LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086402.D
Acq On : 23 Apr 2016 20:52
Operator : UM/SJ
Sample : H2640-17
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B9(5-9)-C

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-BF042216.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	5.024	255	257	266	rBV	585574	1018528	18.70%	1.830%
2	5.447	291	294	297	rBV	4230105	4727049	86.79%	8.492%
3	5.664	311	313	318	rBV	116436	147419	2.71%	0.265%
4	5.847	327	329	332	rBV	94607	91578	1.68%	0.165%
5	6.487	381	385	387	rBV	4173669	5446482	100.00%	9.785%
6	6.613	393	396	399	rBV	4723894	4906114	90.08%	8.814%
7	6.682	399	402	404	rVV	115344	152513	2.80%	0.274%
8	6.716	404	405	409	rVB	40218	59292	1.09%	0.107%
9	6.842	414	416	419	rBV	1185603	1116764	20.50%	2.006%
10	7.002	427	430	432	rBV	4297982	4029552	73.98%	7.239%
11	7.105	437	439	442	rVV	74305	92995	1.71%	0.167%
12	7.413	463	466	468	rBV	2846360	3415289	62.71%	6.136%
13	7.505	472	474	482	rVB	91188	166466	3.06%	0.299%
14	7.699	489	491	494	rVB	385195	376213	6.91%	0.676%
15	7.882	503	507	509	rBV2	25752	63293	1.16%	0.114%
16	8.133	526	529	531	rBV	937616	1381532	25.37%	2.482%
17	8.350	545	548	551	rBV	107621	155522	2.86%	0.279%
18	8.408	551	553	555	rBV	149073	189688	3.48%	0.341%
19	8.830	588	590	594	rVB2	81528	103133	1.89%	0.185%
20	9.208	620	623	625	rBV	4944031	5211286	95.68%	9.362%
21	9.322	632	633	639	rVB2	67019	125062	2.30%	0.225%
22	9.482	642	647	650	rBV3	39378	72331	1.33%	0.130%
23	9.596	655	657	659	rBV	774886	662426	12.16%	1.190%
24	9.813	675	676	679	rBV2	84741	100295	1.84%	0.180%
25	9.882	679	682	684	rBV	1428814	1404697	25.79%	2.524%
26	10.076	698	699	702	rBV2	38717	55729	1.02%	0.100%
27	10.316	718	720	722	rVB	182714	156014	2.86%	0.280%
28	10.419	728	729	733	rVB2	61529	85737	1.57%	0.154%
29	10.533	736	739	742	rBV2	68107	118288	2.17%	0.213%
30	10.671	748	751	753	rBV	2196546	2657111	48.79%	4.774%
31	10.785	760	761	765	rVB	212995	252656	4.64%	0.454%
32	10.979	775	778	783	rBV3	37794	85174	1.56%	0.153%
33	11.231	797	800	802	rBV3	113819	177245	3.25%	0.318%
34	11.265	802	803	807	rVB2	74214	76950	1.41%	0.138%

LSC Area Percent Report

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Acq On : 23 Apr 2016 20:52
Operator : UM/SJ
Sample : H2640-17
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B9(5-9)-C

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-BF042216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.356	809	811	816	rBV2	877984	1952157	35.84%	3.507%
36	11.436	816	818	820	rVB	170499	175773	3.23%	0.316%
37	11.596	829	832	836	rBV2	54551	125081	2.30%	0.225%
38	11.665	836	838	839	rVB	48704	62787	1.15%	0.113%
39	11.859	853	855	856	rBV	82294	89322	1.64%	0.160%
40	11.894	856	858	860	rVV	112079	128141	2.35%	0.230%
41	11.939	860	862	863	rVV2	42545	62904	1.15%	0.113%
42	11.974	863	865	869	rVB2	143475	238565	4.38%	0.429%
43	12.156	879	881	887	rVB2	55078	106668	1.96%	0.192%
44	12.419	901	904	905	rBV	59232	93475	1.72%	0.168%
45	12.454	905	907	910	rVV	79443	100227	1.84%	0.180%
46	12.579	915	918	920	rBV	924407	1030127	18.91%	1.851%
47	12.797	933	937	941	rBV	911437	1285413	23.60%	2.309%
48	12.945	947	950	953	rBV	3007572	3871958	71.09%	6.956%
49	13.128	964	966	968	rVB	85126	95287	1.75%	0.171%
50	13.185	968	971	973	rBV2	119235	191052	3.51%	0.343%
51	13.231	973	975	979	rVV2	87900	128347	2.36%	0.231%
52	13.482	995	997	998	rBV2	75529	106657	1.96%	0.192%
53	13.528	998	1001	1006	rVV2	90947	224118	4.11%	0.403%
54	13.848	1027	1029	1034	rBV2	264834	354043	6.50%	0.636%
55	13.997	1039	1042	1050	rVV2	970890	1954814	35.89%	3.512%
56	14.168	1055	1057	1058	rBV	113590	139197	2.56%	0.250%
57	14.488	1081	1085	1090	rBV4	332680	794757	14.59%	1.428%
58	14.797	1110	1112	1119	rVB3	221047	309547	5.68%	0.556%
59	15.014	1128	1131	1135	rBV	277055	669608	12.29%	1.203%
60	15.128	1139	1141	1149	rVV3	245141	685371	12.58%	1.231%
61	15.300	1153	1156	1159	rVB	135298	213149	3.91%	0.383%
62	15.357	1159	1161	1164	rBV	216672	318327	5.84%	0.572%
63	15.414	1164	1166	1171	rVB	479403	745549	13.69%	1.339%
64	15.860	1203	1205	1208	rBV	95957	181472	3.33%	0.326%
65	17.106	1311	1314	1320	rVB3	154385	347212	6.37%	0.624%

Sum of corrected areas: 55661528

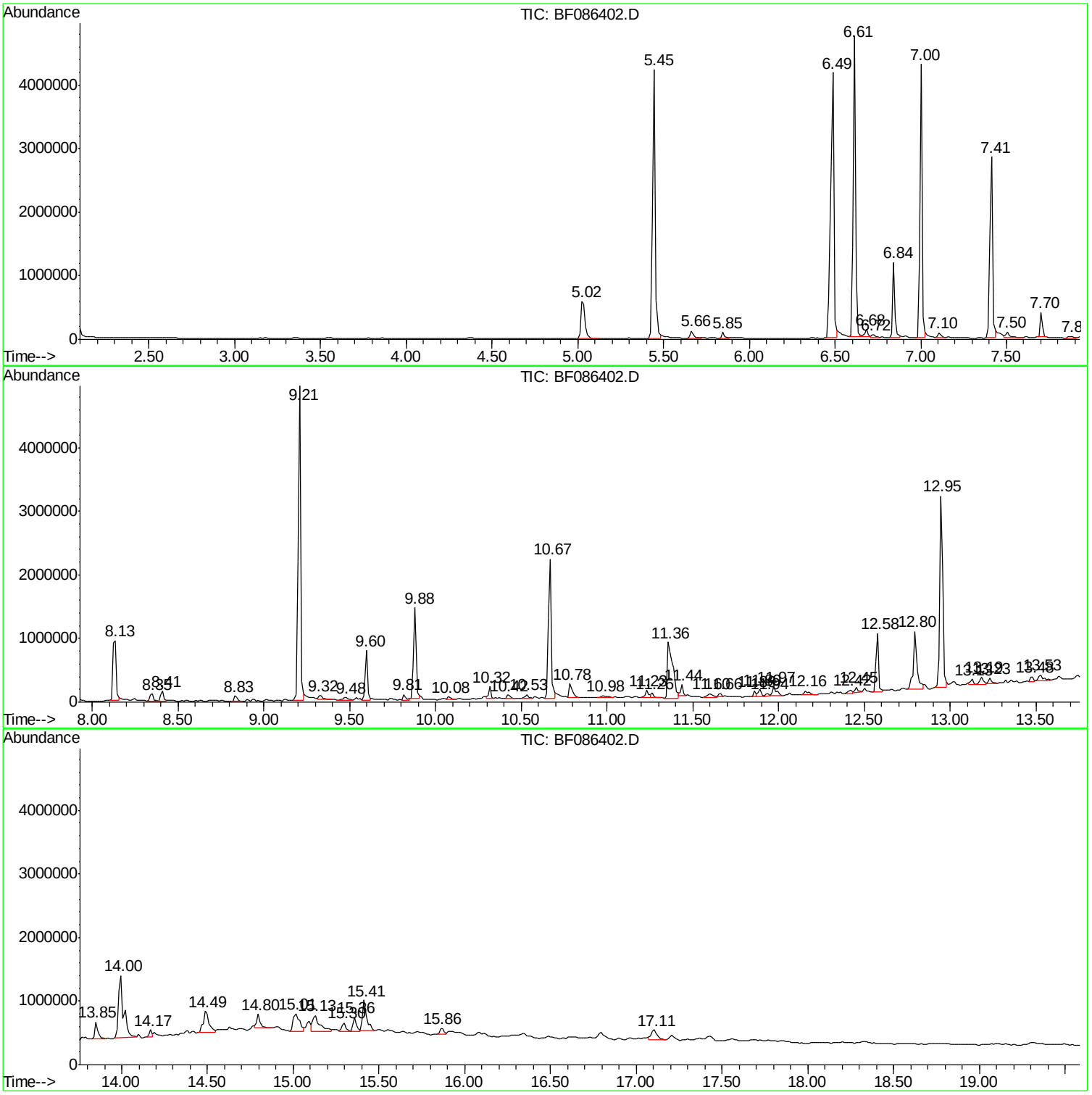
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086402.D
Acq On : 23 Apr 2016 20:52
Operator : UM/SJ
Sample : H2640-17
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B9(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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\BF042216\
Data File : BF086402.D
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Operator : UM/SJ
Sample : H2640-17
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

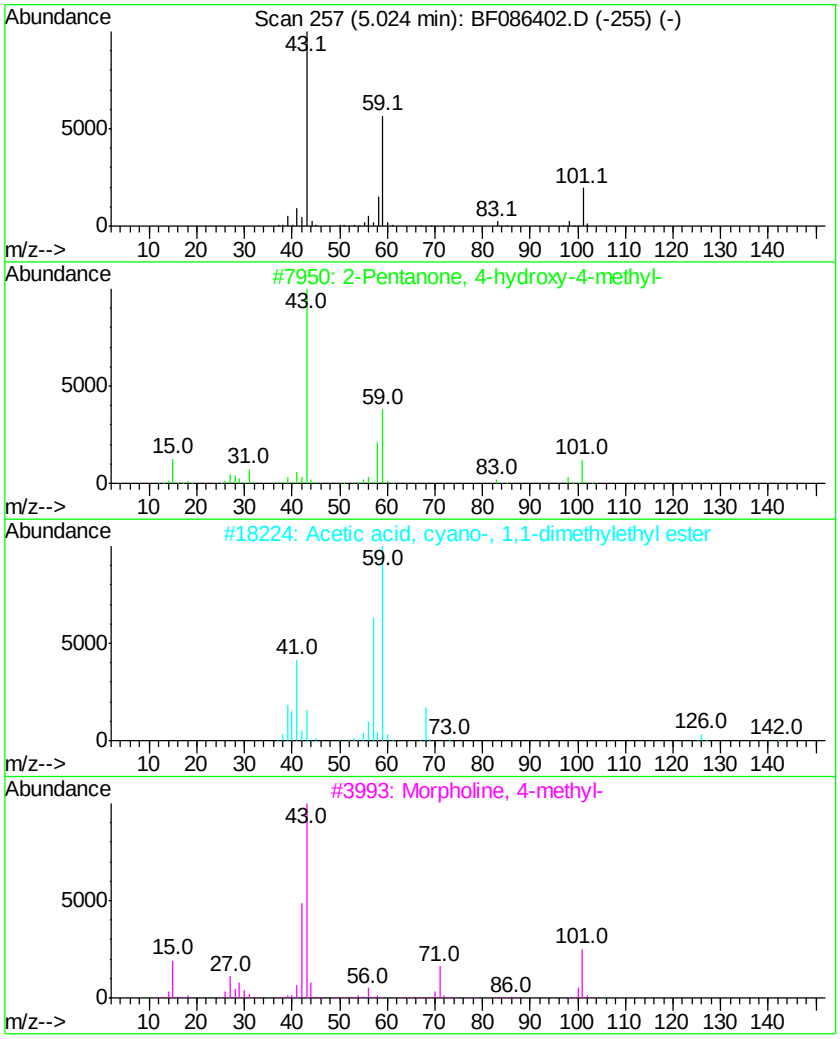
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

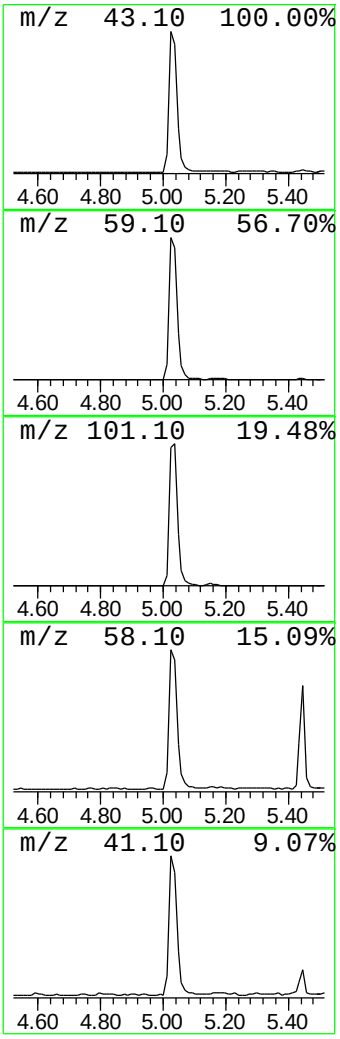
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	18.24 ng	1018530	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086402.D
Acq On : 23 Apr 2016 20:52
Operator : UM/SJ
Sample : H2640-17
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B9(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

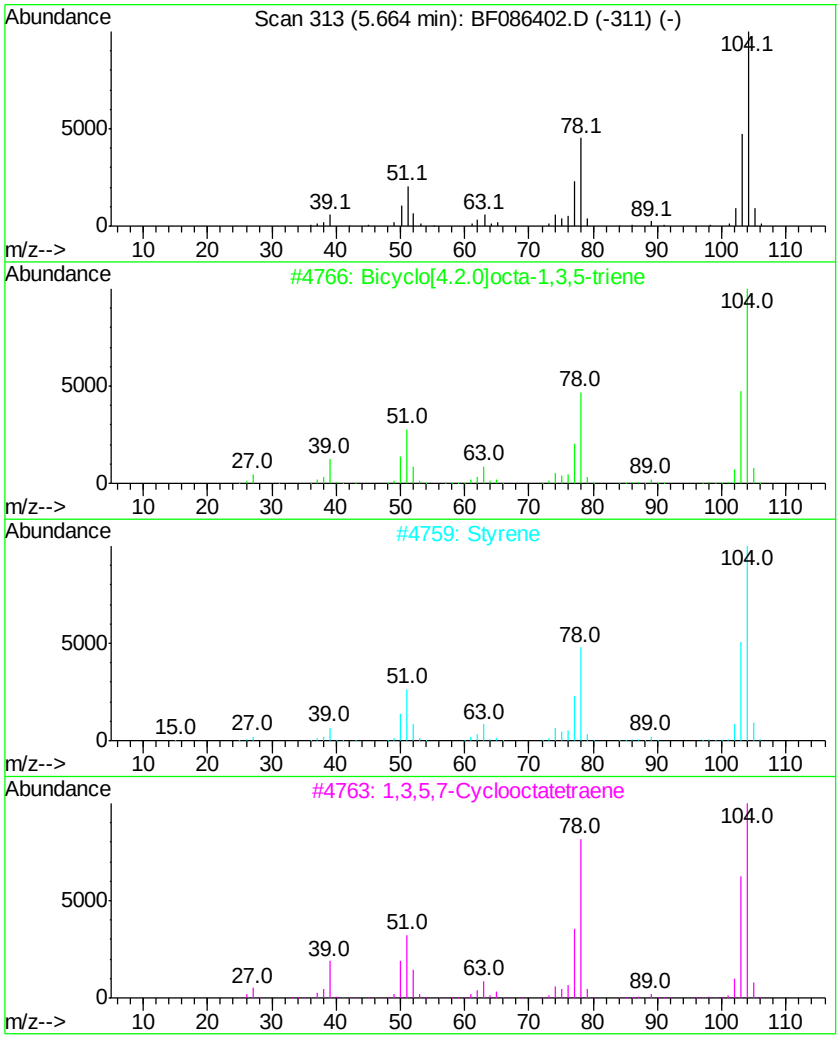
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

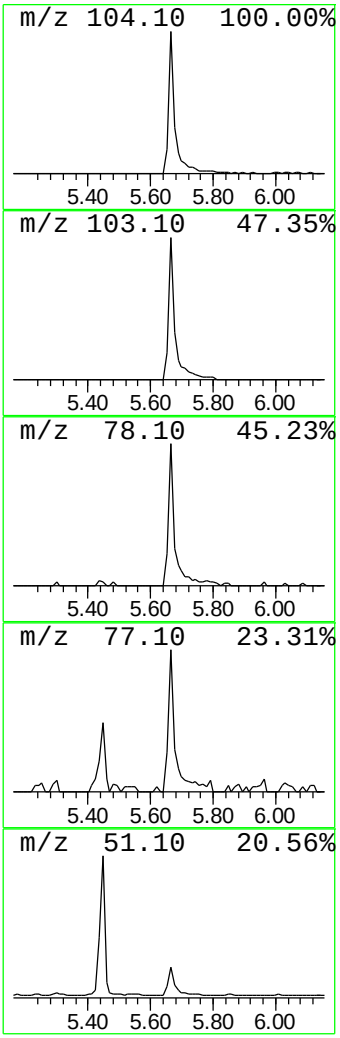
****

Peak Number 2 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	2.64 ng	147419	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	97
2	Styrene	104	C8H8	000100-42-5	97
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	95
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	72
5	3(2H)-Furanone, dihydro-2,2-dime...	190	C12H14O2	063678-00-2	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086402.D
Acq On : 23 Apr 2016 20:52
Operator : UM/SJ
Sample : H2640-17
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B9(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

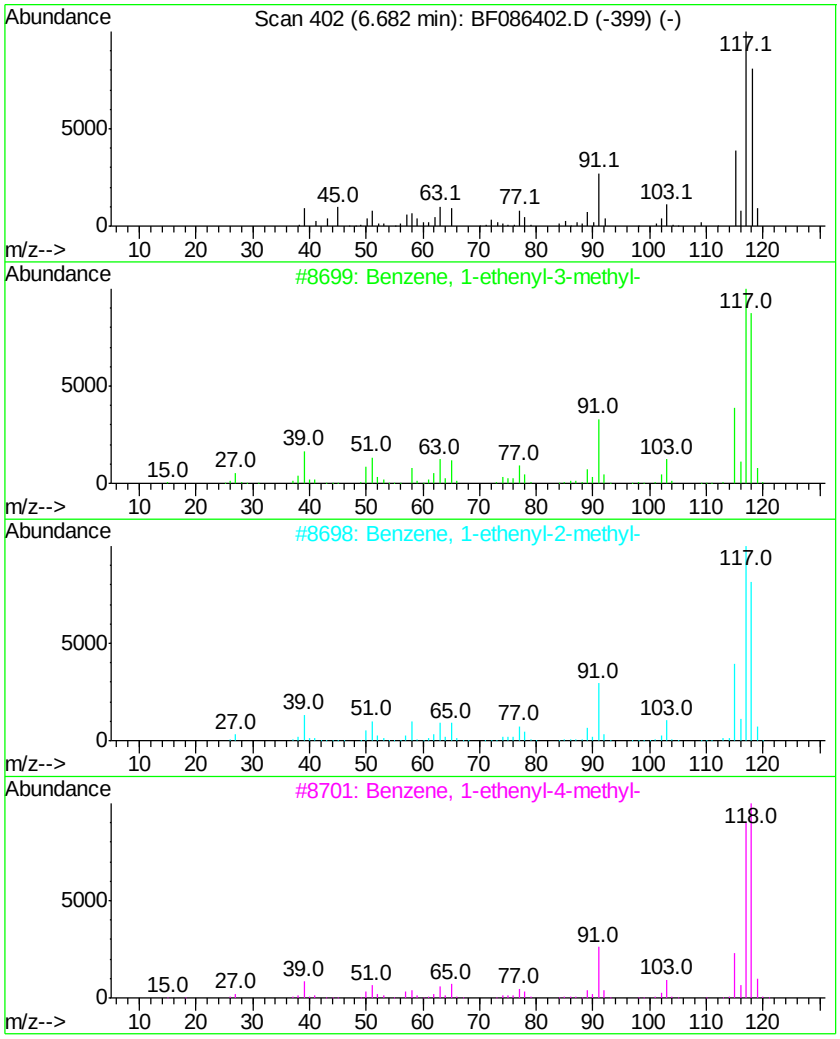
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

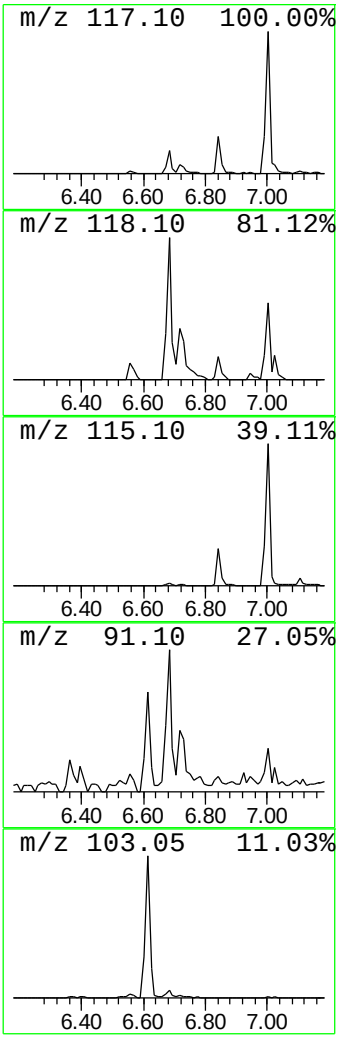
****

Peak Number 4 Benzene, 1-ethenyl-3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	2.73 ng	152513	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
4	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	90
5	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086402.D
Acq On : 23 Apr 2016 20:52
Operator : UM/SJ
Sample : H2640-17
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B9(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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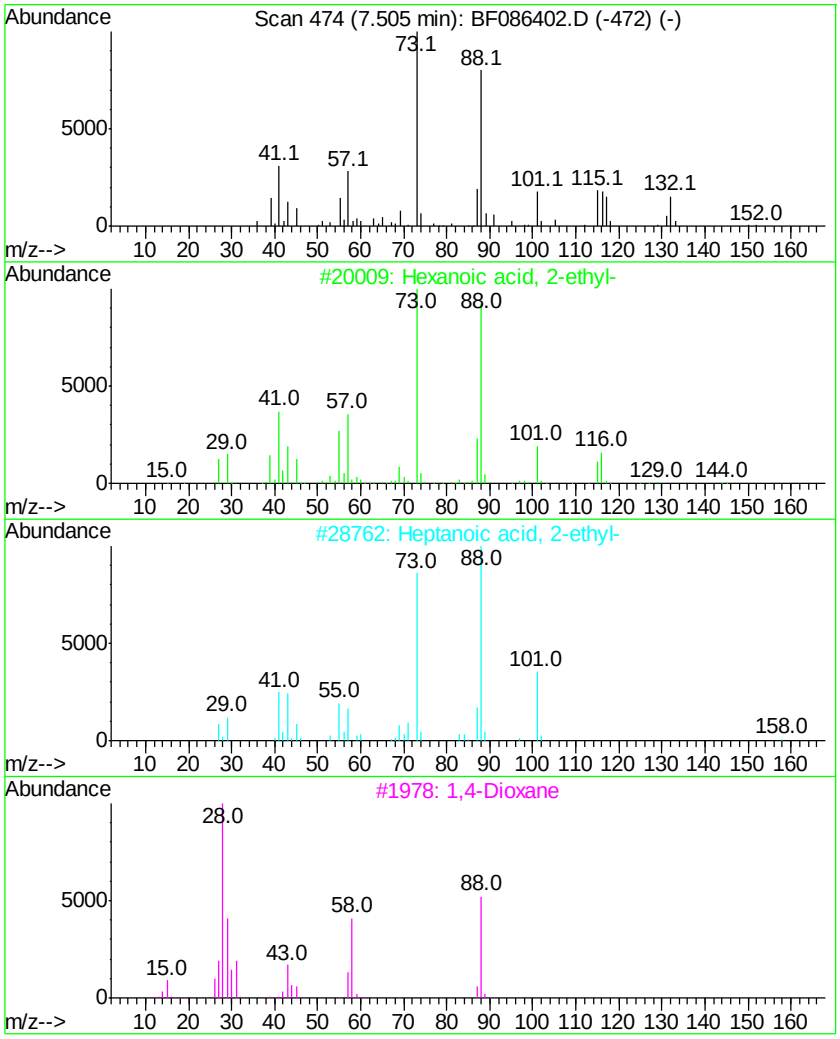
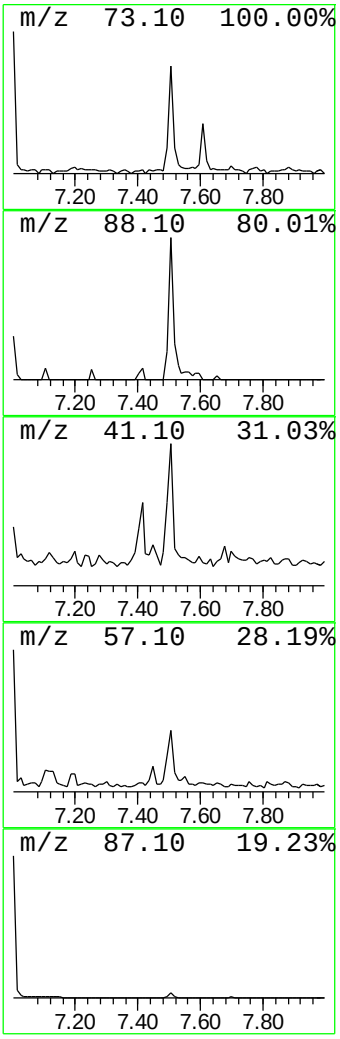
Peak Number 6 Hexanoic acid, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	2.41 ng	166466	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	59
3	1,4-Dioxane	88	C4H8O2	000123-91-1	38
4	N-Carbomethoxy-N-nitroso-N-ethyl...	132	C4H8N2O3	010546-23-3	37
5	Hexanoic acid, ethyl ester	144	C8H16O2	000123-66-0	28





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086402.D
Acq On : 23 Apr 2016 20:52
Operator : UM/SJ
Sample : H2640-17
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B9(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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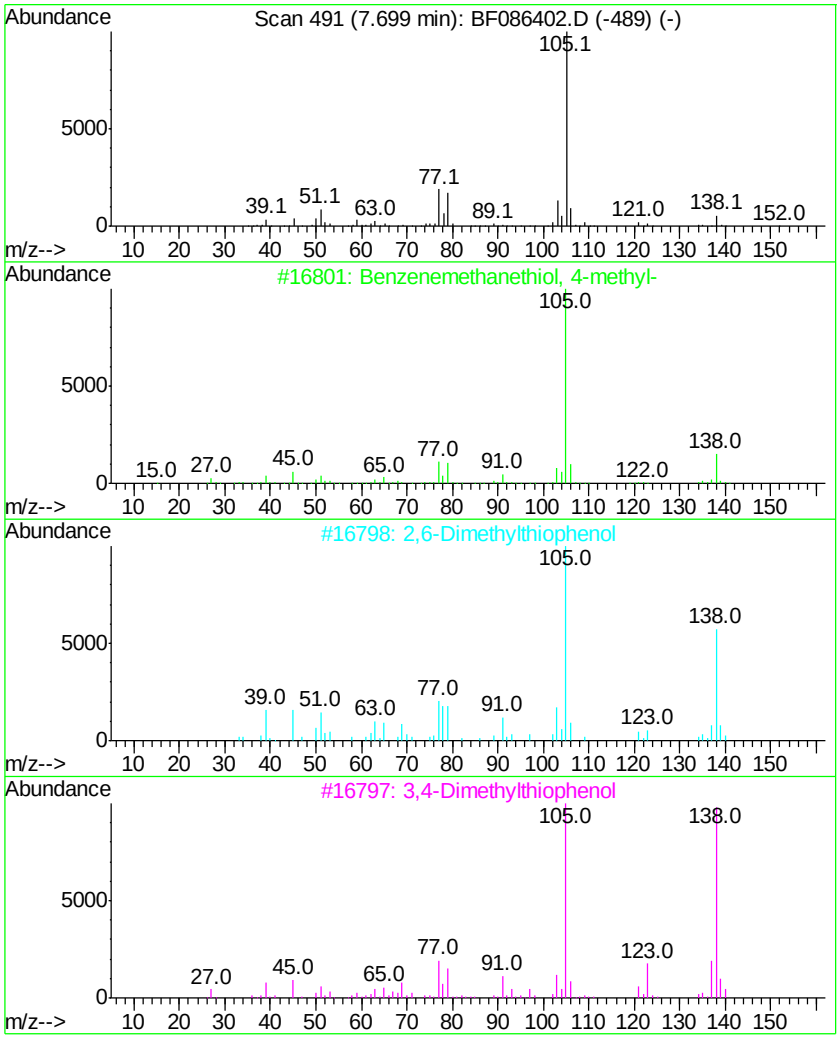
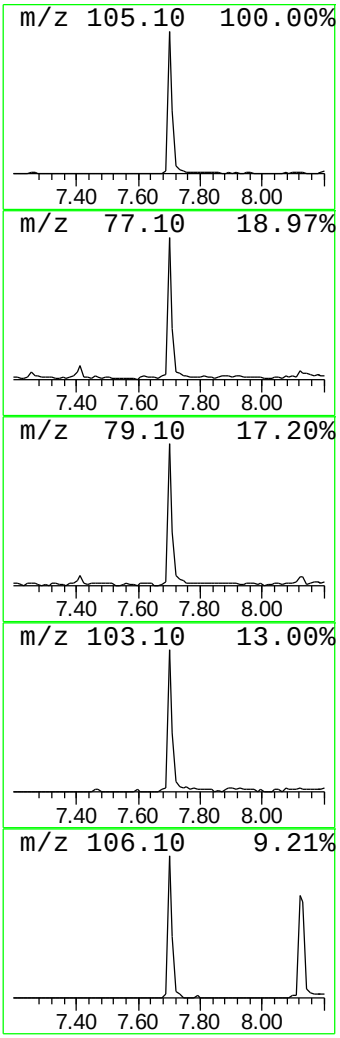
Peak Number 7 Benzenemethanethiol, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	5.45 ng	376213	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	86
2	2,6-Dimethylthiophenol	138	C8H10S	000118-72-9	78
3	3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
4	2,4-Dimethylthiophenol	138	C8H10S	013616-82-5	78
5	3,5-Dimethylthiophenol	138	C8H10S	038360-81-5	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086402.D
Acq On : 23 Apr 2016 20:52
Operator : UM/SJ
Sample : H2640-17
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B9(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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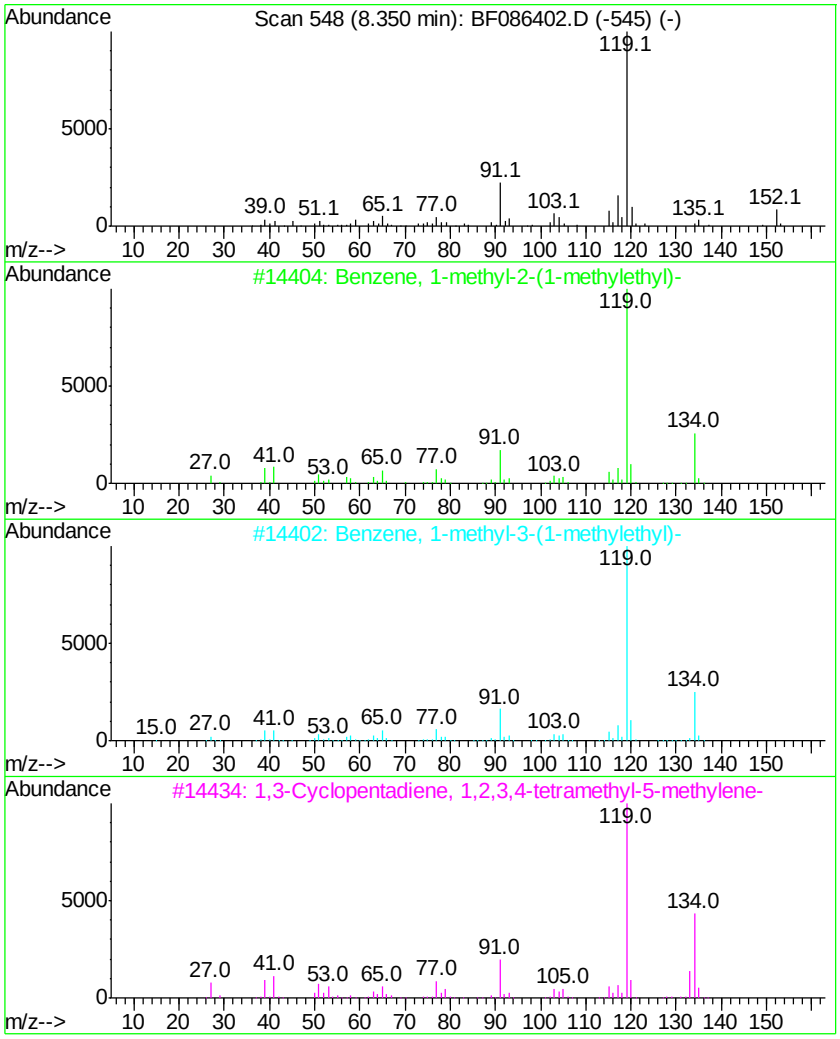
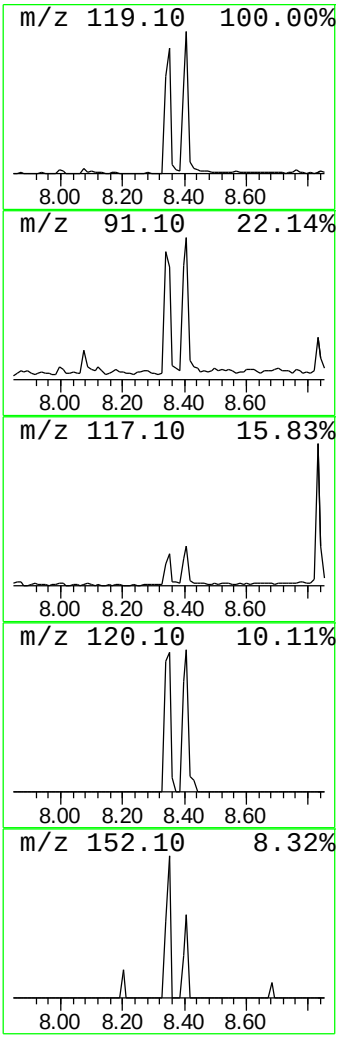
Peak Number 8 Benzene, 1-methyl-2-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	2.25 ng	155522	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	87
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	83
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	83
5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086402.D
Acq On : 23 Apr 2016 20:52
Operator : UM/SJ
Sample : H2640-17
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B9(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

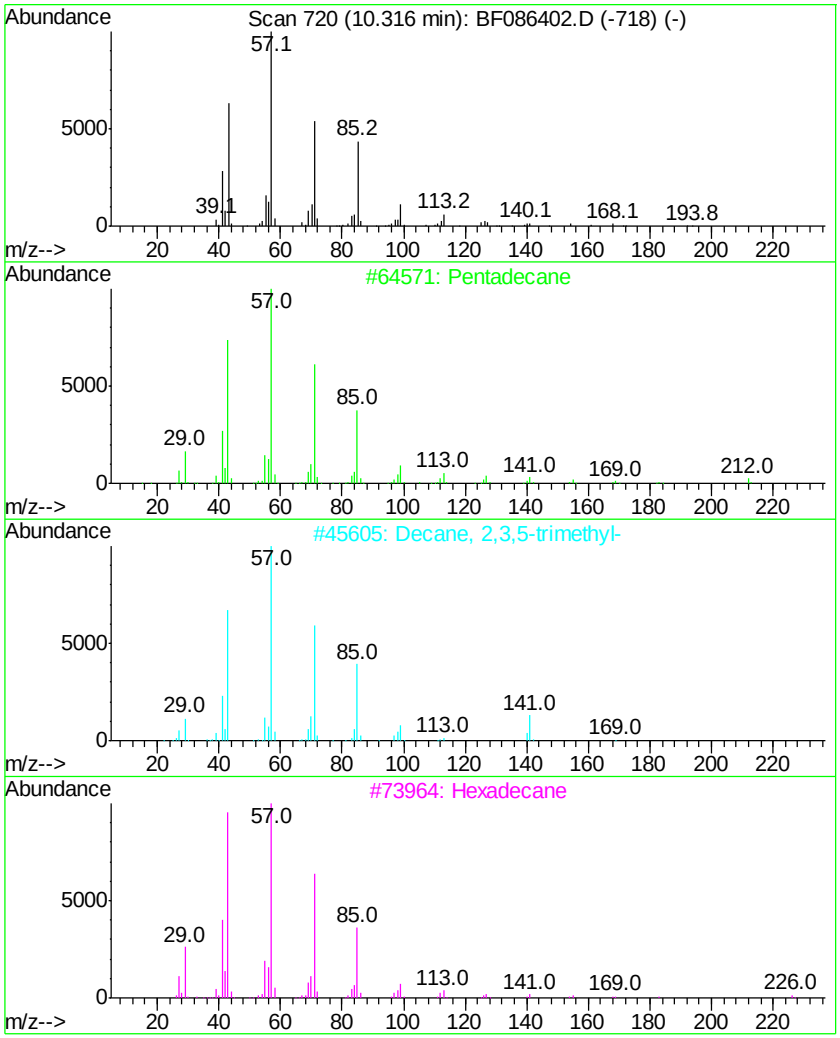
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

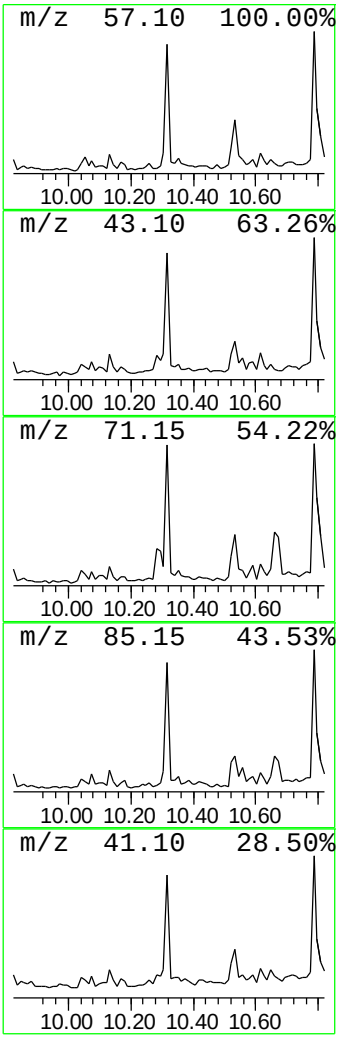
****

Peak Number 10 Pentadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.22 ng	156014	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
3	Hexadecane	226	C16H34	000544-76-3	83
4	Heneicosane	296	C21H44	000629-94-7	78
5	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086402.D
Acq On : 23 Apr 2016 20:52
Operator : UM/SJ
Sample : H2640-17
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B9(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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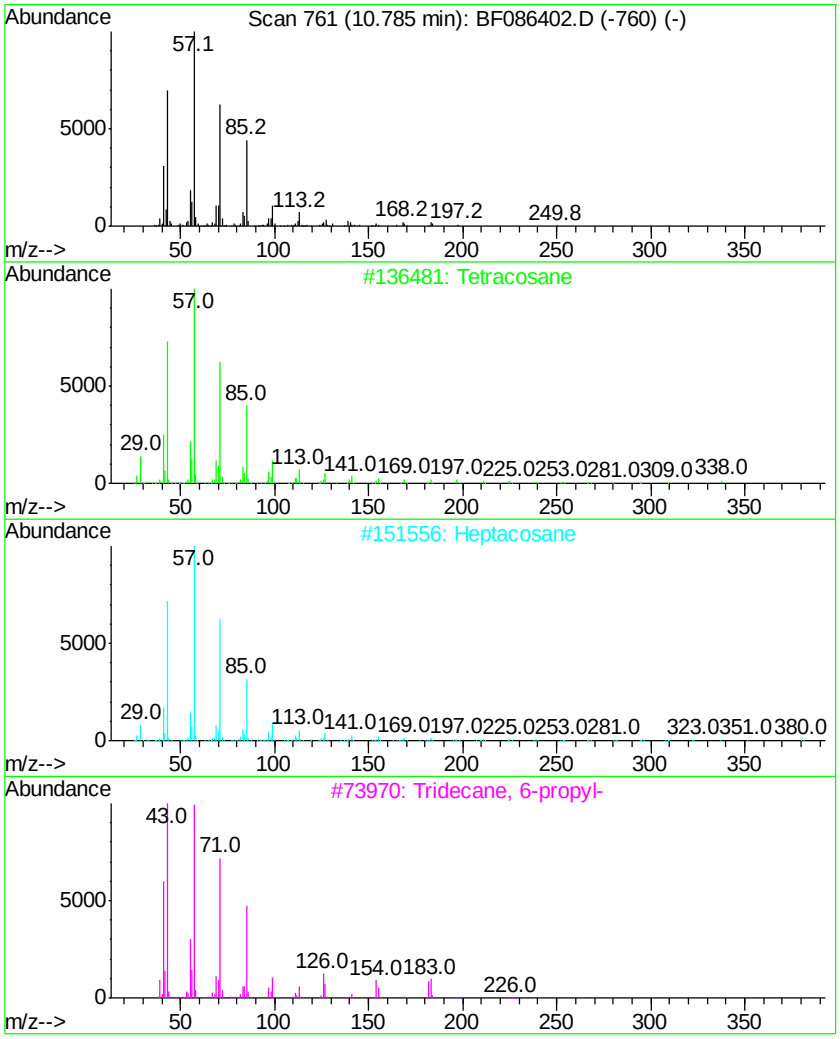
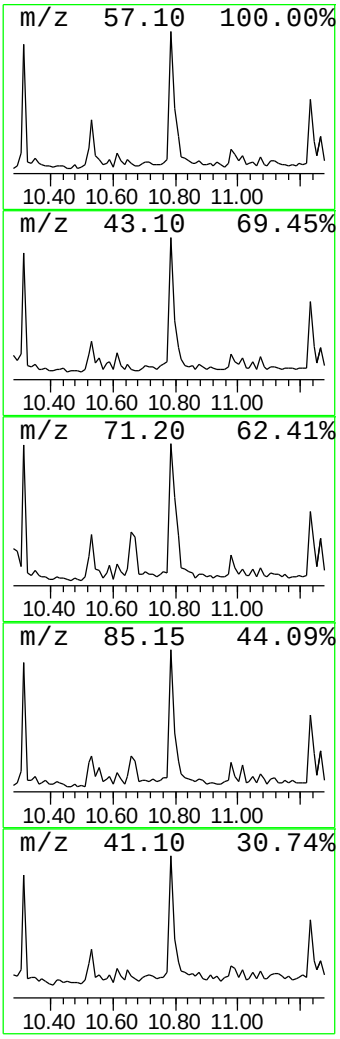
Peak Number 11 Tetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	2.59 ng	252656	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Nonadecane	268	C19H40	000629-92-5	87





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Data File : BF086402.D
Acq On : 23 Apr 2016 20:52
Operator : UM/SJ
Sample : H2640-17
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B9(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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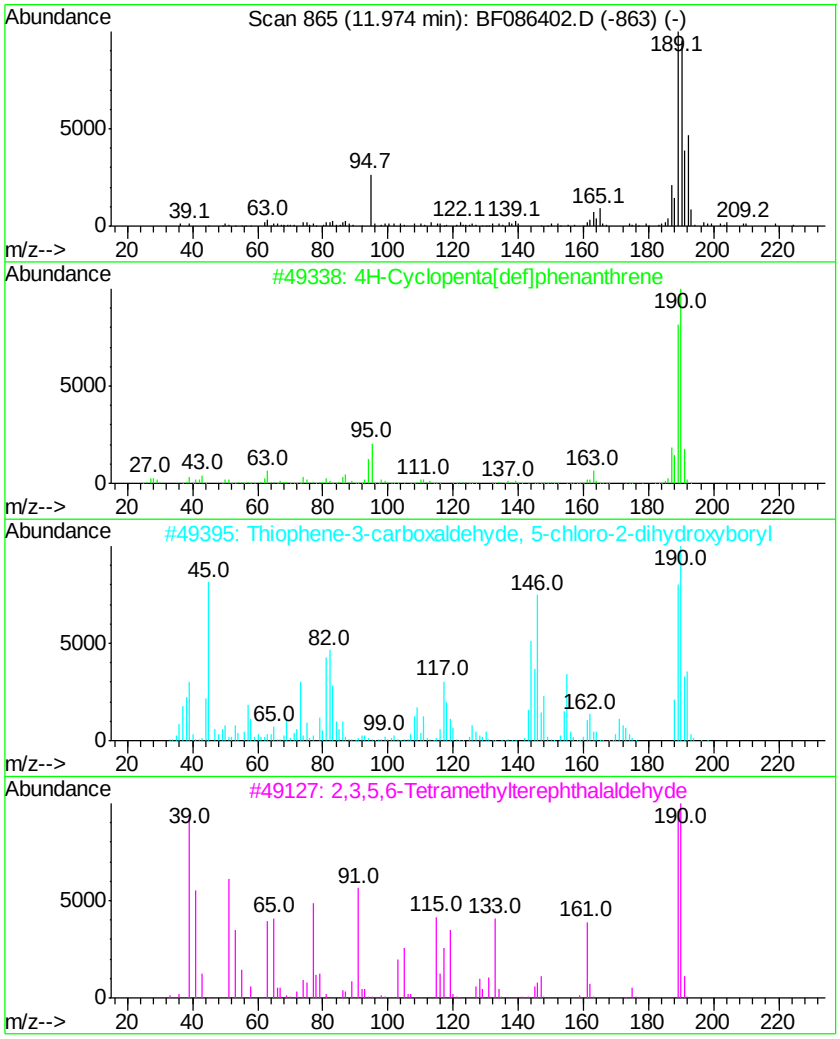
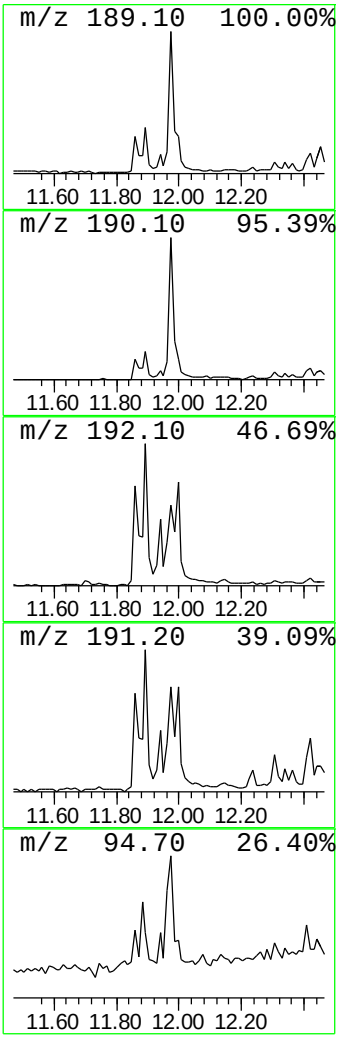
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.44 ng	238565	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40
5	Hydrazinecarboxaldehyde, 2-[3-(m...	190	C4H6N4OS2	038362-25-3	10





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Data File : BF086402.D
Acq On : 23 Apr 2016 20:52
Operator : UM/SJ
Sample : H2640-17
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B9(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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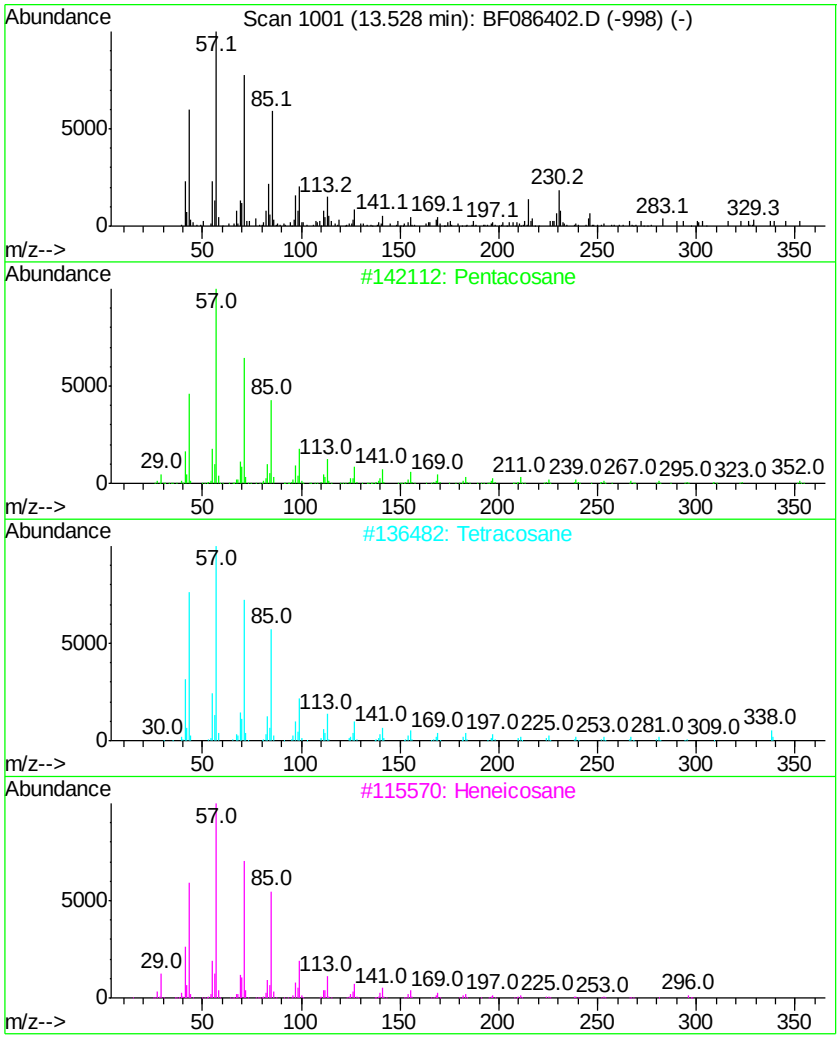
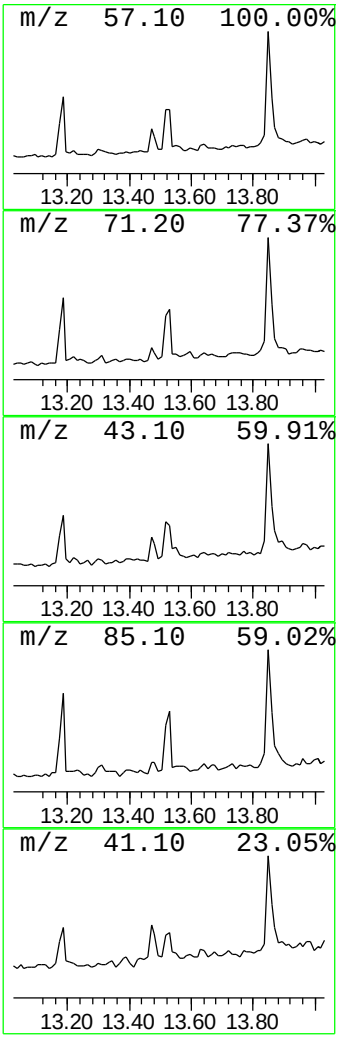
Peak Number 13 Pentacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	2.29 ng	224118	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Tetracosane	338	C24H50	000646-31-1	81
3	Heneicosane	296	C21H44	000629-94-7	74
4	Tetratriacontane	479	C34H70	014167-59-0	74
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	72





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Acq On : 23 Apr 2016 20:52
Operator : UM/SJ
Sample : H2640-17
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B9(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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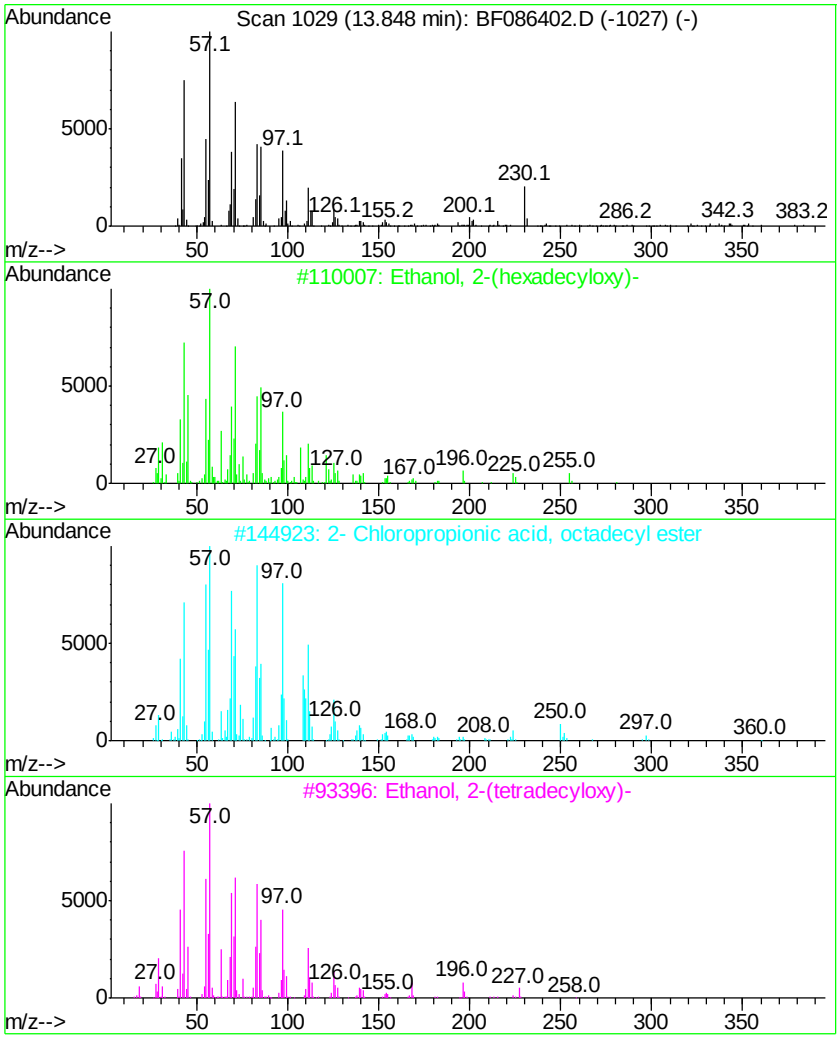
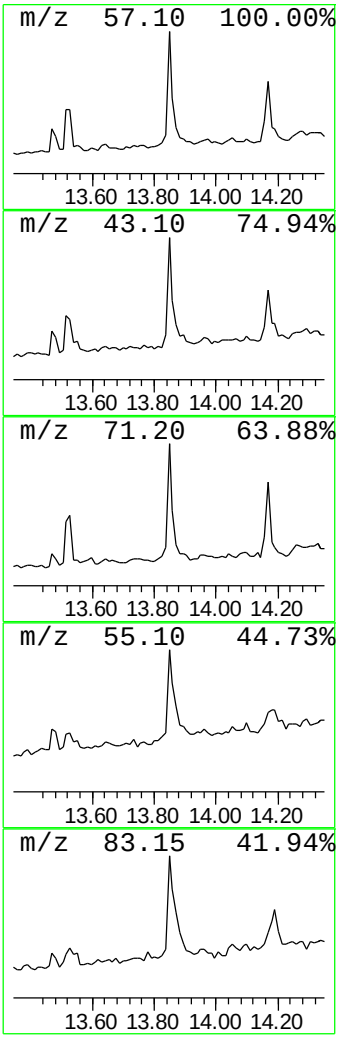
Peak Number 14 Ethanol, 2-(hexadecyloxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	3.62 ng	354043	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	83
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	52
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	49
4	Hexadecane	226	C16H34	000544-76-3	49
5	1-Octadecene	252	C18H36	000112-88-9	49





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Acq On : 23 Apr 2016 20:52
Operator : UM/SJ
Sample : H2640-17
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B9(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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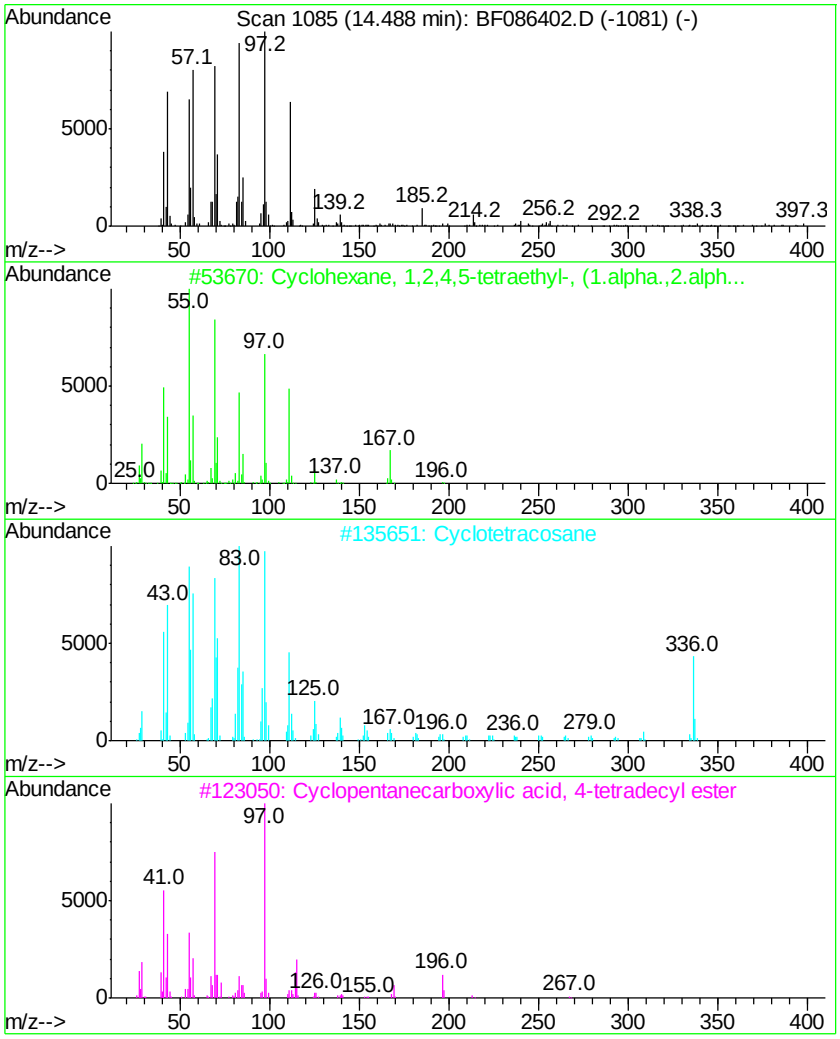
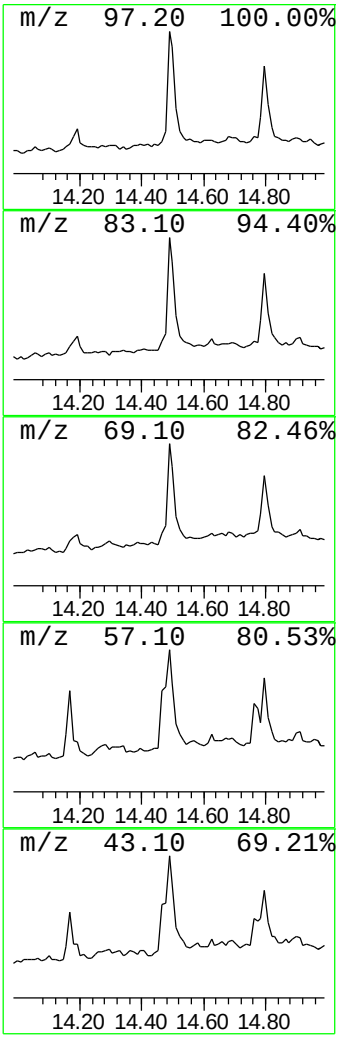
Peak Number 15 Cyclohexane, 1,2,4,5-tetrae... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	8.13 ng	794757	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	55
2	Cyclotetracosane	336	C24H48	000297-03-0	42
3	Cyclopentanecarboxylic acid, 4-t...	310	C20H38O2	1000280-58-9	38
4	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	38
5	Cyclohexanecarboxylic acid, 1-cy...	224	C14H24O2	1000279-52-6	38





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Data File : BF086402.D
Acq On : 23 Apr 2016 20:52
Operator : UM/SJ
Sample : H2640-17
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B9(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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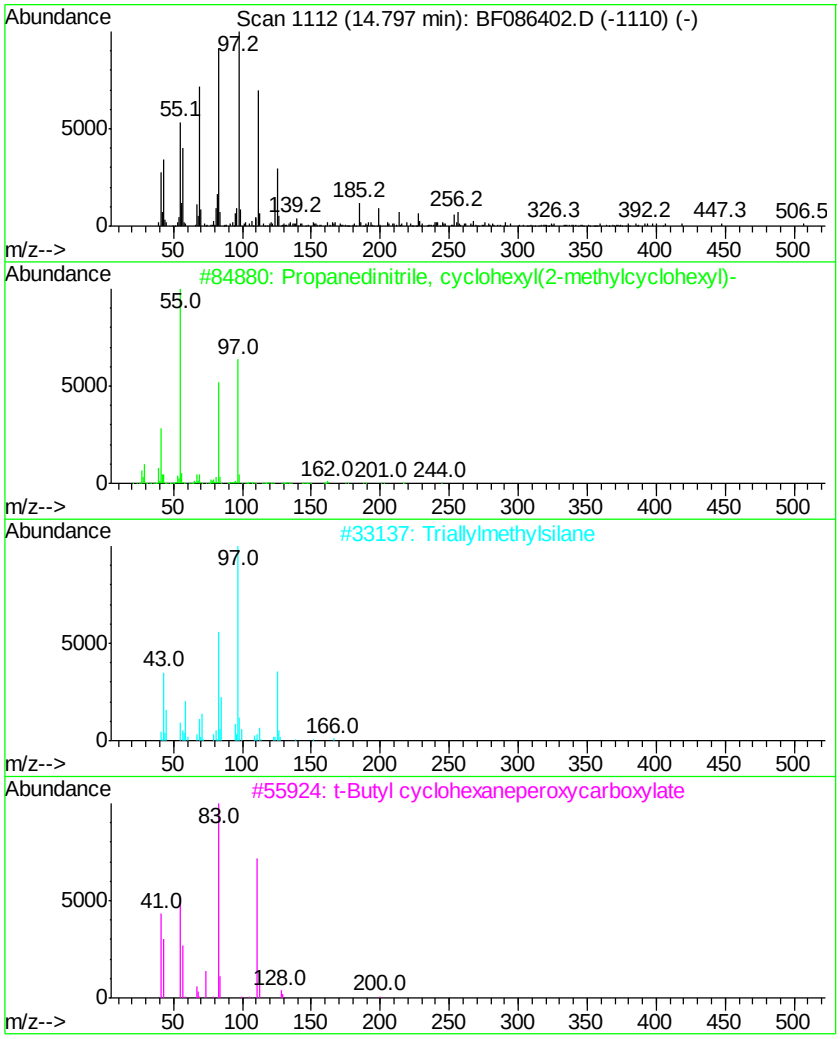
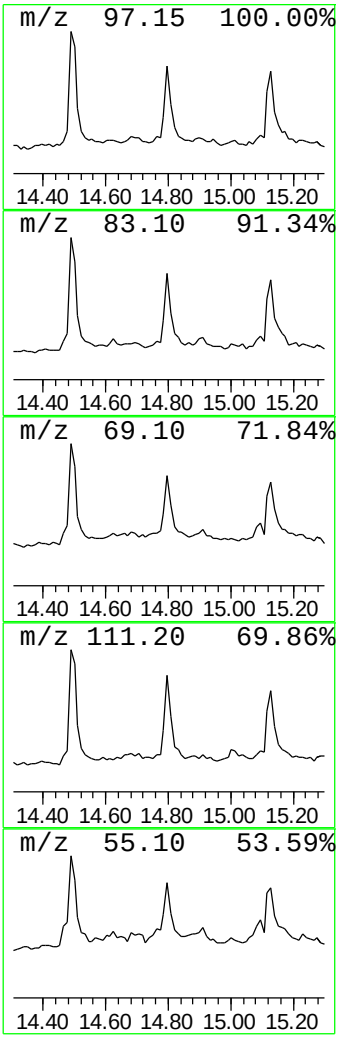
Peak Number 16 Propanedinitrile, cyclohexy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	8.30 ng	309547	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	50
2	Triallylmethylsilane	166	C10H18Si	001112-91-0	49
3	t-Butyl cyclohexaneperoxycarboxy...	200	C11H20O3	020396-49-0	43
4	2-Thiopheneacetic acid, 2-ethylc...	252	C14H20O2S	1000278-96-1	38
5	Cyclohexanecarboxylic acid, 4-fo...	232	C14H16O3	146606-04-4	38





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Acq On : 23 Apr 2016 20:52
Operator : UM/SJ
Sample : H2640-17
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B9(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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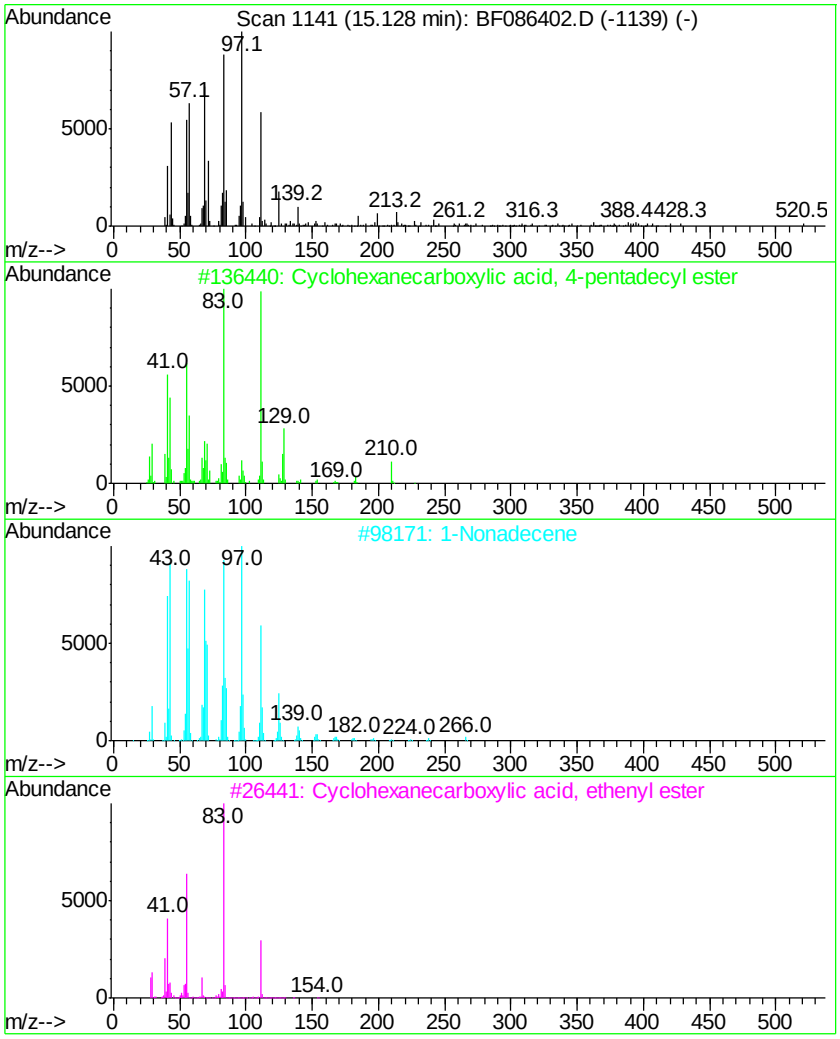
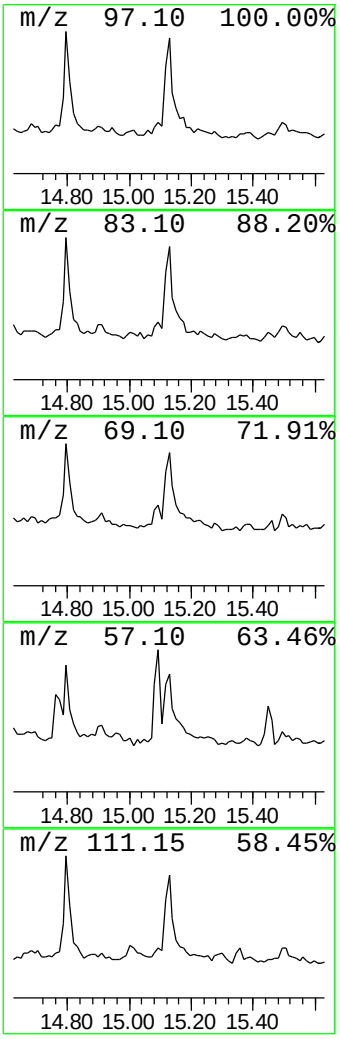
Peak Number 17 unknown15.13 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	18.39 ng	685371	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 4-pe...	338	C22H42O2	1000280-60-1	43
2	1-Nonadecene	266	C19H38	018435-45-5	38
3	Cyclohexanecarboxylic acid, ethe...	154	C9H14O2	004840-76-0	35
4	Decane, 4,5-dibromo-, (R*,R*)-	298	C10H20Br2	061141-70-6	35
5	Cyclobutanecarboxylic acid, 4-tr...	282	C18H34O2	1000280-57-7	27





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Data File : BF086402.D
Acq On : 23 Apr 2016 20:52
Operator : UM/SJ
Sample : H2640-17
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B9(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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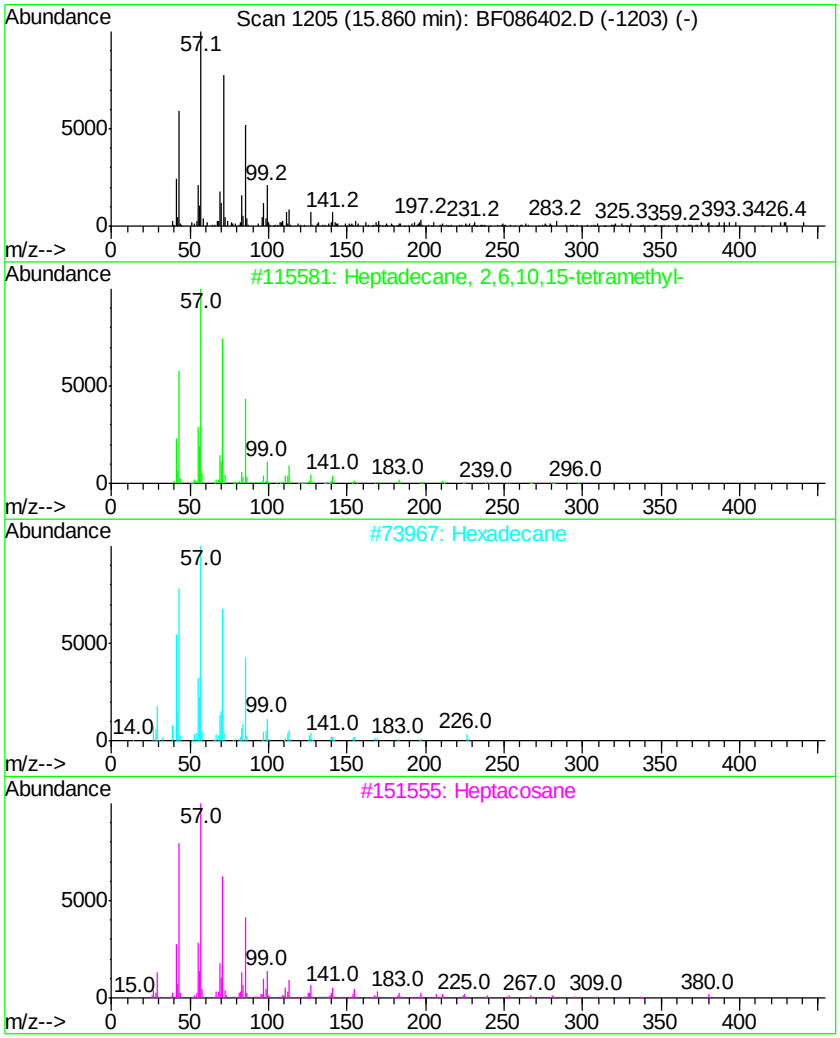
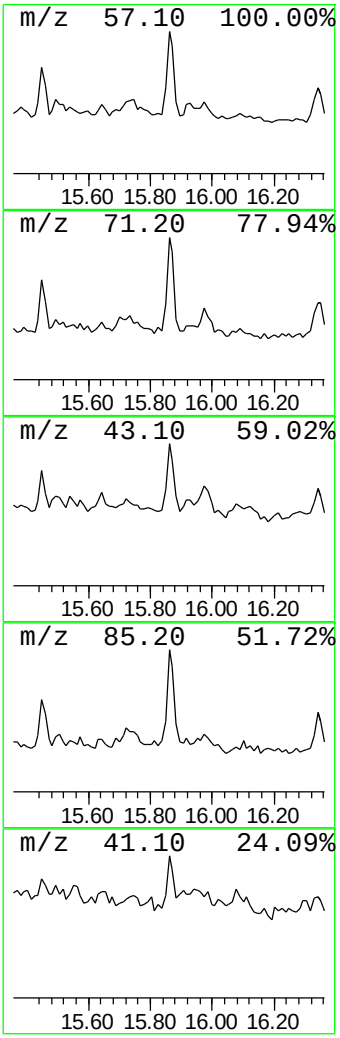
Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	4.87 ng	181472	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptacosane	380	C27H56	000593-49-7	89
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
5	10-Methylnonadecane	282	C20H42	056862-62-5	86





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Operator : UM/SJ
Sample : H2640-17
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B9(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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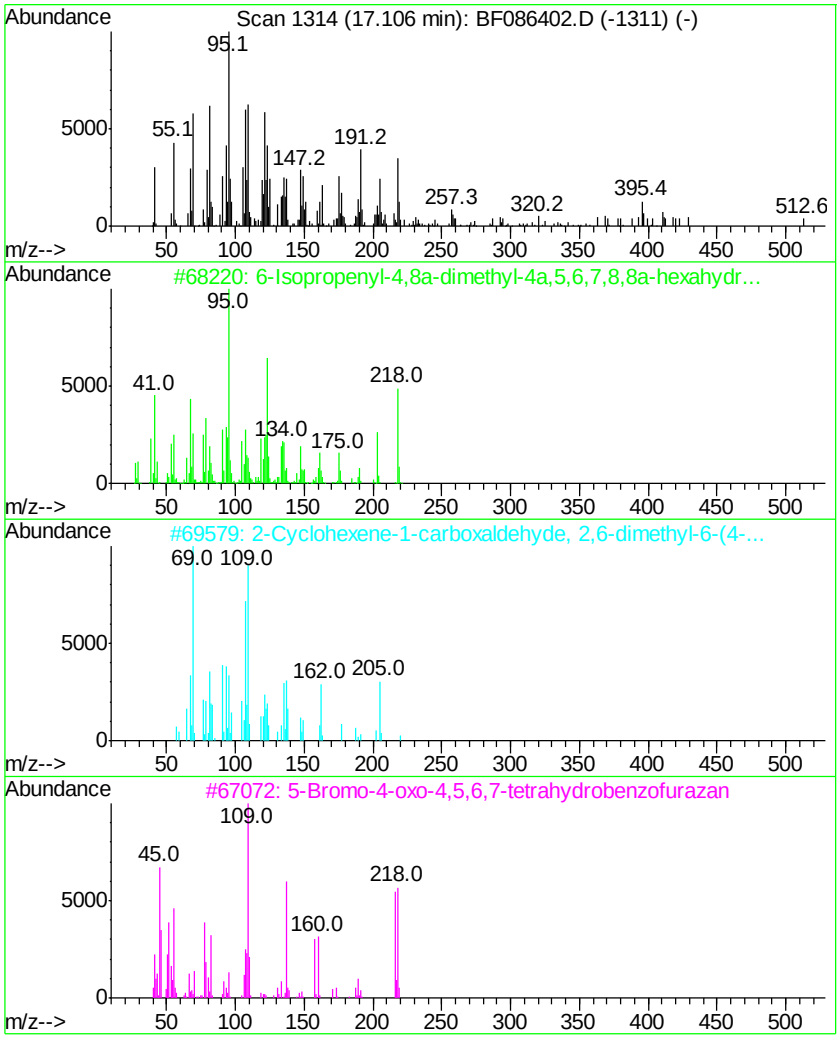
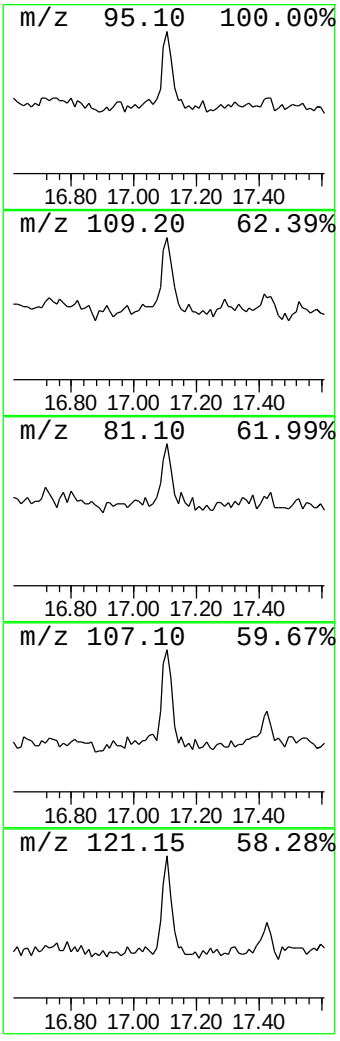
Peak Number 20 unknown17.11 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.11	9.31 ng	347212	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	47
2	2-Cyclohexene-1-carboxaldehyde, ...	220	C15H24O	056772-07-7	42
3	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	38
4	Ergost-25-ene-3,5,6,12-tetrol, (...	448	C28H48O4	056052-97-2	38
5	2,2,4a,6a,8a,9,12b,14a-Octamethy...	410	C30H50	053013-35-7	37





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086402.D
Acq On : 23 Apr 2016 20:52
Operator : UM/SJ
Sample : H2640-17
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WPG-B9(5-9)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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...	5.02	18.2	ng	1018530	1	6.84	1116760	20.0
Bicyclo[4.2.0]oct...	5.66	2.6	ng	147419	1	6.84	1116760	20.0
Benzene, 1-etheny...	6.68	2.7	ng	152513	1	6.84	1116760	20.0
Hexanoic acid, 2-...	7.50	2.4	ng	166466	2	8.13	1381530	20.0
Benzenemethanethi...	7.70	5.5	ng	376213	2	8.13	1381530	20.0
Benzene, 1-methyl...	8.35	2.3	ng	155522	2	8.13	1381530	20.0
Pentadecane	10.32	2.2	ng	156014	3	9.88	1404700	20.0
Tetracosane	10.78	2.6	ng	252656	4	11.36	1952160	20.0
4H-Cyclopenta[def...	11.97	2.4	ng	238565	4	11.36	1952160	20.0
Pentacosane	13.53	2.3	ng	224118	5	14.00	1954810	20.0
Ethanol, 2-(hexad...	13.85	3.6	ng	354043	5	14.00	1954810	20.0
Cyclohexane, 1,2,...	14.49	8.1	ng	794757	5	14.00	1954810	20.0
Propanedinitrile,...	14.80	8.3	ng	309547	6	15.41	745549	20.0
unknown15.13	15.13	18.4	ng	685371	6	15.41	745549	20.0
Heptadecane, 2,6,...	15.86	4.9	ng	181472	6	15.41	745549	20.0
unknown17.11	17.11	9.3	ng	347212	6	15.41	745549	20.0