LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082064.D
Acq On : 6 Oct 2015 1:01
Operator : UM/IZ
Sample : G3891-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-9(0-24)

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-BF092815.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	2.183	3	4	21	rVB	54346	112603	3.47%	0.335%
2	5.086	254	258	266	rVB	927398	1552435	47.81%	4.625%
3	5.452	288	290	291	rBV	35732	34401	1.06%	0.102%
4	5.497	291	294	296	rVV	2490468	2776113	85.50%	8.270%
5	5.714	311	313	316	rBV	36780	37487	1.15%	0.112%
6	5.886	326	328	331	rVB	23381	32973	1.02%	0.098%
7	6.526	381	384	386	rBV	2359039	2784641	85.76%	8.296%
8	6.652	393	395	398	rBV	2122536	2753305	84.79%	8.202%
9	6.709	398	400	403	rVB	69898	71886	2.21%	0.214%
10	6.880	413	415	418	rBV	438918	581032	17.89%	1.731%
11	6.937	418	420	424	rVB2	23181	35916	1.11%	0.107%
12	7.040	427	429	432	rVV	2163858	2170617	66.85%	6.467%
13	7.200	441	443	447	rVB2	20771	32995	1.02%	0.098%
14	7.452	463	465	468	rVV	1224682	1681230	51.78%	5.009%
15	7.909	501	505	509	rBV3	40847	80704	2.49%	0.240%
16	8.172	524	528	529	rBV	861632	833270	25.66%	2.482%
17	8.229	531	533	534	rVB	29768	36879	1.14%	0.110%
18	8.458	548	553	556	rBV6	27958	54752	1.69%	0.163%
19	8.583	563	564	567	rBV	41002	47948	1.48%	0.143%
20	8.755	578	579	581	rBV	65383	65392	2.01%	0.195%
21	8.880	589	590	592	rBV	104171	116685	3.59%	0.348%
22	8.983	597	599	601	rBV	137387	135906	4.19%	0.405%
23	9.120	609	611	613	rBV	41979	36441	1.12%	0.109%
24	9.189	616	617	619	rVB	59840	44460	1.37%	0.132%
25	9.258	619	623	625	rBV	2221003	3247049	100.00%	9.673%
26	9.326	626	629	630	rBV	113516	116826	3.60%	0.348%
27	9.441	637	639	642	rVB	43099	65678	2.02%	0.196%
28	9.509	642	645	648	rBV	93768	145724	4.49%	0.434%
29	9.589	650	652	653	rVV	87537	121079	3.73%	0.361%
30	9.612	653	654	655	rVV	102317	100733	3.10%	0.300%
31	9.646	655	657	659	rVV	648506	587472	18.09%	1.750%
32	9.703	660	662	667	rVB	80004	115387	3.55%	0.344%
33	9.795	667	670	672	rBV2	120950	192145	5.92%	0.572%
34	9.852	672	675	678	rVB2	83413	113903	3.51%	0.339%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082064.D
Acq On : 6 Oct 2015 1:01
Operator : UM/IZ
Sample : G3891-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-9(0-24)

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-BF092815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.932	678	682	684	rBV	822327	883474	27.21%	2.632%
36	9.966	684	685	689	rVB4	38486	40453	1.25%	0.121%
37	10.035	689	691	693	rBV	58647	75872	2.34%	0.226%
38	10.092	693	696	697	rBV3	24434	56401	1.74%	0.168%
39	10.126	697	699	701	rBV3	49876	78318	2.41%	0.233%
40	10.172	701	703	705	rVB2	54044	54464	1.68%	0.162%
41	10.241	707	709	711	rBV2	42806	66671	2.05%	0.199%
42	10.332	715	717	718	rBV2	109392	127529	3.93%	0.380%
43	10.355	718	719	720	rVB	177110	121409	3.74%	0.362%
44	10.469	727	729	730	rBV	74409	66092	2.04%	0.197%
45	10.572	736	738	741	rBV	87659	113979	3.51%	0.340%
46	10.629	741	743	745	rVV2	34749	39148	1.21%	0.117%
47	10.721	748	751	754	rVV	1597576	1620473	49.91%	4.828%
48	10.835	758	761	765	rVB	238664	429898	13.24%	1.281%
49	11.155	787	789	793	rBV4	46789	99916	3.08%	0.298%
50	11.281	797	800	801	rBV2	107656	137170	4.22%	0.409%
51	11.418	810	812	813	rBV	723311	660719	20.35%	1.968%
52	11.658	831	833	835	rBV2	42856	61526	1.89%	0.183%
53	11.704	835	837	840	rVB	121271	110122	3.39%	0.328%
54	11.921	854	856	857	rBV	49384	61754	1.90%	0.184%
55	11.944	857	858	861	rVV	190648	202881	6.25%	0.604%
56	12.024	864	865	870	rVB2	73104	132461	4.08%	0.395%
57	12.115	871	873	874	rVB	66408	67917	2.09%	0.202%
58	12.469	902	904	905	rBV	71964	70884	2.18%	0.211%
59	12.504	905	907	908	rVB	74342	71710	2.21%	0.214%
60	12.629	916	918	921	rVB	338518	293001	9.02%	0.873%
61	12.732	925	927	929	rBV	38390	58335	1.80%	0.174%
62	12.824	933	935	936	rVV	137999	123364	3.80%	0.368%
63	12.858	936	938	941	rVB	311973	322115	9.92%	0.960%
64	13.007	948	951	954	rBV	2380961	2329292	71.74%	6.939%
65	13.075	955	957	961	rVB3	48835	92745	2.86%	0.276%
66	13.292	974	976	978	rVB	71187	70823	2.18%	0.211%
67	13.532	995	997	998	rVB	86886	92414	2.85%	0.275%
68	13.567	998	1000	1003	rBV3	48302	113488	3.50%	0.338%
69	13.692	1010	1011	1015	rVB	53142	64672	1.99%	0.193%
70	13.898	1027	1029	1035	rVB2	252133	325878	10.04%	0.971%
71	14.058	1040	1043	1049	rVV2	655814	1110863	34.21%	3.309%

LSC Area Percent Report

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Acq On : 6 Oct 2015 1:01
Operator : UM/IZ
Sample : G3891-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-9(0-24)

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-BF092815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.218	1055	1057	1061	rVB4	58666	68704	2.12%	0.205%
73	14.447	1075	1077	1079	rBV	61069	62726	1.93%	0.187%
74	14.812	1107	1109	1112	rBV2	134388	199133	6.13%	0.593%
75	15.098	1131	1134	1138	rBV	210229	460559	14.18%	1.372%
76	15.201	1141	1143	1144	rBV2	75904	100048	3.08%	0.298%
77	15.395	1157	1160	1163	rVB	125869	192273	5.92%	0.573%
78	15.453	1163	1165	1168	rVV	161500	223006	6.87%	0.664%
79	15.510	1168	1170	1180	rVB2	282917	624033	19.22%	1.859%
80	16.950	1293	1296	1301	rVB2	66845	144891	4.46%	0.432%
81	17.384	1330	1334	1337	rBV	58287	127330	3.92%	0.379%

Sum of corrected areas: 33567001

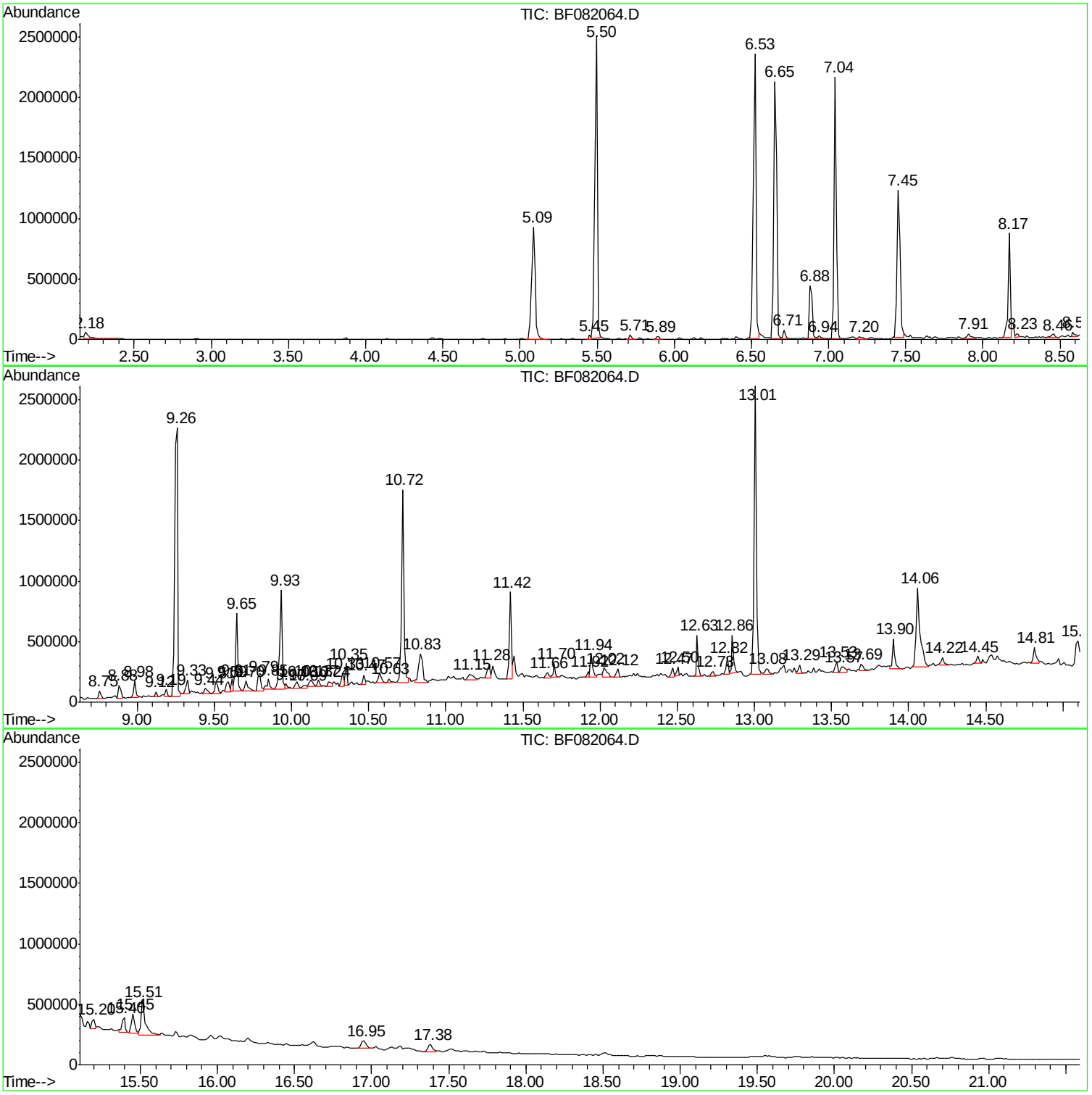
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082064.D
Acq On : 6 Oct 2015 1:01
Operator : UM/IZ
Sample : G3891-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-9(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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\BF100515\
Data File : BF082064.D
Acq On : 6 Oct 2015 1:01
Operator : UM/IZ
Sample : G3891-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-9(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

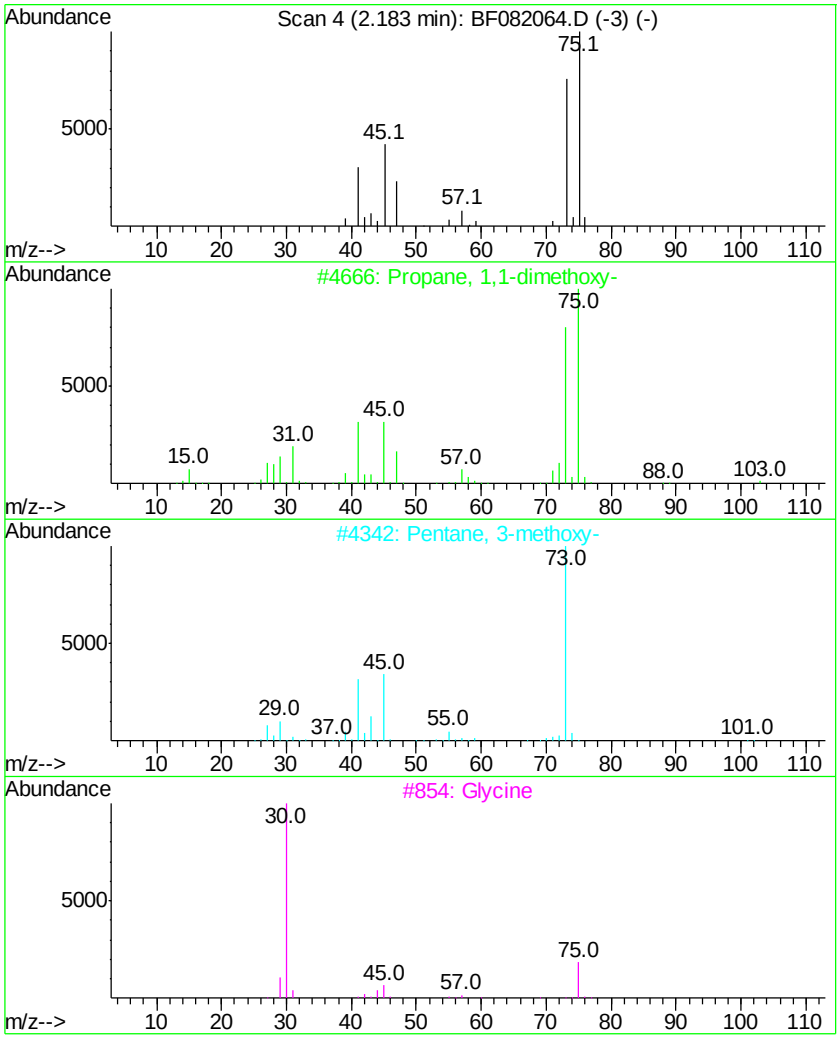
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

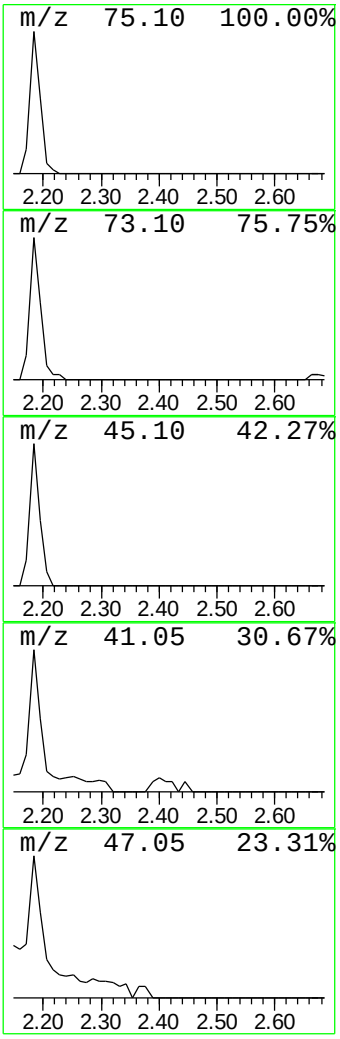
****

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	3.88 ng	112603	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	27
3	Glycine	75	C2H5NO2	000056-40-6	9
4	1,3-Dioxolane, 2-(1,1-dimethylet...	130	C7H14O2	002568-29-8	9
5	Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082064.D
Acq On : 6 Oct 2015 1:01
Operator : UM/IZ
Sample : G3891-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-9(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

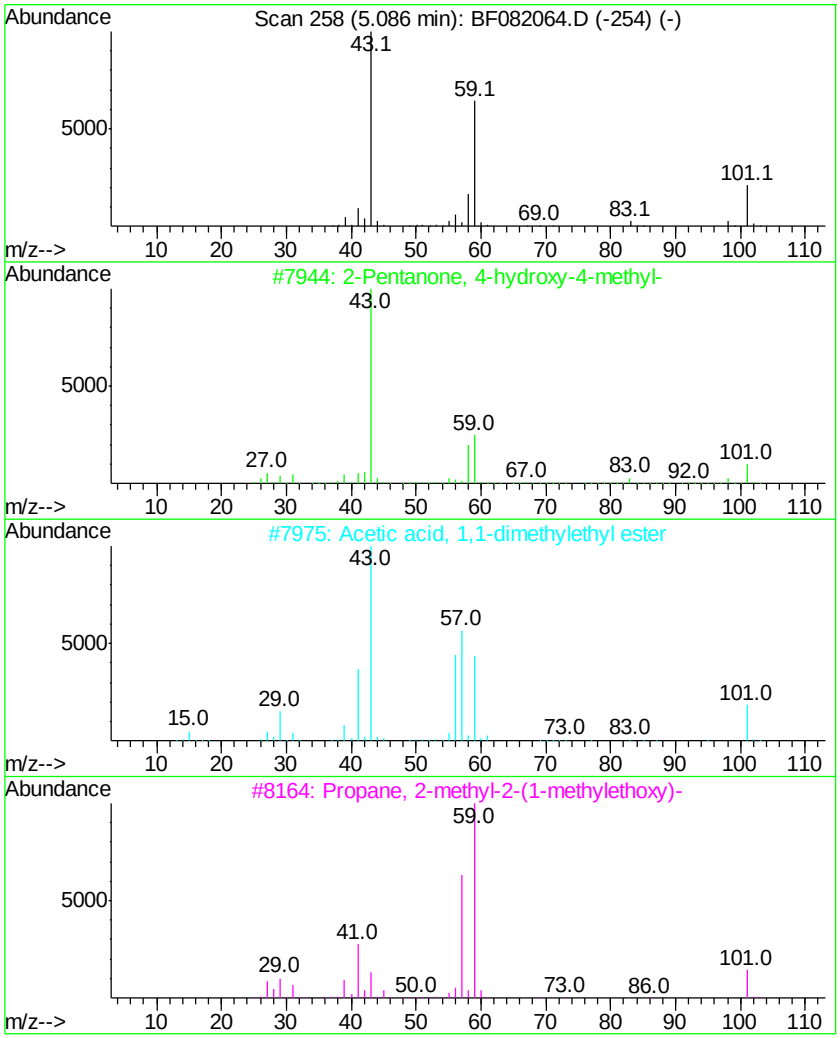
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

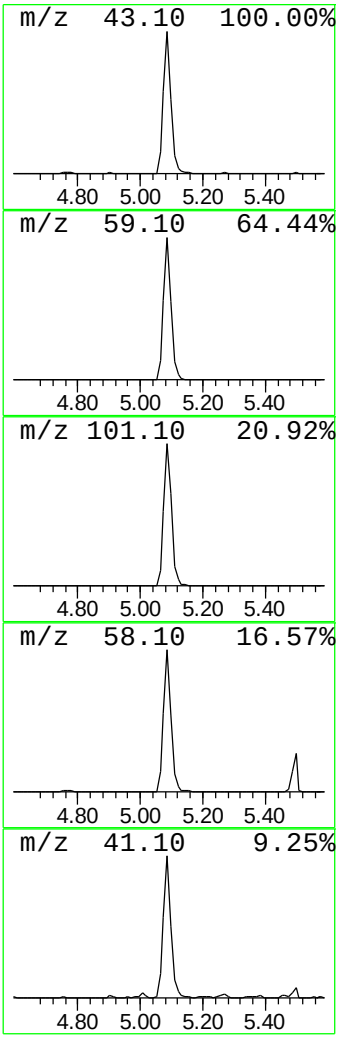
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	53.44 ng	1552440	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082064.D
Acq On : 6 Oct 2015 1:01
Operator : UM/IZ
Sample : G3891-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-9(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

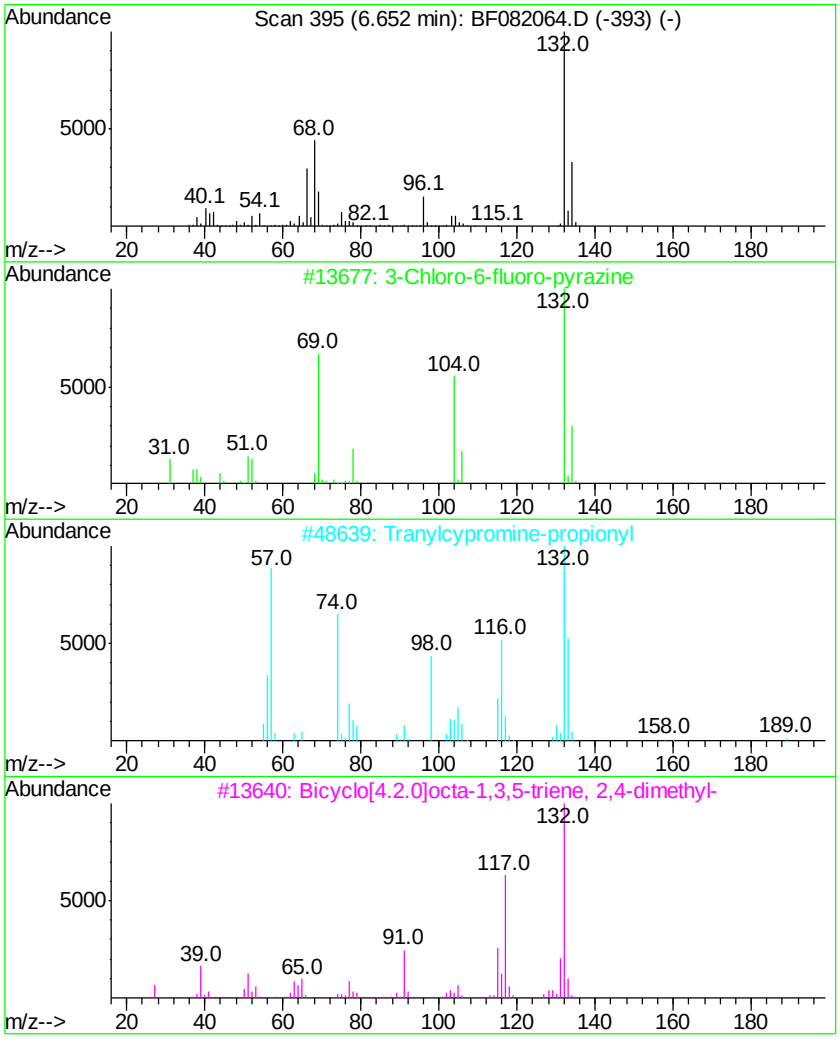
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

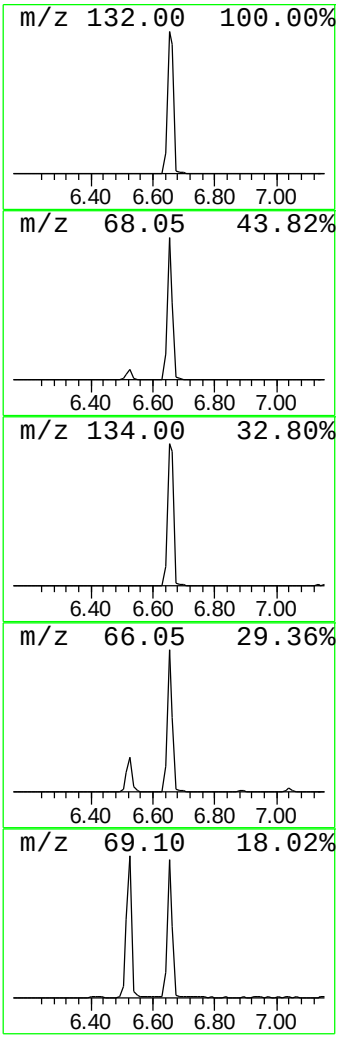
****

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	94.77 ng	2753310	1,4-Dichlorobenzene-d4	6.89

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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
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Instrument : BNA_F
ClientSampleId : SS-9(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

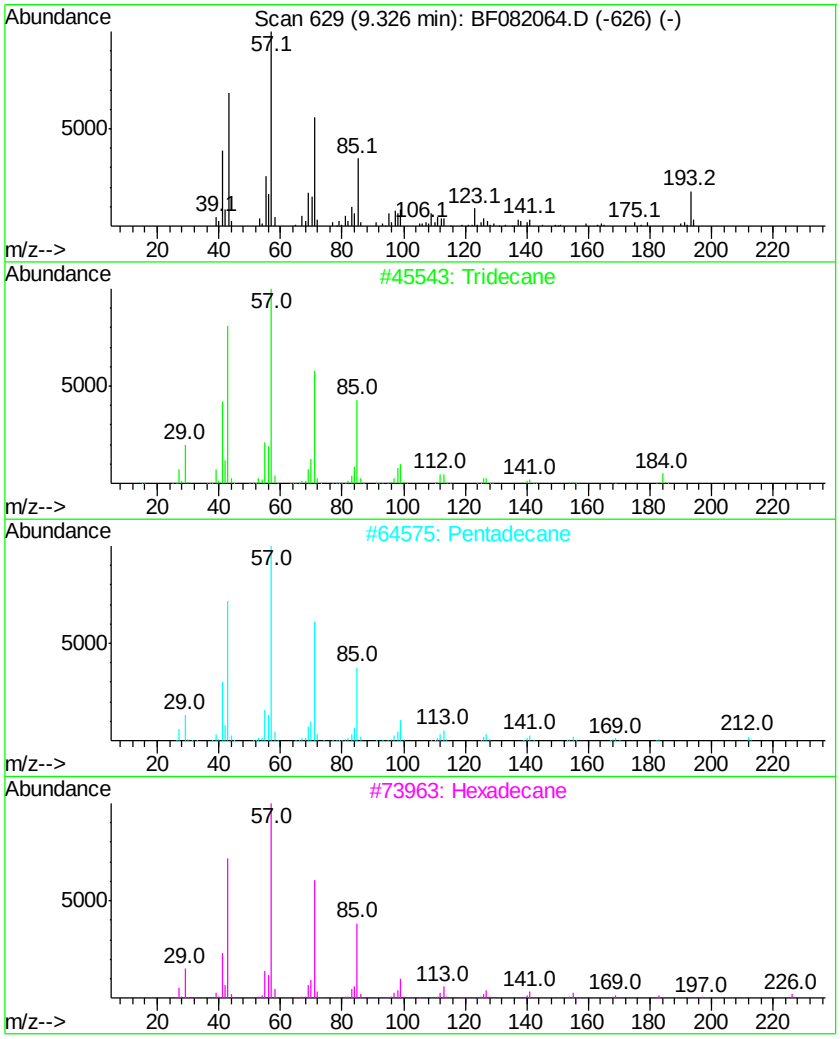
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

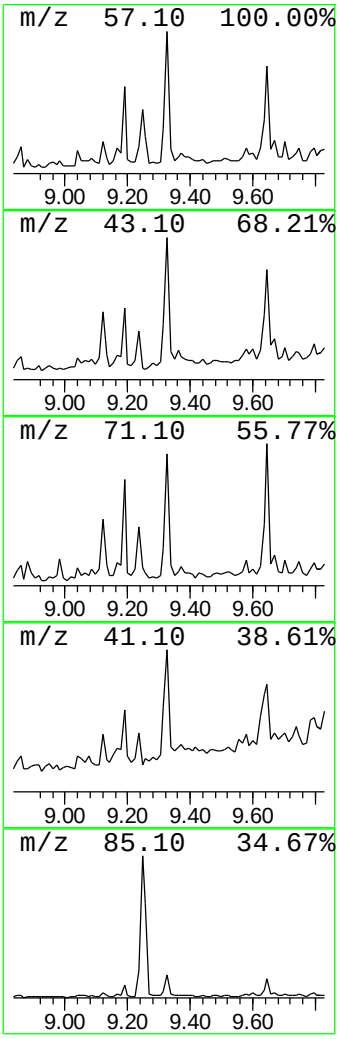
****

Peak Number 6 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	2.64 ng	116826	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Pentadecane	212	C15H32	000629-62-9	64
3	Hexadecane	226	C16H34	000544-76-3	59
4	Dodecane	170	C12H26	000112-40-3	58
5	Eicosane	282	C20H42	000112-95-8	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082064.D
Acq On : 6 Oct 2015 1:01
Operator : UM/IZ
Sample : G3891-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-9(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

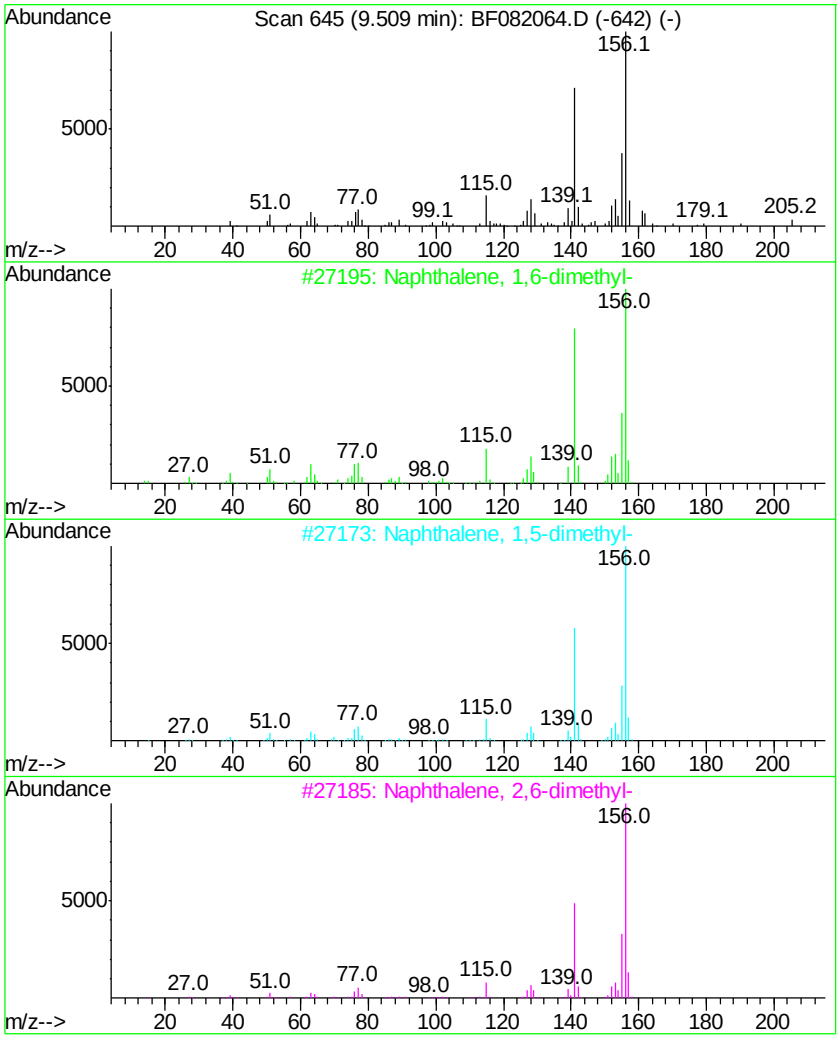
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

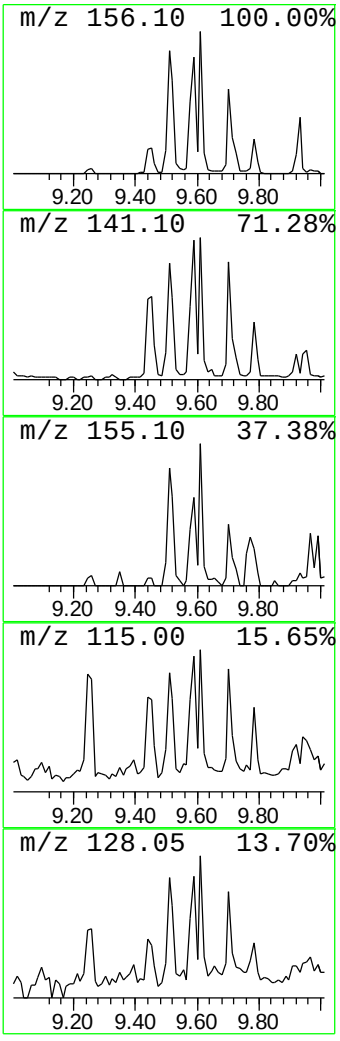
****

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	3.30 ng	145724	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082064.D
Acq On : 6 Oct 2015 1:01
Operator : UM/IZ
Sample : G3891-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-9(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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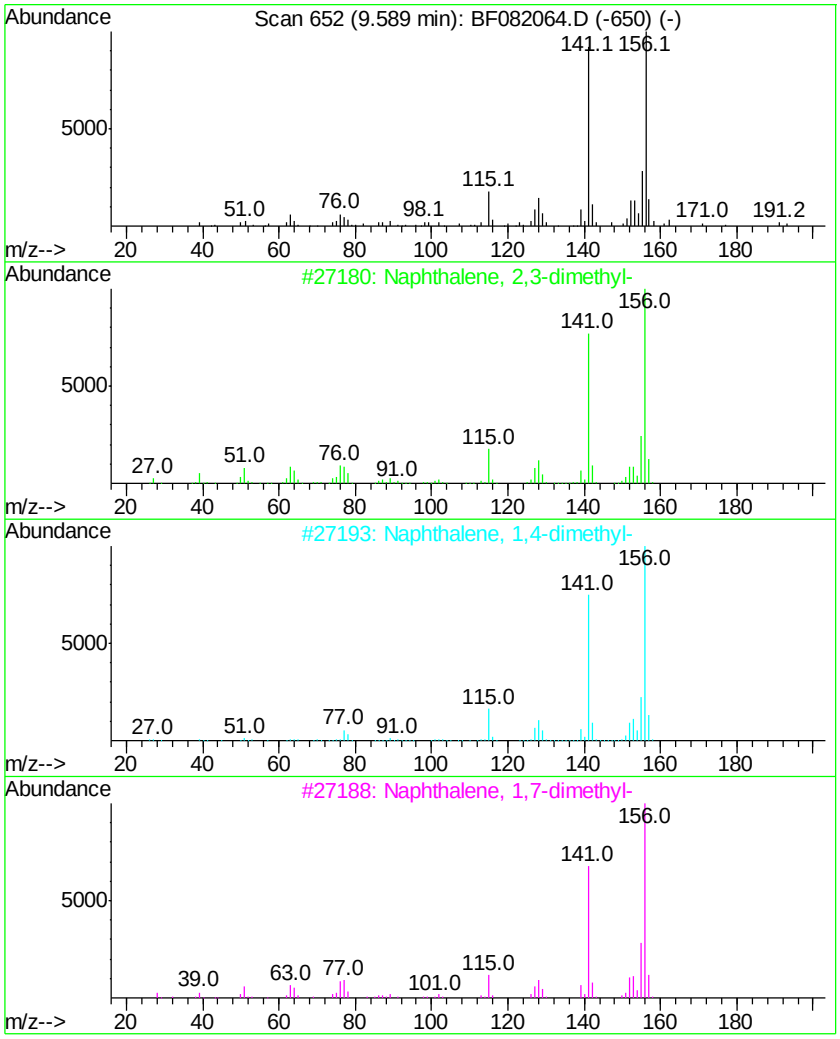
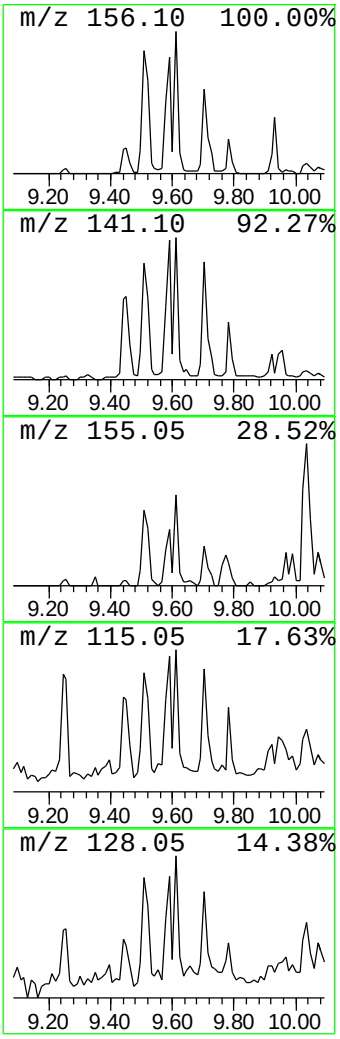
Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	2.74 ng	121079	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
Data File : BF082064.D
Acq On : 6 Oct 2015 1:01
Operator : UM/IZ
Sample : G3891-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-9(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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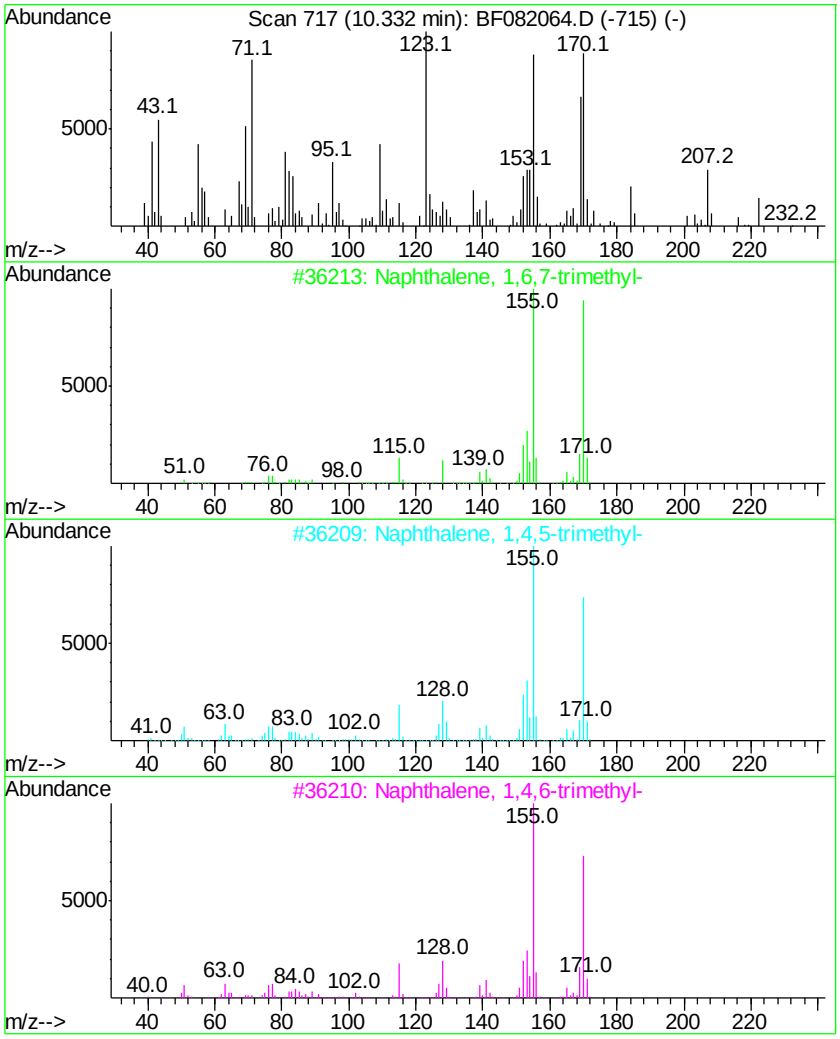
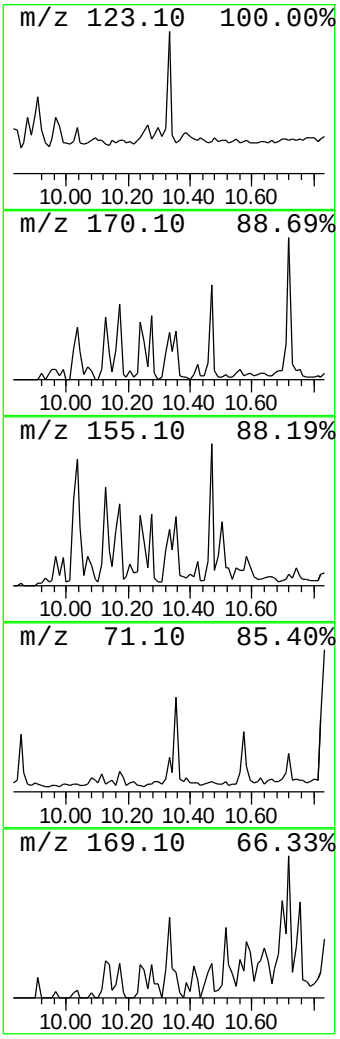
Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	2.89 ng	127529	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	42
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	42





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Acq On : 6 Oct 2015 1:01
Operator : UM/IZ
Sample : G3891-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-9(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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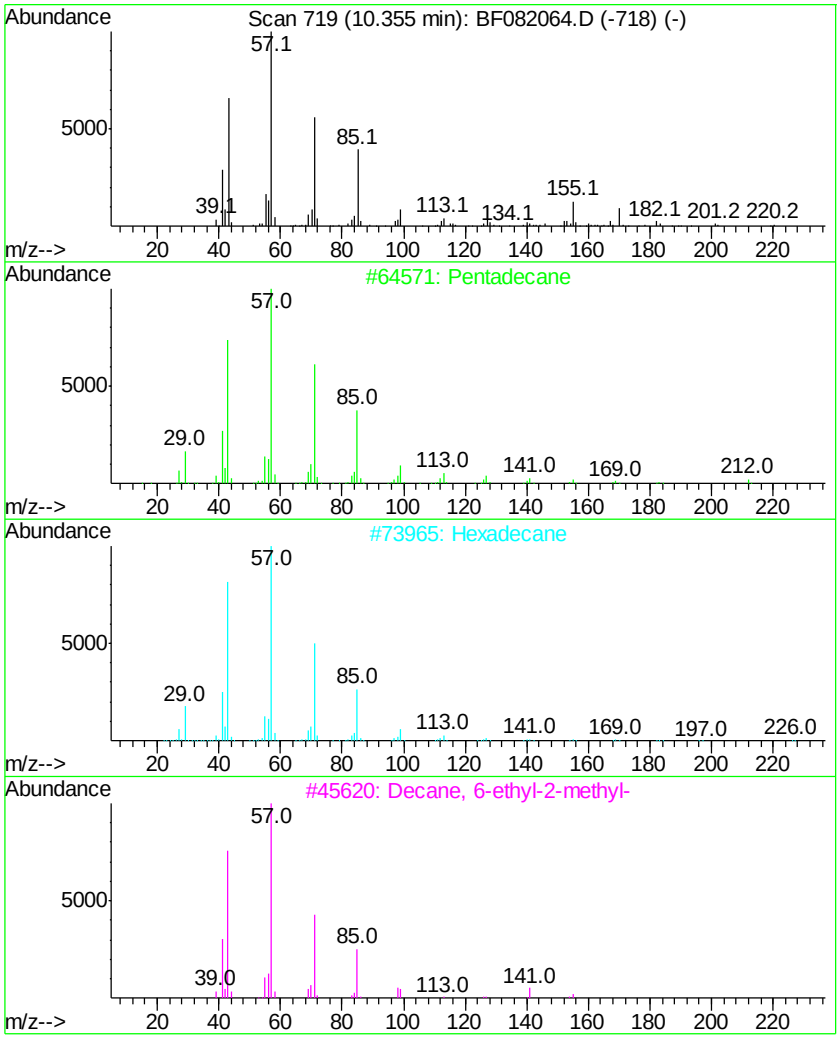
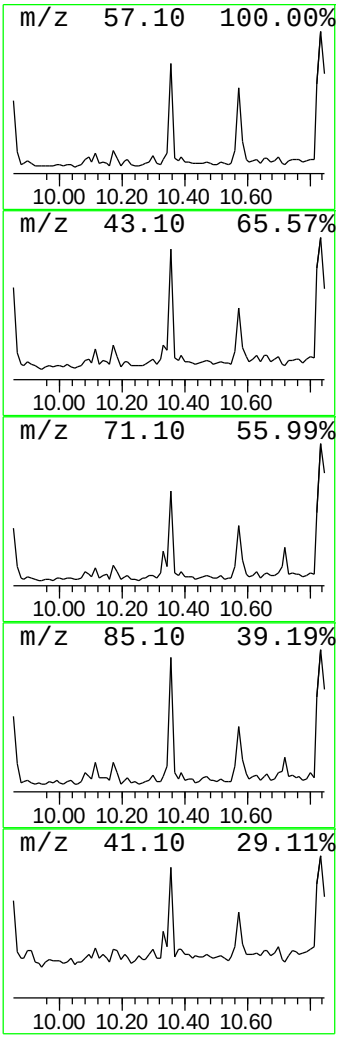
Peak Number 10 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	2.75 ng	121409	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	80
2	Hexadecane	226	C16H34	000544-76-3	80
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
4	Dodecane	170	C12H26	000112-40-3	58
5	Tridecane	184	C13H28	000629-50-5	52





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Sample : G3891-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-9(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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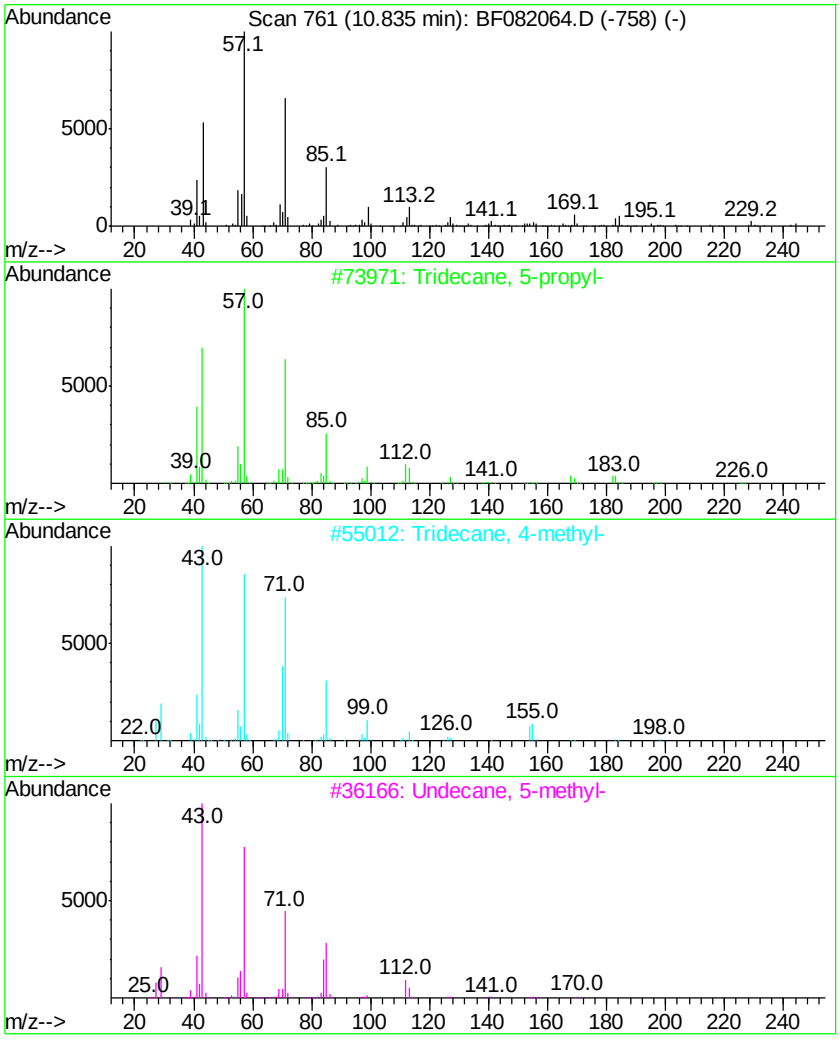
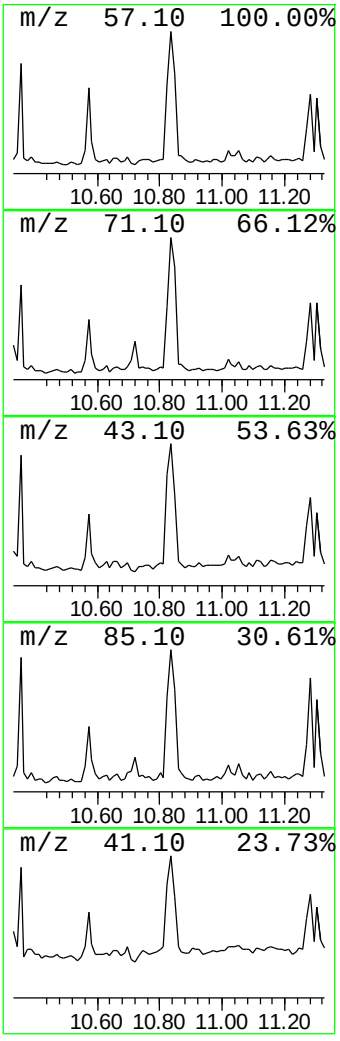
Peak Number 11 Tridecane, 5-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	13.01 ng	429898	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2	Tridecane, 4-methyl-	198	C14H30	026730-12-1	81
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	74
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	74
5	Decane, 2-methyl-	156	C11H24	006975-98-0	72





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Sample : G3891-11
Misc :
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Instrument : BNA_F
ClientSampleId : SS-9(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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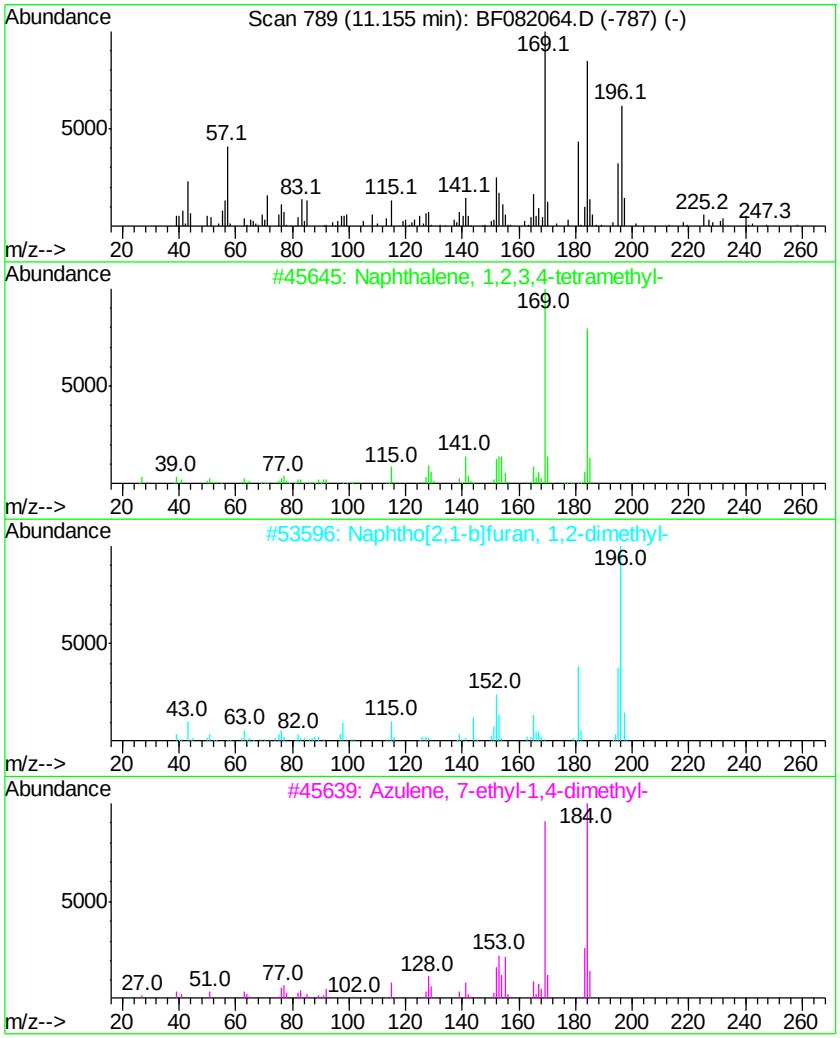
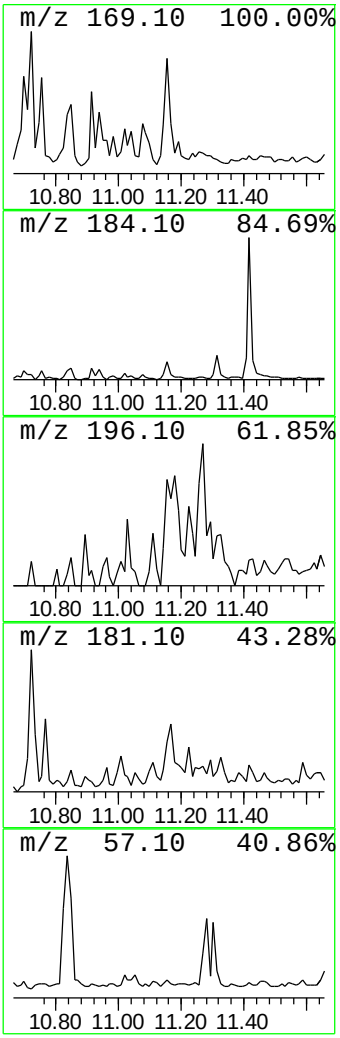
Peak Number 12 Naphthalene, 1,2,3,4-tetram... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	3.02 ng	99916	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	90
2	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	55
3	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	55
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	55
5	3,4-Dimethoxy-6-methylpyrocatechol	184	C9H12O4	054826-79-8	55





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Acq On : 6 Oct 2015 1:01
Operator : UM/IZ
Sample : G3891-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-9(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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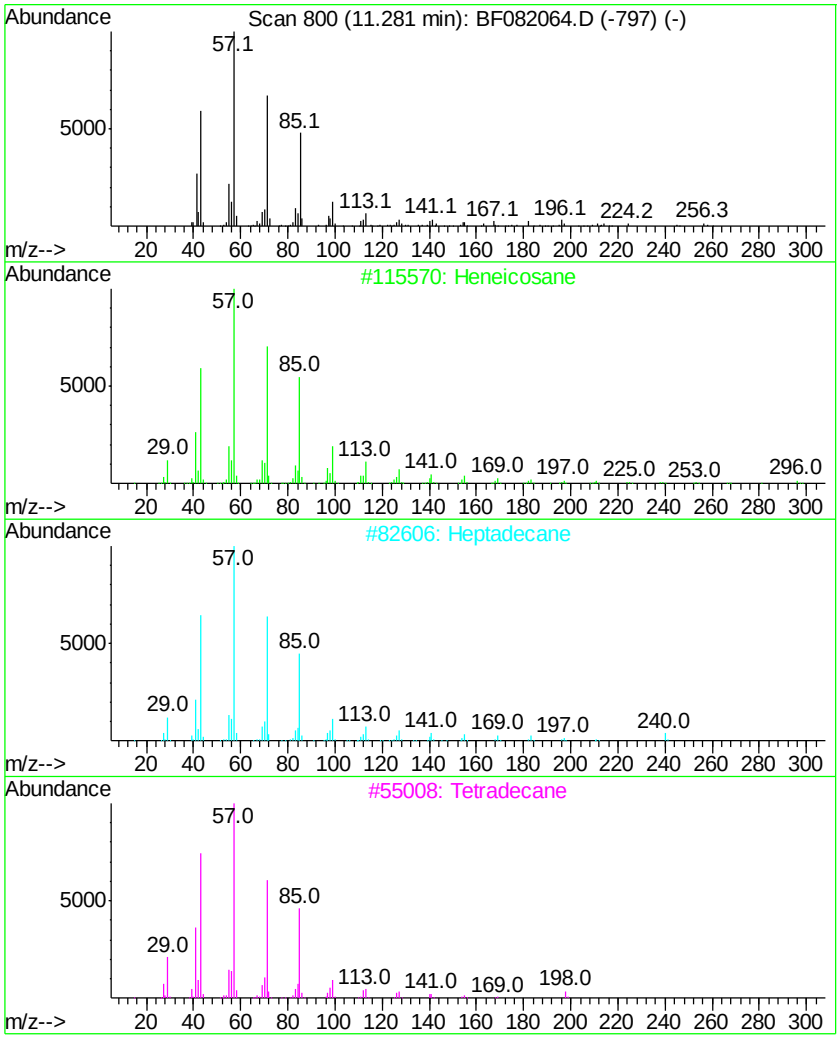
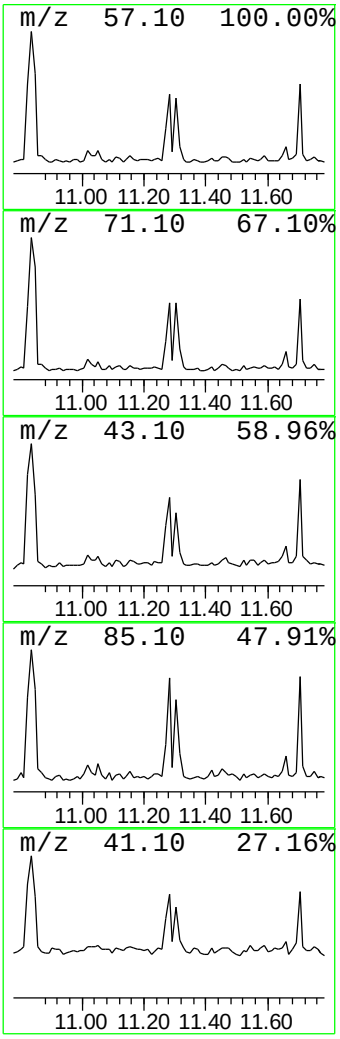
Peak Number 13 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	4.15 ng	137170	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





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Sample : G3891-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-9(0-24)

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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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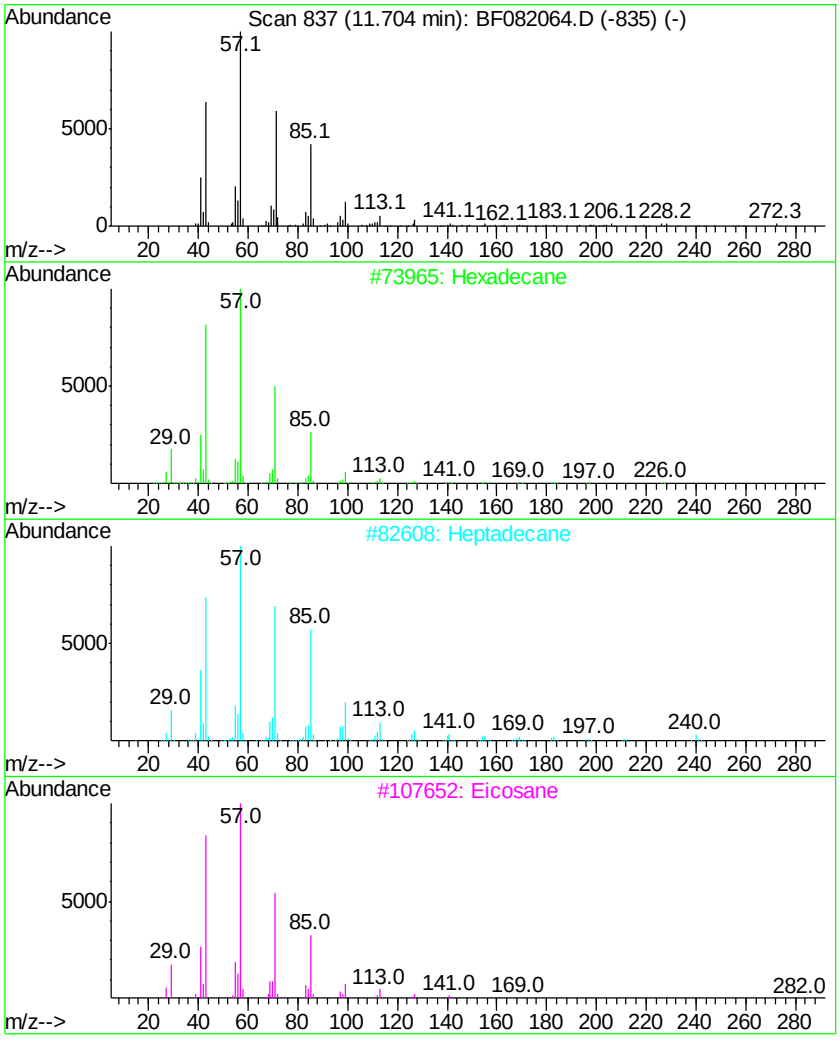
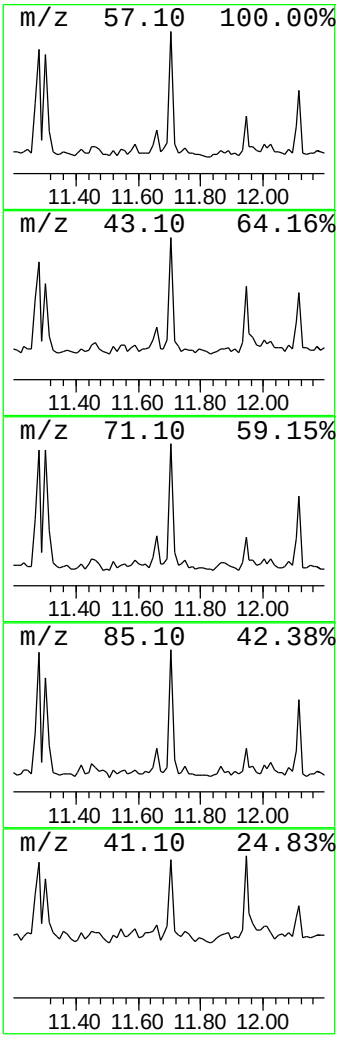
Peak Number 14 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	3.33 ng	110122	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Heptadecane	240	C17H36	000629-78-7	93
3	Eicosane	282	C20H42	000112-95-8	91
4	Heneicosane	296	C21H44	000629-94-7	86
5	Octacosane	394	C28H58	000630-02-4	83





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Sample : G3891-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-9(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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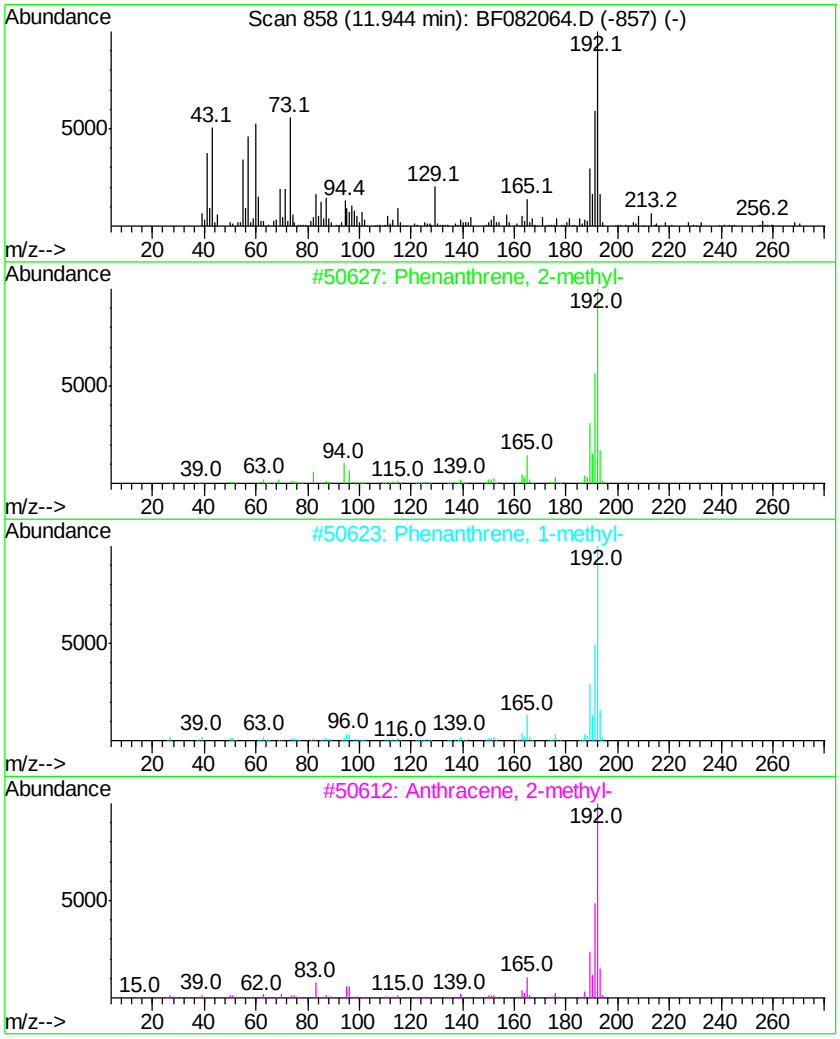
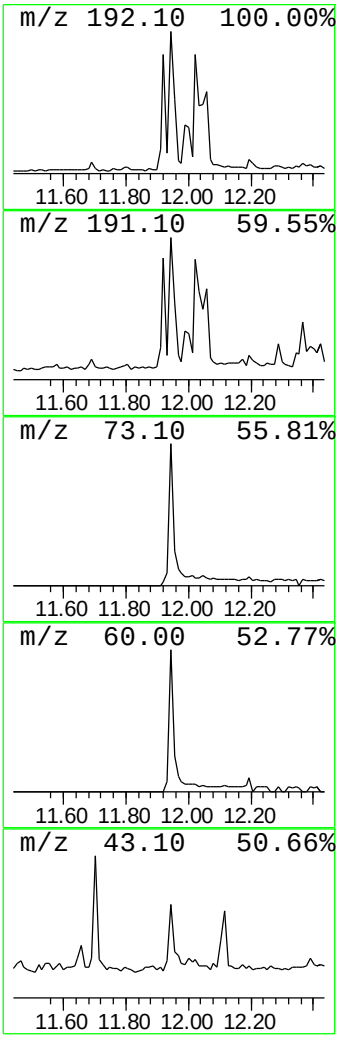
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	6.14 ng	202881	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92





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Sample : G3891-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-9(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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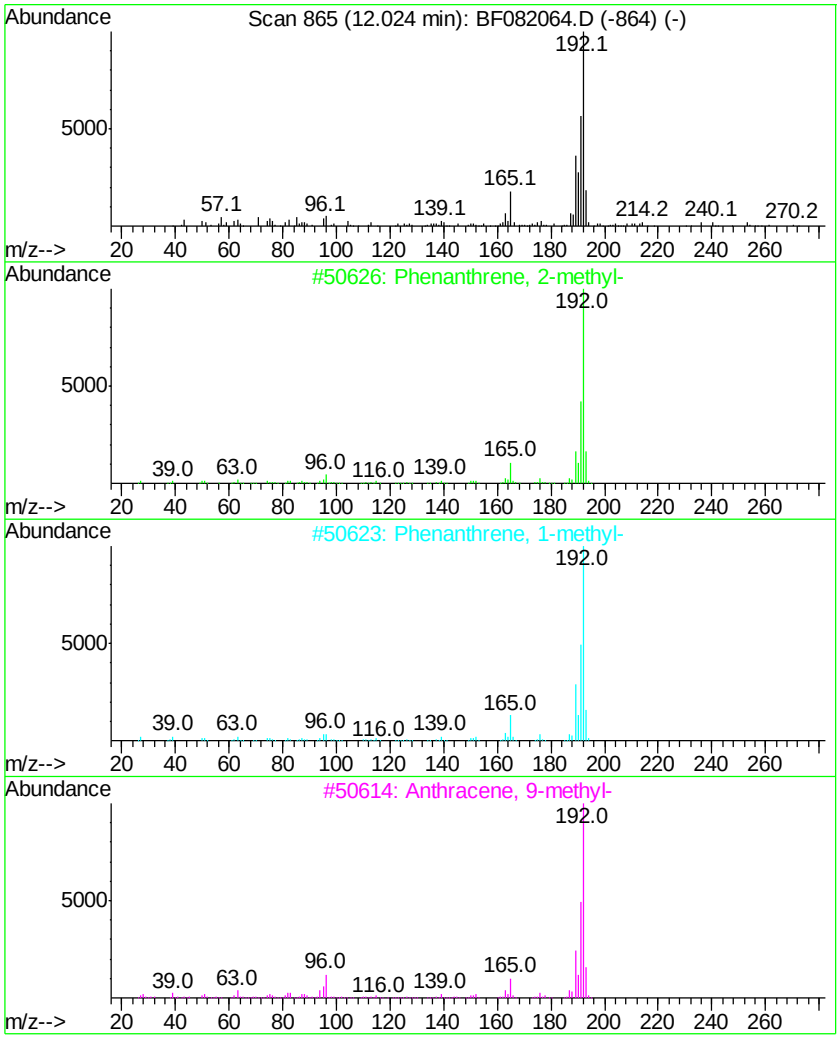
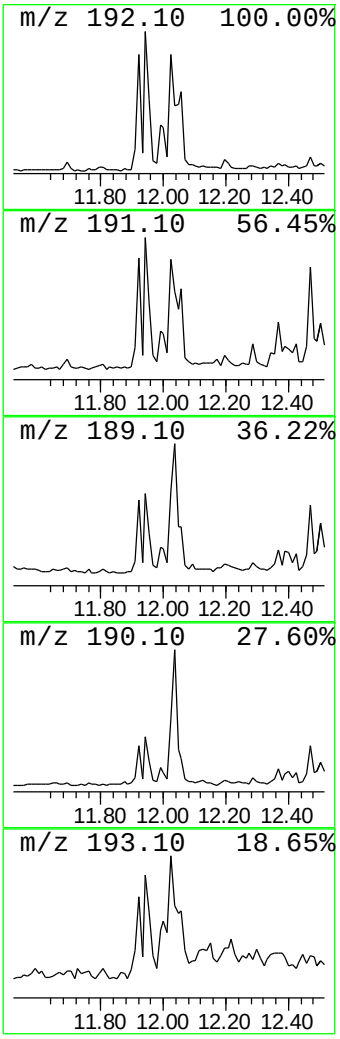
Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	4.01 ng	132461	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81





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Sample : G3891-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-9(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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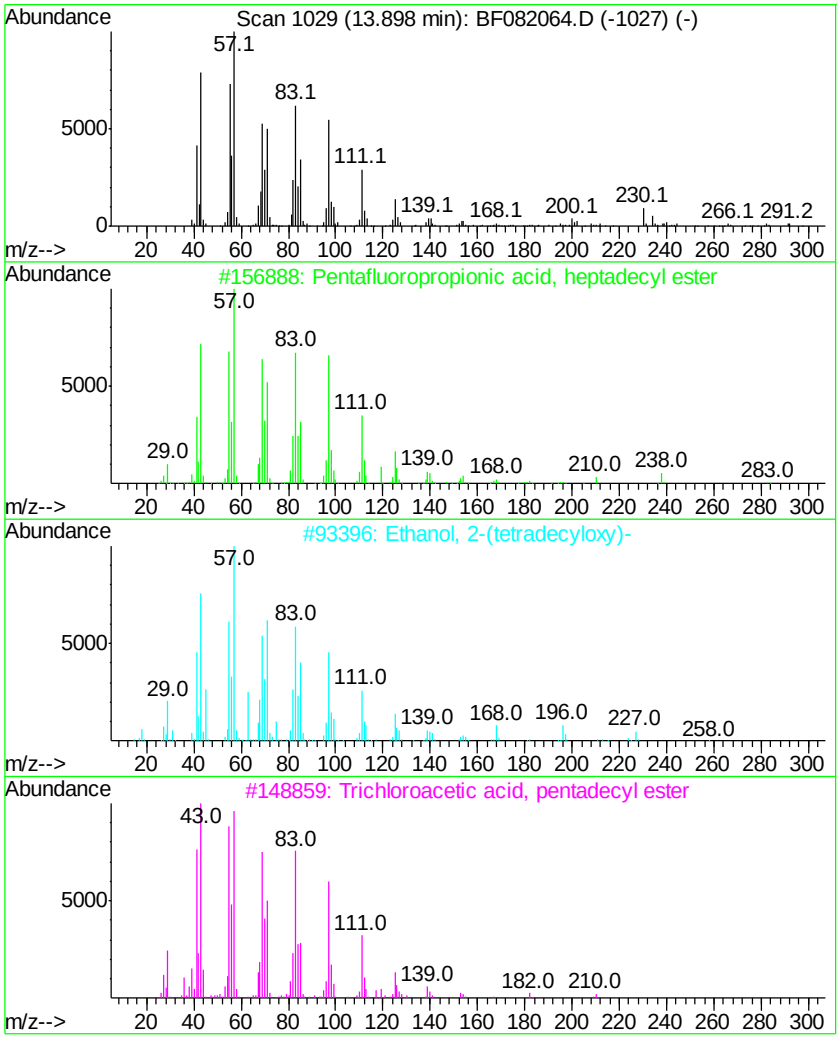
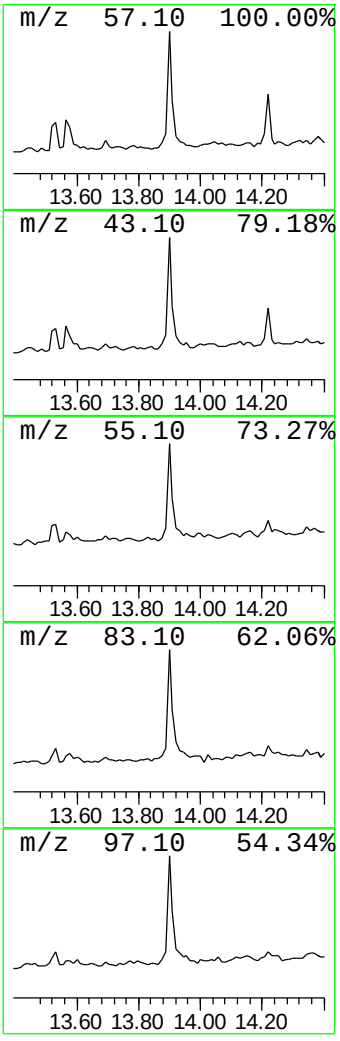
Peak Number 17 Pentafluoropropionic acid, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	5.87 ng	325878	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	81
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	76
4	1-Octadecanol	270	C18H38O	000112-92-5	76
5	1-Octadecene	252	C18H36	000112-88-9	76





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Sample : G3891-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-9(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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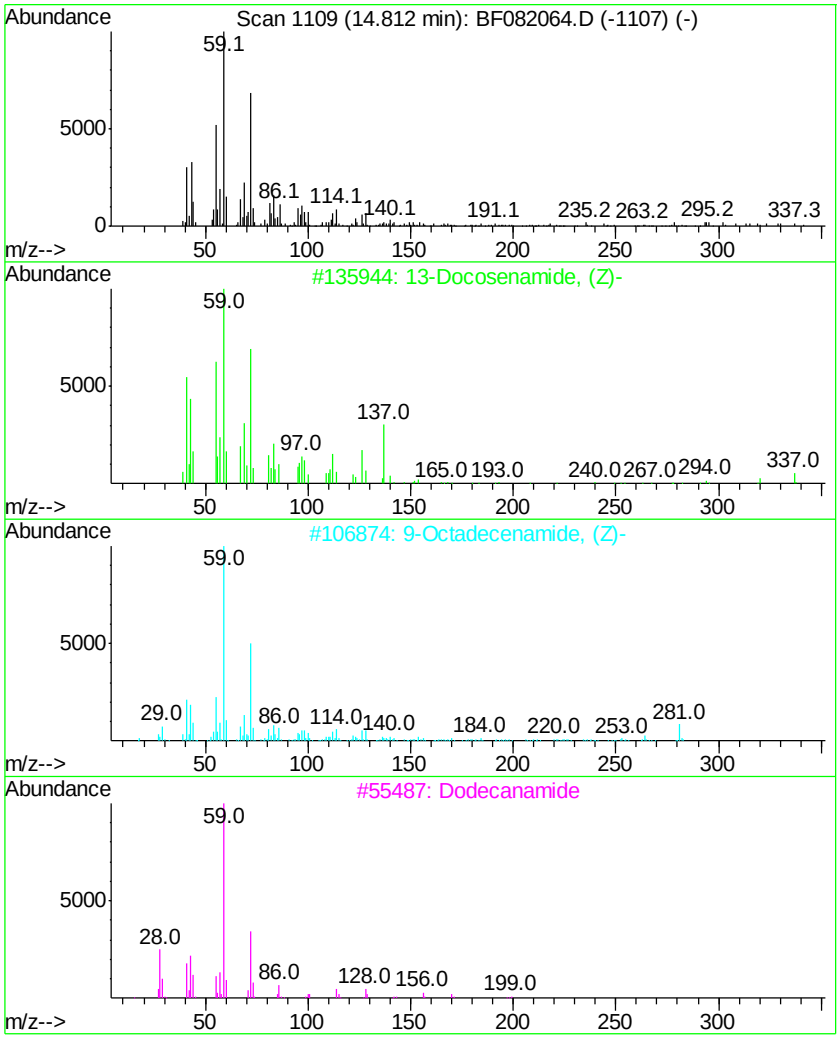
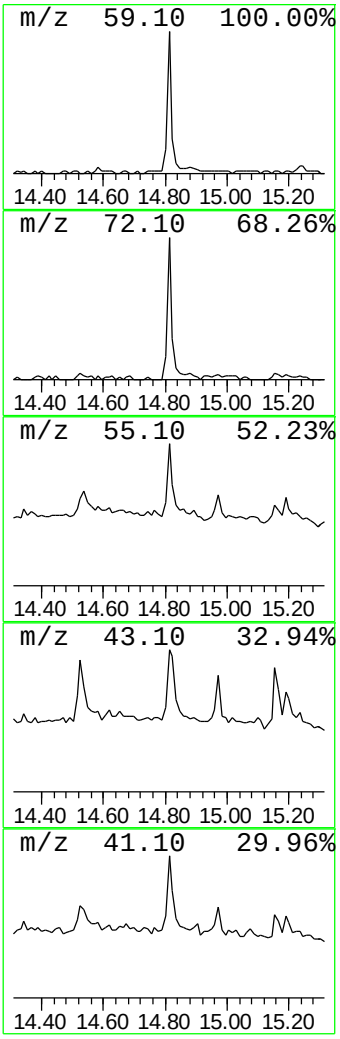
Peak Number 18 13-Docosenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	6.38 ng	199133	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	78
3	Dodecanamide	199	C12H25NO	001120-16-7	53
4	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	53
5	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	50





Tentatively Identified Compound (LSC) summary

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Data File : BF082064.D
Acq On : 6 Oct 2015 1:01
Operator : UM/IZ
Sample : G3891-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-9(0-24)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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
Propane, 1,1-dime...	2.18	3.9	ng	112603	1	6.89	581032	20.0
2-Pentanone, 4-hy...	5.09	53.4	ng	1552440	1	6.89	581032	20.0
unknown6.65	6.65	94.8	ng	2753310	1	6.89	581032	20.0
Tridecane	9.33	2.6	ng	116826	3	9.93	883474	20.0
Naphthalene, 1,6-...	9.51	3.3	ng	145724	3	9.93	883474	20.0
Naphthalene, 2,3-...	9.59	2.7	ng	121079	3	9.93	883474	20.0
Naphthalene, 1,6,...	10.33	2.9	ng	127529	3	9.93	883474	20.0
Pentadecane	10.35	2.8	ng	121409	3	9.93	883474	20.0
Tridecane, 5-propyl-	10.83	13.0	ng	429898	4	11.42	660719	20.0
Naphthalene, 1,2,...	11.16	3.0	ng	99916	4	11.42	660719	20.0
Heneicosane	11.28	4.2	ng	137170	4	11.42	660719	20.0
Hexadecane	11.70	3.3	ng	110122	4	11.42	660719	20.0
Phenanthrene, 2-m...	11.94	6.1	ng	202881	4	11.42	660719	20.0
Phenanthrene, 1-m...	12.02	4.0	ng	132461	4	11.42	660719	20.0
Pentafluoropropio...	13.90	5.9	ng	325878	5	14.06	1110860	20.0
13-Docosenamide, ...	14.81	6.4	ng	199133	6	15.52	624033	20.0