LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081211.D
Acq On : 25 Aug 2015 21:39
Operator : UM/IZ
Sample : G3407-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P004-BF002-01

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	2.207	26	28	32	rVB	41898	60632	2.30%	0.190%
2	3.864	170	173	178	rBV	30037	48722	1.85%	0.153%
3	4.641	238	241	251	rBV	889479	1791645	68.05%	5.614%
4	5.110	279	282	284	rBV	2216522	2557369	97.13%	8.014%
5	5.522	316	318	322	rBV	44089	47957	1.82%	0.150%
6	5.990	357	359	363	rVB	32255	33595	1.28%	0.105%
7	6.184	373	376	379	rBV	1662118	2632933	100.00%	8.250%
8	6.299	383	386	388	rBV	2329130	2239988	85.08%	7.019%
9	6.527	404	406	408	rBV	560529	457242	17.37%	1.433%
10	6.687	417	420	422	rVB	2019688	1832000	69.58%	5.741%
11	7.099	453	456	459	rBV	1243587	1420602	53.96%	4.451%
12	7.236	466	468	470	rVB	31004	38383	1.46%	0.120%
13	7.579	494	498	506	rVB3	31769	68226	2.59%	0.214%
14	7.819	516	519	521	rBV	392406	529502	20.11%	1.659%
15	7.899	523	526	529	rVB	30463	41932	1.59%	0.131%
16	8.402	568	570	574	rBV3	23144	44085	1.67%	0.138%
17	8.550	579	583	585	rBV	23697	44985	1.71%	0.141%
18	8.756	597	601	604	rBV2	12391	31173	1.18%	0.098%
19	8.893	611	613	616	rBV	1680806	2350498	89.27%	7.365%
20	9.293	646	648	651	rBV	494843	462787	17.58%	1.450%
21	9.419	657	659	661	rVB	115201	91990	3.49%	0.288%
22	9.522	663	668	669	rBV3	17923	31024	1.18%	0.097%
23	9.556	669	671	673	rBV	550451	532958	20.24%	1.670%
24	9.591	673	674	676	rVB	42789	31377	1.19%	0.098%
25	9.796	690	692	694	rVB	23711	30028	1.14%	0.094%
26	10.013	710	711	713	rVB	43044	34544	1.31%	0.108%
27	10.093	714	718	722	rVB2	27704	58320	2.22%	0.183%
28	10.231	727	730	732	rBV2	15399	32593	1.24%	0.102%
29	10.345	737	740	742	rBV	1340896	1288557	48.94%	4.038%
30	10.482	749	752	758	rBV2	50913	88991	3.38%	0.279%
31	10.573	758	760	761	rBV	24400	27763	1.05%	0.087%
32	10.734	771	774	776	rBV3	45700	56598	2.15%	0.177%
33	10.791	777	779	782	rVB3	27491	38779	1.47%	0.122%
34	10.928	789	791	793	rBV	61077	64123	2.44%	0.201%

LSC Area Percent Report

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Data File : BF081211.D
Acq On : 25 Aug 2015 21:39
Operator : UM/IZ
Sample : G3407-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P004-BF002-01

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	11.031	797	800	804	rBV2	565324	837496	31.81%	2.624%
36	11.099	804	806	809	rBV2	133218	193203	7.34%	0.605%
37	11.168	811	812	813	rBV	30534	29555	1.12%	0.093%
38	11.282	819	822	825	rBV3	51628	117236	4.45%	0.367%
39	11.351	827	828	832	rVB2	38712	52157	1.98%	0.163%
40	11.442	834	836	840	rVB3	25344	37342	1.42%	0.117%
41	11.522	840	843	845	rBV2	114019	197414	7.50%	0.619%
42	11.556	845	846	847	rVB	90921	62372	2.37%	0.195%
43	11.602	847	850	852	rBV2	458105	601415	22.84%	1.885%
44	11.636	852	853	854	rVB	58682	42642	1.62%	0.134%
45	11.762	862	864	866	rBV	69832	84131	3.20%	0.264%
46	11.842	867	871	873	rVB2	58309	91903	3.49%	0.288%
47	11.979	881	883	884	rBV2	20543	28654	1.09%	0.090%
48	12.071	889	891	893	rBV2	44520	70061	2.66%	0.220%
49	12.105	893	894	897	rVV2	40647	47982	1.82%	0.150%
50	12.151	897	898	901	rVB2	48159	46220	1.76%	0.145%
51	12.231	903	905	907	rBV	569500	497763	18.91%	1.560%
52	12.288	907	910	912	rBV2	91401	193041	7.33%	0.605%
53	12.368	915	917	921	rVV3	104357	164854	6.26%	0.517%
54	12.459	922	925	926	rVV	332568	500716	19.02%	1.569%
55	12.517	926	930	933	rVB3	34604	61403	2.33%	0.192%
56	12.574	933	935	936	rBV	28759	30439	1.16%	0.095%
57	12.619	936	939	941	rVV	1666286	1720806	65.36%	5.392%
58	12.677	941	944	948	rVV3	37714	84931	3.23%	0.266%
59	12.848	957	959	961	rBV	84184	111121	4.22%	0.348%
60	12.882	961	962	967	rVB2	59187	97067	3.69%	0.304%
61	12.974	968	970	972	rBV	50517	76168	2.89%	0.239%
62	13.099	978	981	982	rBV	117229	143529	5.45%	0.450%
63	13.328	999	1001	1004	rBV3	39182	47112	1.79%	0.148%
64	13.397	1005	1007	1008	rBV	56020	67760	2.57%	0.212%
65	13.534	1017	1019	1022	rBV2	301845	385532	14.64%	1.208%
66	13.648	1026	1029	1034	rBV3	515506	1081787	41.09%	3.390%
67	14.162	1072	1074	1077	rBV2	269233	398198	15.12%	1.248%
68	14.574	1108	1110	1113	rBV	212795	205819	7.82%	0.645%
69	14.631	1113	1115	1119	rBV	267495	545505	20.72%	1.709%
70	14.757	1122	1126	1129	rVV3	426531	700124	26.59%	2.194%
71	14.883	1135	1137	1139	rVB	227396	237378	9.02%	0.744%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : P004-BF002-01

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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Peak separation: 5

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

72	14.928	1139	1141	1144	rBV	201448	285709	10.85%	0.895%
73	14.985	1144	1146	1150	rBV2	254034	354270	13.46%	1.110%
74	15.214	1164	1166	1168	rVB	120387	165366	6.28%	0.518%
75	15.397	1180	1182	1184	rBV	198897	282021	10.71%	0.884%
76	15.443	1184	1186	1189	rVB	144139	214529	8.15%	0.672%
77	16.025	1235	1237	1242	rVB3	89517	169038	6.42%	0.530%
78	16.163	1247	1249	1256	rVB2	117873	255554	9.71%	0.801%
79	16.300	1258	1261	1264	rVB2	209380	344119	13.07%	1.078%
80	16.517	1278	1280	1287	rVB	93381	206946	7.86%	0.648%
81	16.631	1287	1290	1295	rBV4	114542	320271	12.16%	1.004%
82	18.266	1429	1433	1442	rVB5	66578	282502	10.73%	0.885%

Sum of corrected areas: 31913062

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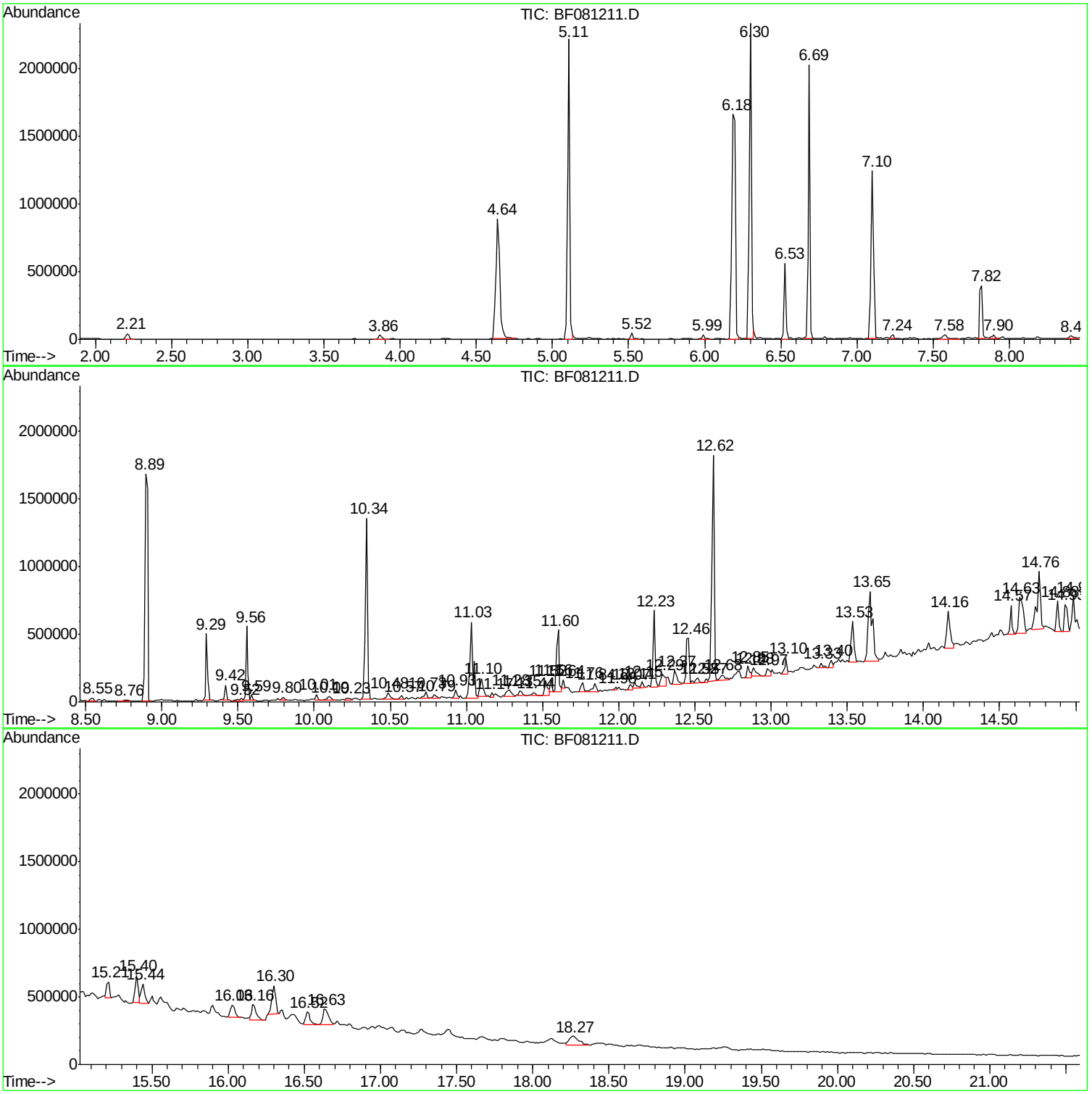
Data File : BF081211.D
Acq On : 25 Aug 2015 21:39
Operator : UM/IZ
Sample : G3407-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P004-BF002-01

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\BF082515\
Data File : BF081211.D
Acq On : 25 Aug 2015 21:39
Operator : UM/IZ
Sample : G3407-09
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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P004-BF002-01

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

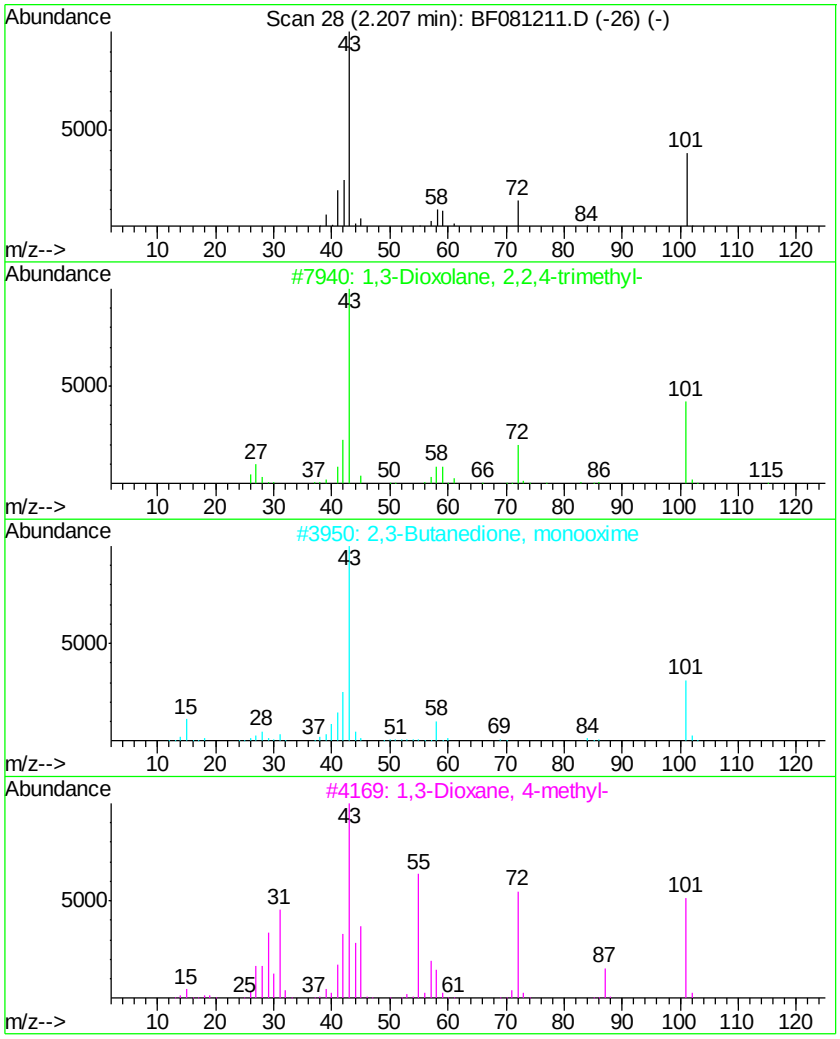
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

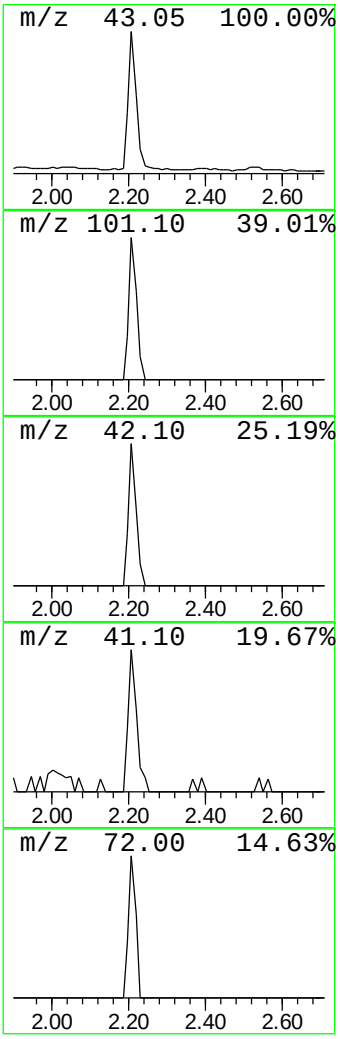
****

Peak Number 1 1,3-Dioxolane, 2,2,4-trimet... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	2.65 ng	60632	1,4-Dichlorobenzene-d4	6.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	78
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	59
3	1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	45
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	10
5	Furazan-3-ol, 4-amino-	101	C2H3N3O2	159013-90-8	9





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Data File : BF081211.D
Acq On : 25 Aug 2015 21:39
Operator : UM/IZ
Sample : G3407-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P004-BF002-01

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
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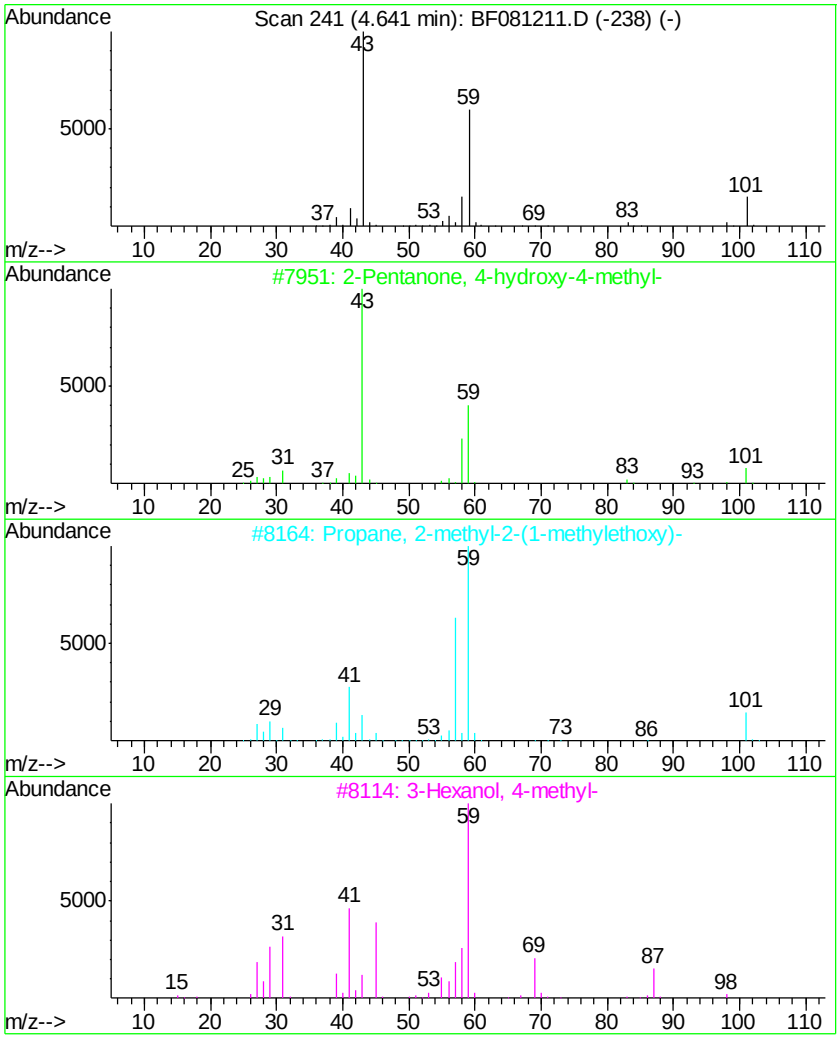
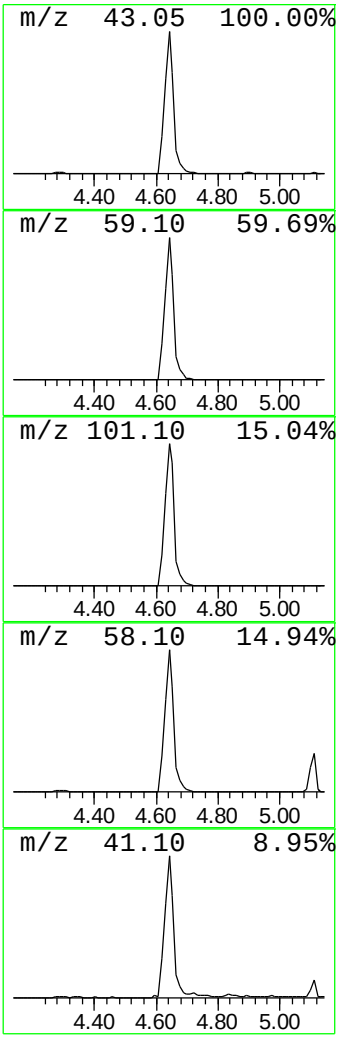
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	78.37 ng	1791650	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	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081211.D
Acq On : 25 Aug 2015 21:39
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Sample : G3407-09
Misc :
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Instrument : BNA_F
ClientSampleId : P004-BF002-01

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
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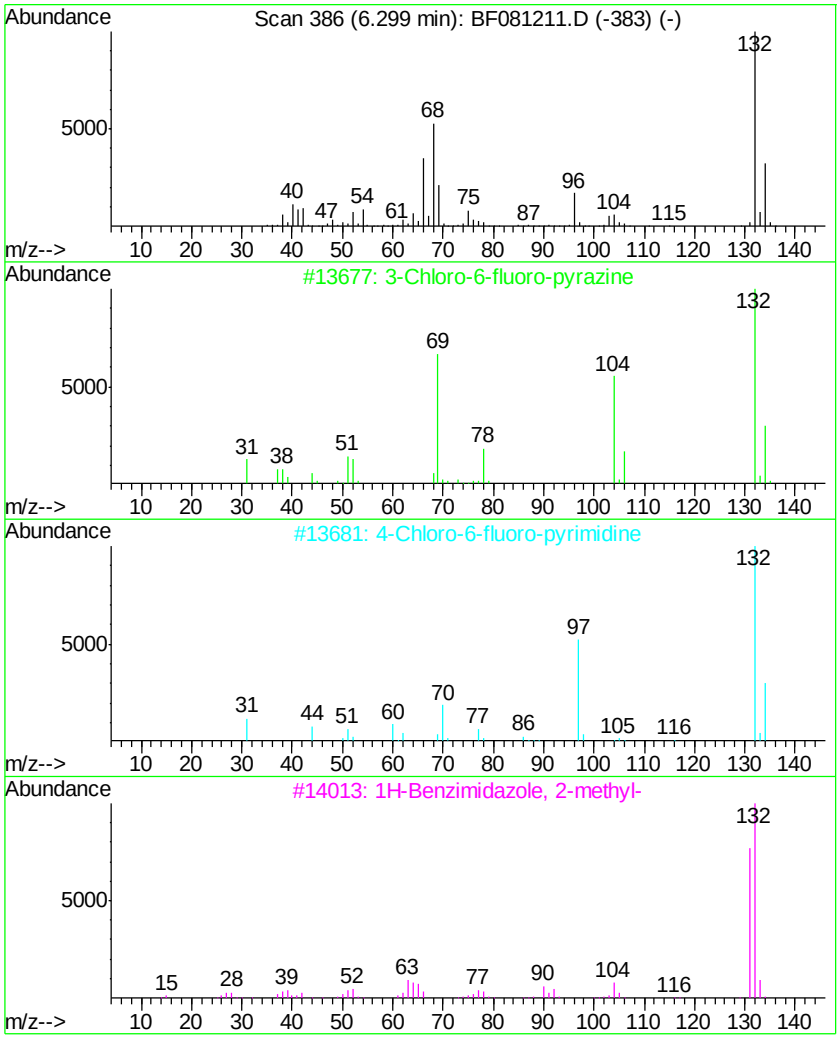
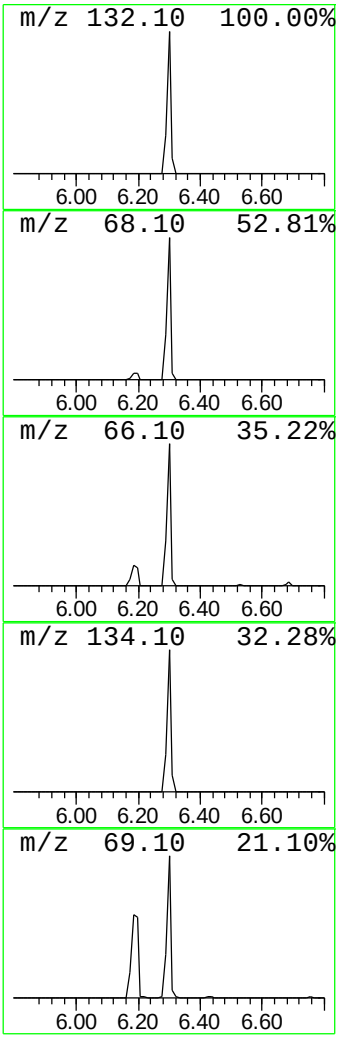
****

Peak Number 3 unknown6.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	97.98 ng	2239990	1,4-Dichlorobenzene-d4	6.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10





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ClientSampleId : P004-BF002-01

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

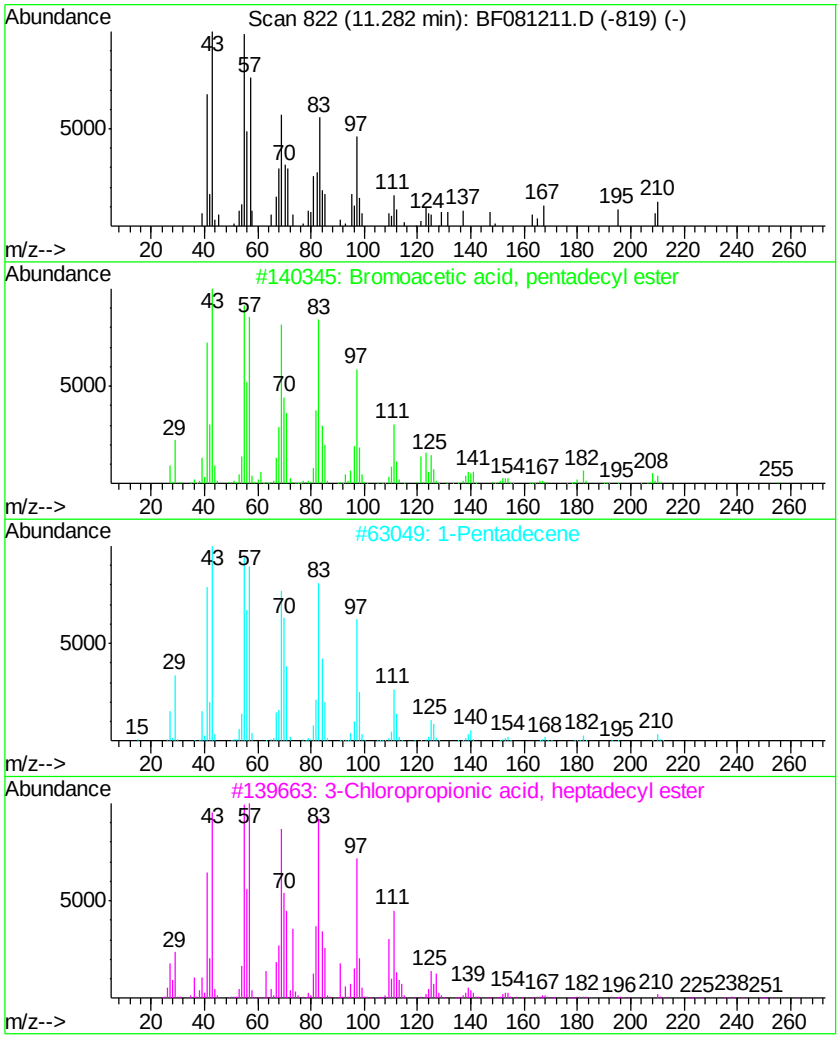
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

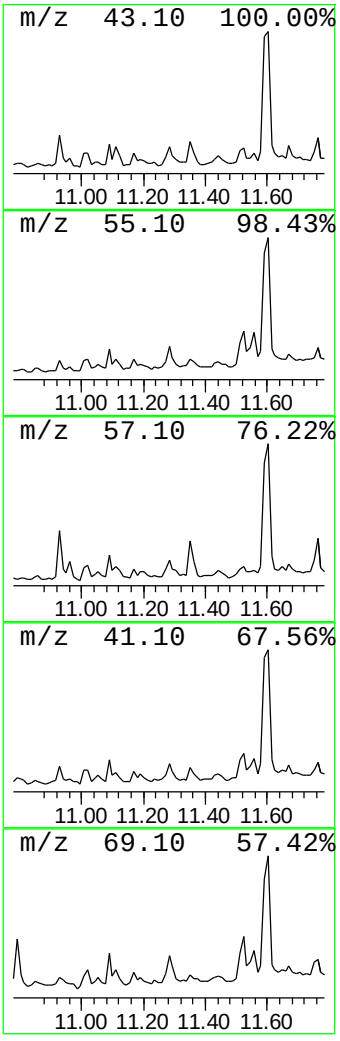
****

Peak Number 5 Bromoacetic acid, pentadecy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	2.80 ng	117236	Phenanthrene-d10	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	87
2	1-Pentadecene	210	C15H30	013360-61-7	87
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	76
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	74
5	1-Hexacosanol	382	C26H54O	000506-52-5	74





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
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Acq On : 25 Aug 2015 21:39
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Sample : G3407-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P004-BF002-01

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

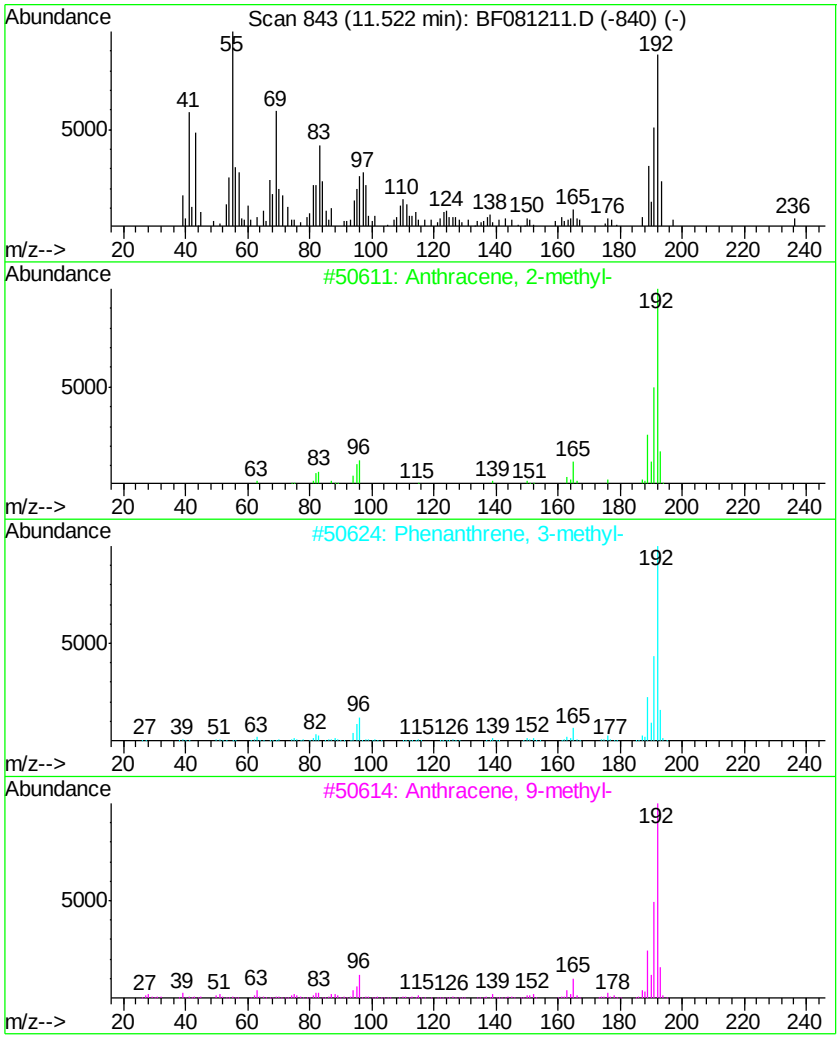
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

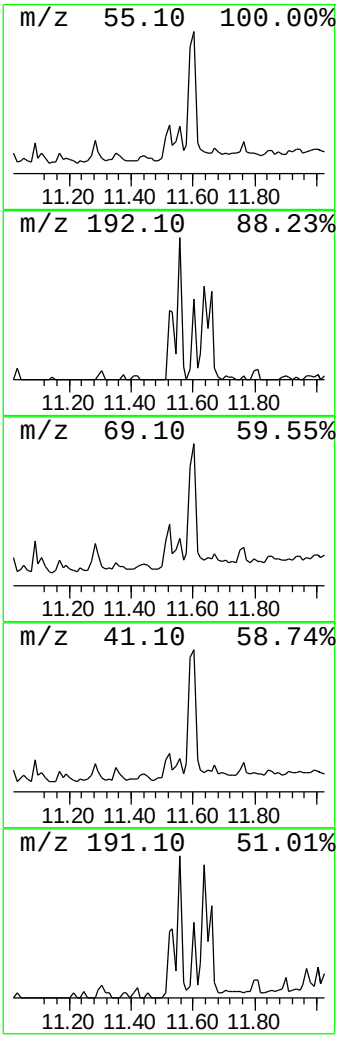
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	4.71 ng	197414	Phenanthrene-d10	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	55
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	49
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	49
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081211.D
Acq On : 25 Aug 2015 21:39
Operator : UM/IZ
Sample : G3407-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P004-BF002-01

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

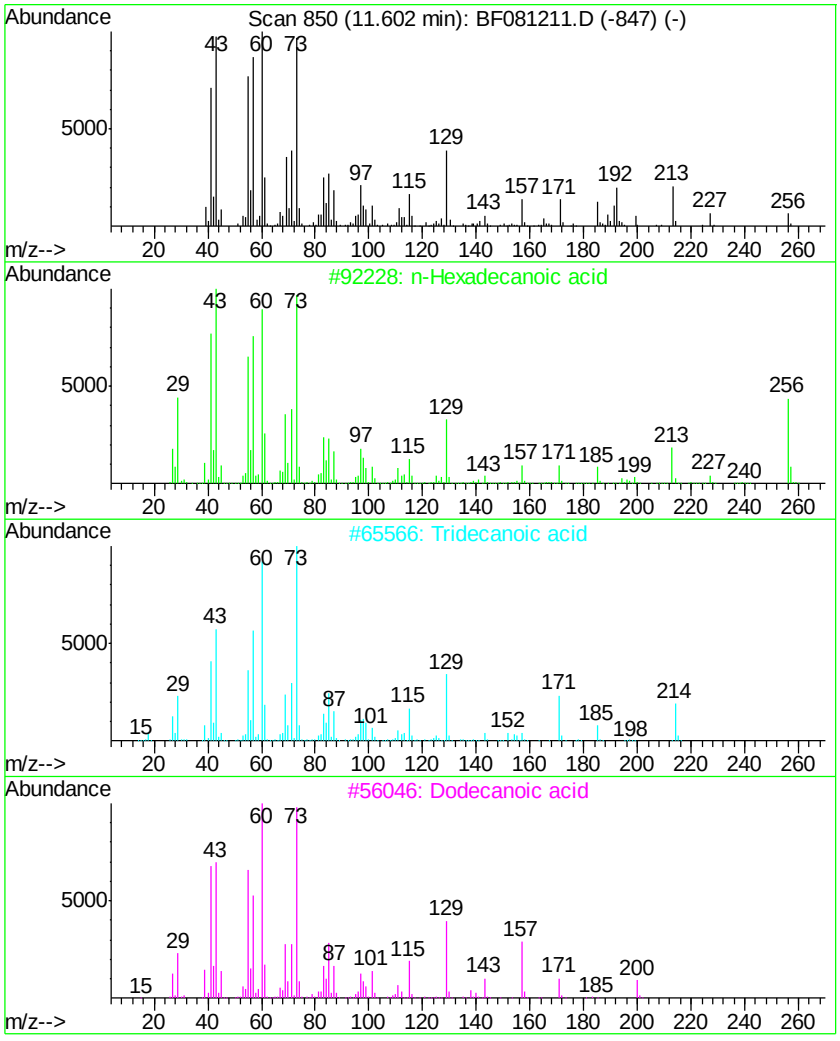
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

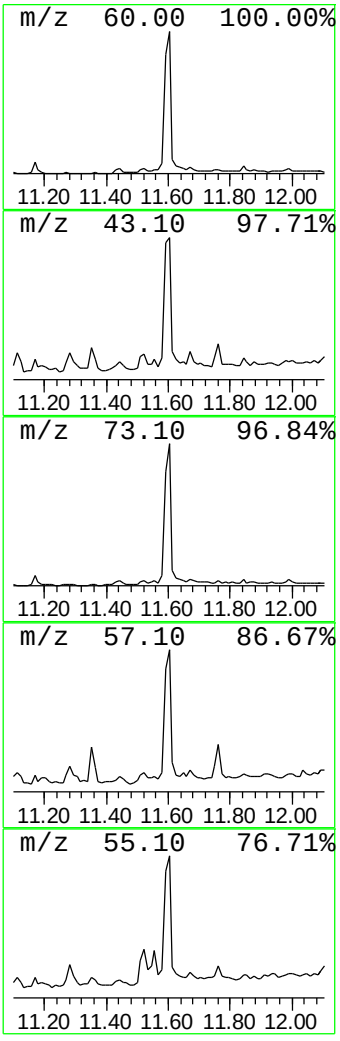
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	14.36 ng	601415	Phenanthrene-d10	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	Dodecanoic acid	200	C12H24O2	000143-07-7	60
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





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Acq On : 25 Aug 2015 21:39
Operator : UM/IZ
Sample : G3407-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P004-BF002-01

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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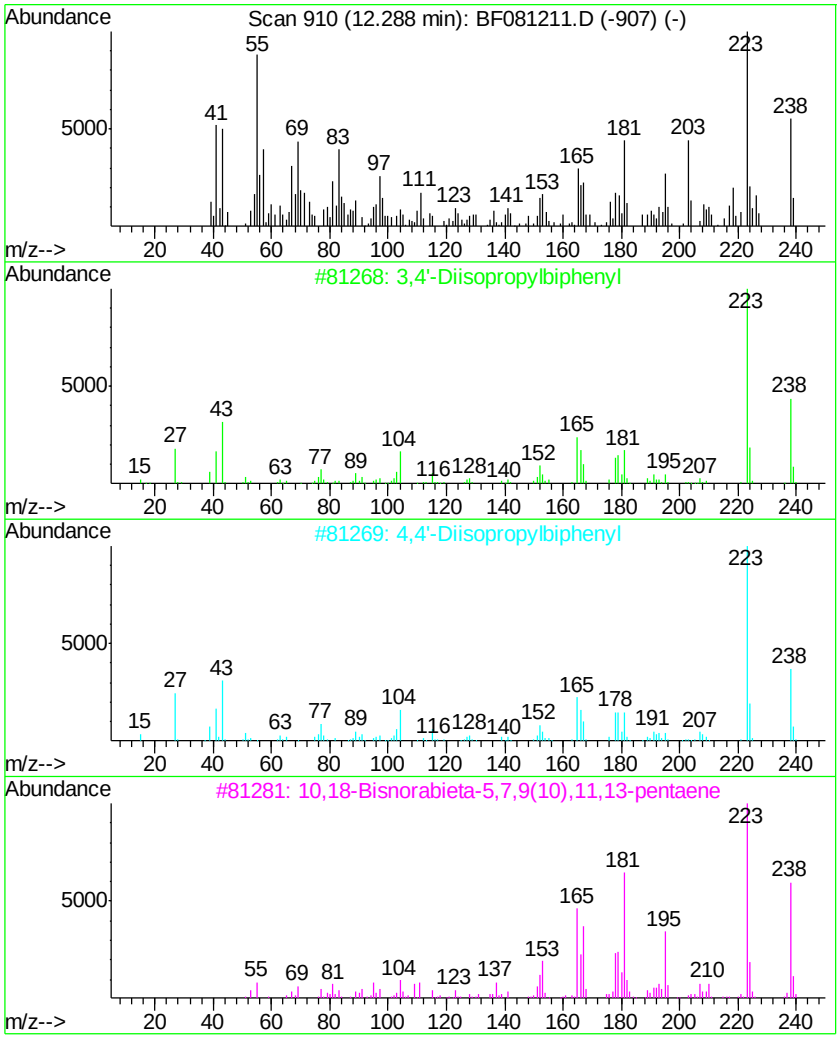
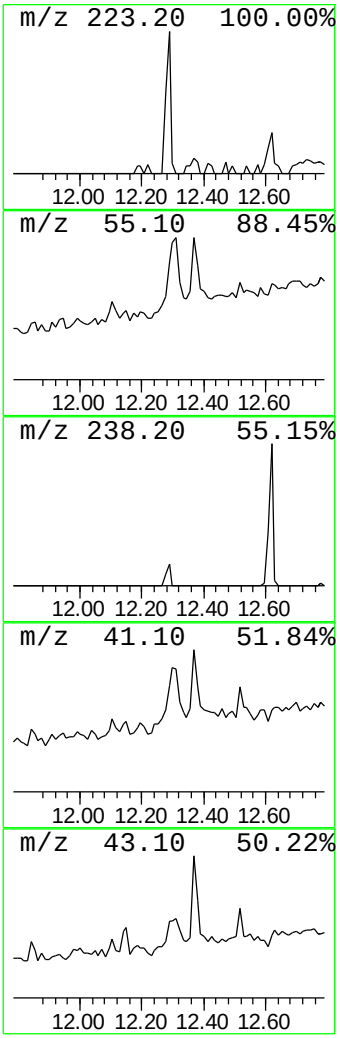
Peak Number 8 3,4'-Diisopropylbiphenyl Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	4.61 ng	193041	Phenanthrene-d10	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	86
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	70
3	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	55
4	4-(Hydroxymethyl)-5,7-dimethoxy-...	238	C12H14O5	098567-45-4	53
5	3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	49





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Acq On : 25 Aug 2015 21:39
Operator : UM/IZ
Sample : G3407-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P004-BF002-01

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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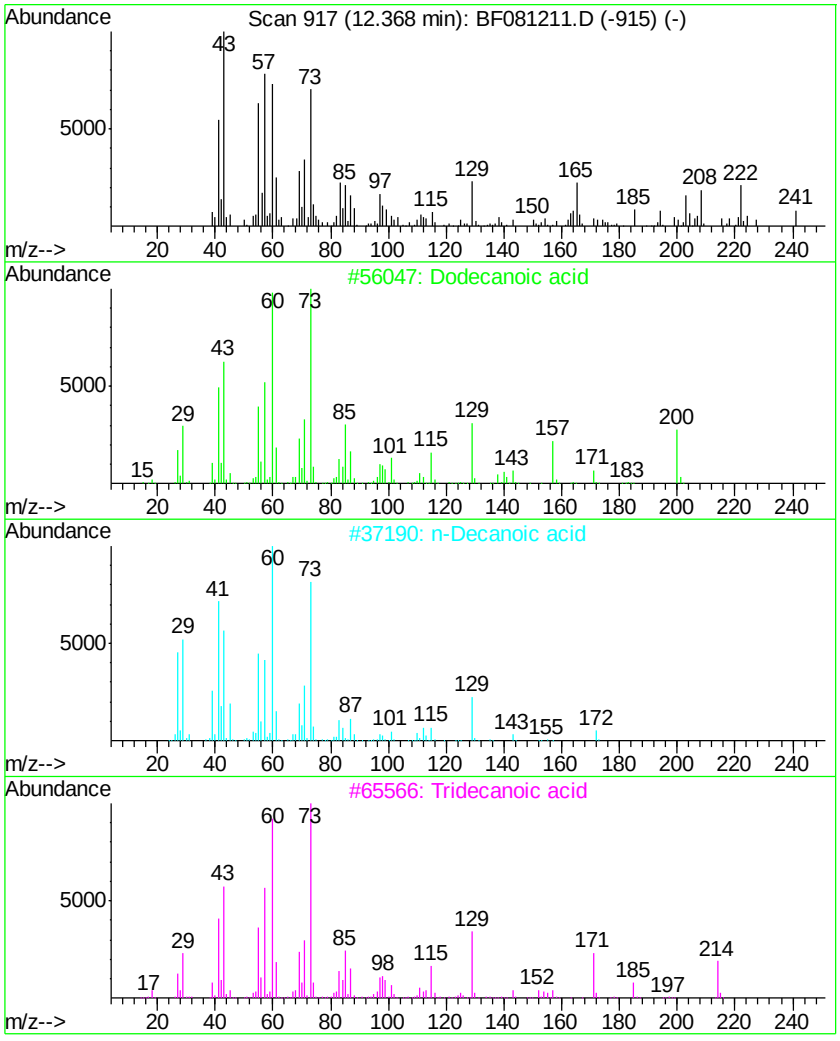
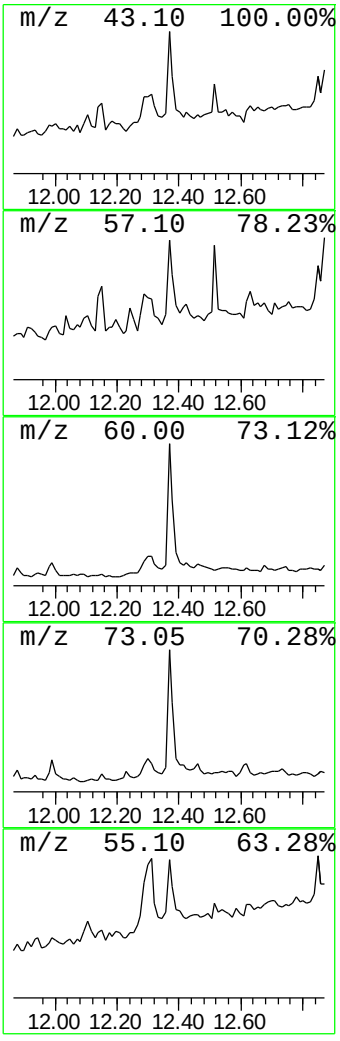
Peak Number 9 Dodecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	3.05 ng	164854	Chrysene-d12	13.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	53
2	n-Decanoic acid	172	C10H20O2	000334-48-5	50
3	Tridecanoic acid	214	C13H26O2	000638-53-9	47
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
5	Undecanoic acid	186	C11H22O2	000112-37-8	38





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Operator : UM/IZ
Sample : G3407-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P004-BF002-01

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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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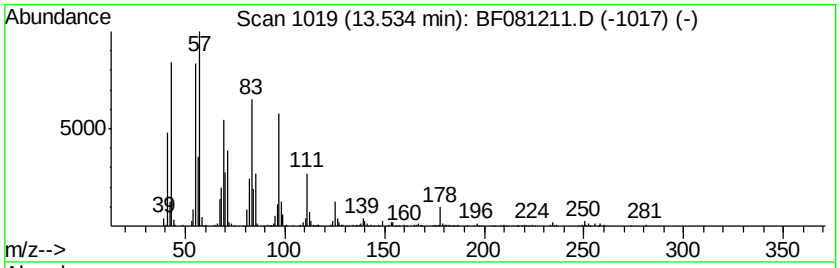
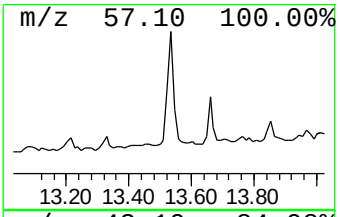
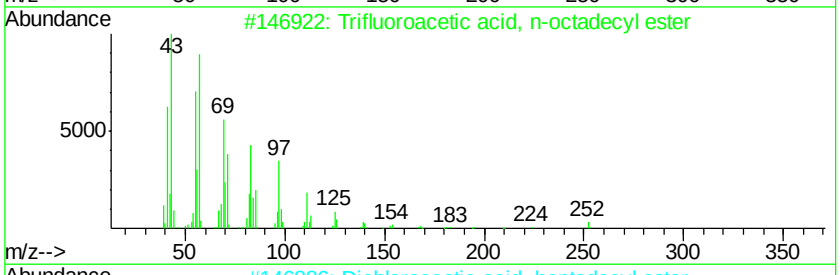
Peak Number 10 Trifluoroacetic acid, n-oct... Concentration Rank 15

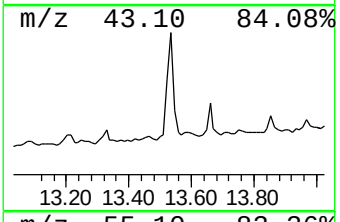
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	7.13 ng	385532	Chrysene-d12	13.65

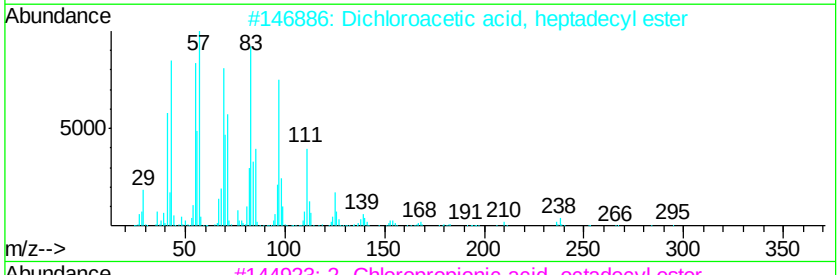
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	87
5	2- Bromopropionic acid, tetradec...	348	C17H33BrO2	086711-82-2	86

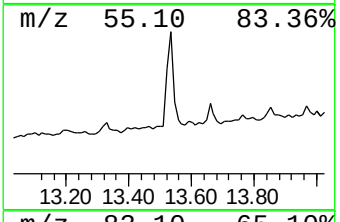


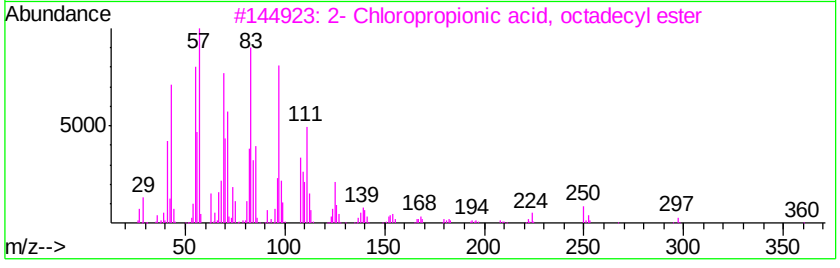


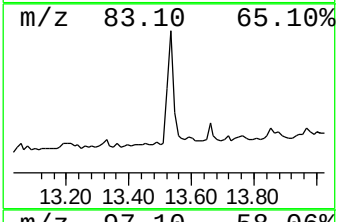


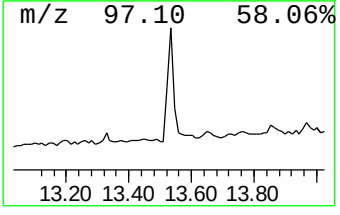












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Data File : BF081211.D
Acq On : 25 Aug 2015 21:39
Operator : UM/IZ
Sample : G3407-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P004-BF002-01

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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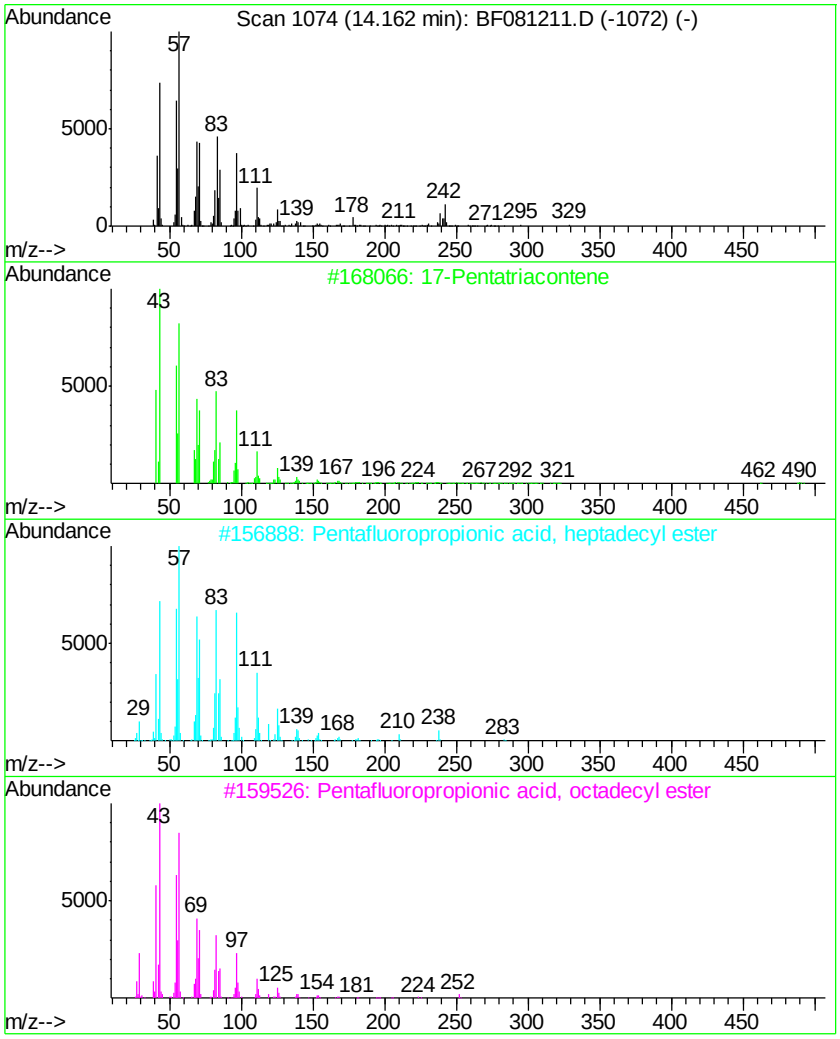
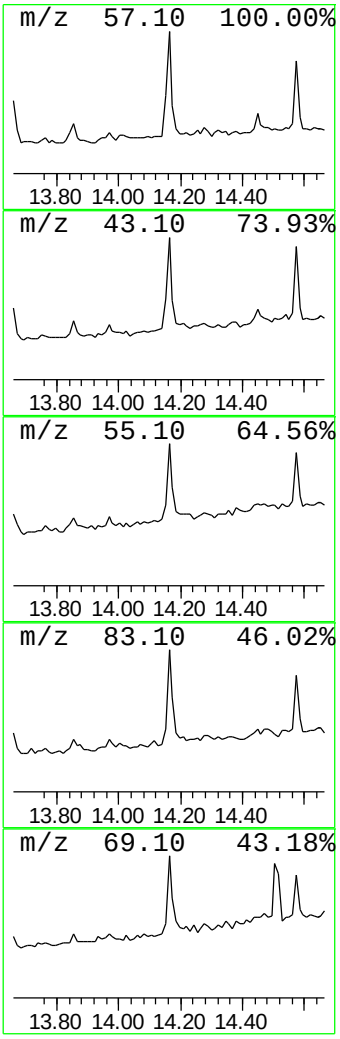
Peak Number 11 17-Pentatriacontene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	7.36 ng	398198	Chrysene-d12	13.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	83
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	74
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	68
4	Cyclohexadecane	224	C16H32	000295-65-8	58
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	58





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Operator : UM/IZ
Sample : G3407-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P004-BF002-01

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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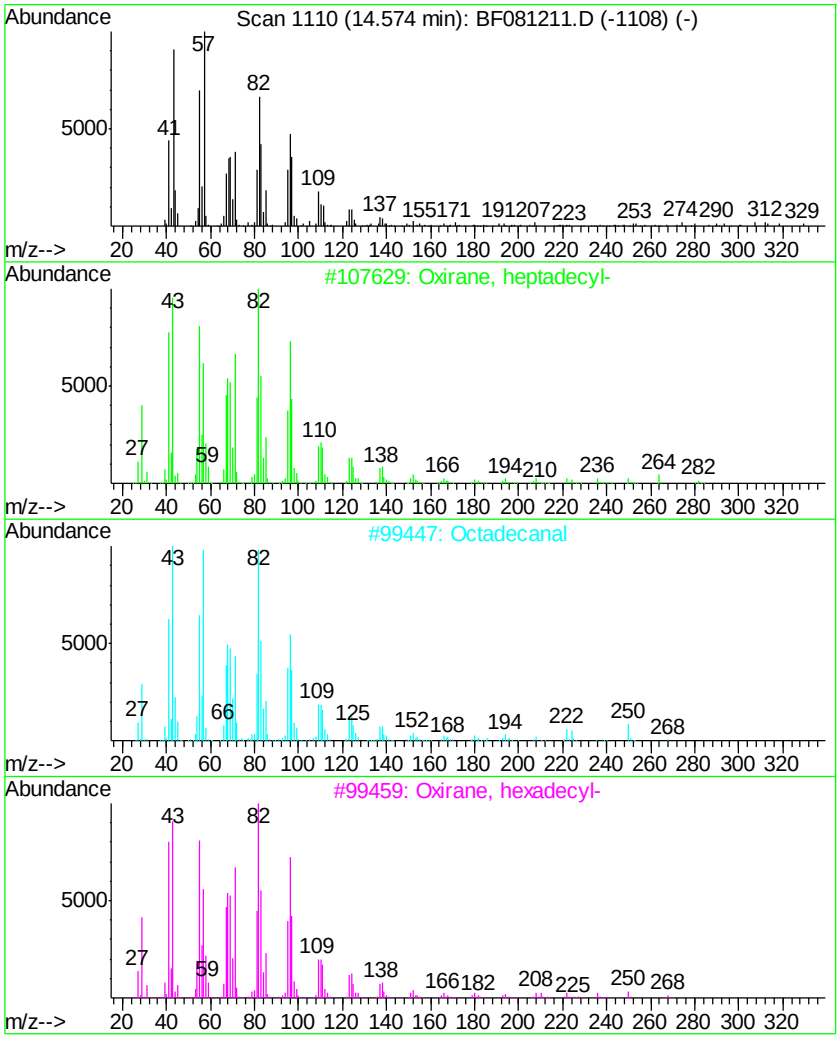
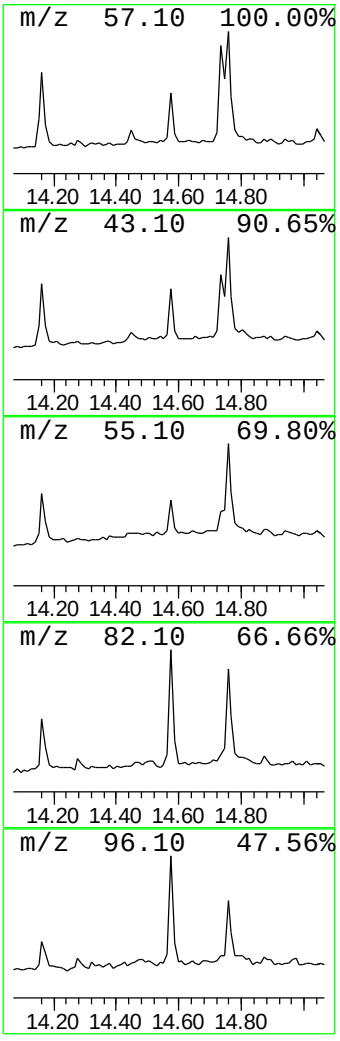
Peak Number 12 Oxirane, heptadecyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	11.62 ng	205819	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	13-Octadecenal	266	C18H34O	056554-90-6	91
5	Pentadecanal-	226	C15H30O	002765-11-9	91





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Operator : UM/IZ
Sample : G3407-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P004-BF002-01

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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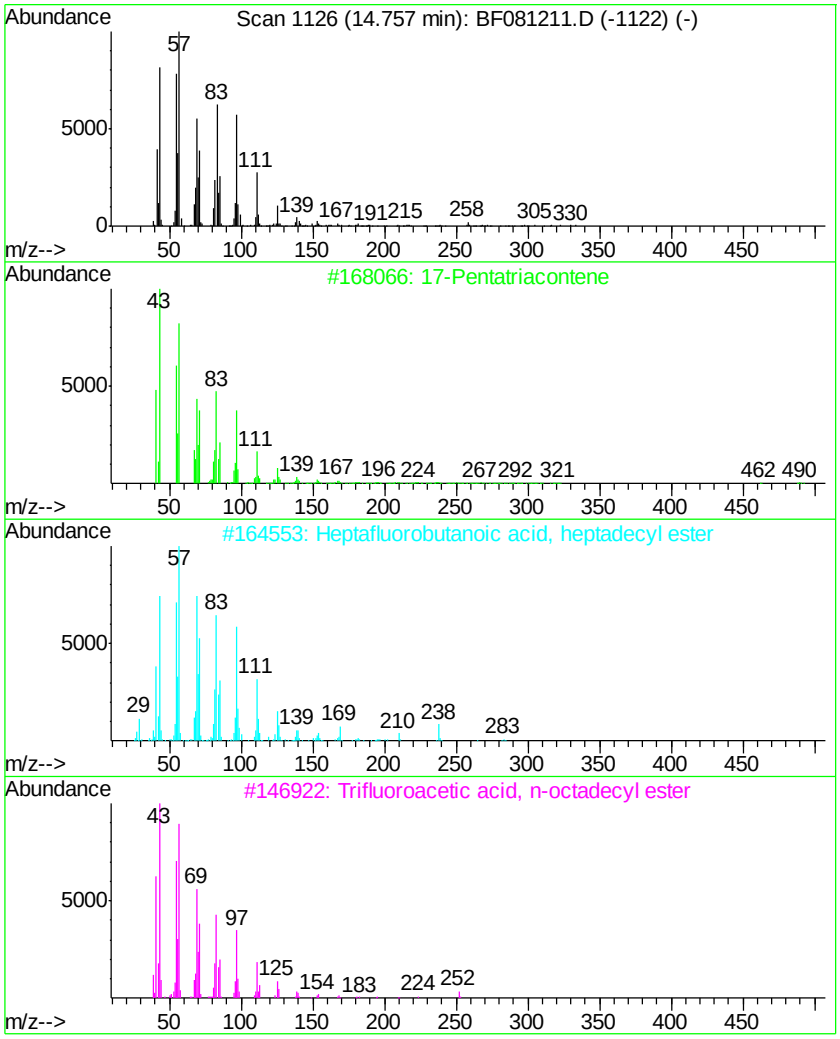
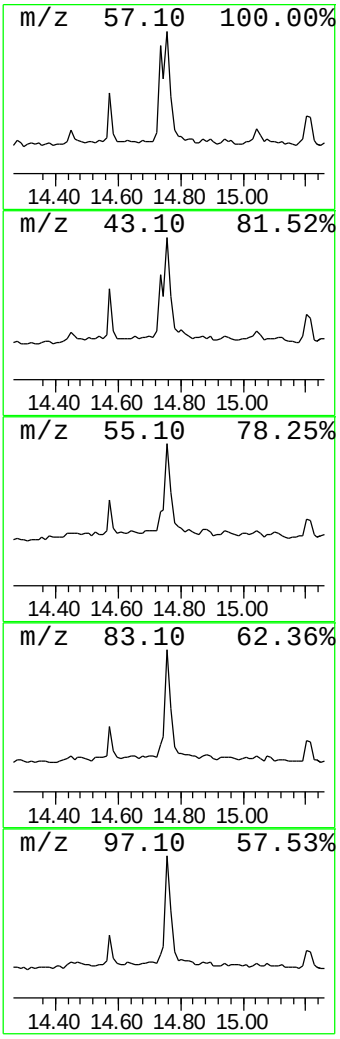
Peak Number 13 Heptafluorobutanoic acid, h... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	39.52 ng	700124	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	90
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	83
5	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	83





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ALS Vial : 15 Sample Multiplier: 1

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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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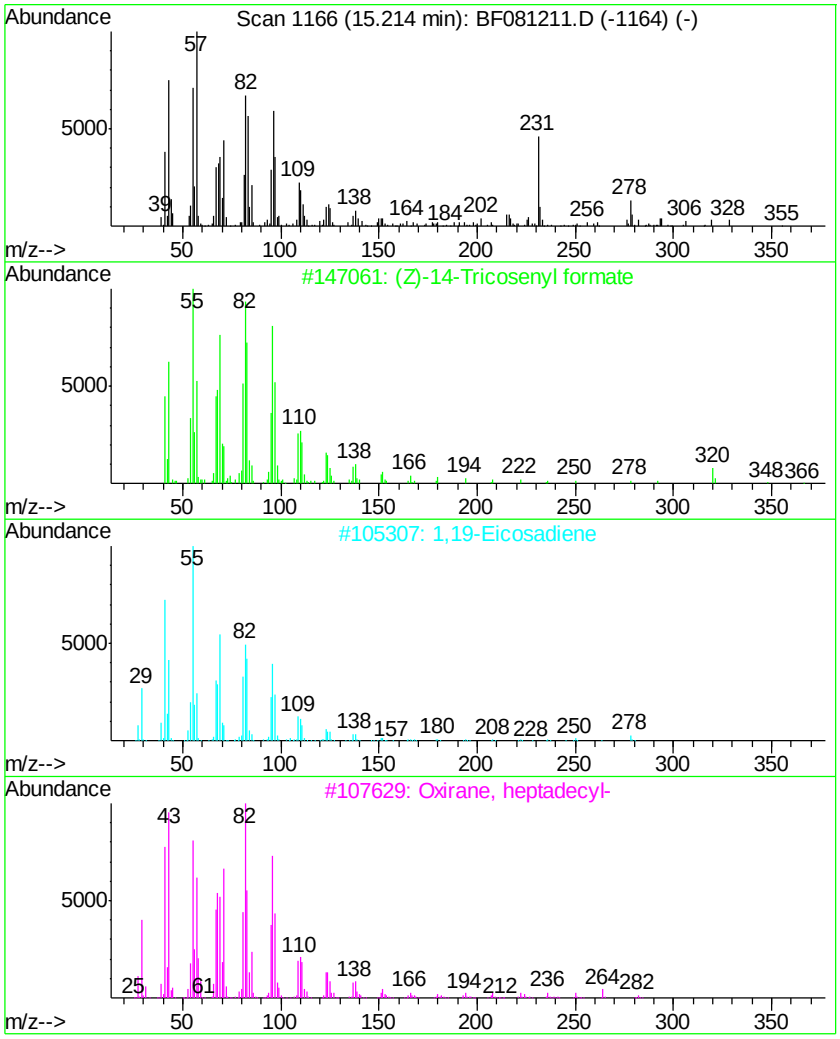
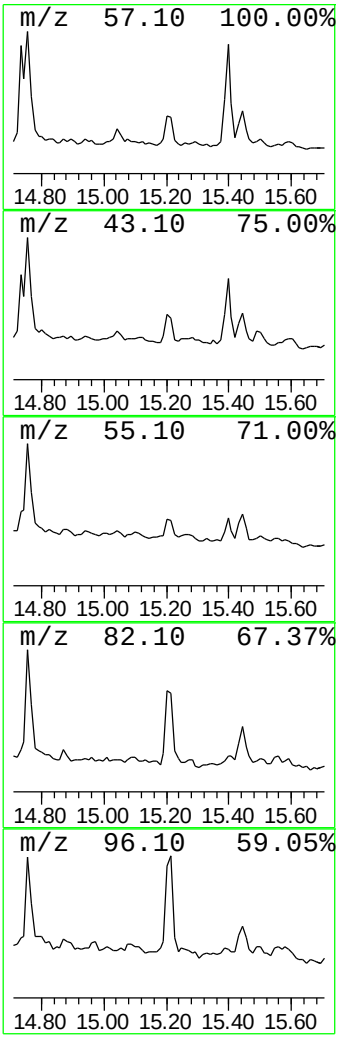
Peak Number 14 (Z)-14-Tricosenyl formate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	9.34 ng	165366	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	83
2	1,19-Eicosadiene	278	C20H38	014811-95-1	78
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	64
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	64
5	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	64





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

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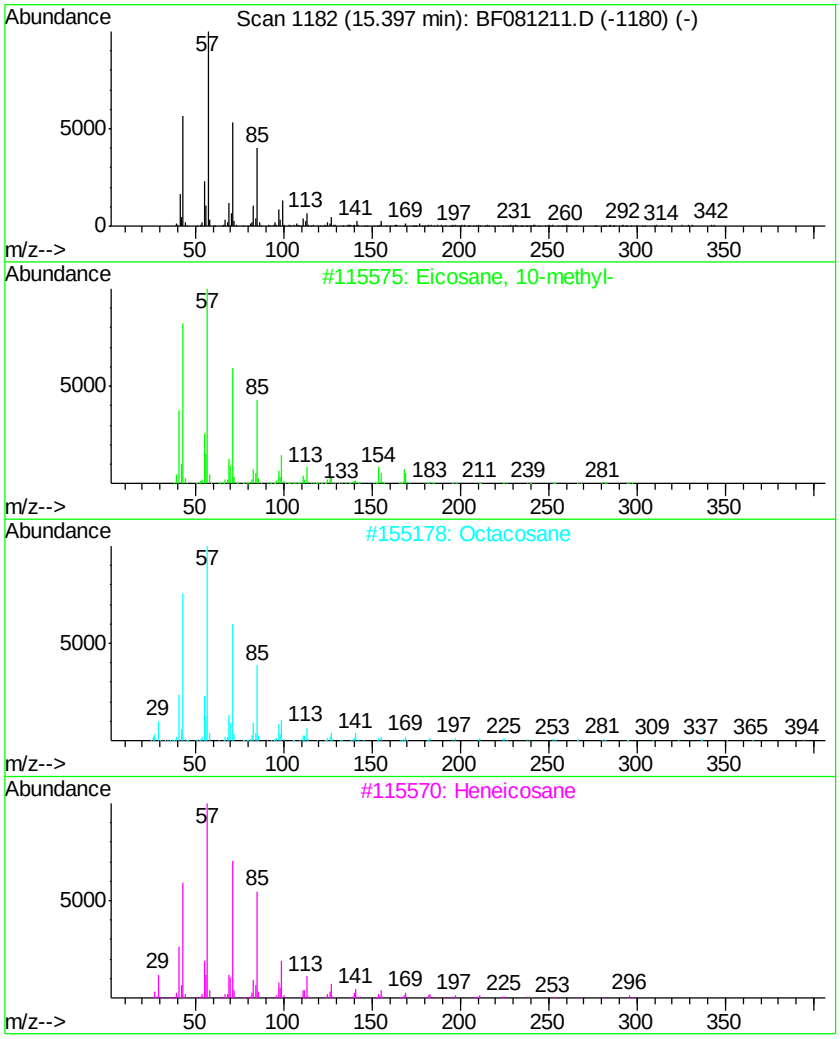
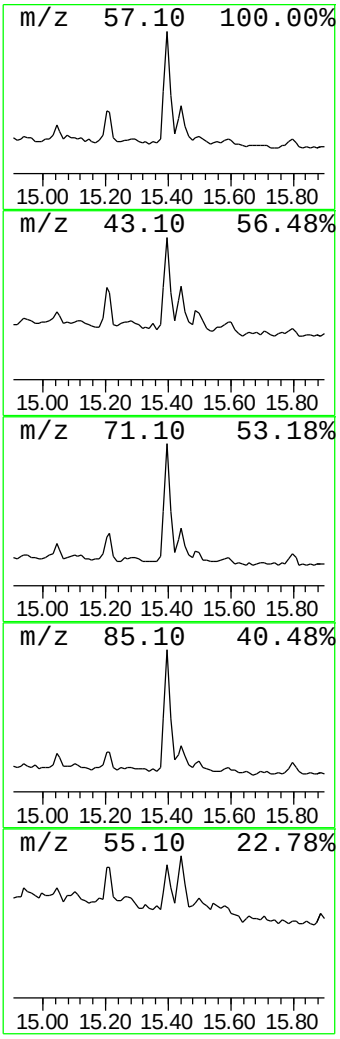
Peak Number 15 Eicosane, 10-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	15.92 ng	282021	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Pentacosane	352	C25H52	000629-99-2	90
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87





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Misc :
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ClientSampleId : P004-BF002-01

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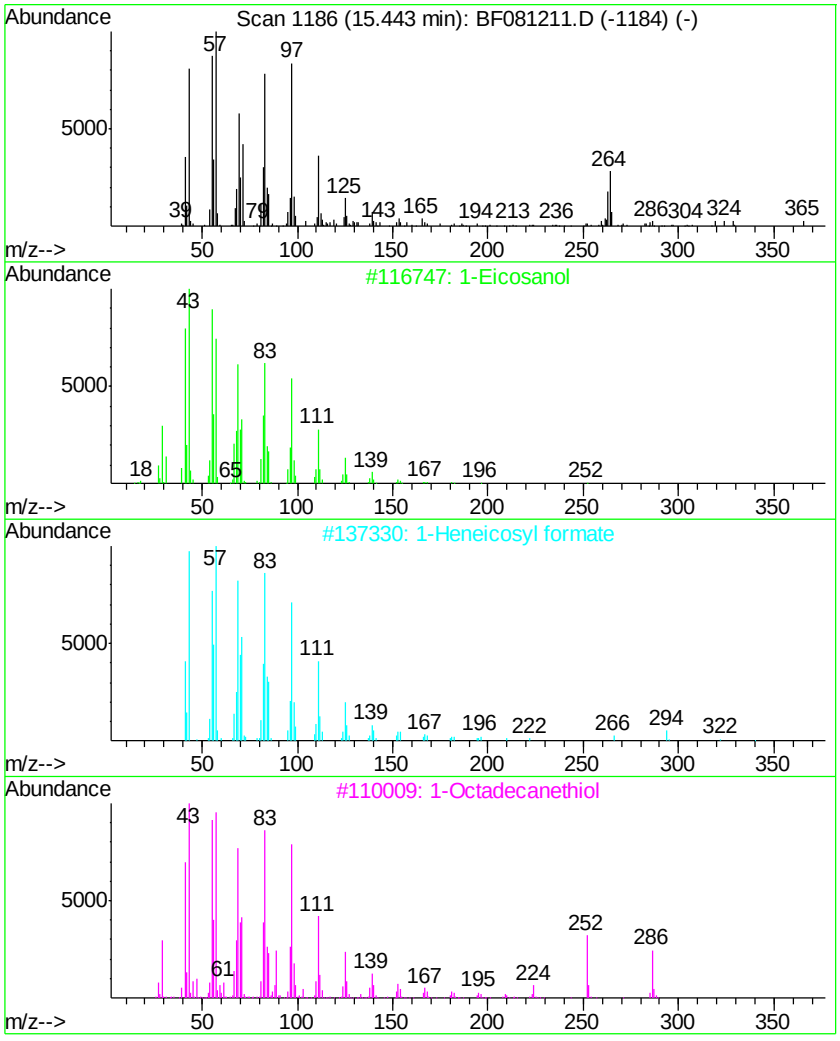
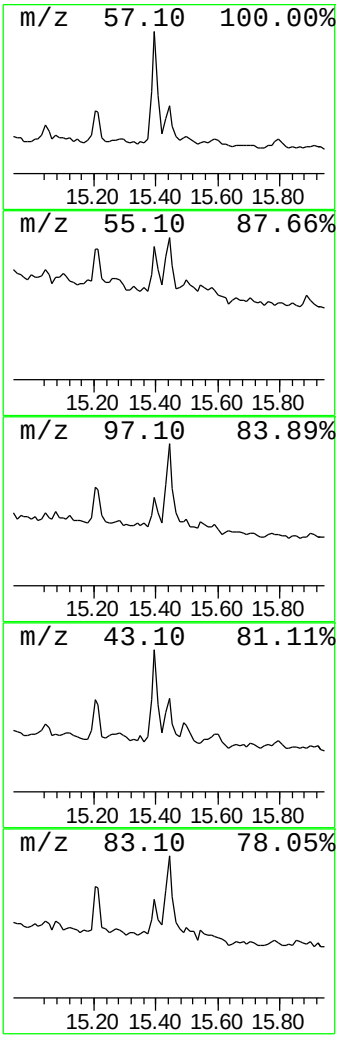
Peak Number 16 1-Eicosanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	12.11 ng	214529	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosanol	298	C20H42O	000629-96-9	58
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	49
3	1-Octadecanethiol	286	C18H38S	002885-00-9	43
4	10-Heneicosene (c,t)	294	C21H42	095008-11-0	43
5	Cyclotetracosane	336	C24H48	000297-03-0	41





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

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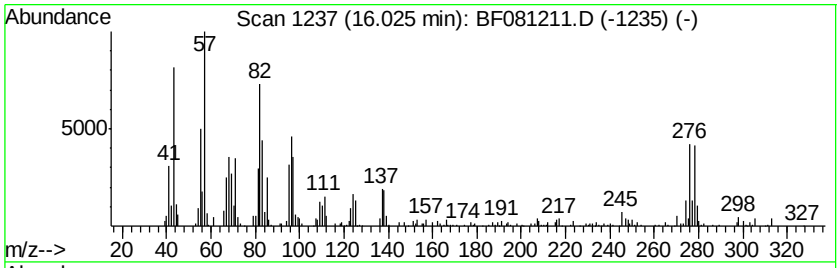
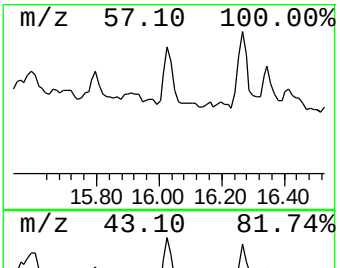
Peak Number 17 11-Tetradecyn-1-ol acetate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	9.54 ng	169038	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	64
2	11-Tetradecyn-1-ol acetate	252	C16H28O2	033925-72-3	55
3	1,19-Eicosadiene	278	C20H38	014811-95-1	49
4	E-2-Tetradecen-1-ol	212	C14H28O	1000130-83-7	49
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	49





Library Search Compound Report

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Data File : BF081211.D
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Operator : UM/IZ
Sample : G3407-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
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TIC Integration Parameters: LSCINT.P

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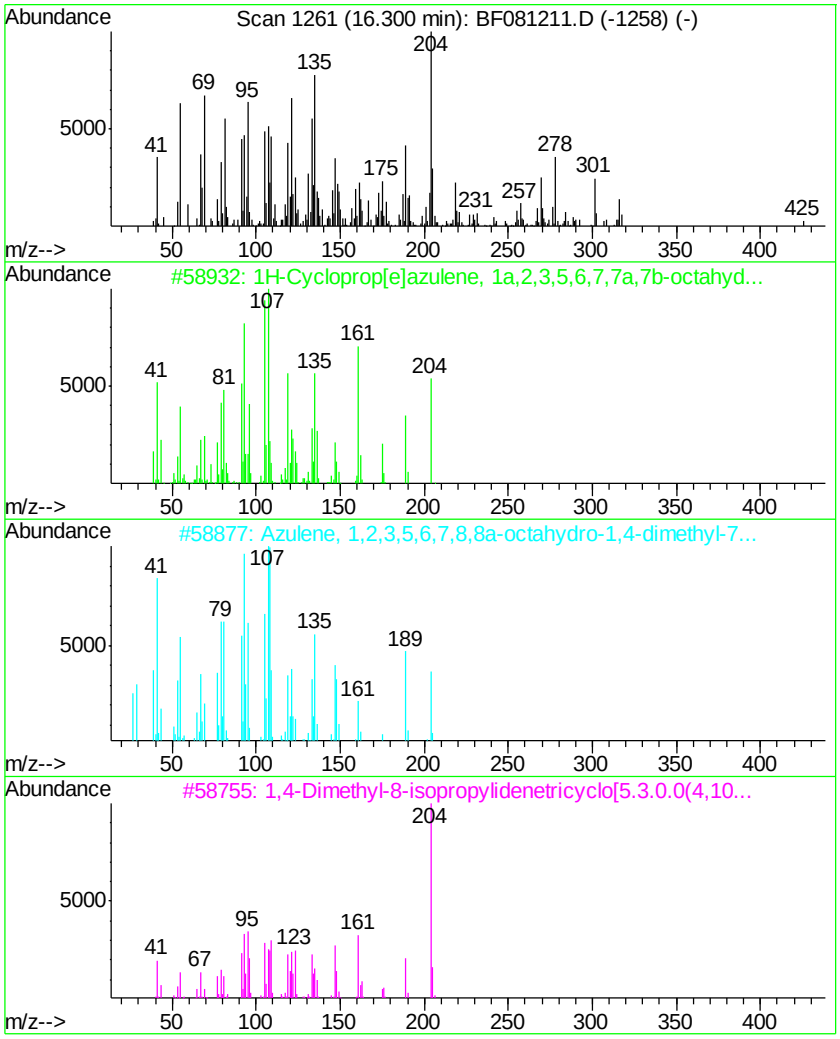
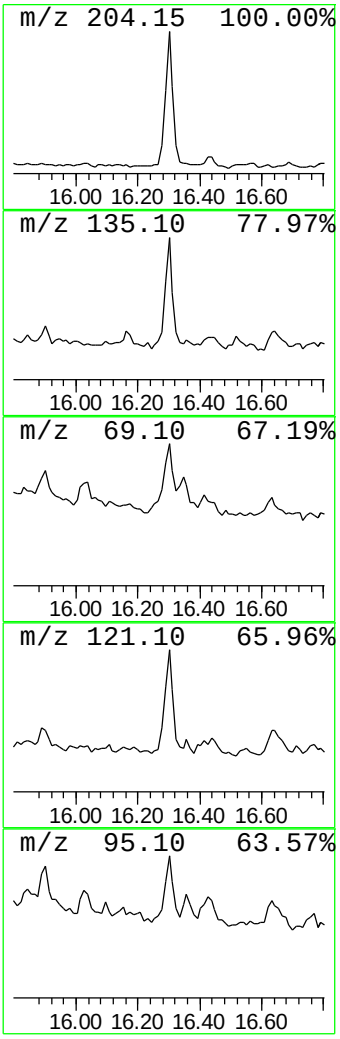
Peak Number 18 1H-Cycloprop[e]azulene, 1a,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	19.43 ng	344119	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	64
2	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	62
3	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	58
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	58
5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	53





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Data File : BF081211.D
Acq On : 25 Aug 2015 21:39
Operator : UM/IZ
Sample : G3407-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P004-BF002-01

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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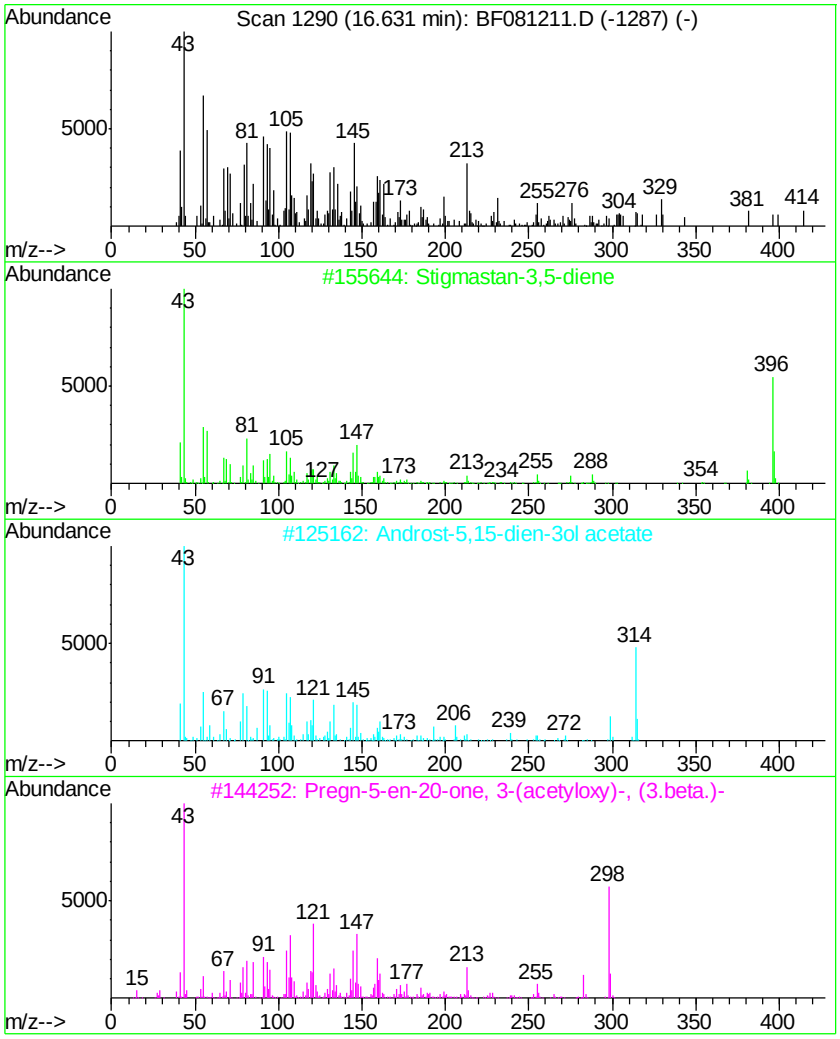
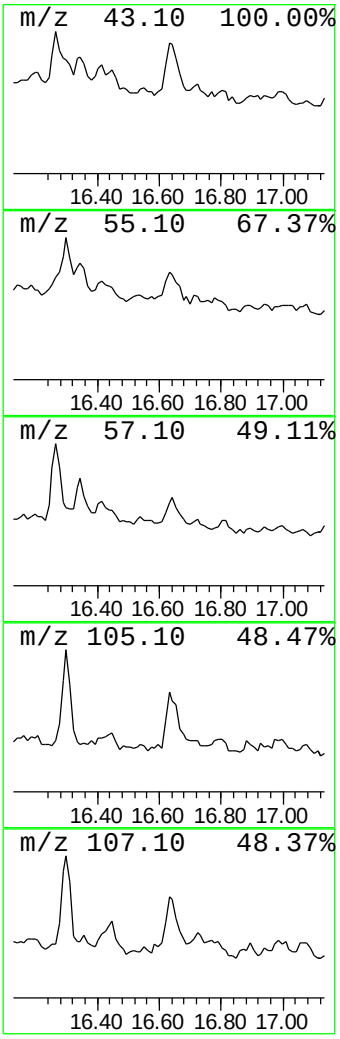
Peak Number 19 unknown16.63 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	18.08 ng	320271	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmastan-3,5-diene	396	C29H48	1000214-16-4	43
2	Androst-5,15-dien-3ol acetate	314	C21H30O2	1000251-88-0	41
3	Pregn-5-en-20-one, 3-(acetyloxy)...	358	C23H34O3	001778-02-5	17
4	Benzeneethanol, .alpha.-methyl-3...	178	C12H18O	054518-11-5	11
5	16,22-Epoxycholestan-3-ol	402	C27H46O2	1000252-58-8	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081211.D
Acq On : 25 Aug 2015 21:39
Operator : UM/IZ
Sample : G3407-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P004-BF002-01

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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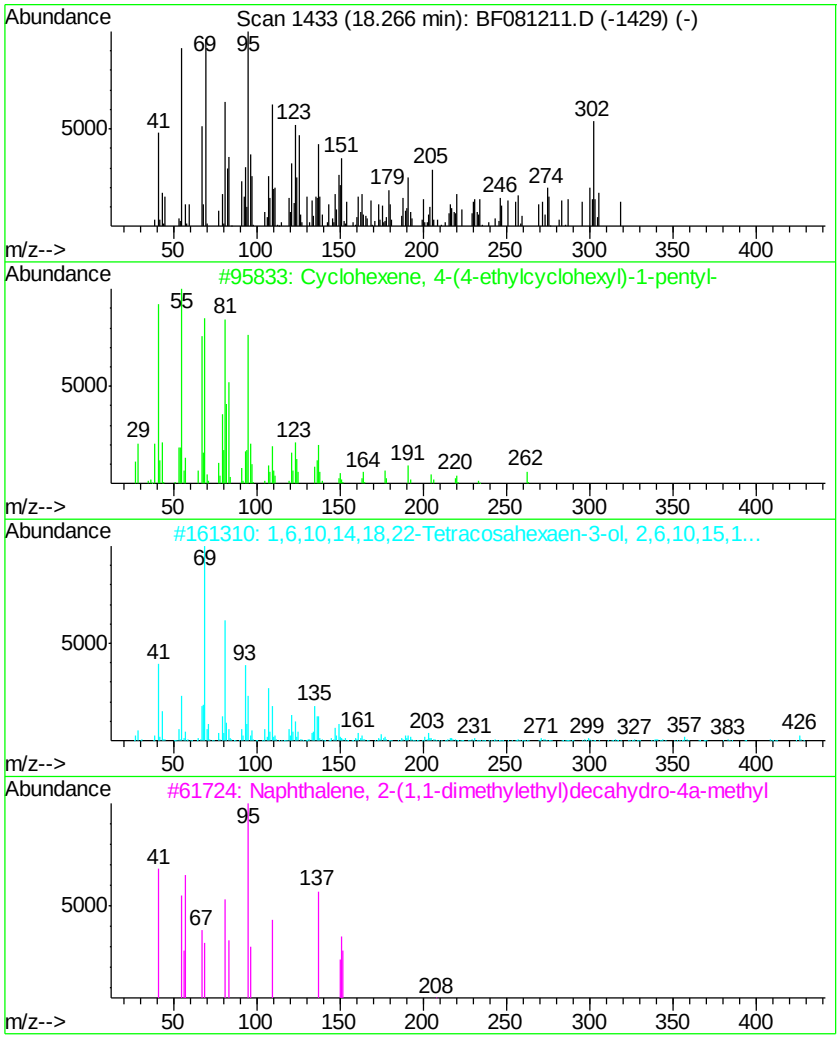
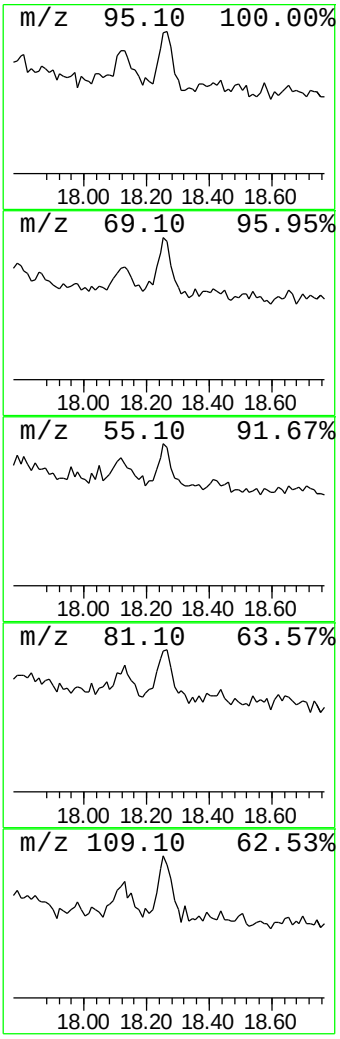
Peak Number 20 unknown18.27 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	15.95 ng	282502	Perylene-d12	14.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-(4-ethylcyclohexy...	262	C19H34	301643-32-3	38
2	1,6,10,14,18,22-Tetracosahexaen-...	426	C30H50O	054159-46-5	35
3	Naphthalene, 2-(1,1-dimethylethy...	208	C15H28	054934-96-2	25
4	2(1H)-Pyridinone, 1-isopropyl-	137	C8H11NO	022973-00-8	18
5	Imidazole-5-carboxylic amide, N-...	125	C5H7N3O	053525-55-6	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081211.D
Acq On : 25 Aug 2015 21:39
Operator : UM/IZ
Sample : G3407-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P004-BF002-01

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
1,3-Dioxolane, 2,...	2.21	2.6	ng	60632	1	6.53	457242	20.0
2-Pentanone, 4-hy...	4.64	78.4	ng	1791650	1	6.53	457242	20.0
unknown6.30	6.30	98.0	ng	2239990	1	6.53	457242	20.0
Bromoacetic acid,...	11.28	2.8	ng	117236	4	11.03	837496	20.0
Anthracene, 2-met...	11.52	4.7	ng	197414	4	11.03	837496	20.0
n-Hexadecanoic acid	11.60	14.4	ng	601415	4	11.03	837496	20.0
3,4'-Diisopropylb...	12.29	4.6	ng	193041	4	11.03	837496	20.0
Dodecanoic acid	12.37	3.0	ng	164854	5	13.65	1081790	20.0
Trifluoroacetic a...	13.53	7.1	ng	385532	5	13.65	1081790	20.0
17-Pentatriacontene	14.16	7.4	ng	398198	5	13.65	1081790	20.0
Oxirane, heptadecyl-	14.57	11.6	ng	205819	6	14.99	354270	20.0
Heptafluorobutano...	14.76	39.5	ng	700124	6	14.99	354270	20.0
(Z)-14-Tricosenyl...	15.21	9.3	ng	165366	6	14.99	354270	20.0
Eicosane, 10-methyl-	15.40	15.9	ng	282021	6	14.99	354270	20.0
1-Eicosanol	15.44	12.1	ng	214529	6	14.99	354270	20.0
11-Tetradecyn-1-o...	16.03	9.5	ng	169038	6	14.99	354270	20.0
1H-Cycloprop[e]az...	16.30	19.4	ng	344119	6	14.99	354270	20.0
unknown16.63	16.63	18.1	ng	320271	6	14.99	354270	20.0
unknown18.27	18.27	15.9	ng	282502	6	14.99	354270	20.0