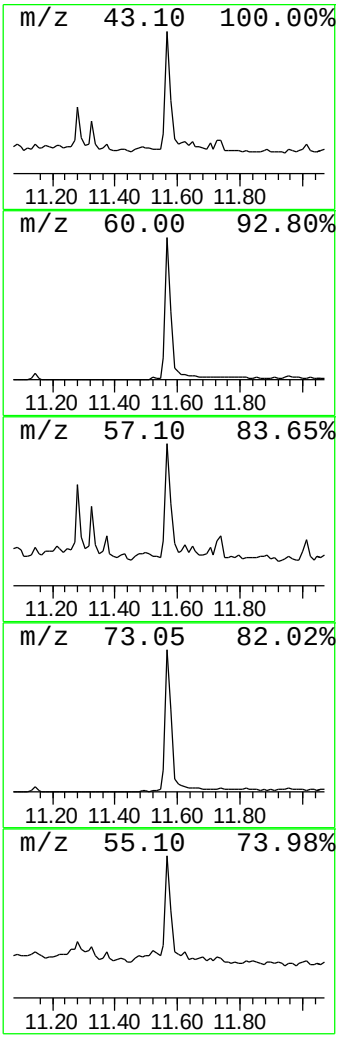
Peak Number 11 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	11.58 ng	429242	Phenanthrene-d10	11.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	Undecanoic acid	186	C11H22O2	000112-37-8	76





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Sample : G3430-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB1(2-4)

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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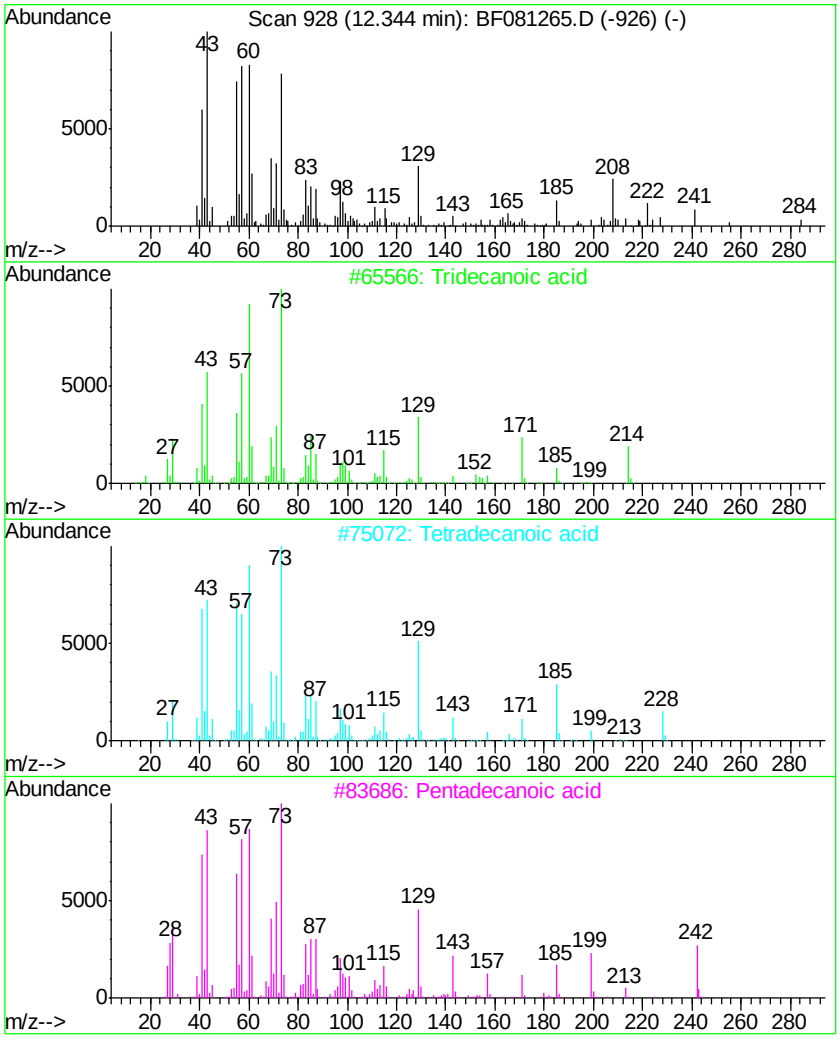
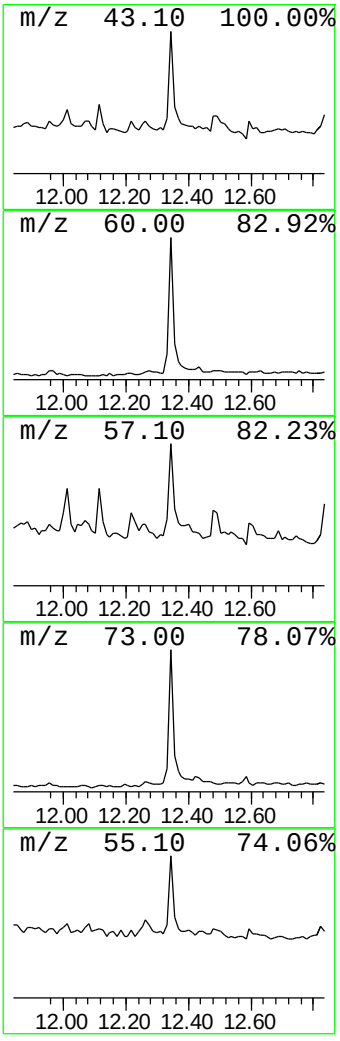
Peak Number 12 Tridecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	6.04 ng	205596	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	53
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
4	Undecanoic acid	186	C11H22O2	000112-37-8	47
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





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Sample : G3430-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB1(2-4)

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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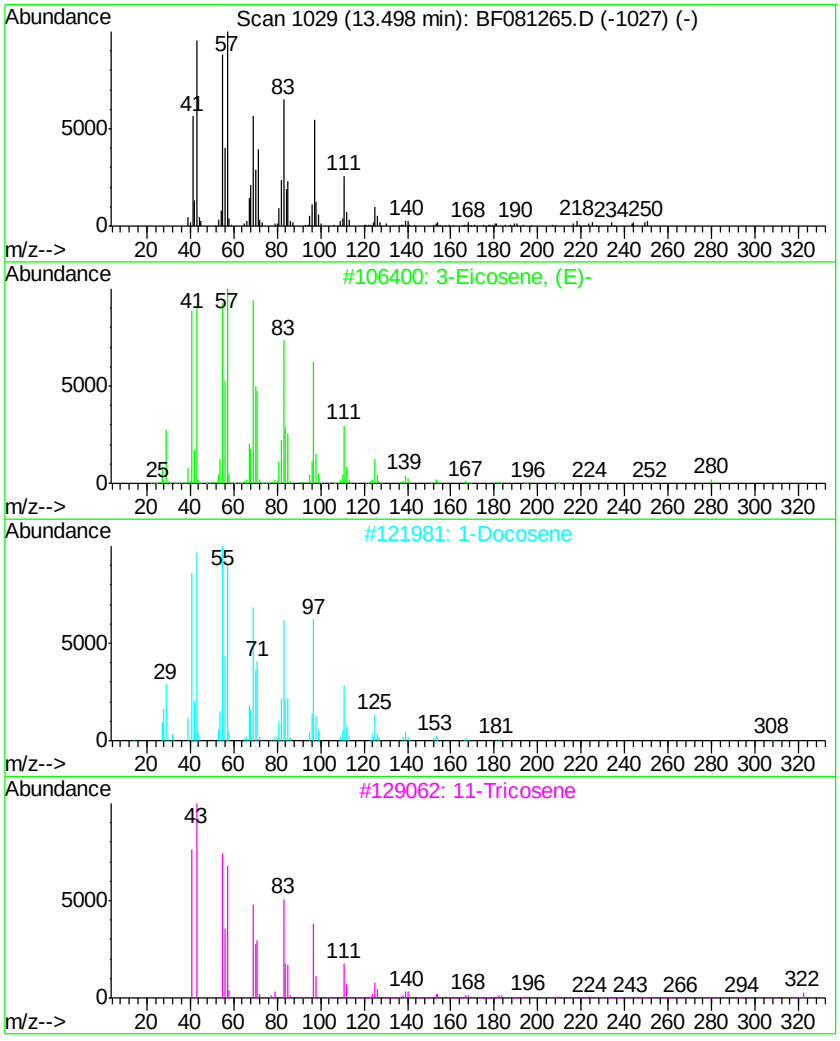
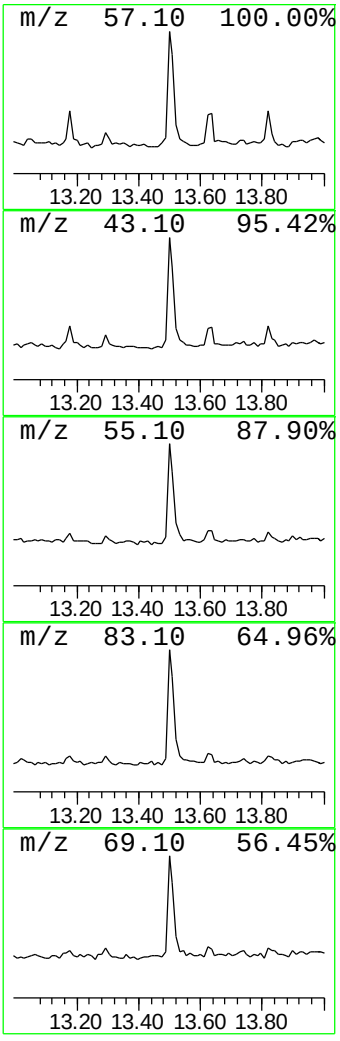
Peak Number 13 3-Eicosene, (E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	8.27 ng	281546	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	1-Docosene	308	C22H44	001599-67-3	91
3	11-Tricosene	322	C23H46	052078-56-5	90
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	90
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	90





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Sample : G3430-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB1(2-4)

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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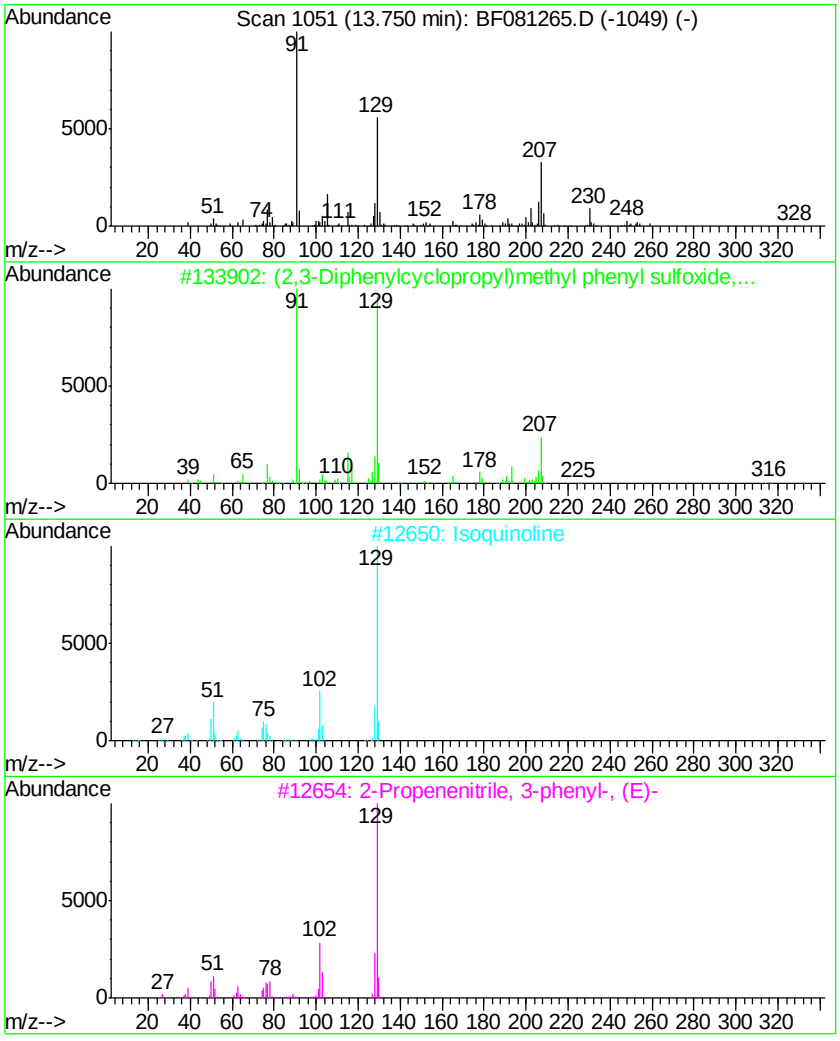
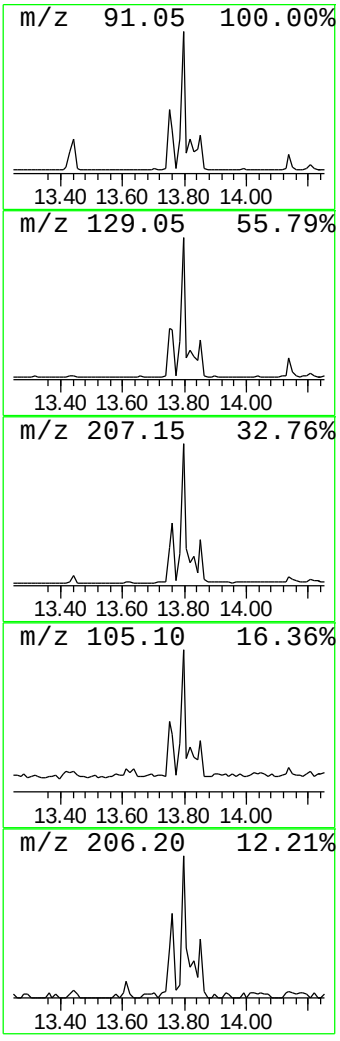
Peak Number 14 unknown13.75 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	5.08 ng	172885	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	38
2	Isoquinoline	129	C9H7N	000119-65-3	27
3	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	27
4	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	27
5	Quinoline	129	C9H7N	000091-22-5	27





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Sample : G3430-01
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Instrument : BNA_F
ClientSampleId : SB1(2-4)

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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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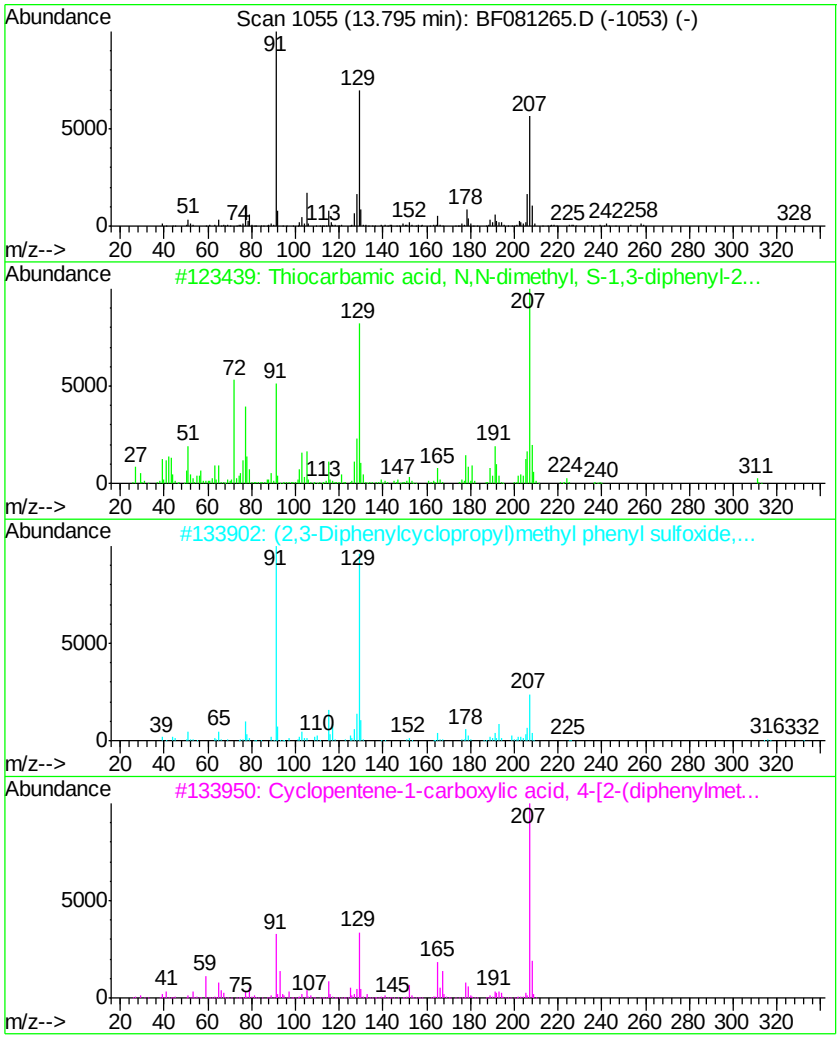
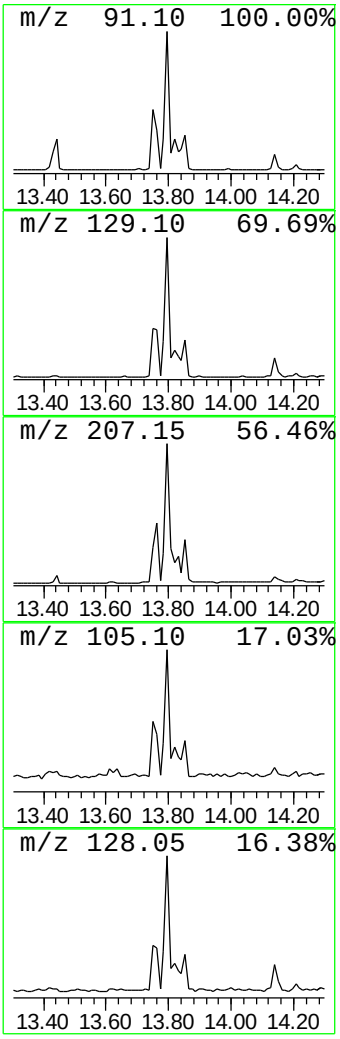
Peak Number 15 unknown13.80 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	8.34 ng	284109	Chrysene-d12	13.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiocarbamic acid, N,N-dimethyl,...	311	C19H21NOS	1000192-89-2	42
2	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	42
3	Cyclopentene-1-carboxylic acid, ...	332	C23H24O2	1000159-40-6	42
4	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	38
5	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	38





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Sample : G3430-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB1(2-4)

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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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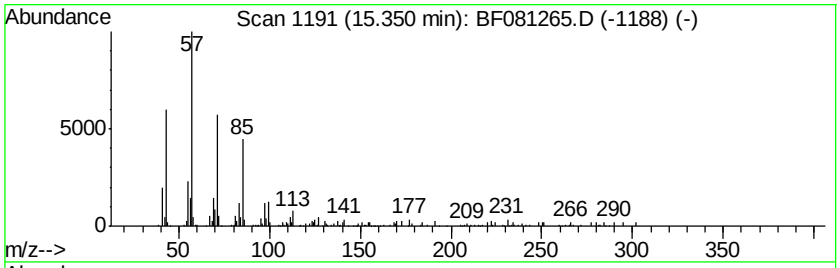
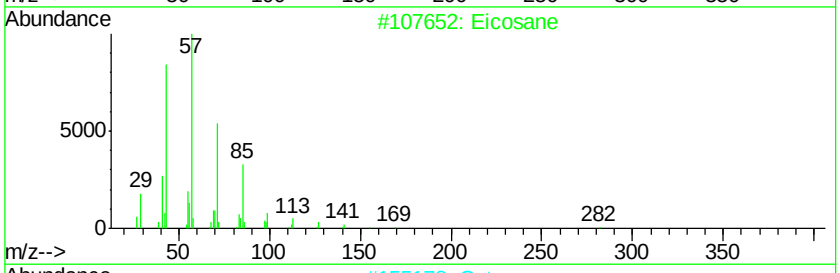
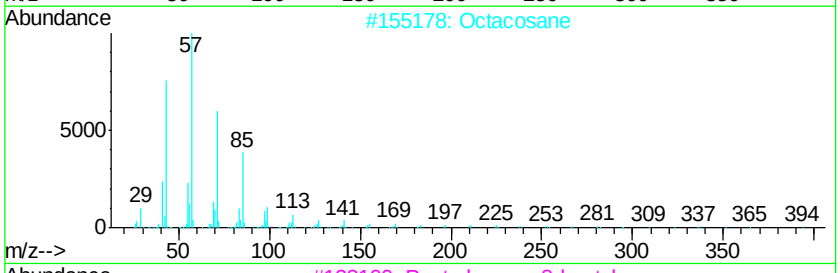
Peak Number 17 Eicosane Concentration Rank 7

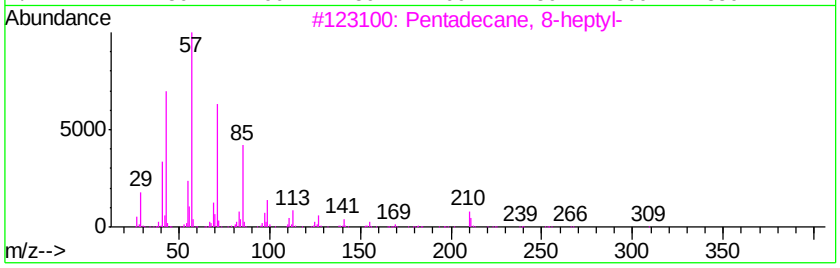
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	9.91 ng	151185	Perylene-d12	14.94

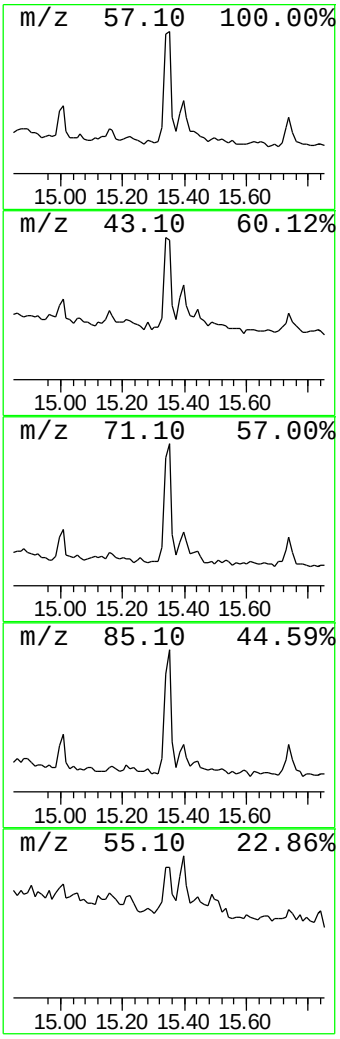
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Octacosane	394	C28H58	000630-02-4	87
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5	Tetracosane	338	C24H50	000646-31-1	80











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Acq On : 28 Aug 2015 6:14
Operator : UM/IZ
Sample : G3430-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB1(2-4)

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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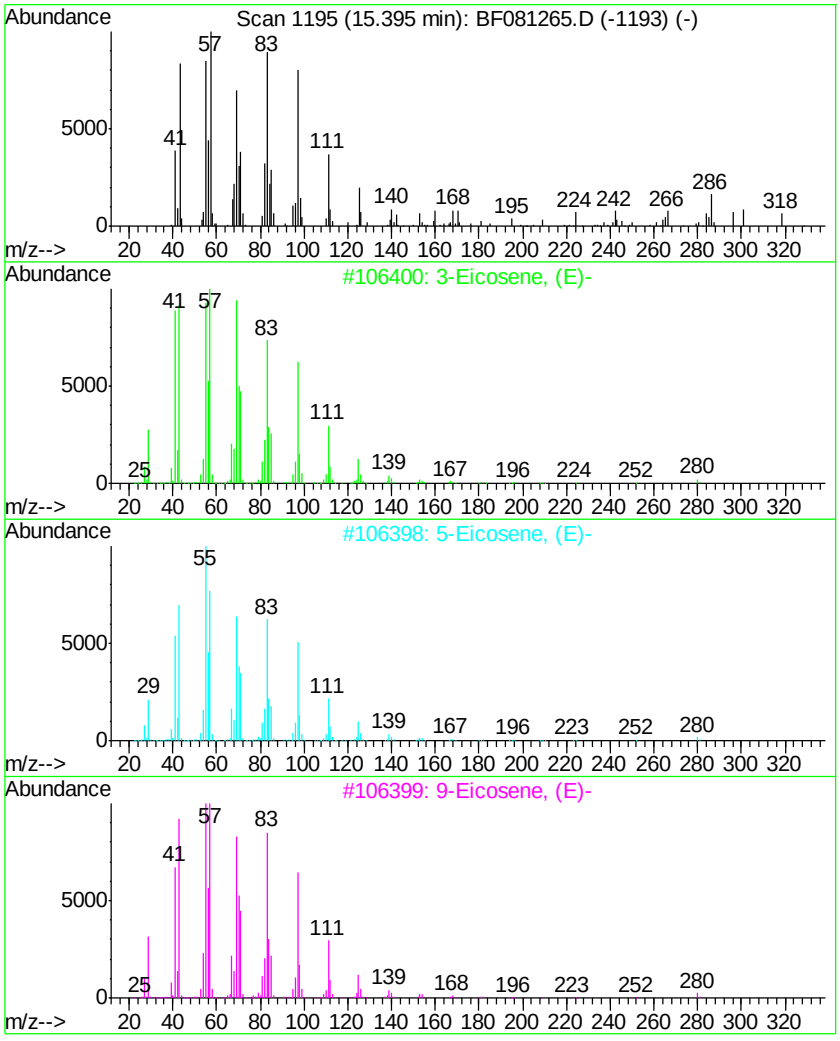
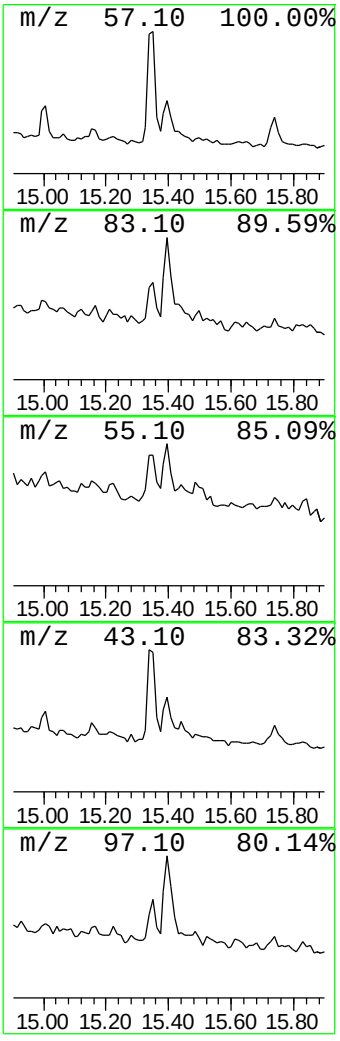
Peak Number 18 5-Eicosene, (E)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	4.80 ng	73218	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	87
4	Z-5-Nonadecene	266	C19H38	1000131-11-8	87
5	Cyclohexadecane	224	C16H32	000295-65-8	86





Library Search Compound Report

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Data File : BF081265.D
Acq On : 28 Aug 2015 6:14
Operator : UM/IZ
Sample : G3430-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB1(2-4)

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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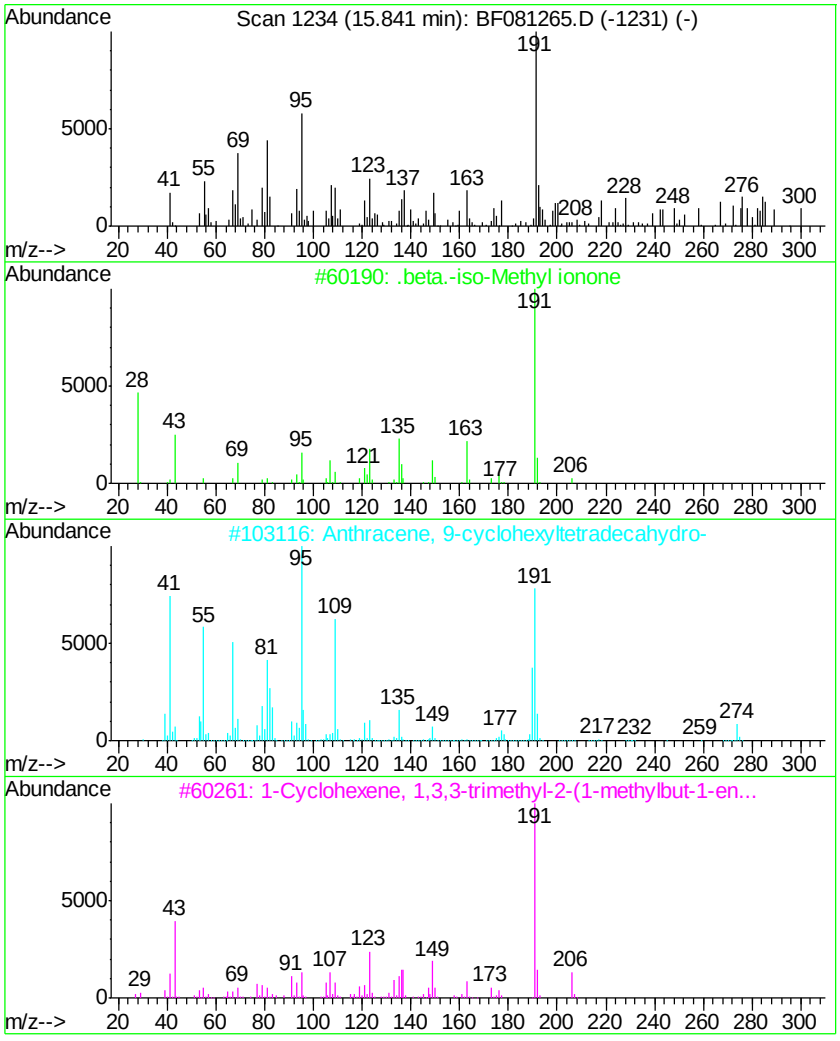
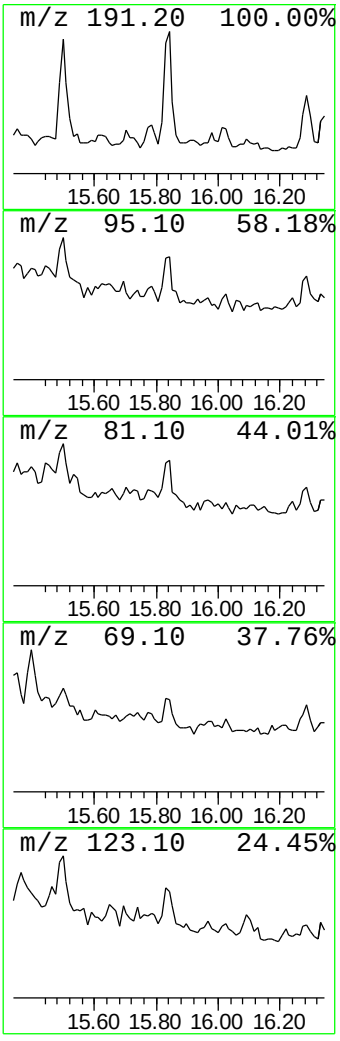
Peak Number 19 unknown15.84 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	7.92 ng	120899	Perylene-d12	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	43
2	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	40
3	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
4	Azuleno[4,5-b]furan-2(3H)-one, d...	266	C15H22O4	005090-67-5	38
5	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081265.D
Acq On : 28 Aug 2015 6:14
Operator : UM/IZ
Sample : G3430-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB1(2-4)

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...	4.61	75.3	ng	1223630	1	6.50	324790	20.0
Tridecane, 7-methyl-	8.24	15.4	ng	384056	2	7.79	497285	20.0
2-Pentanone, 4-cy...	9.45	5.4	ng	131004	3	9.53	484904	20.0
Naphthalene, 1,6,...	9.85	5.0	ng	121975	3	9.53	484904	20.0
Naphthalene, 2,3,...	9.93	5.7	ng	138129	3	9.53	484904	20.0
Tridecane, 3-methyl-	10.21	5.6	ng	135938	3	9.53	484904	20.0
Dodecane, 2,6,10-...	10.48	19.3	ng	713498	4	11.01	741045	20.0
Heptacosane	10.94	9.4	ng	347576	4	11.01	741045	20.0
n-Hexadecanoic acid	11.57	11.6	ng	429242	4	11.01	741045	20.0
Tridecanoic acid	12.34	6.0	ng	205596	5	13.61	680965	20.0
3-Eicosene, (E)-	13.50	8.3	ng	281546	5	13.61	680965	20.0
unknown13.75	13.75	5.1	ng	172885	5	13.61	680965	20.0
unknown13.80	13.80	8.3	ng	284109	5	13.61	680965	20.0
Eicosane	15.35	9.9	ng	151185	6	14.94	305162	20.0
5-Eicosene, (E)-	15.40	4.8	ng	73218	6	14.94	305162	20.0
unknown15.84	15.84	7.9	ng	120899	6	14.94	305162	20.0