LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
Data File : BF084937.D
Acq On : 8 Feb 2016 19:15
Operator : SJ/IZ
Sample : H1329-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B010(0-2)

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-BF020116.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	4.796	234	237	248	rVB	766785	1121822	29.64%	2.326%
2	5.242	274	276	279	rBV	3626218	3574596	94.44%	7.412%
3	6.305	366	369	371	rBV	3559222	3689498	97.48%	7.651%
4	6.419	376	379	381	rBV	4192711	3784846	100.00%	7.848%
5	6.647	397	399	401	rBV	1287781	1053317	27.83%	2.184%
6	6.807	410	413	415	rBV	3228839	3188472	84.24%	6.612%
7	7.219	446	449	451	rBV	2397930	2322551	61.36%	4.816%
8	7.345	455	460	466	rBV	87362	123517	3.26%	0.256%
9	7.550	474	478	482	rBV4	17955	55129	1.46%	0.114%
10	7.688	487	490	494	rBV	29568	47079	1.24%	0.098%
11	7.939	509	512	514	rBV	1353978	1426122	37.68%	2.957%
12	9.013	603	606	609	rBV	3840979	3735768	98.70%	7.747%
13	9.105	611	614	616	rBV	52274	66951	1.77%	0.139%
14	9.276	626	629	631	rBV	23819	40551	1.07%	0.084%
15	9.345	633	635	636	rVV	48304	49329	1.30%	0.102%
16	9.413	639	641	643	rVV	1358499	1154808	30.51%	2.395%
17	9.448	643	644	648	rVB4	29911	63108	1.67%	0.131%
18	9.539	651	652	654	rBV	53196	61411	1.62%	0.127%
19	9.631	658	660	662	rVV	129313	113895	3.01%	0.236%
20	9.688	662	665	666	rVV	1245860	1364863	36.06%	2.830%
21	9.711	666	667	669	rVB	101002	98162	2.59%	0.204%
22	9.882	676	682	684	rBV3	66896	144533	3.82%	0.300%
23	9.951	687	688	690	rVB2	44620	40881	1.08%	0.085%
24	9.996	690	692	694	rBV2	30838	67372	1.78%	0.140%
25	10.099	698	701	702	rBV	65916	97562	2.58%	0.202%
26	10.133	702	704	705	rVB	137037	135066	3.57%	0.280%
27	10.179	705	708	710	rBV3	18015	48718	1.29%	0.101%
28	10.225	710	712	716	rVB	104576	97933	2.59%	0.203%
29	10.293	716	718	721	rBV3	35793	56225	1.49%	0.117%
30	10.351	721	723	724	rBV	71321	91785	2.43%	0.190%
31	10.385	724	726	729	rVB2	54288	80407	2.12%	0.167%
32	10.465	731	733	736	rBV2	1370901	1712663	45.25%	3.551%
33	10.602	743	745	748	rVB	204077	269437	7.12%	0.559%
34	10.774	757	760	761	rBV2	33855	54521	1.44%	0.113%

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Instrument : BNA_F
ClientSampleId : S4-B010(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.899	769	771	772	rBV2	30499	58367	1.54%	0.121%
36	10.922	772	773	776	rVB3	44213	45333	1.20%	0.094%
37	10.968	776	777	779	rVB2	60241	54702	1.45%	0.113%
38	11.014	779	781	782	rBV	48828	60152	1.59%	0.125%
39	11.048	782	784	786	rBV2	143065	144985	3.83%	0.301%
40	11.162	791	794	798	rBV2	1354142	2120641	56.03%	4.397%
41	11.231	798	800	802	rVB	242943	281428	7.44%	0.584%
42	11.402	812	815	819	rBV4	48557	134022	3.54%	0.278%
43	11.471	819	821	822	rBV2	87008	107105	2.83%	0.222%
44	11.665	835	838	839	rBV	136409	155071	4.10%	0.322%
45	11.688	839	840	843	rVB	216120	183544	4.85%	0.381%
46	11.734	843	844	846	rBV	99363	103208	2.73%	0.214%
47	11.768	846	847	853	rVB	253466	378157	9.99%	0.784%
48	11.848	853	854	855	rBV	38402	41440	1.09%	0.086%
49	11.882	855	857	861	rVB3	53300	69417	1.83%	0.144%
50	11.962	861	864	868	rBV2	106978	234352	6.19%	0.486%
51	12.031	868	870	874	rBV3	42448	77184	2.04%	0.160%
52	12.111	874	877	878	rBV2	57358	95173	2.51%	0.197%
53	12.214	883	886	887	rBV	117561	152196	4.02%	0.316%
54	12.294	892	893	896	rBV	166236	181933	4.81%	0.377%
55	12.374	897	900	902	rBV	1202749	1368057	36.15%	2.837%
56	12.419	902	904	907	rBV4	113866	192969	5.10%	0.400%
57	12.511	910	912	915	rBV2	72913	153399	4.05%	0.318%
58	12.591	917	919	922	rBV	1153791	1523740	40.26%	3.160%
59	12.637	922	923	927	rVB3	56306	113982	3.01%	0.236%
60	12.717	928	930	931	rBV	89136	70509	1.86%	0.146%
61	12.751	931	933	935	rBV	2978613	2784642	73.57%	5.774%
62	12.819	935	939	940	rVV2	70096	66887	1.77%	0.139%
63	12.991	952	954	955	rBV	147406	133032	3.51%	0.276%
64	13.025	955	957	961	rVV3	182560	272512	7.20%	0.565%
65	13.117	963	965	967	rVV	140135	168722	4.46%	0.350%
66	13.151	967	968	970	rVB	104074	94062	2.49%	0.195%
67	13.288	978	980	981	rBV	119157	136135	3.60%	0.282%
68	13.540	1000	1002	1003	rBV	140202	166198	4.39%	0.345%
69	13.791	1021	1024	1029	rBV2	1142016	1934019	51.10%	4.010%
70	14.557	1089	1091	1092	rBV	134540	167595	4.43%	0.348%
71	14.785	1109	1111	1115	rVB	477077	907496	23.98%	1.882%

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.048	1132	1134	1137	rVV	253079	352808	9.32%	0.732%
73	15.105	1137	1139	1142	rVV	454899	562324	14.86%	1.166%
74	15.163	1142	1144	1151	rVB2	652029	1019583	26.94%	2.114%
75	15.757	1194	1196	1203	rVB3	192311	421178	11.13%	0.873%
76	16.123	1226	1228	1235	rVB2	144000	355977	9.41%	0.738%
77	16.431	1252	1255	1259	rVB	162311	312517	8.26%	0.648%
78	16.808	1285	1288	1292	rVB	134116	234563	6.20%	0.486%

Sum of corrected areas: 48224214

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
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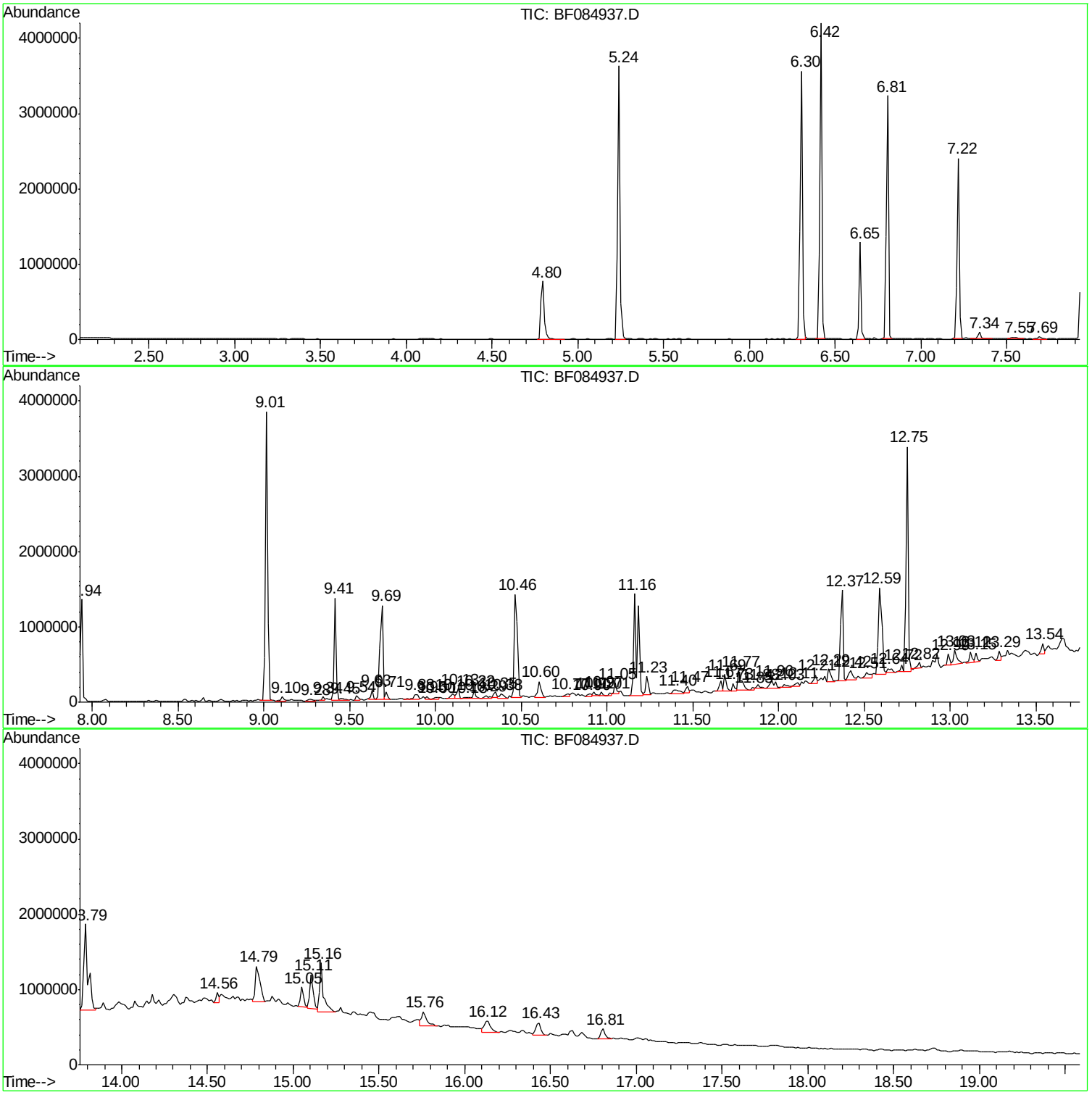
Operator : SJ/IZ
Sample : H1329-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B010(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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\BF020816\
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Sample : H1329-12
Misc :
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Instrument : BNA_F
ClientSampleId : S4-B010(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

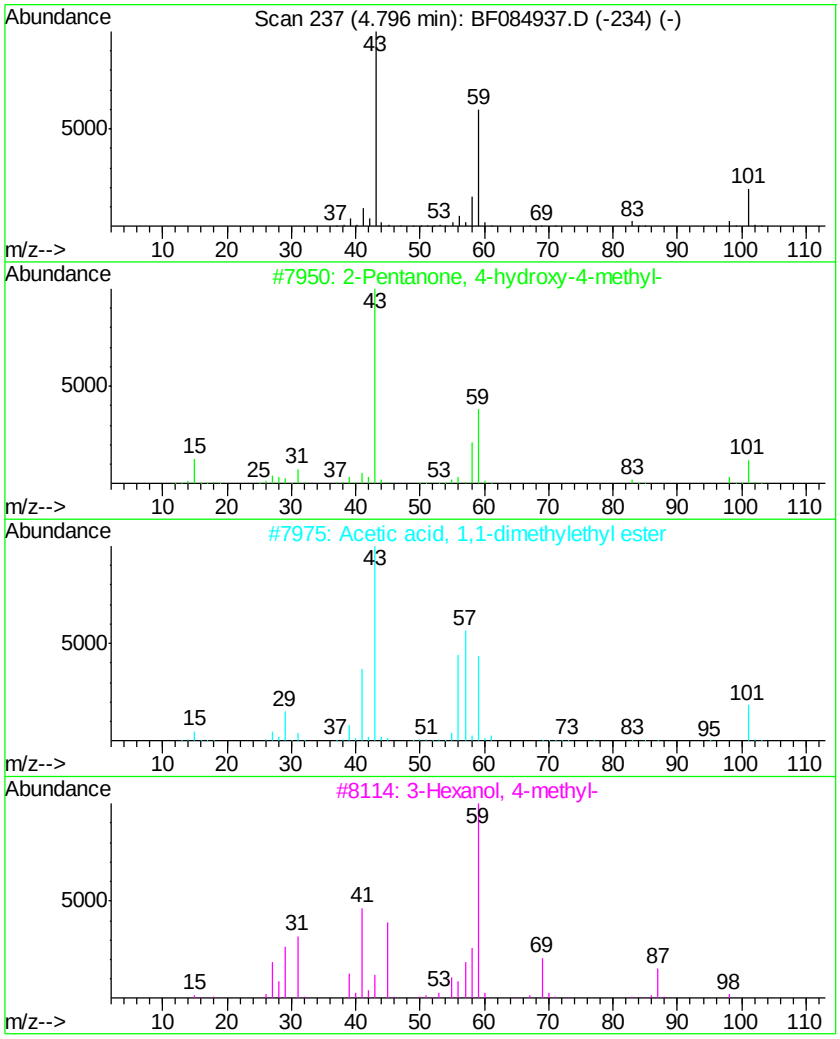
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

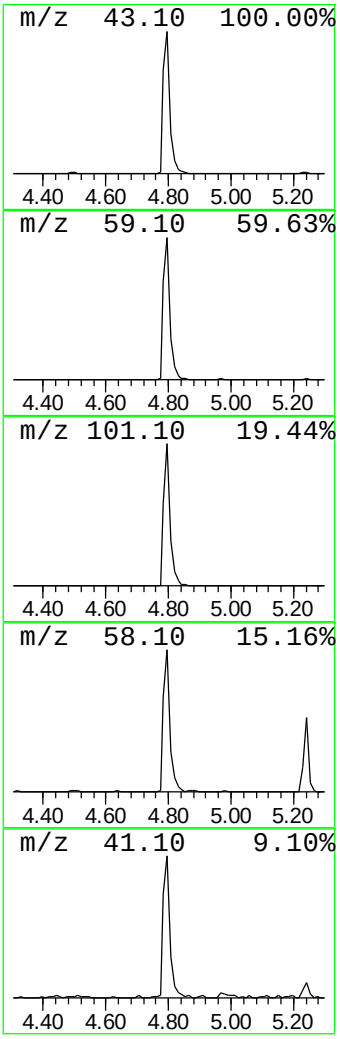
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	21.30 ng	1121820	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

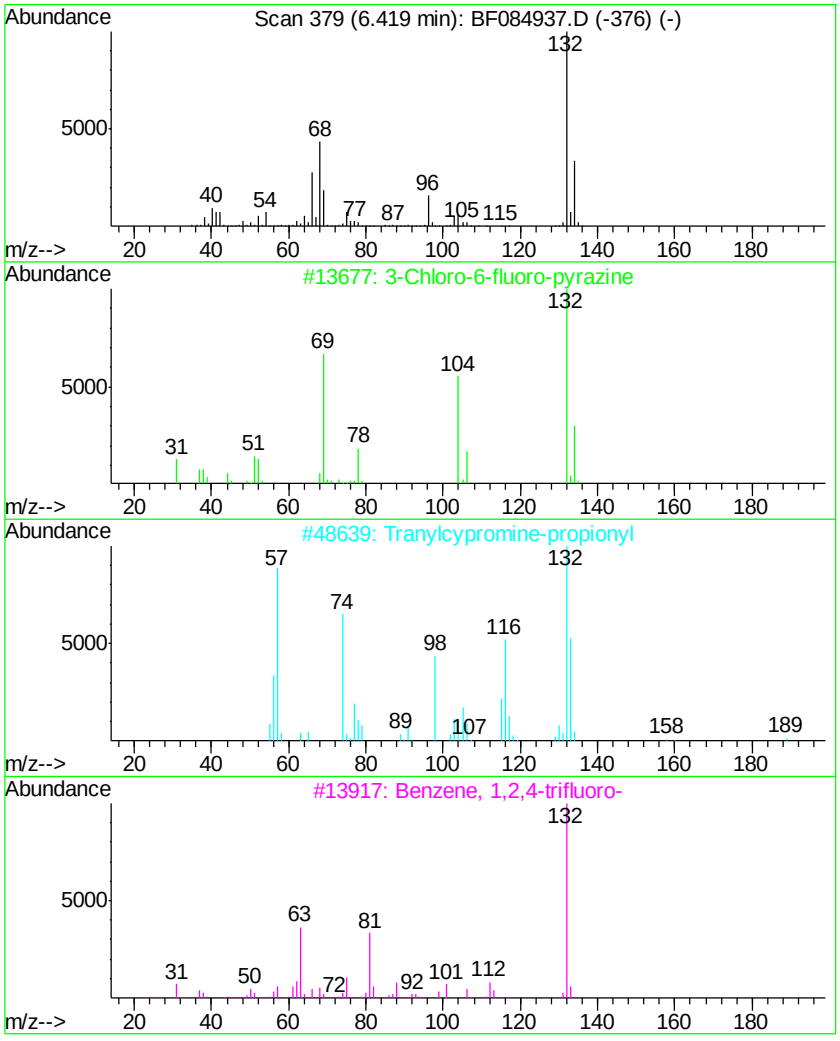
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

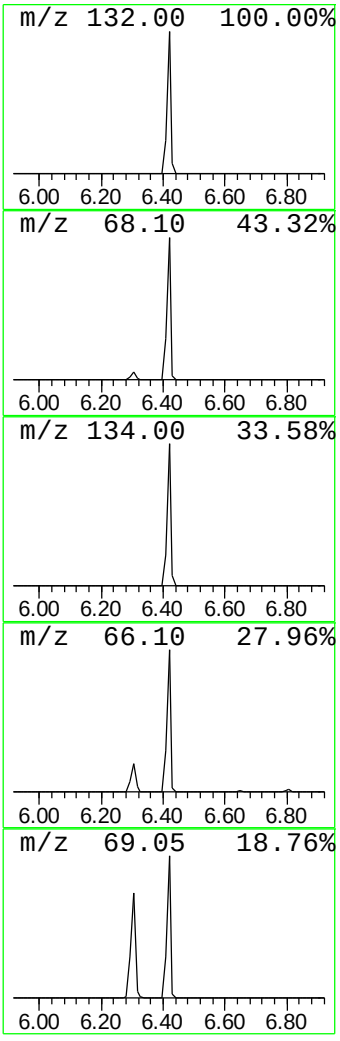
****

Peak Number 2 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	71.87 ng	3784850	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
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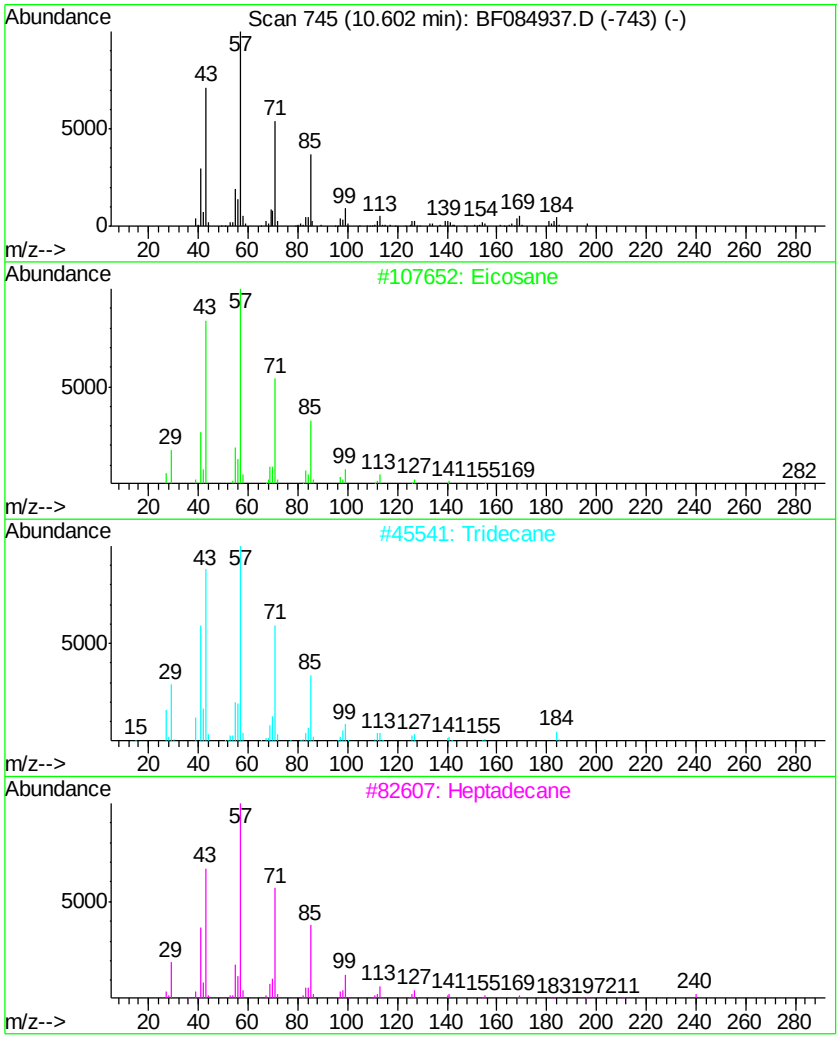
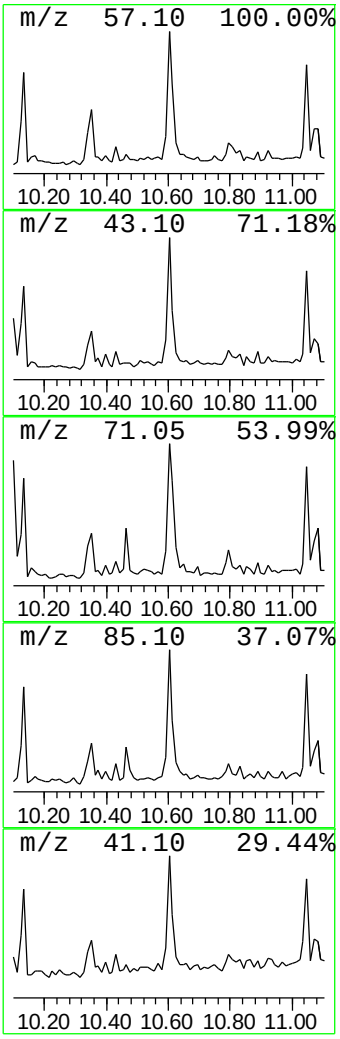
Peak Number 5 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	2.54 ng	269437	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Tridecane	184	C13H28	000629-50-5	80
3	Heptadecane	240	C17H36	000629-78-7	80
4	Pentadecane	212	C15H32	000629-62-9	72
5	Hexadecane	226	C16H34	000544-76-3	72





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B010(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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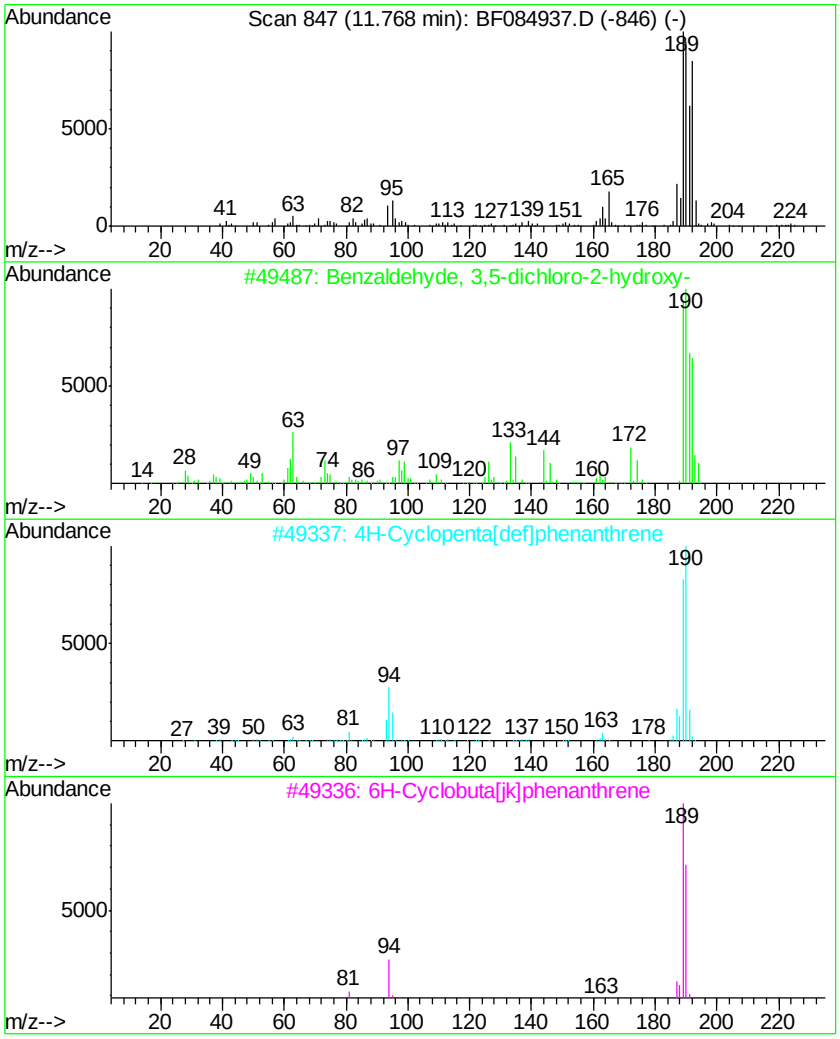
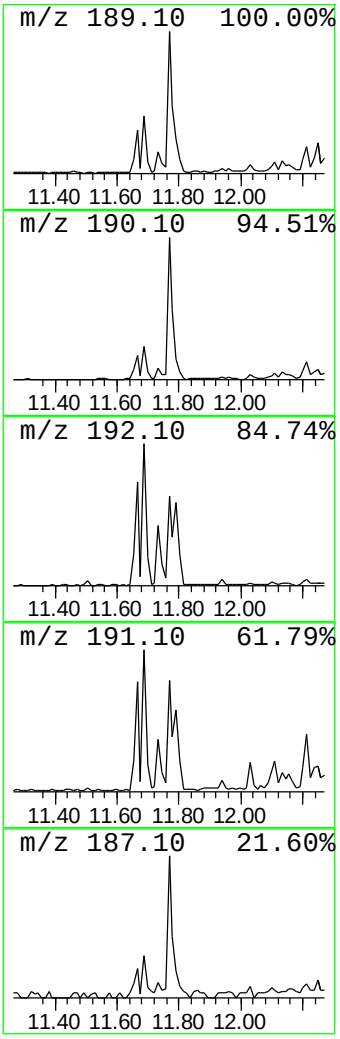
Peak Number 6 Benzaldehyde, 3,5-dichloro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.57 ng	378157	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	41





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Acq On : 8 Feb 2016 19:15
Operator : SJ/IZ
Sample : H1329-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B010(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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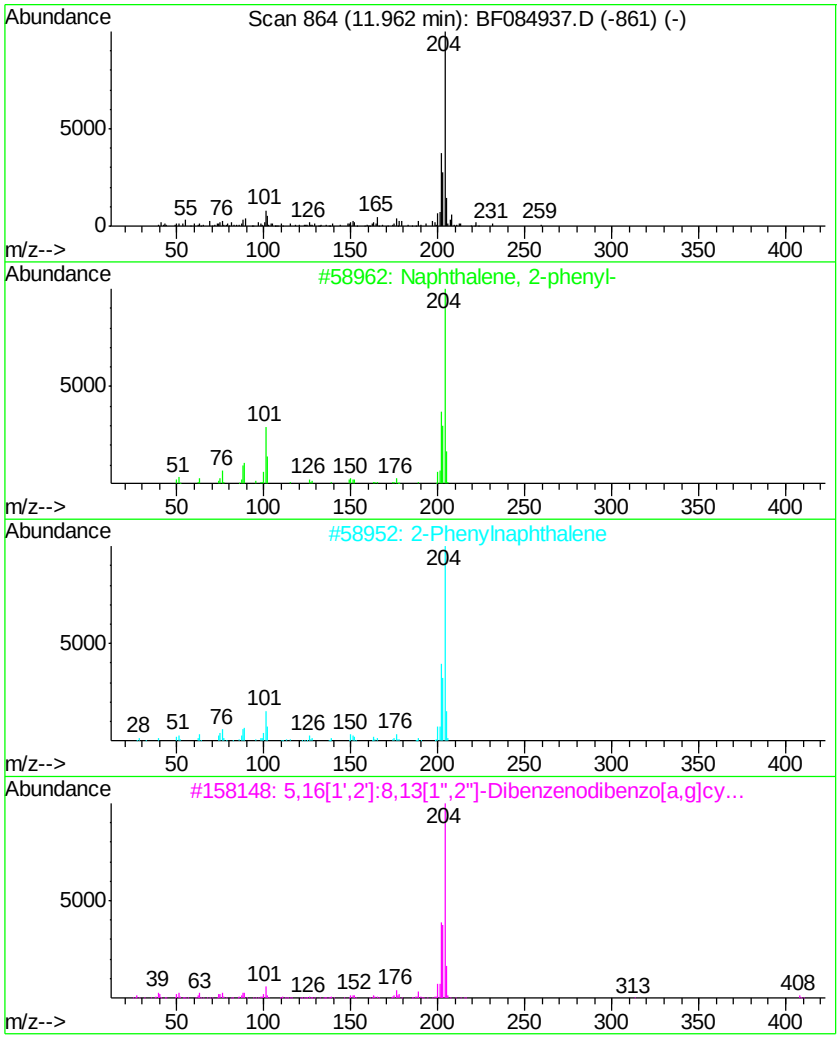
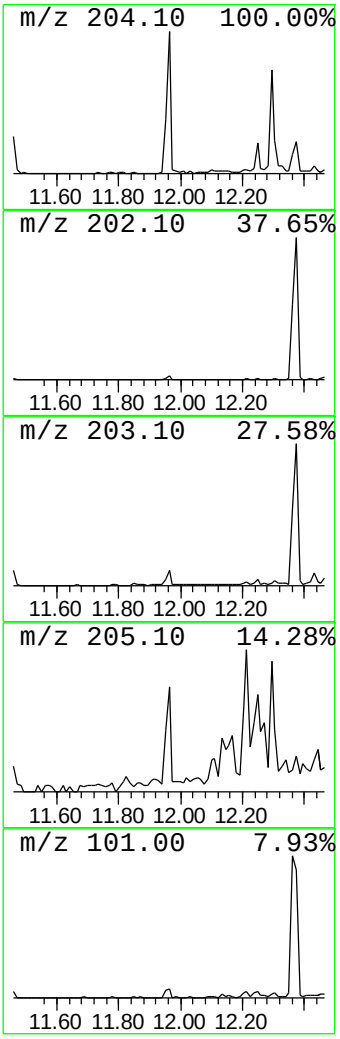
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.21 ng	234352	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	93
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64





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Acq On : 8 Feb 2016 19:15
Operator : SJ/IZ
Sample : H1329-12
Misc :
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Instrument : BNA_F
ClientSampleId : S4-B010(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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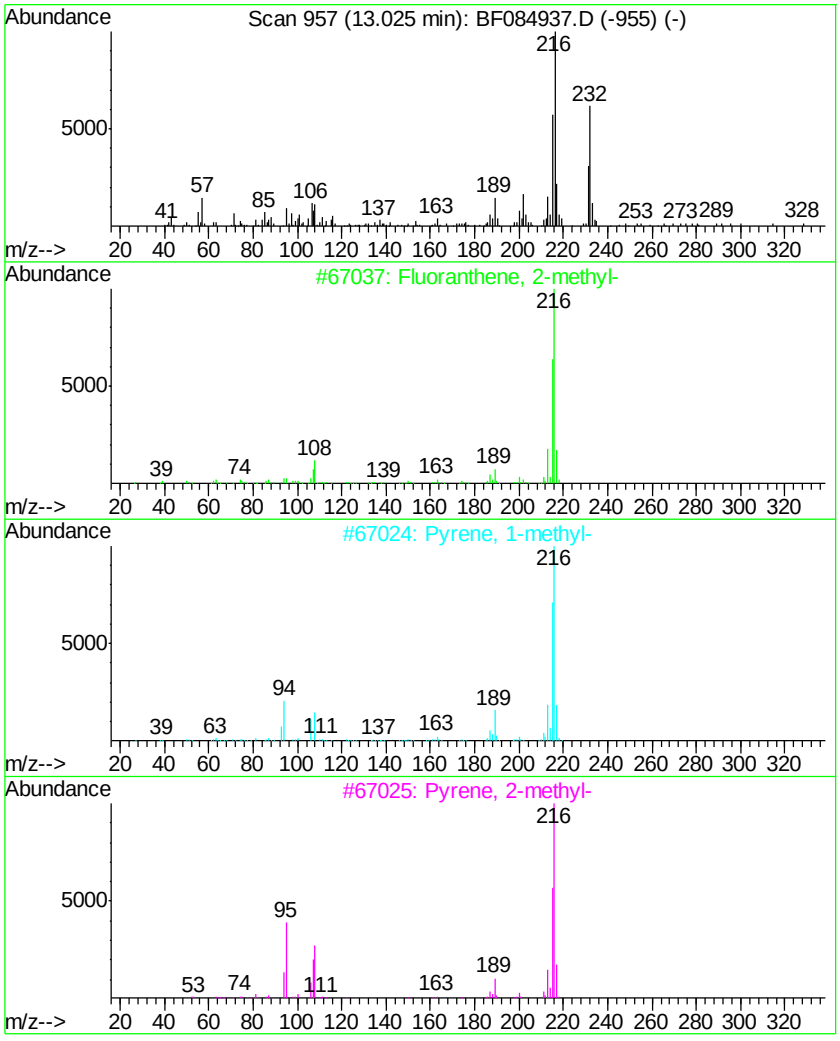
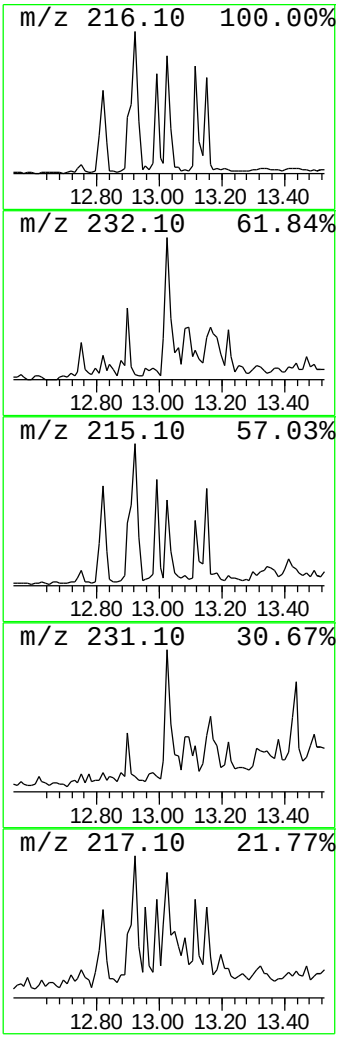
Peak Number 8 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.82 ng	272512	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	78
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55





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Instrument : BNA_F
ClientSampleId : S4-B010(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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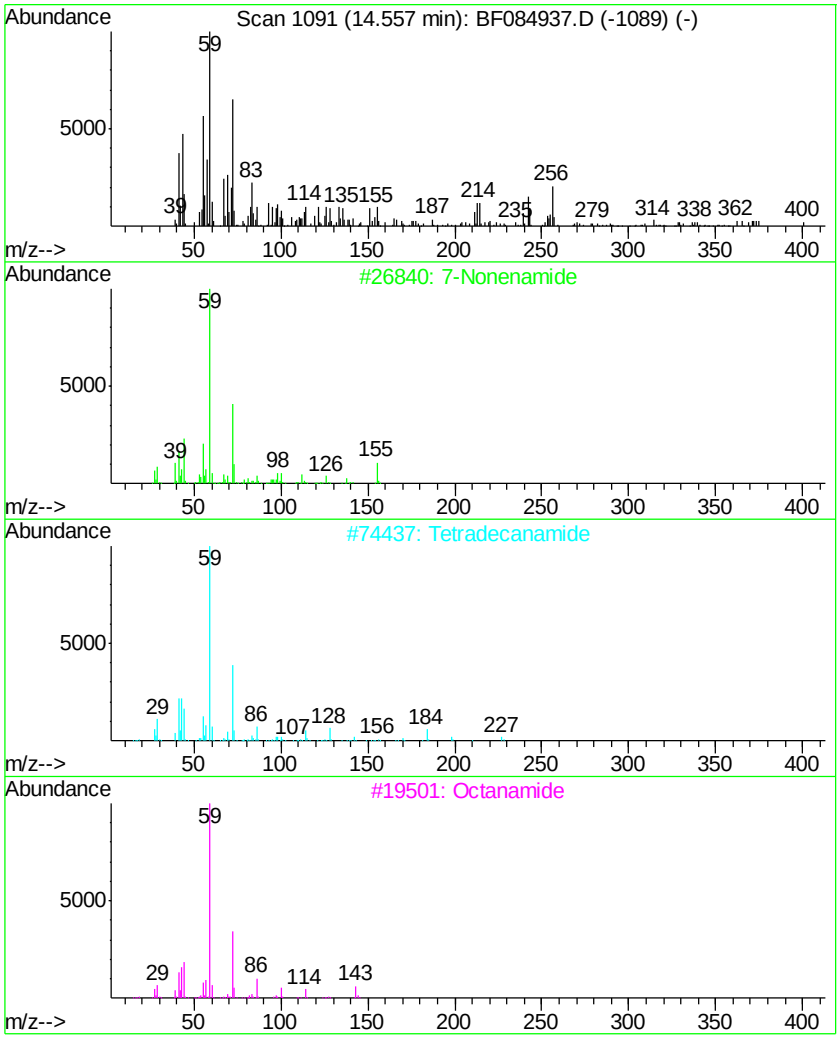
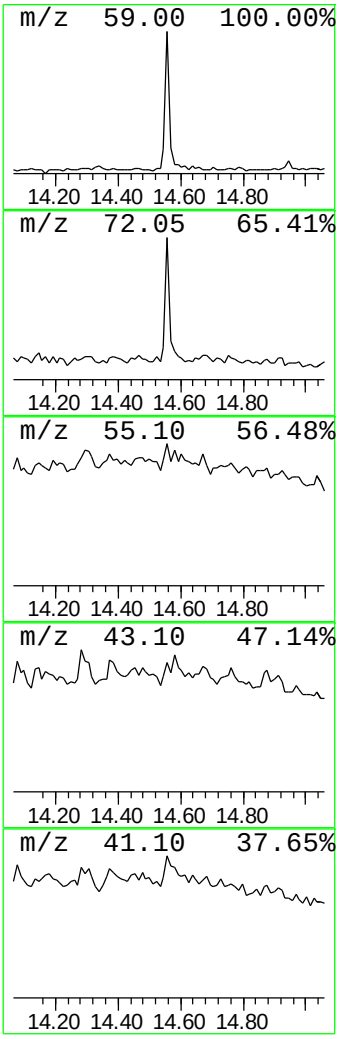
Peak Number 9 7-Nonenamide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	3.29 ng	167595	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Nonenamide	155	C9H17NO	090949-53-4	53
2	Tetradecanamide	227	C14H29NO	000638-58-4	50
3	Octanamide	143	C8H17NO	000629-01-6	50
4	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	49
5	Hexadecanamide	255	C16H33NO	000629-54-9	46





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
Data File : BF084937.D
Acq On : 8 Feb 2016 19:15
Operator : SJ/IZ
Sample : H1329-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B010(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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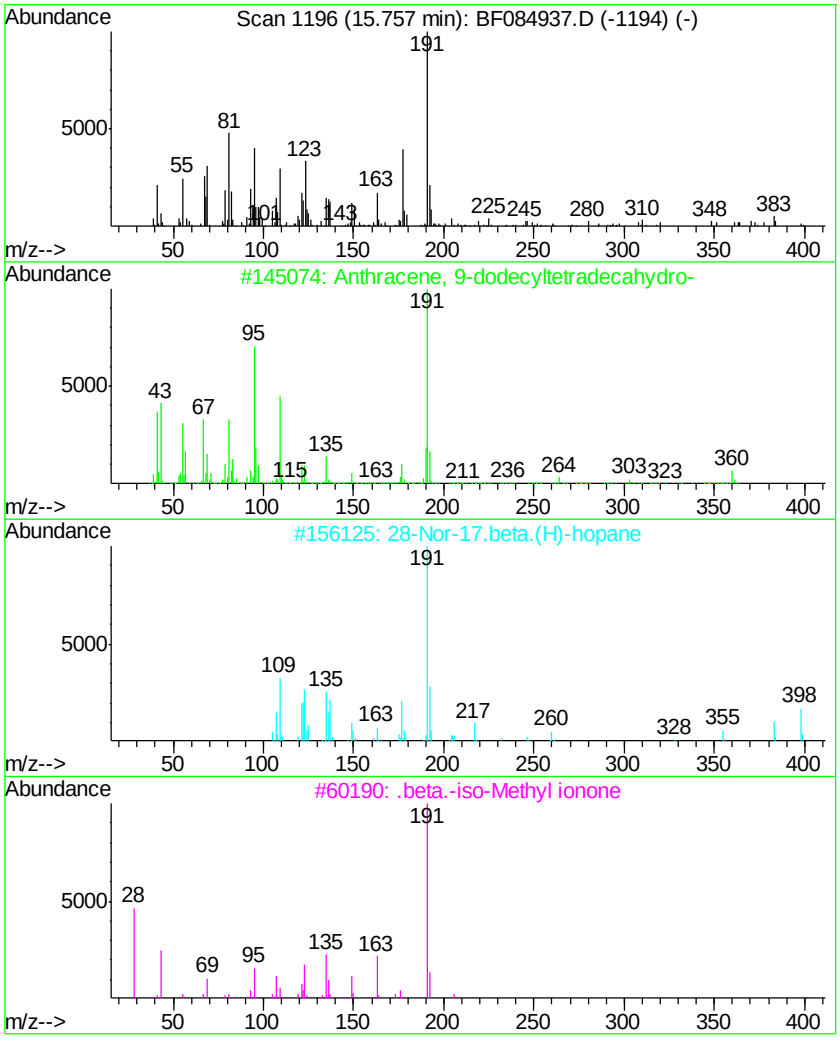
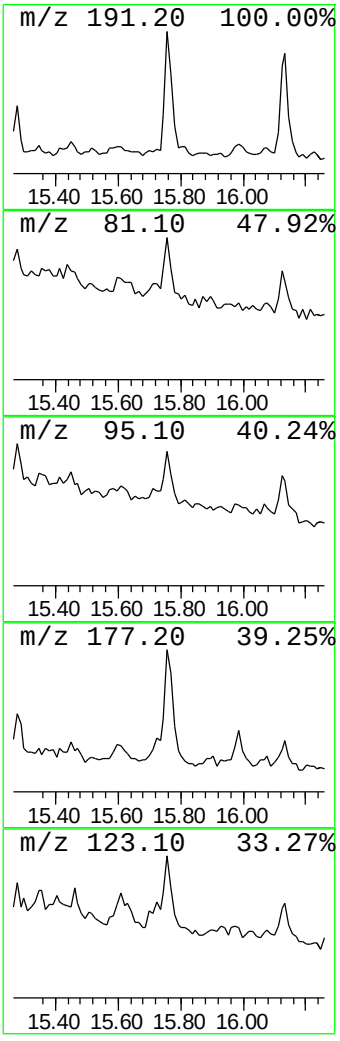
Peak Number 11 Anthracene, 9-dodecyltetrad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	8.26 ng	421178	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	50
2	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	43
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	40
4	1,1-Dithiophenyl-2-ethyl-cyclobu...	300	C18H20S2	122732-87-0	37
5	Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	32





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
Data File : BF084937.D
Acq On : 8 Feb 2016 19:15
Operator : SJ/IZ
Sample : H1329-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B010(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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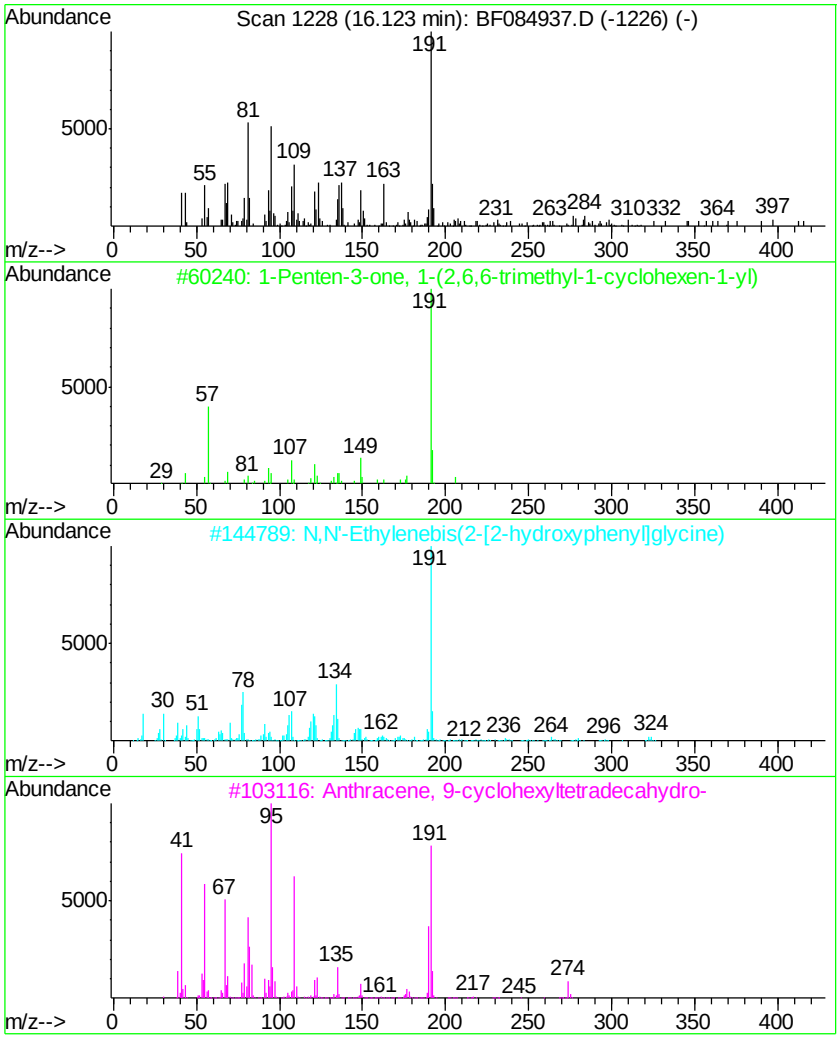
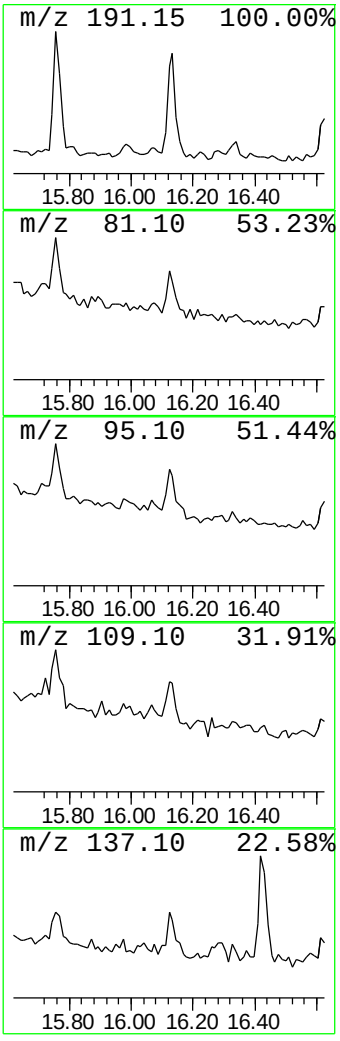
Peak Number 12 unknown16.12 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	6.98 ng	355977	Perylene-d12	15.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	45
2	N,N'-Ethylenebis(2-[2-hydroxyphe...	360	C18H20N2O6	001170-02-1	35
3	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	25
4	(-)-Neoclovene-(II), dihydro-	206	C15H26	1000152-83-6	25
5	Amiphenazole	191	C9H9N3S	000490-55-1	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020816\
Data File : BF084937.D
Acq On : 8 Feb 2016 19:15
Operator : SJ/IZ
Sample : H1329-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B010(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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...	4.80	21.3	ng	1121820	1	6.65	1053320	20.0
unknown6.42	6.42	71.9	ng	3784850	1	6.65	1053320	20.0
Eicosane	10.60	2.5	ng	269437	4	11.16	2120640	20.0
Benzaldehyde, 3,5...	11.77	3.6	ng	378157	4	11.16	2120640	20.0
Naphthalene, 2-ph...	11.96	2.2	ng	234352	4	11.16	2120640	20.0
Fluoranthene, 2-m...	13.03	2.8	ng	272512	5	13.79	1934020	20.0
7-Nonenamide	14.56	3.3	ng	167595	6	15.16	1019580	20.0
Anthracene, 9-dod...	15.76	8.3	ng	421178	6	15.16	1019580	20.0
unknown16.12	16.12	7.0	ng	355977	6	15.16	1019580	20.0