LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080087.D
Acq On : 20 Jun 2015 7:54
Operator : TP/IZ
Sample : G2683-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PE-5

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-BF061715.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	4.961	163	164	168	rVB	20990	31927	1.46%	0.201%
2	5.544	213	215	218	rBV	717496	874654	39.96%	5.496%
3	5.944	248	250	252	rBV	1690272	1451665	66.33%	9.122%
4	6.344	282	285	287	rBV	66572	64088	2.93%	0.403%
5	6.561	302	304	313	rBV	40566	48756	2.23%	0.306%
6	6.939	334	337	339	rBV	1056288	1426912	65.20%	8.966%
7	7.099	349	351	353	rBV	1846615	1564748	71.49%	9.832%
8	7.327	369	371	374	rVB	237805	262233	11.98%	1.648%
9	7.487	383	385	388	rBV	1196400	1130033	51.63%	7.101%
10	7.887	418	420	422	rBV	1147637	935357	42.74%	5.878%
11	8.619	482	484	487	rBV	413109	368802	16.85%	2.317%
12	9.167	530	532	534	rBV	53522	42420	1.94%	0.267%
13	9.567	566	567	572	rBV	18050	24412	1.12%	0.153%
14	9.693	576	578	581	rVB	1670224	1749707	79.94%	10.995%
15	10.082	610	612	615	rBV	180688	142243	6.50%	0.894%
16	10.390	637	639	642	rBV	466369	433098	19.79%	2.721%
17	11.099	699	701	704	rVB	157487	128334	5.86%	0.806%
18	11.190	706	709	711	rBV	925103	1139835	52.08%	7.162%
19	11.899	769	771	775	rBV	582043	492971	22.52%	3.098%
20	13.453	903	907	910	rBV	15339	22517	1.03%	0.141%
21	13.602	917	920	922	rBV	2254735	2188653	100.00%	13.753%
22	14.676	1011	1014	1023	rBV	65368	155977	7.13%	0.980%
23	14.882	1030	1032	1035	rBV	515551	547078	25.00%	3.438%
24	15.351	1071	1073	1076	rBV	35543	39579	1.81%	0.249%
25	15.499	1084	1086	1089	rBV3	13415	28890	1.32%	0.182%
26	15.637	1096	1098	1102	rVB2	12774	25548	1.17%	0.161%
27	15.785	1106	1111	1112	rBV4	10156	33612	1.54%	0.211%
28	16.014	1128	1131	1133	rBV	21551	30223	1.38%	0.190%
29	16.779	1195	1198	1201	rBV	375032	529917	24.21%	3.330%

Sum of corrected areas: 15914189

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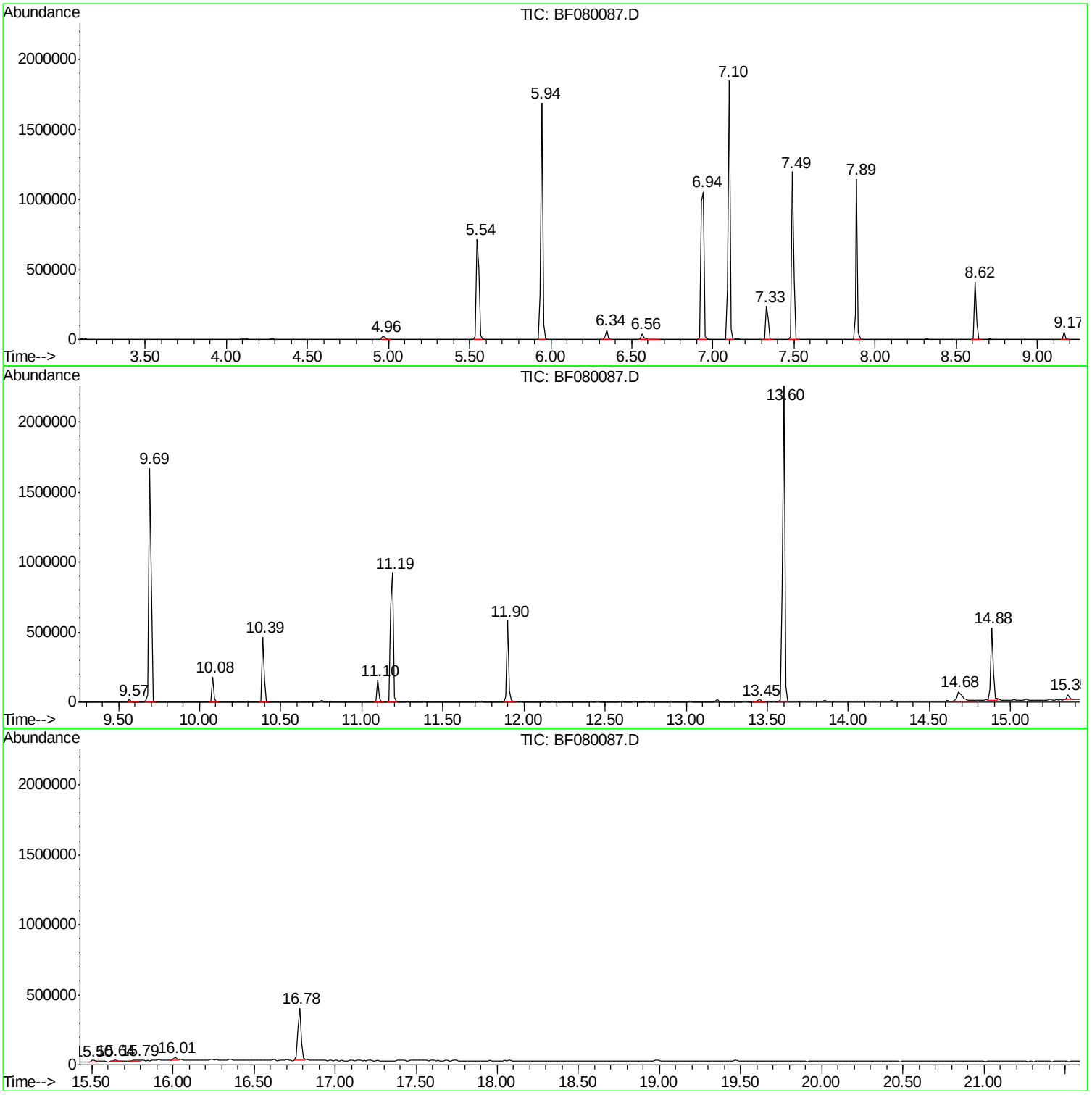
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

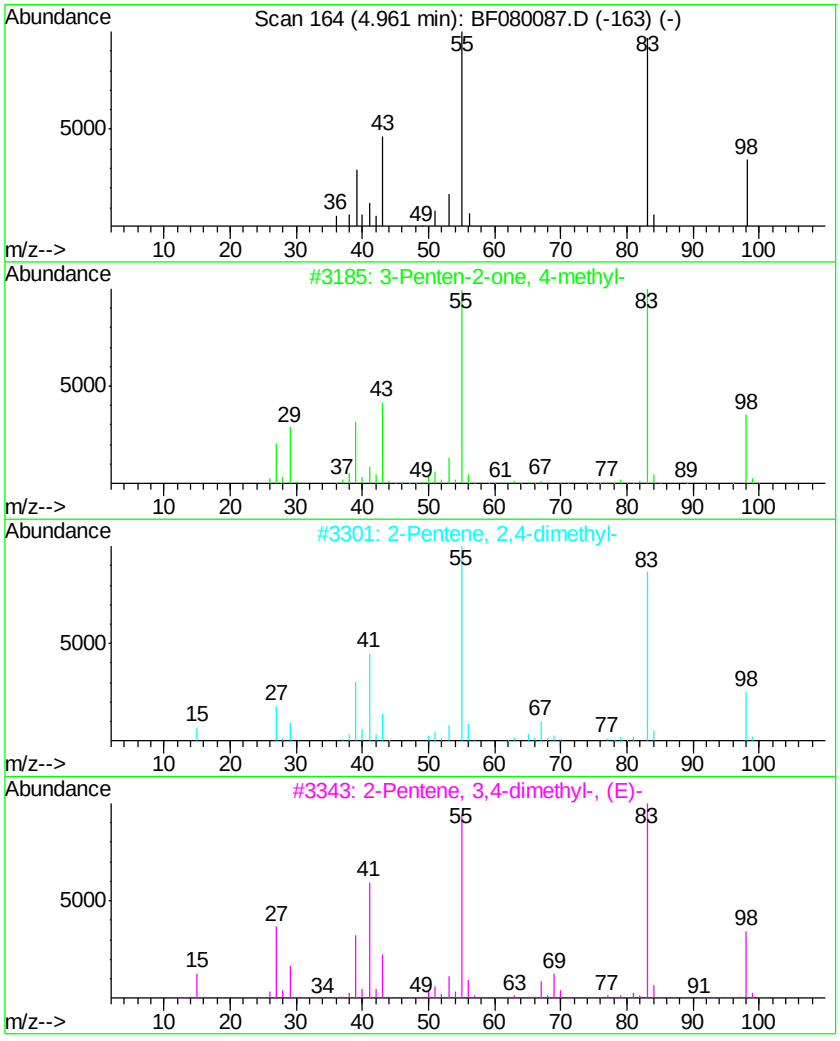
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

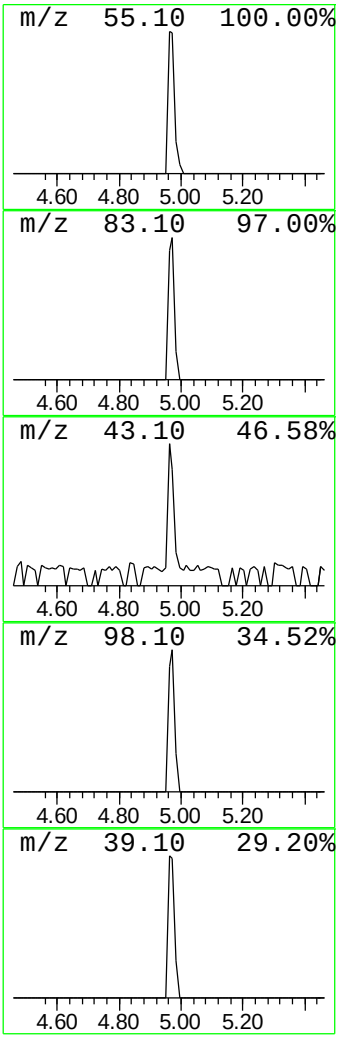
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	2.44 ng	31927	1,4-Dichlorobenzene-d4	7.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	3-Hexen-2-one	98	C6H10O	000763-93-9	86





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Acq On : 20 Jun 2015 7:54
Operator : TP/IZ
Sample : G2683-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PE-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.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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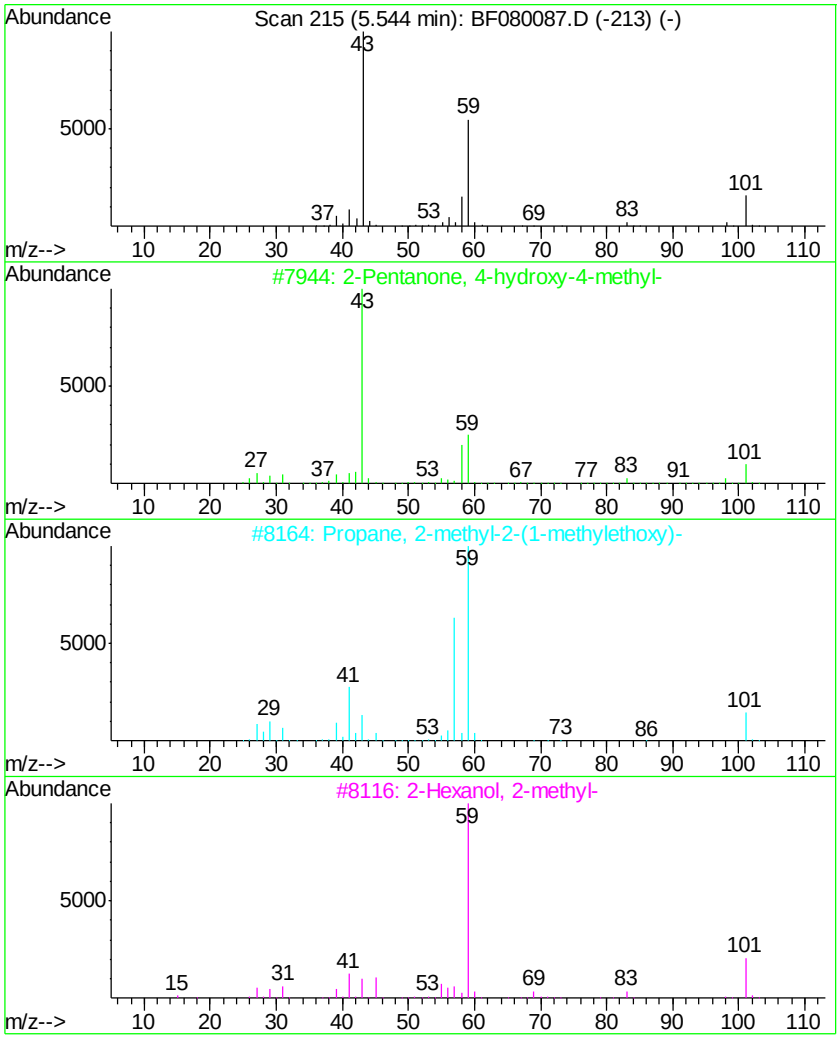
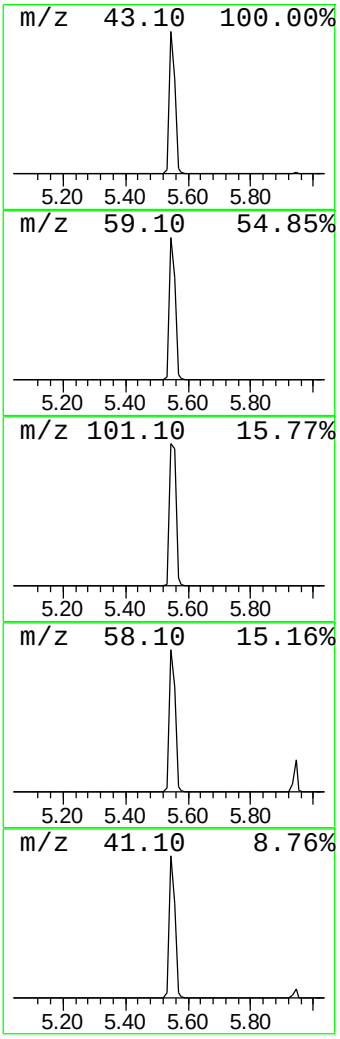
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.54	66.71 ng	874654	1,4-Dichlorobenzene-d4	7.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Data File : BF080087.D
Acq On : 20 Jun 2015 7:54
Operator : TP/IZ
Sample : G2683-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PE-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.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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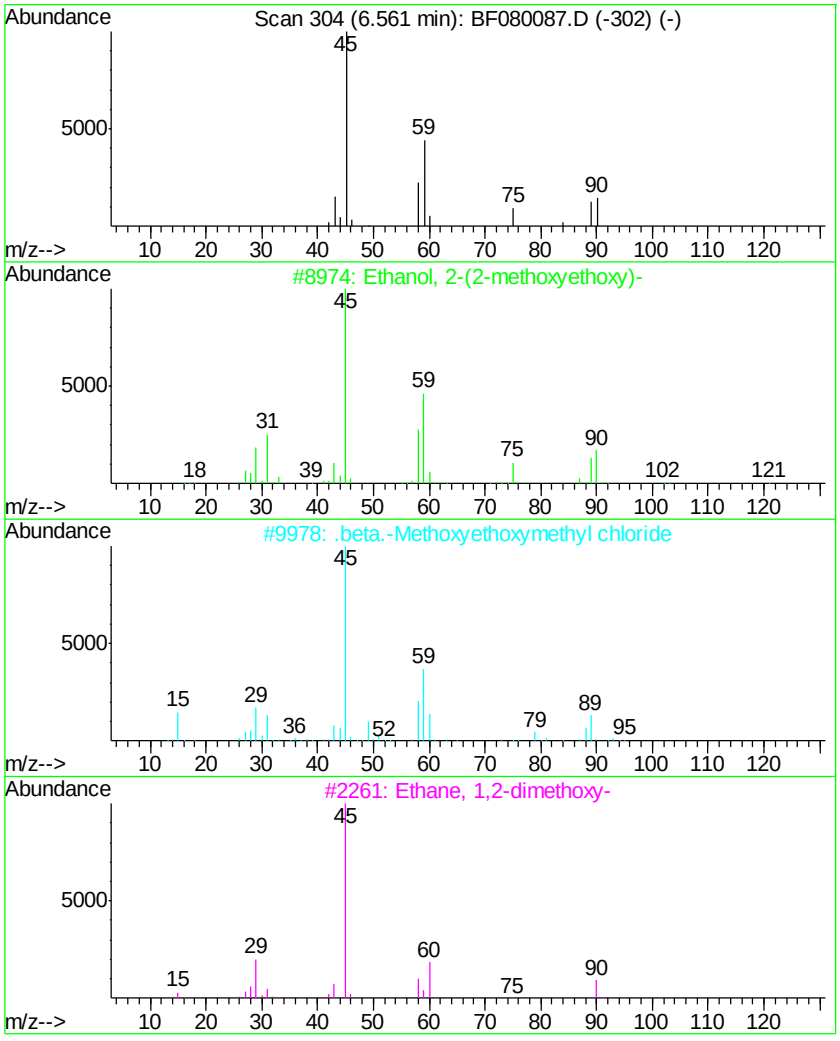
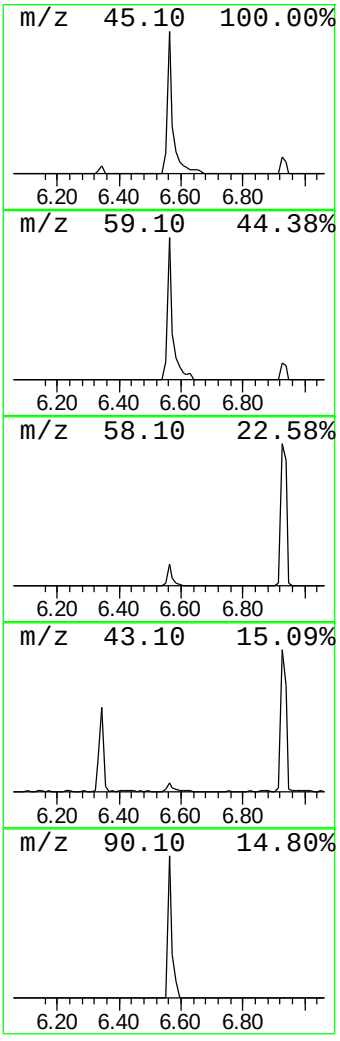
Peak Number 4 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	3.72 ng	48756	1,4-Dichlorobenzene-d4	7.33

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	Ethane, 1,2-dimethoxy-	90	C4H10O2	000110-71-4	9
4	Hydrazine, (2-methoxyethyl)-	90	C3H10N2O	003044-15-3	9
5	Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	9





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Operator : TP/IZ
Sample : G2683-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PE-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.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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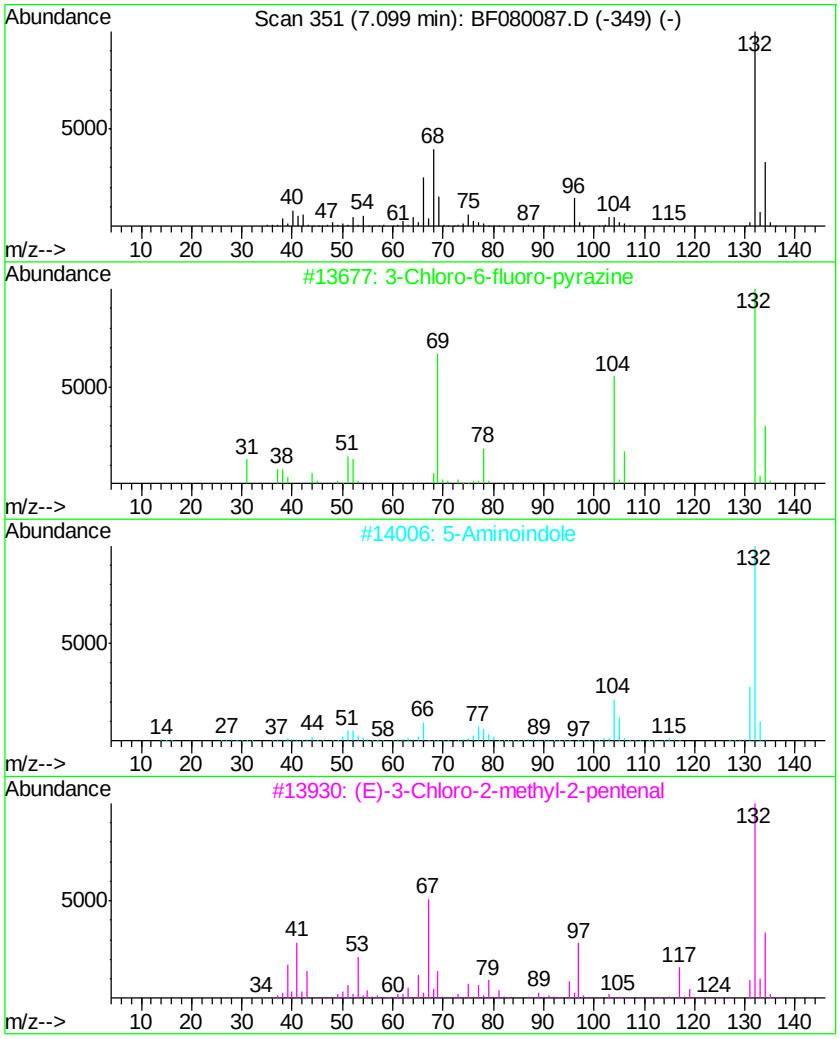
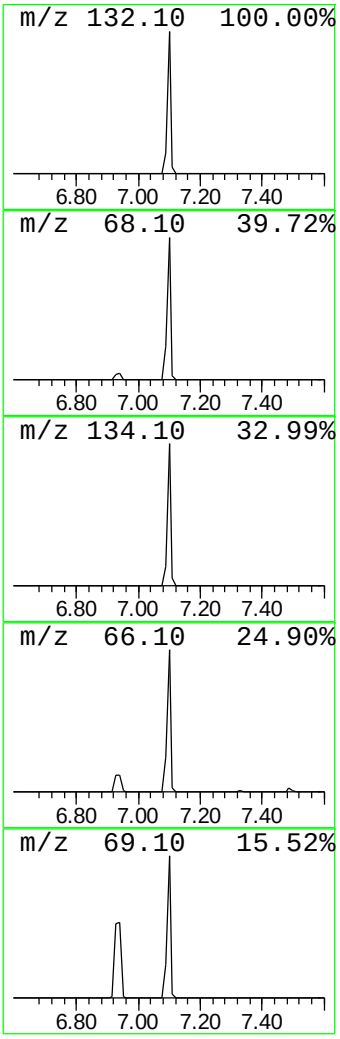
Peak Number 5 unknown7.10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	119.34 ng	1564750	1,4-Dichlorobenzene-d4	7.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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Sample : G2683-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PE-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.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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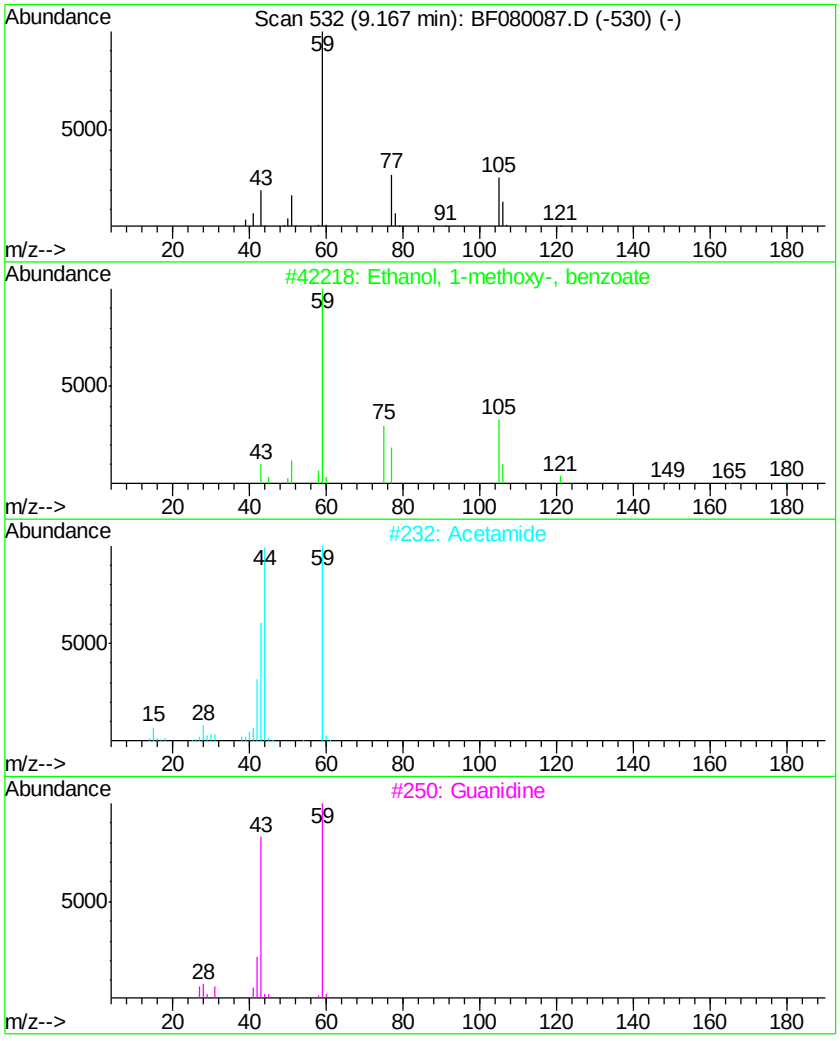
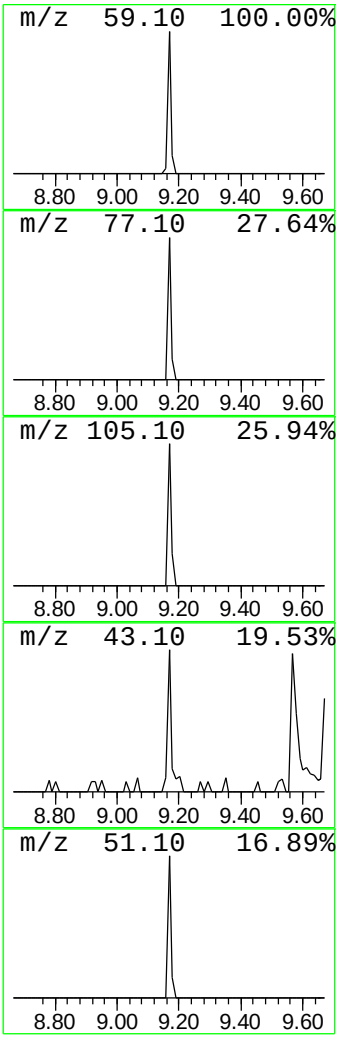
Peak Number 7 Ethanol, 1-methoxy-, benzoate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	2.30 ng	42420	Naphthalene-d8	8.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	50
2	Acetamide	59	C2H5NO	000060-35-5	5
3	Guanidine	59	CH5N3	000113-00-8	4
4	Formamide, N-methyl-	59	C2H5NO	000123-39-7	4
5	Acetic acid, chloro-, methyl ester	108	C3H5ClO2	000096-34-4	4





Library Search Compound Report

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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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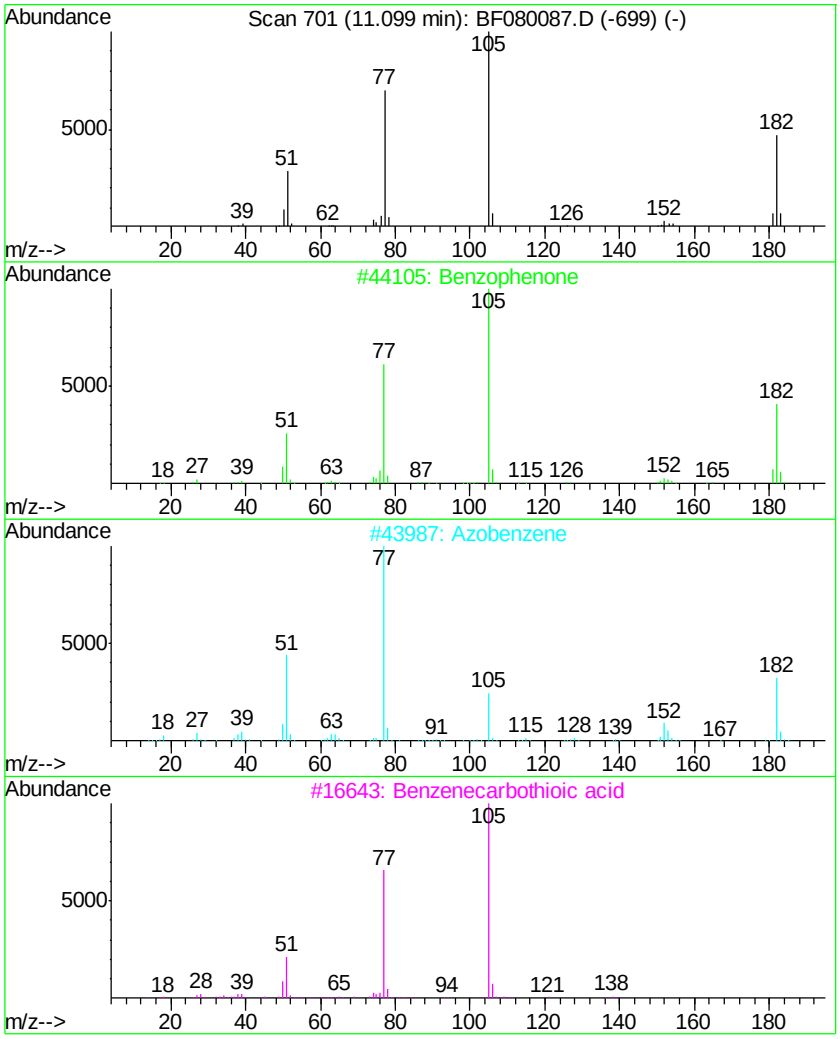
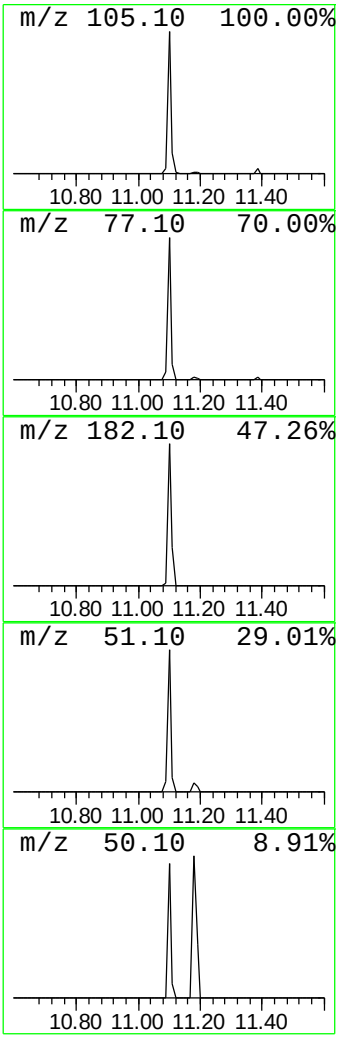
Peak Number 8 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	5.93 ng	128334	Acenaphthene-d10	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Benzenecarbothioic acid	138	C7H6OS	000098-91-9	47
4	1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	47
5	Ethanone, 2,2,2-trifluoro-1-phenyl-	174	C8H5F3O	000434-45-7	47





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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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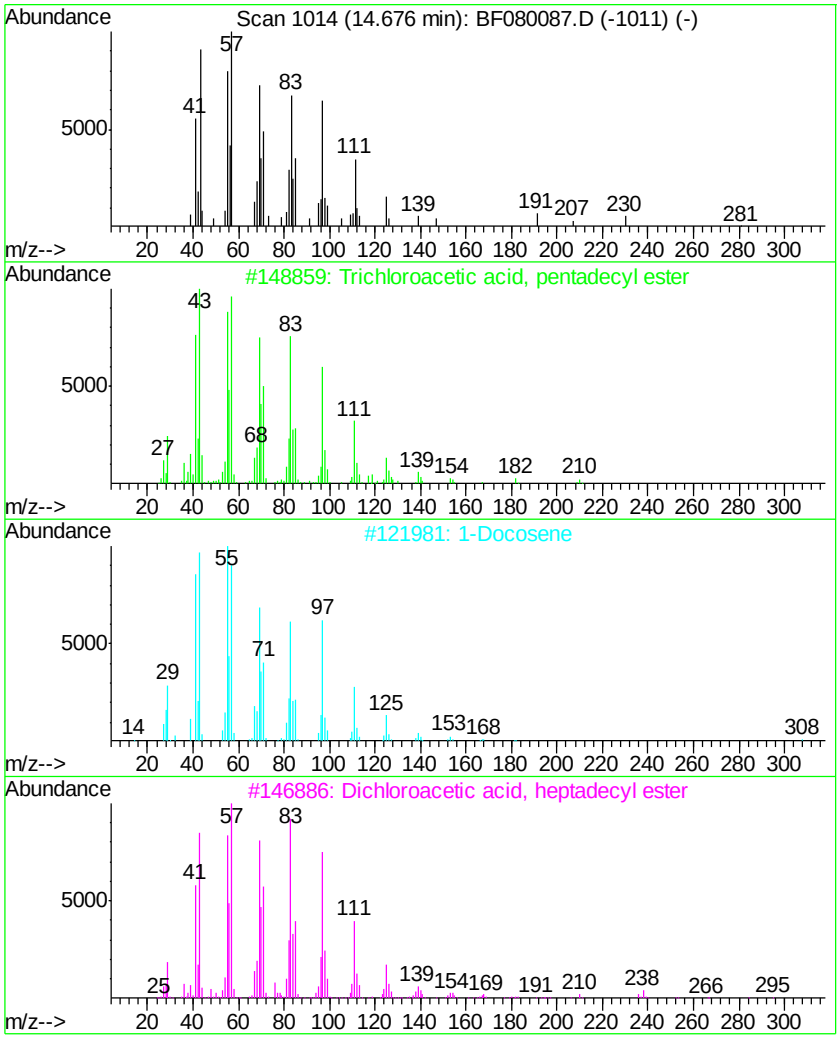
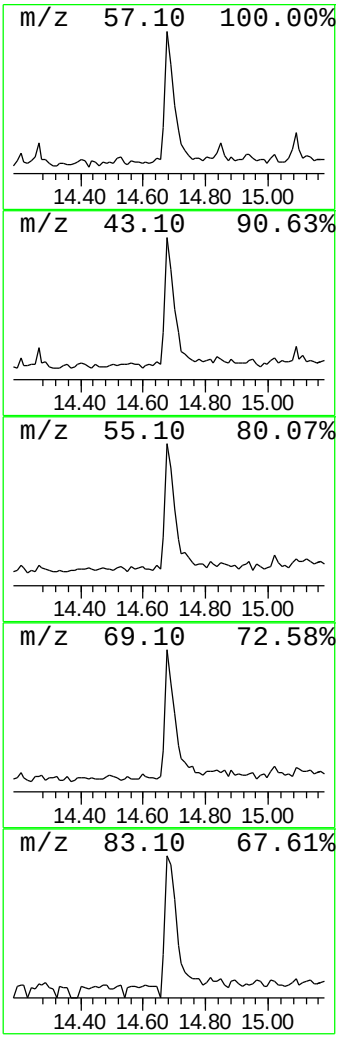
Peak Number 9 Trichloroacetic acid, penta... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	5.70 ng	155977	Chrysene-d12	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2	1-Docosene	308	C22H44	001599-67-3	91
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	91
5	1-Tetracosanol	354	C24H50O	000506-51-4	91





Tentatively Identified Compound (LSC) summary

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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...	4.96	2.4	ng	31927	1	7.33	262233	20.0
2-Pentanone, 4-hy...	5.54	66.7	ng	874654	1	7.33	262233	20.0
Ethanol, 2-(2-met...	6.56	3.7	ng	48756	1	7.33	262233	20.0
unknown7.10	7.10	119.3	ng	1564750	1	7.33	262233	20.0
Ethanol, 1-methox...	9.17	2.3	ng	42420	2	8.62	368802	20.0
Benzophenone	11.10	5.9	ng	128334	3	10.39	433098	20.0
Trichloroacetic a...	14.68	5.7	ng	155977	5	14.88	547078	20.0