LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080006.D
Acq On : 17 Jun 2015 1:37
Operator : TP/IZ
Sample : G2474-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-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-BF061115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.647	47	49	53	rVB	15436	23200	1.77%	0.274%
2	4.984	164	166	169	rVB2	35251	38373	2.93%	0.453%
3	5.567	215	217	223	rVB	106981	102708	7.85%	1.212%
4	5.956	249	251	254	rBV	316292	303124	23.17%	3.577%
5	6.561	303	304	309	rBV	83863	113332	8.66%	1.337%
6	6.630	309	310	313	rVB	17620	18373	1.40%	0.217%
7	6.950	335	338	340	rBV	240876	220603	16.86%	2.603%
8	7.110	350	352	355	rBV	415792	548408	41.92%	6.471%
9	7.167	355	357	361	rVB	12836	19105	1.46%	0.225%
10	7.350	371	373	376	rVB	334699	277950	21.25%	3.280%
11	7.510	385	387	389	rVB	813945	643569	49.19%	7.594%
12	7.910	419	422	424	rBV	427804	457859	35.00%	5.403%
13	7.956	424	426	429	rVB	19016	18223	1.39%	0.215%
14	8.642	484	486	489	rVB	459613	367593	28.10%	4.338%
15	9.590	567	569	575	rBV	40019	38112	2.91%	0.450%
16	9.716	578	580	582	rVB	1372173	1105050	84.47%	13.039%
17	10.105	612	614	616	rVB	165785	124982	9.55%	1.475%
18	10.413	639	641	643	rBV	511599	430891	32.94%	5.084%
19	10.802	674	675	679	rVB2	7270	14389	1.10%	0.170%
20	11.030	692	695	698	rBV2	13743	20370	1.56%	0.240%
21	11.122	701	703	705	rVV	34323	28249	2.16%	0.333%
22	11.202	708	710	713	rVV2	462758	499048	38.15%	5.889%
23	11.305	717	719	724	rVB	7828	16035	1.23%	0.189%
24	11.408	724	728	730	rBV2	13216	14529	1.11%	0.171%
25	11.922	770	773	775	rBV	550431	457464	34.97%	5.398%
26	12.128	789	791	795	rBV	30831	46289	3.54%	0.546%
27	12.996	865	867	869	rBV	32849	47549	3.63%	0.561%
28	13.614	919	921	923	rBV	1468327	1308201	100.00%	15.437%
29	14.688	1011	1015	1020	rBV	73127	128076	9.79%	1.511%
30	14.859	1027	1030	1031	rBV	11533	14009	1.07%	0.165%
31	14.894	1031	1033	1036	rBV	489843	498158	38.08%	5.878%
32	16.025	1130	1132	1135	rBV3	25661	40800	3.12%	0.481%
33	16.688	1188	1190	1193	rVB4	9410	15386	1.18%	0.182%
34	16.791	1196	1199	1207	rVB	313673	474635	36.28%	5.601%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080006.D
Acq On : 17 Jun 2015 1:37
Operator : TP/IZ
Sample : G2474-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-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-BF061115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

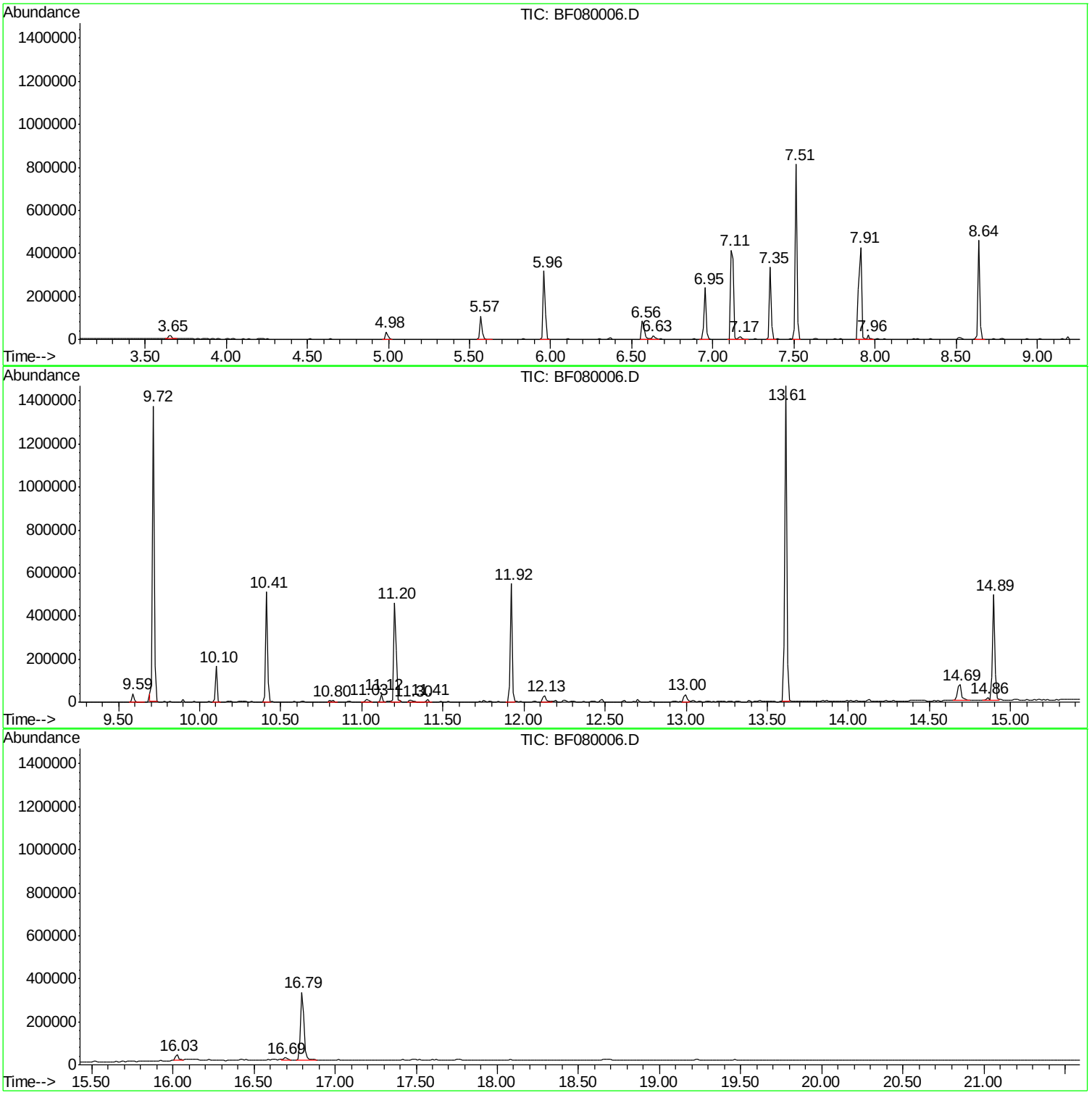
Sum of corrected areas: 8474642

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080006.D
Acq On : 17 Jun 2015 1:37
Operator : TP/IZ
Sample : G2474-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080006.D
Acq On : 17 Jun 2015 1:37
Operator : TP/IZ
Sample : G2474-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

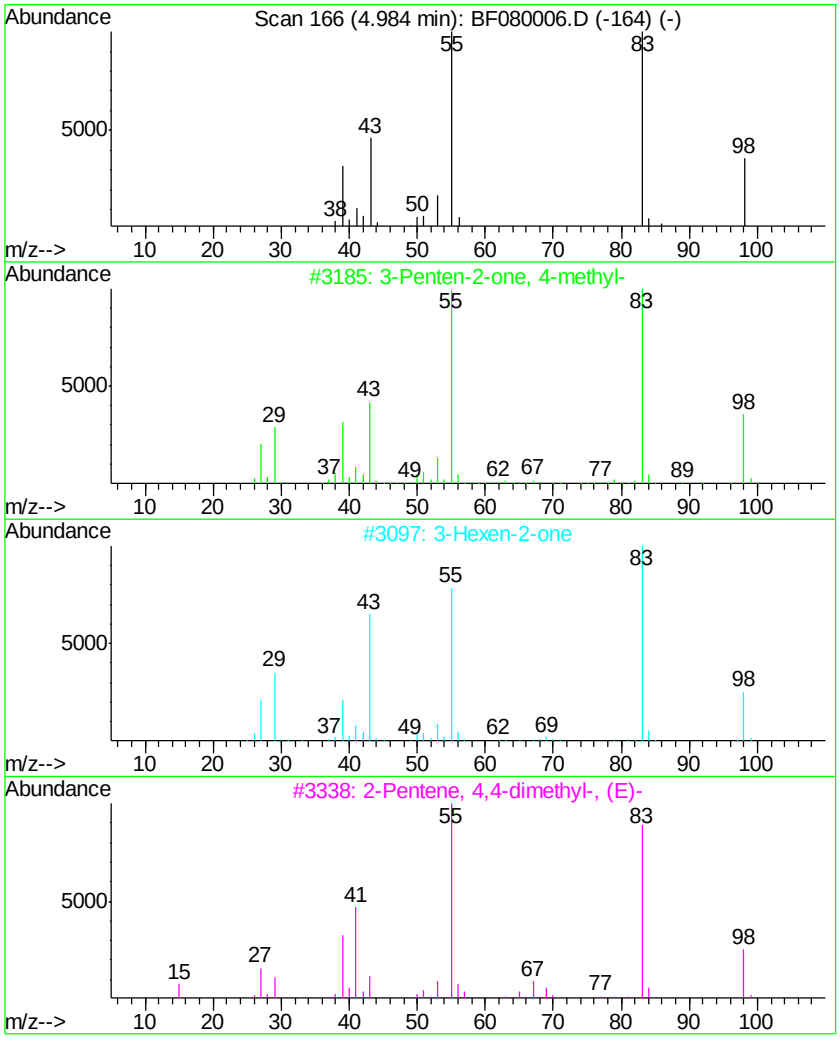
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

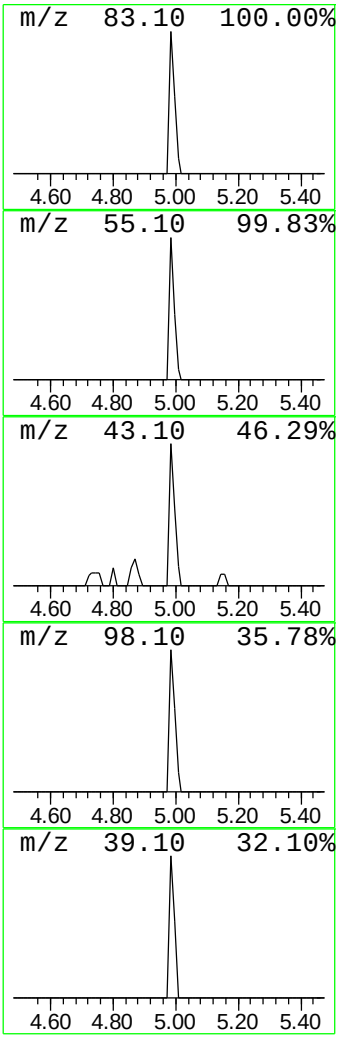
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	2.76 ng	38373	1,4-Dichlorobenzene-d4	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080006.D
Acq On : 17 Jun 2015 1:37
Operator : TP/IZ
Sample : G2474-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

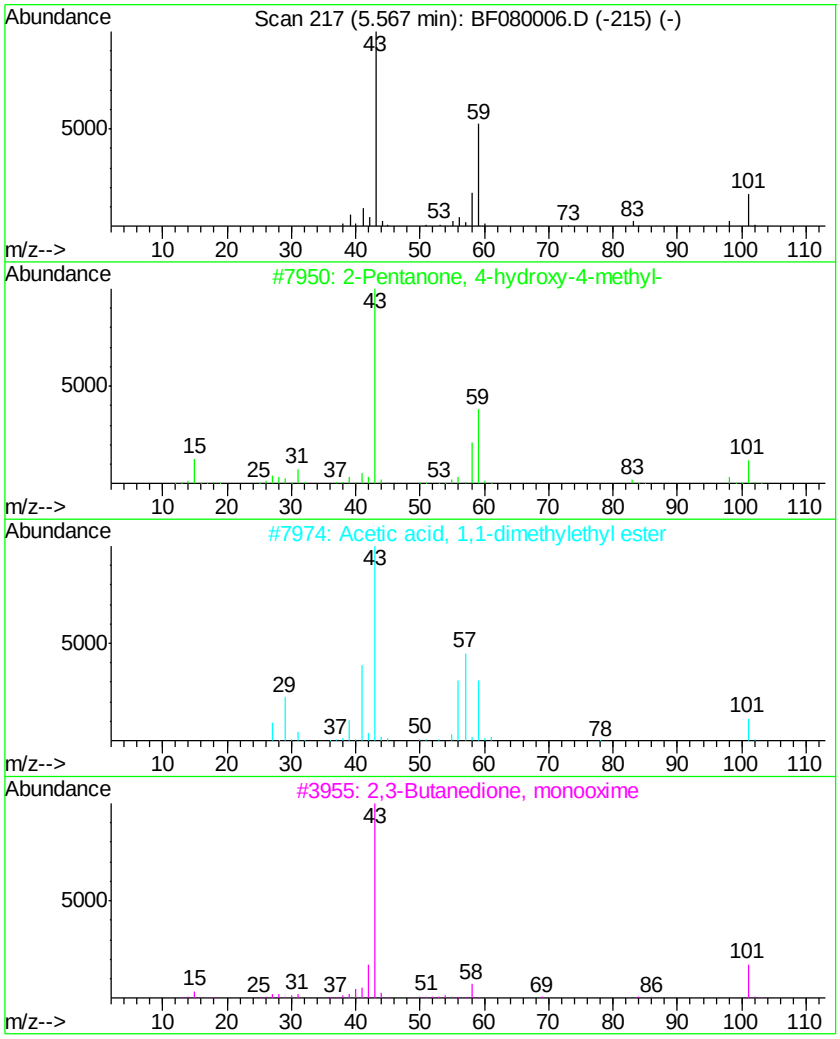
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

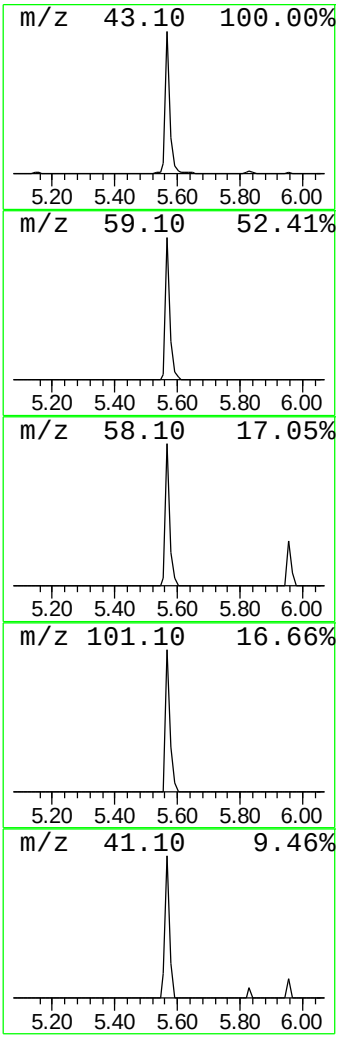
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	7.39 ng	102708	1,4-Dichlorobenzene-d4	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080006.D
Acq On : 17 Jun 2015 1:37
Operator : TP/IZ
Sample : G2474-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

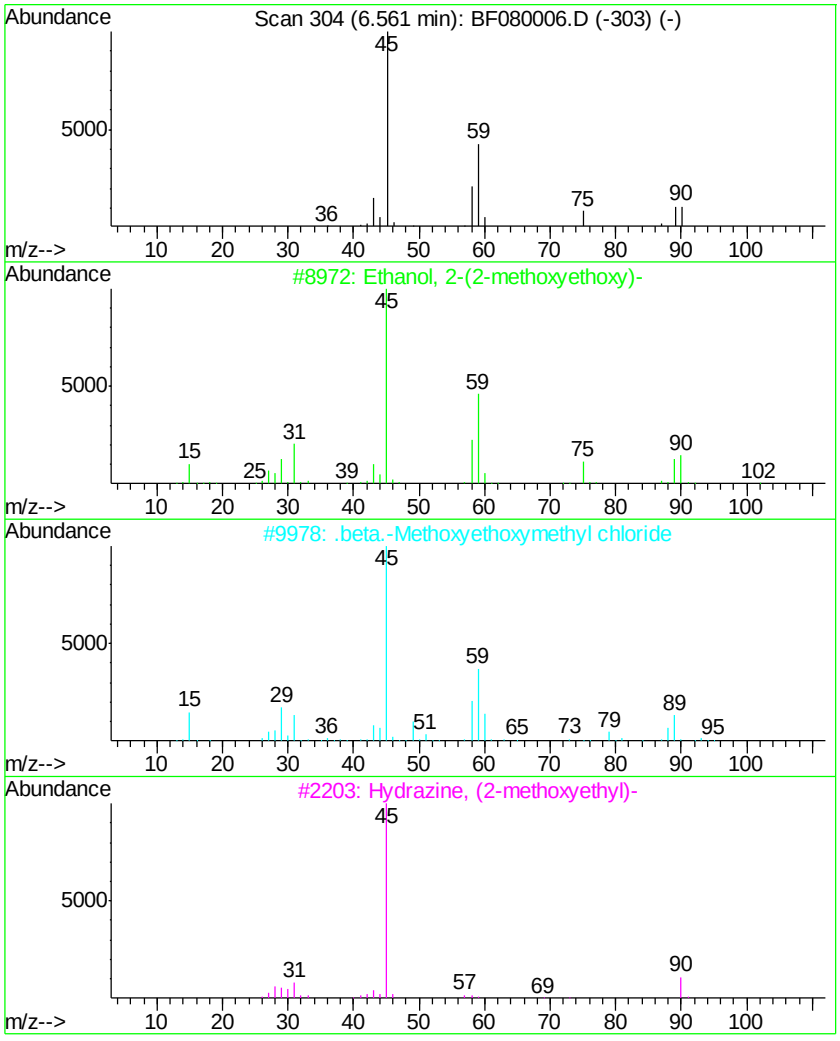
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

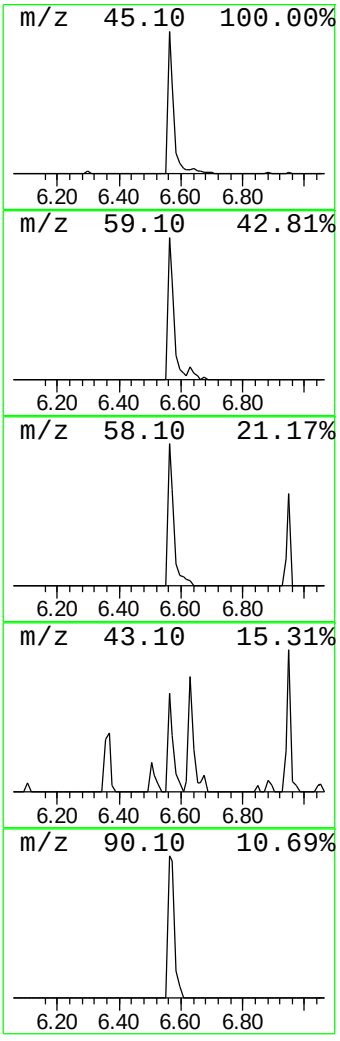
****

Peak Number 3 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	8.15 ng	113332	1,4-Dichlorobenzene-d4	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	83
2	.beta.-Methoxyethoxymethyl chloride	124	C4H9ClO2	003970-21-6	56
3	Hydrazine, (2-methoxyethyl)-	90	C3H10N2O	003044-15-3	37
4	Ethane, 1,2-dimethoxy-	90	C4H10O2	000110-71-4	28
5	Carbonic acid, dimethyl ester	90	C3H6O3	000616-38-6	25





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Data File : BF080006.D
Acq On : 17 Jun 2015 1:37
Operator : TP/IZ
Sample : G2474-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

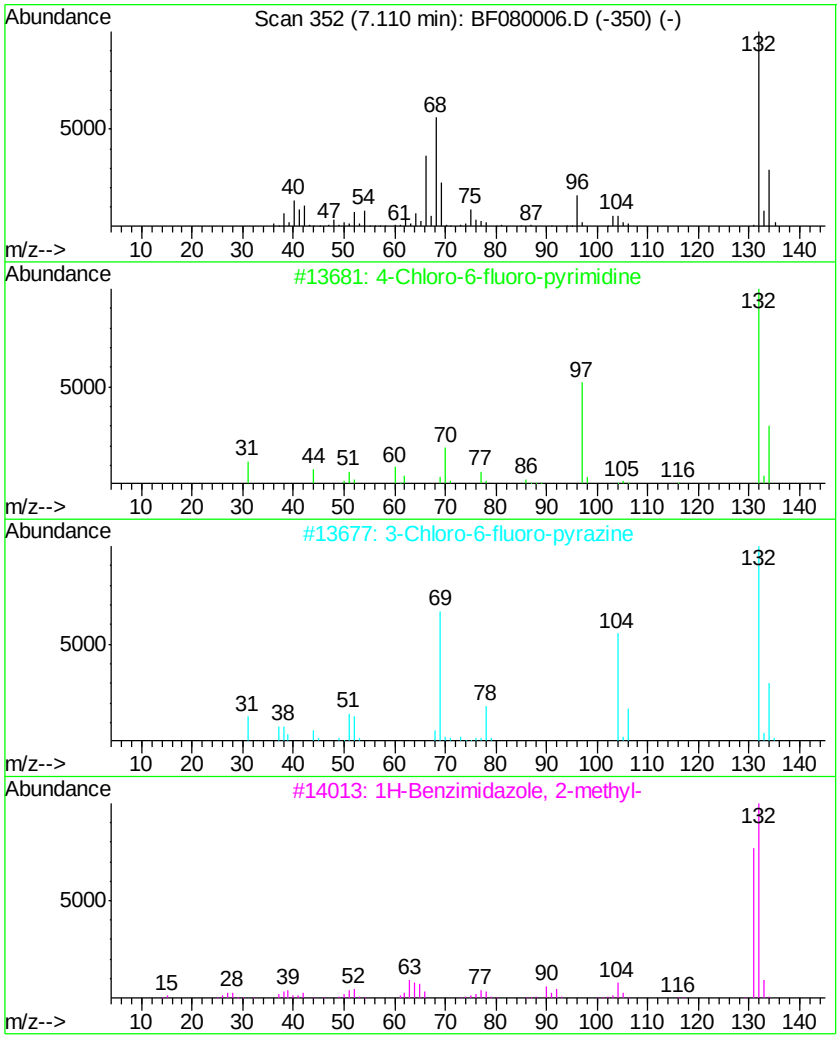
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

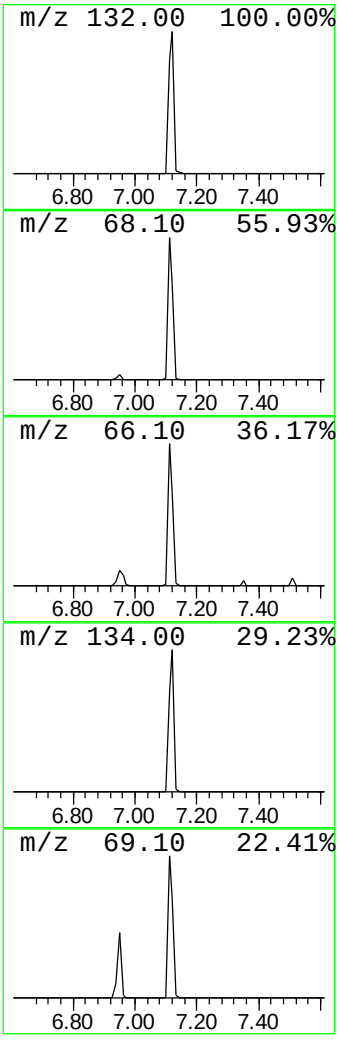
****

Peak Number 4 unknown7.11 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	39.46 ng	548408	1,4-Dichlorobenzene-d4	7.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1H-Tetrazaborole, 5-chloro-4,5-d...	132	C2H6BClN4	021960-49-6	12





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Operator : TP/IZ
Sample : G2474-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

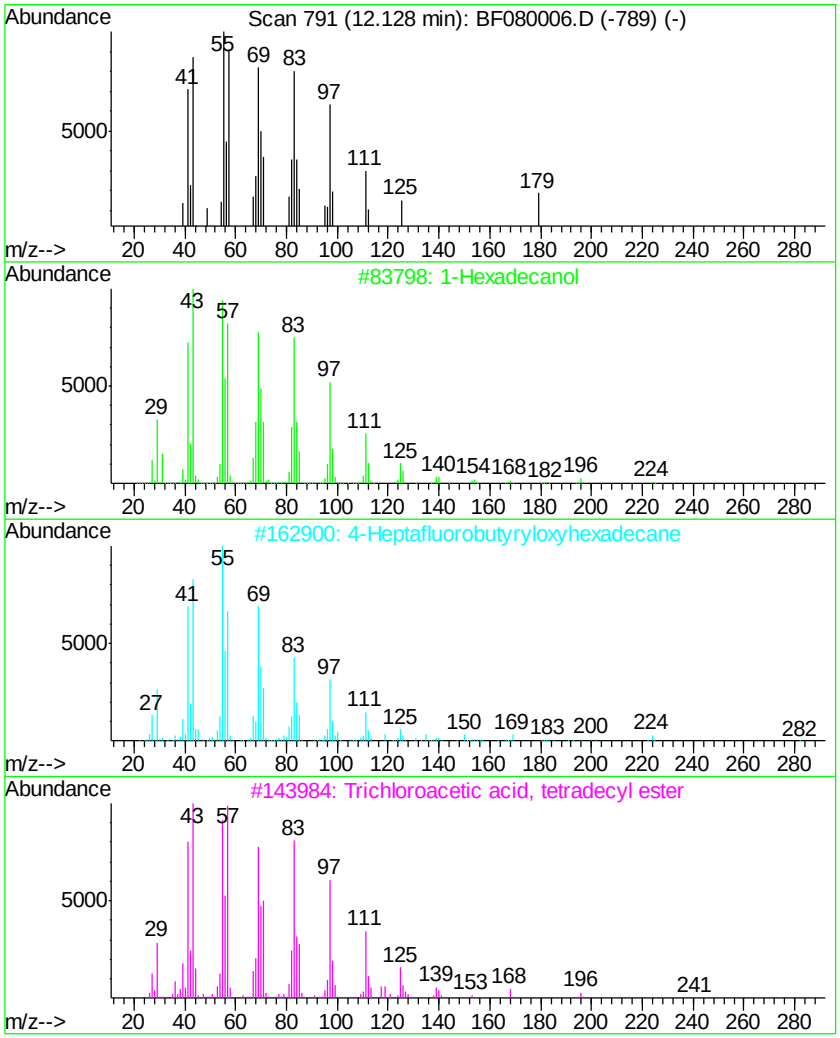
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

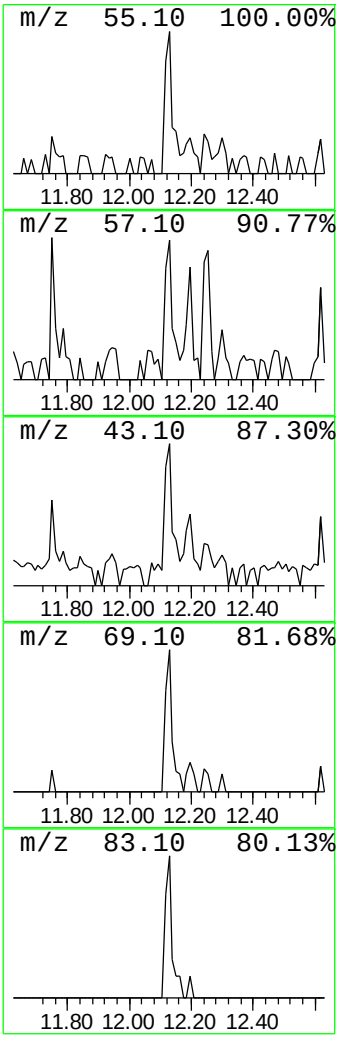
****

Peak Number 6 1-Hexadecanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	2.02 ng	46289	Phenanthrene-d10	11.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	94
2	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	Acetic acid, trifluoro-, tetrade...	310	C16H29F3O2	006222-02-2	91





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Misc :
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Instrument : BNA_F
ClientSampleId : C-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

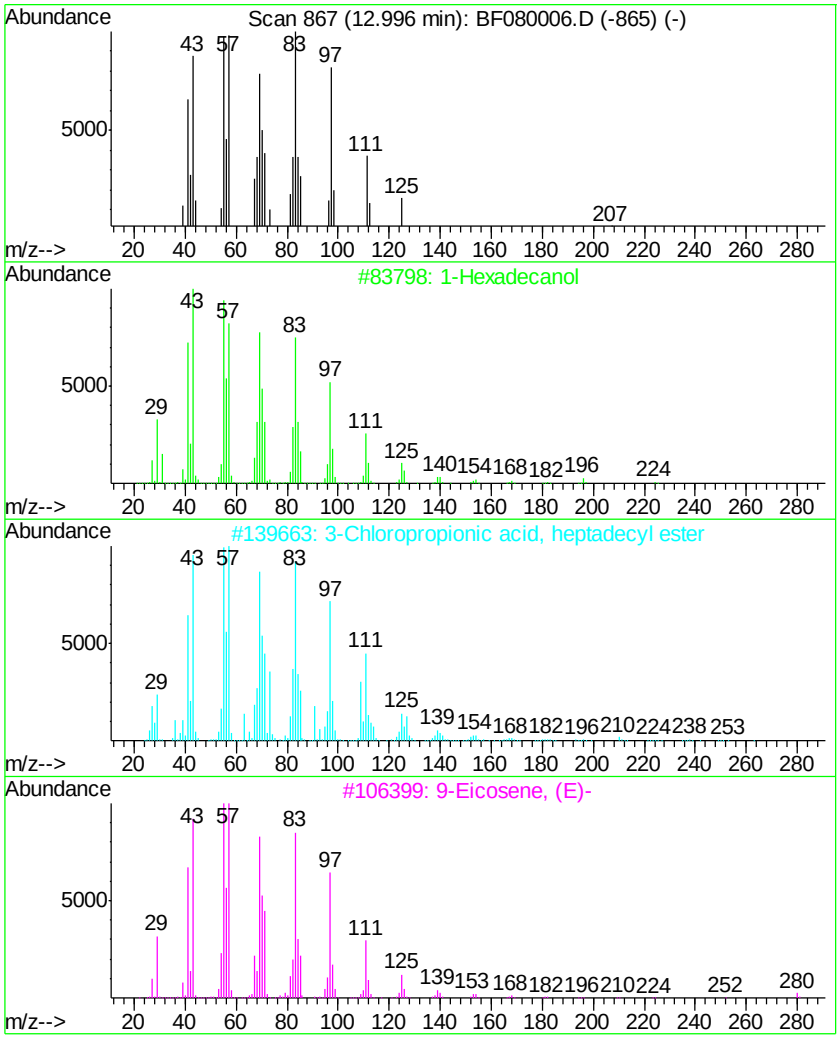
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

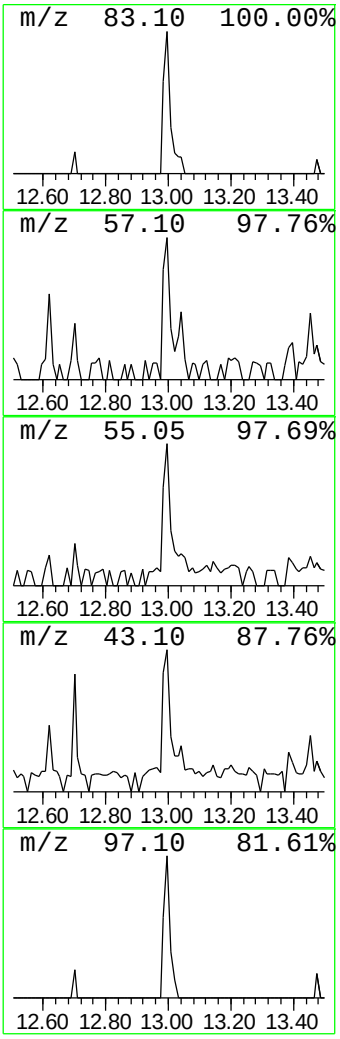
****

Peak Number 7 3-Chloropropionic acid, hep... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.08 ng	47549	Phenanthrene-d10	11.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	91
2	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4	11-Tricosene	322	C23H46	052078-56-5	91
5	1-Nonadecene	266	C19H38	018435-45-5	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080006.D
Acq On : 17 Jun 2015 1:37
Operator : TP/IZ
Sample : G2474-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

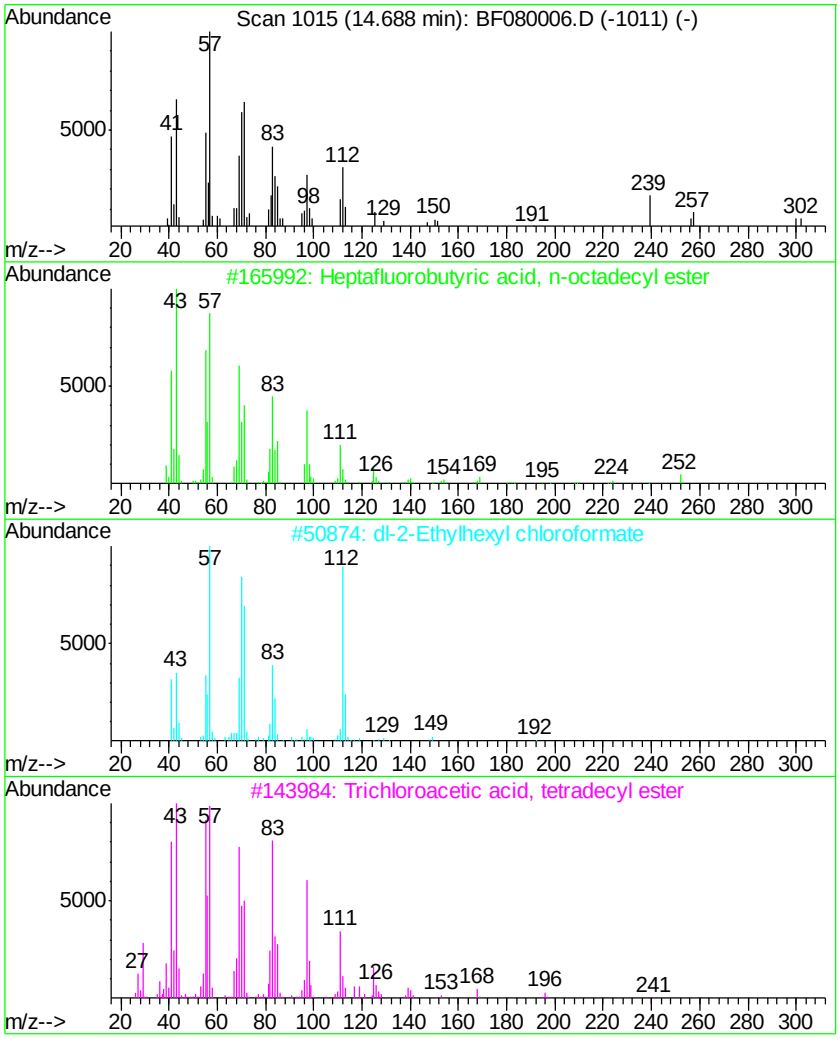
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

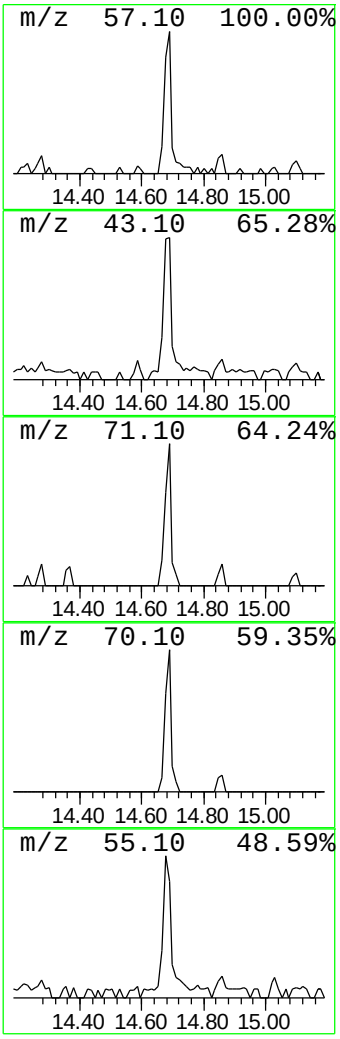
****

Peak Number 8 unknown14.69 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	5.14 ng	128076	Chrysene-d12	14.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	49
2	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	47
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	46
4	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	46
5	Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080006.D
Acq On : 17 Jun 2015 1:37
Operator : TP/IZ
Sample : G2474-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.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
3-Penten-2-one, 4...	4.98	2.8	ng	38373	1	7.35	277950	20.0
2-Pentanone, 4-hy...	5.57	7.4	ng	102708	1	7.35	277950	20.0
Ethanol, 2-(2-met...	6.56	8.2	ng	113332	1	7.35	277950	20.0
unknown7.11	7.11	39.5	ng	548408	1	7.35	277950	20.0
1-Hexadecanol	12.13	2.0	ng	46289	4	11.92	457464	20.0
3-Chloropropionic...	13.00	2.1	ng	47549	4	11.92	457464	20.0
unknown14.69	14.69	5.1	ng	128076	5	14.89	498158	20.0