LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
Data File : BF078023.D
Acq On : 27 Mar 2015 6:00
Operator : TP/IZ
Sample : G1653-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD11

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-BF031115.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	1.241	28	31	34	rBV	713822	685150	54.79%	6.908%
2	1.367	38	42	45	rVB	54593	97754	7.82%	0.986%
3	1.527	53	56	58	rVB	54647	64910	5.19%	0.654%
4	1.744	74	75	83	rBV	32391	51880	4.15%	0.523%
5	4.830	343	345	351	rBV	62915	99435	7.95%	1.003%
6	5.390	392	394	397	rBV	637315	748153	59.82%	7.543%
7	6.693	505	508	510	rBV	787515	785506	62.81%	7.920%
8	6.819	516	519	521	rBV	593583	812170	64.94%	8.188%
9	7.093	541	543	545	rBV	233403	203769	16.29%	2.054%
10	7.276	557	559	562	rBV	622174	634791	50.76%	6.400%
11	7.790	601	604	606	rBV	566789	500376	40.01%	5.045%
12	8.670	679	681	684	rBV	339394	291625	23.32%	2.940%
13	10.019	797	799	801	rBV	1244273	1055444	84.40%	10.641%
14	10.522	841	843	846	rBV	16849	23610	1.89%	0.238%
15	10.659	849	855	858	rBV2	9163	18583	1.49%	0.187%
16	10.842	869	871	873	rVB	329966	337014	26.95%	3.398%
17	11.825	954	957	959	rBV	449327	618893	49.49%	6.240%
18	12.019	972	974	978	rBV	17941	25658	2.05%	0.259%
19	12.671	1029	1031	1034	rBV	276759	372974	29.82%	3.760%
20	13.414	1093	1096	1099	rBV2	30903	49737	3.98%	0.501%
21	14.557	1193	1196	1199	rBV	66410	90719	7.25%	0.915%
22	14.671	1204	1206	1209	rVV	1250989	1250585	100.00%	12.609%
23	15.323	1261	1263	1264	rBV	16354	15837	1.27%	0.160%
24	15.757	1299	1301	1304	rBV	40192	60909	4.87%	0.614%
25	15.860	1308	1310	1314	rVV	94477	151219	12.09%	1.525%
26	15.963	1317	1319	1321	rBV	382131	417419	33.38%	4.208%
27	16.134	1333	1334	1336	rVB2	30079	34214	2.74%	0.345%
28	17.734	1472	1474	1477	rBV	308884	420146	33.60%	4.236%

Sum of corrected areas: 9918480

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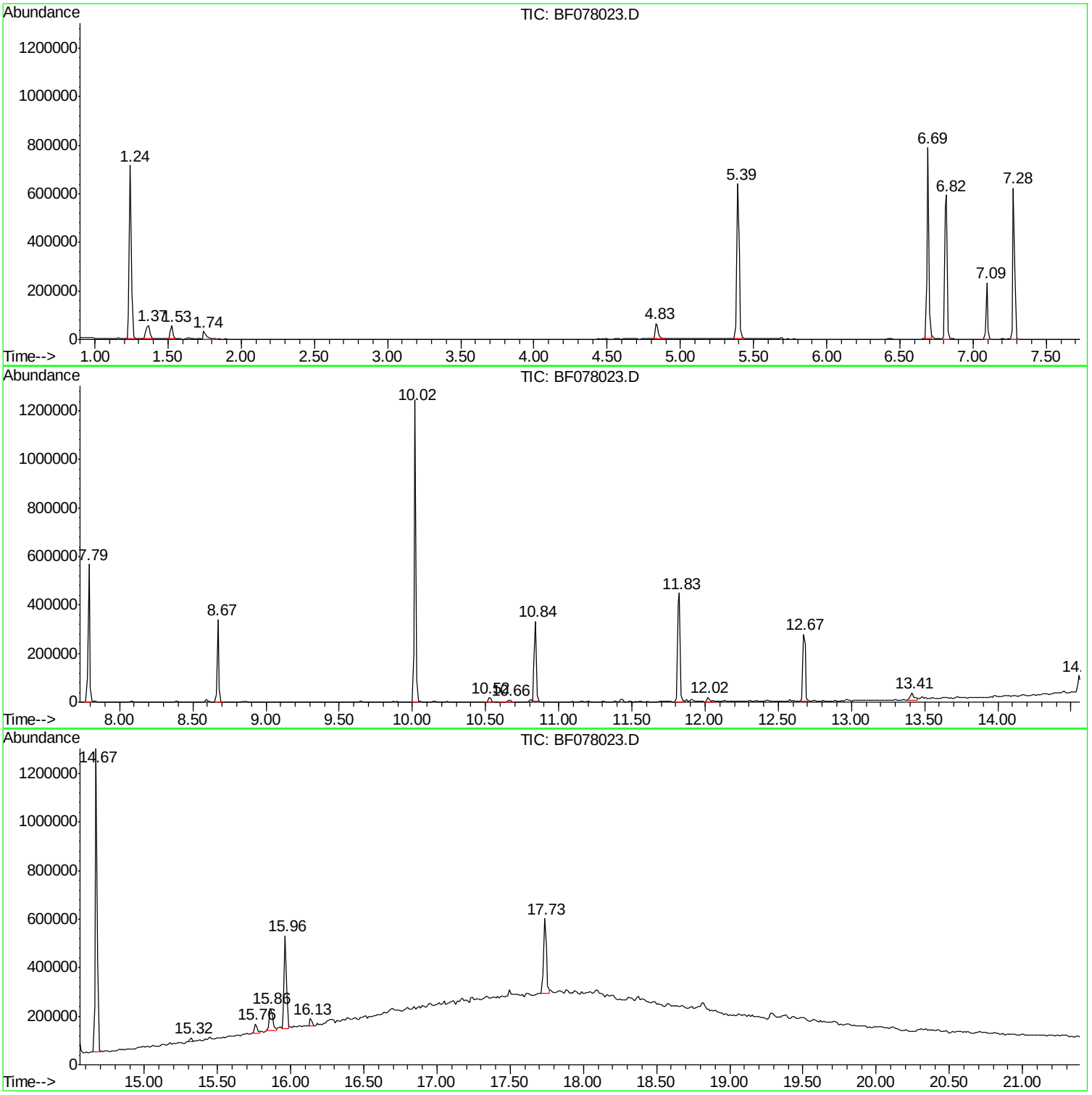
Instrument : BNA_F
ClientSampleId : FD11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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Operator : TP/IZ
Sample : G1653-16
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Instrument : BNA_F
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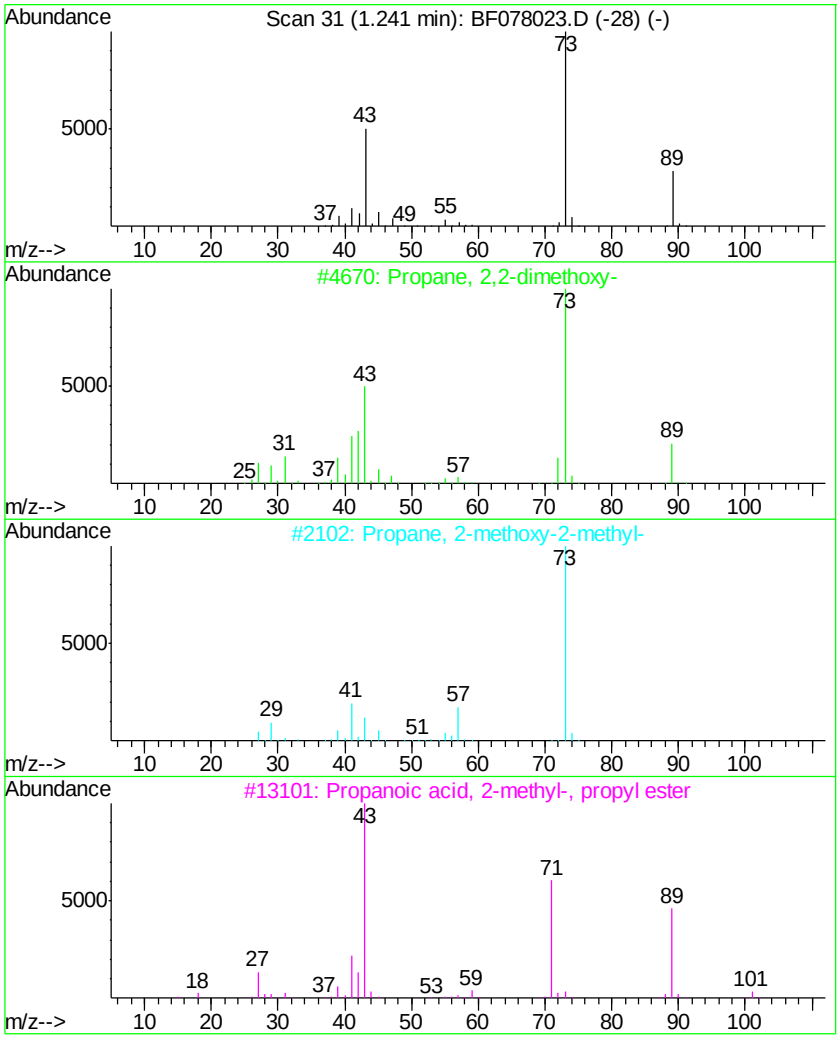
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

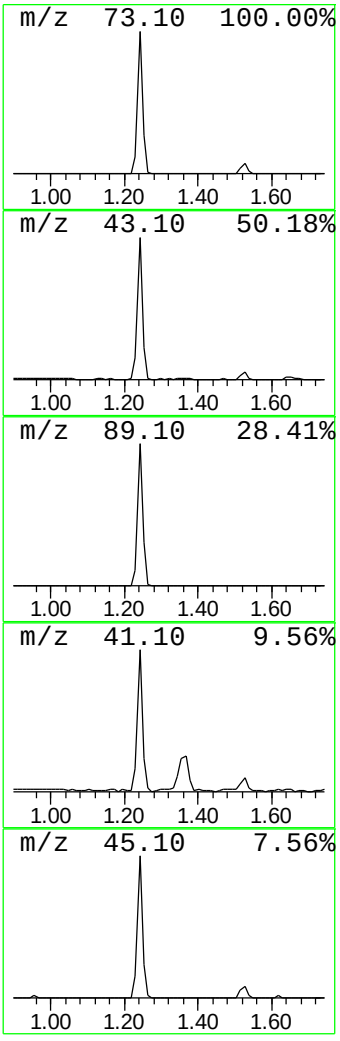
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.24	67.25 ng	685150	1,4-Dichlorobenzene-d4	7.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	5





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Operator : TP/IZ
Sample : G1653-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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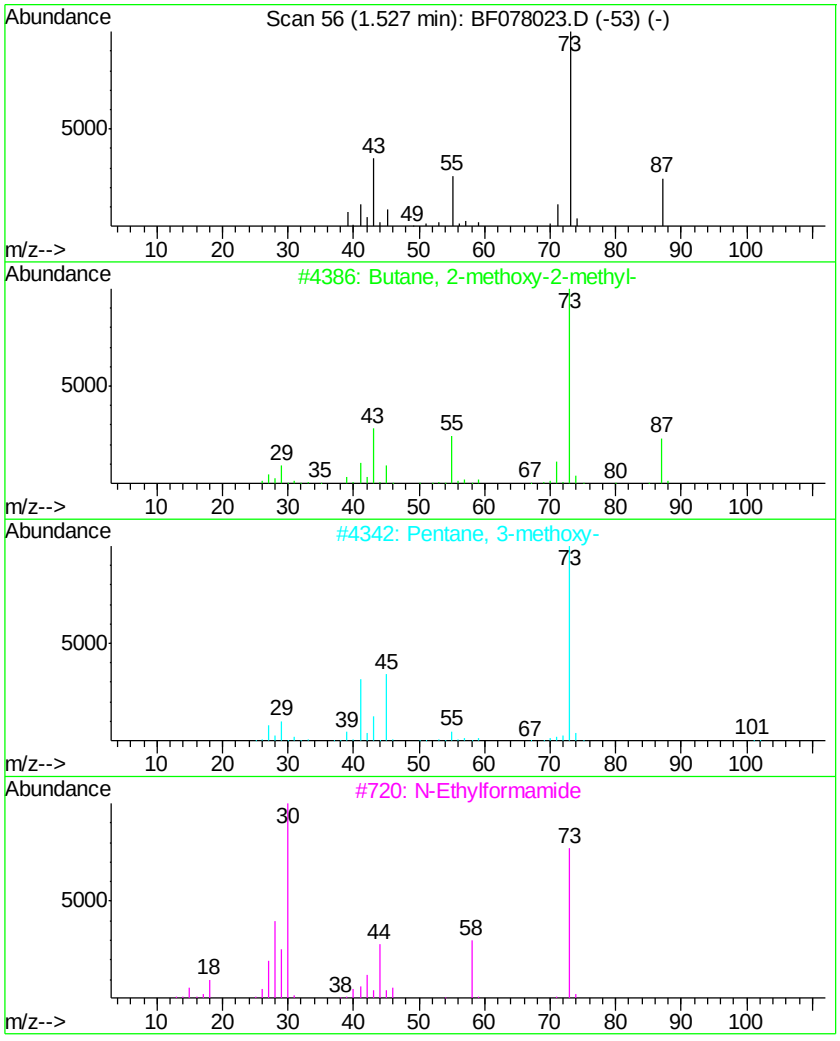
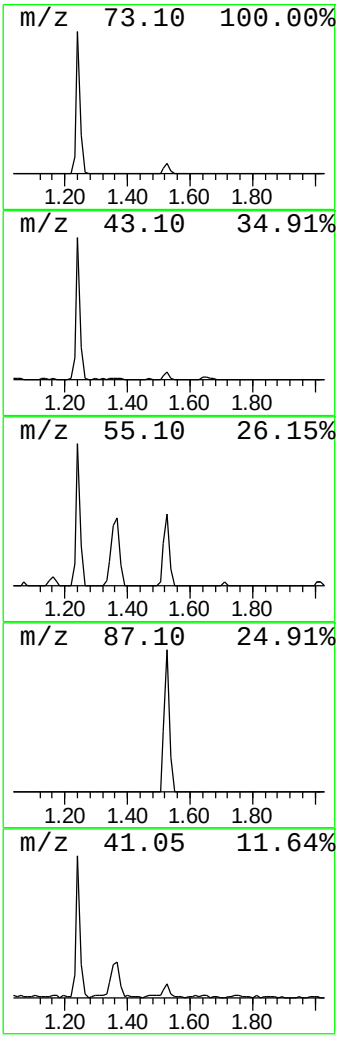
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.53	6.37 ng	64910	1,4-Dichlorobenzene-d4	7.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,4-Butanediamine	88	C4H12N2	000110-60-1	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
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Acq On : 27 Mar 2015 6:00
Operator : TP/IZ
Sample : G1653-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

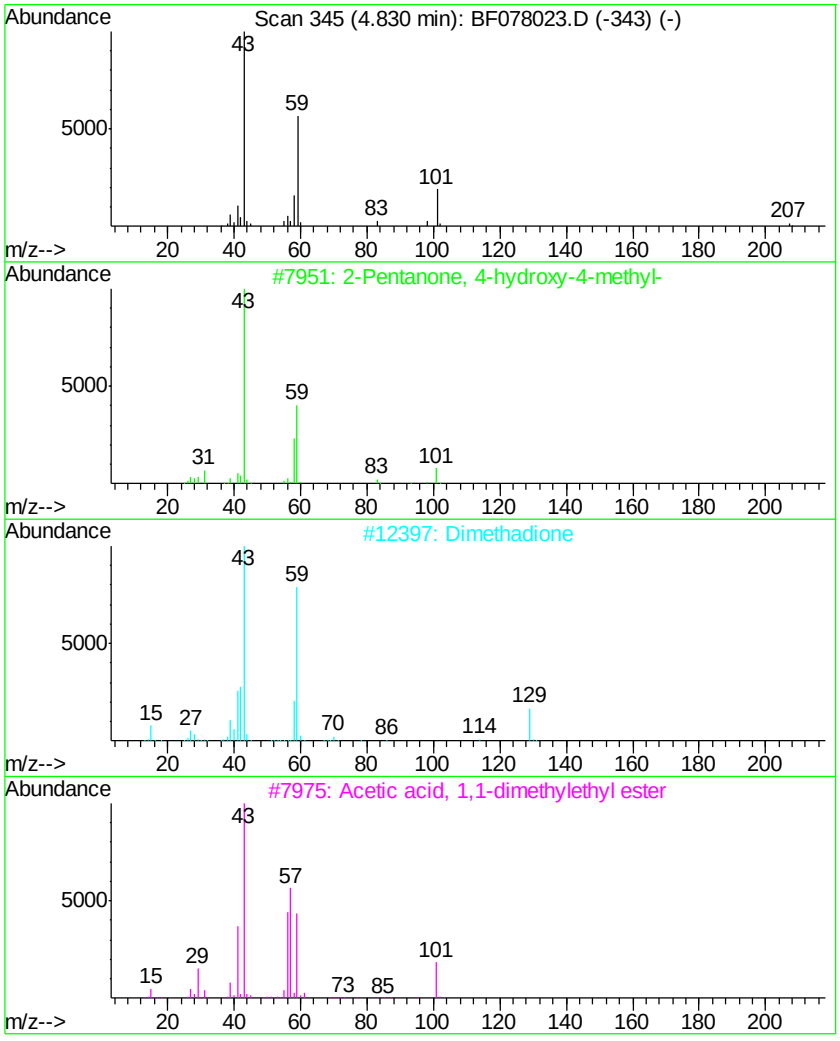
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

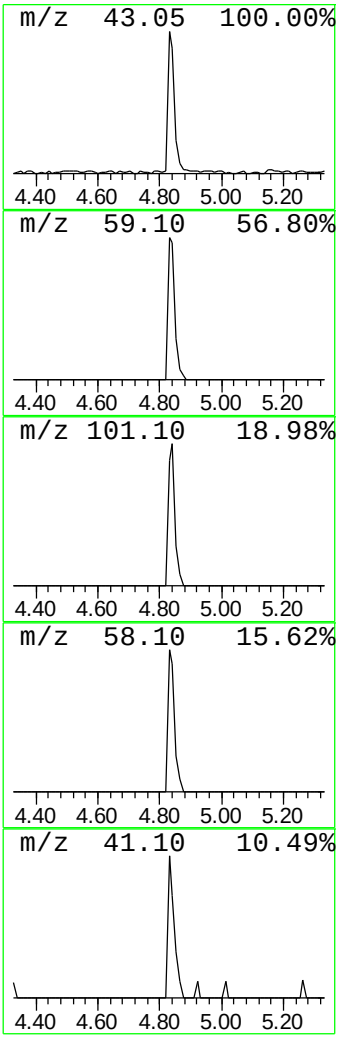
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	9.76 ng	99435	1,4-Dichlorobenzene-d4	7.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Dimethadione	129	C5H7NO3	000695-53-4	42
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
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Acq On : 27 Mar 2015 6:00
Operator : TP/IZ
Sample : G1653-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

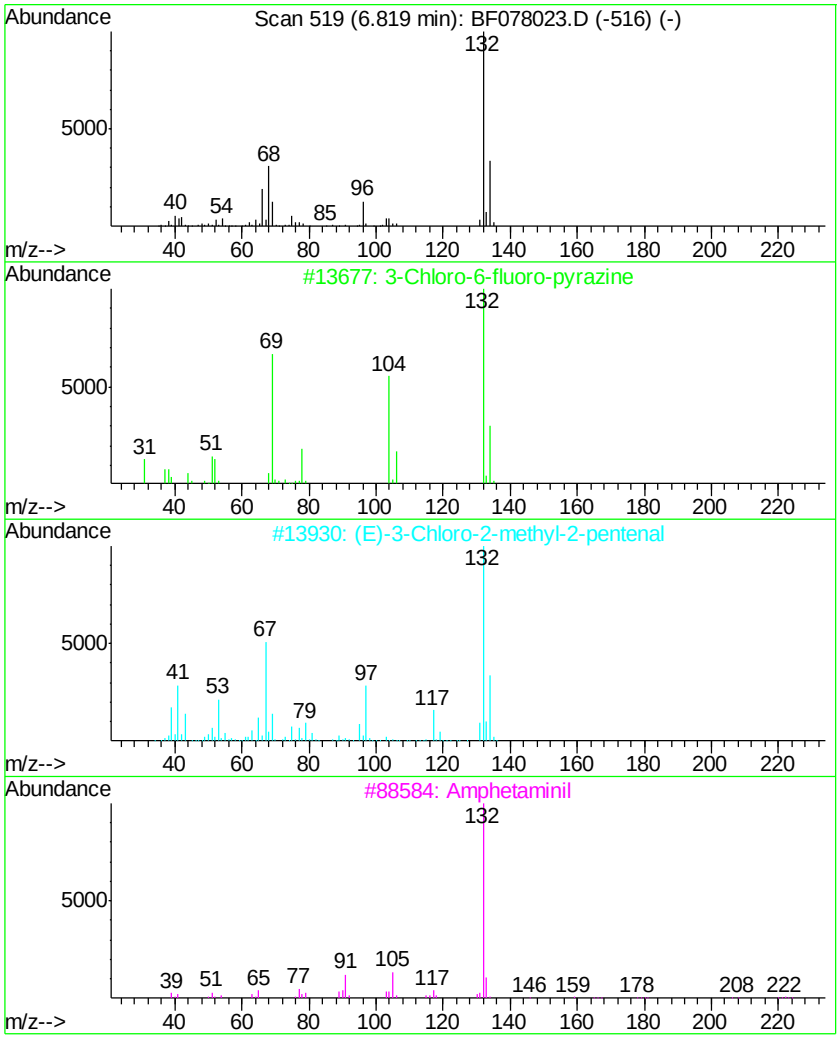
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

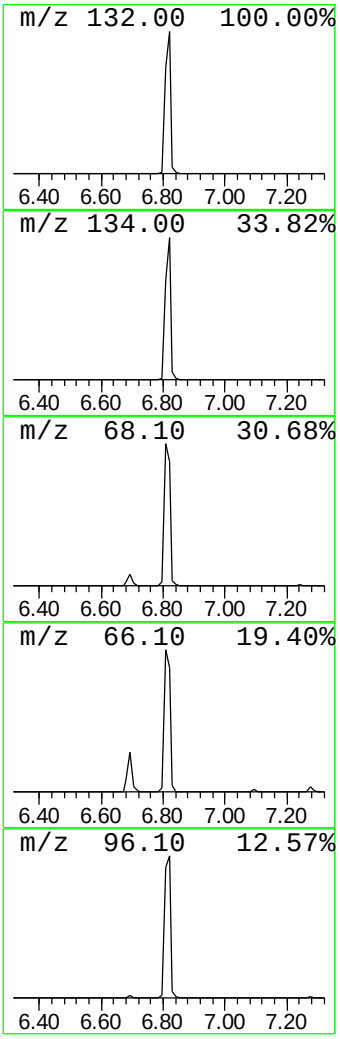
****

Peak Number 6 unknown6.82 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	79.71 ng	812170	1,4-Dichlorobenzene-d4	7.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Operator : TP/IZ
Sample : G1653-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
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TIC Library : C:\DATABASE\NIST02.L
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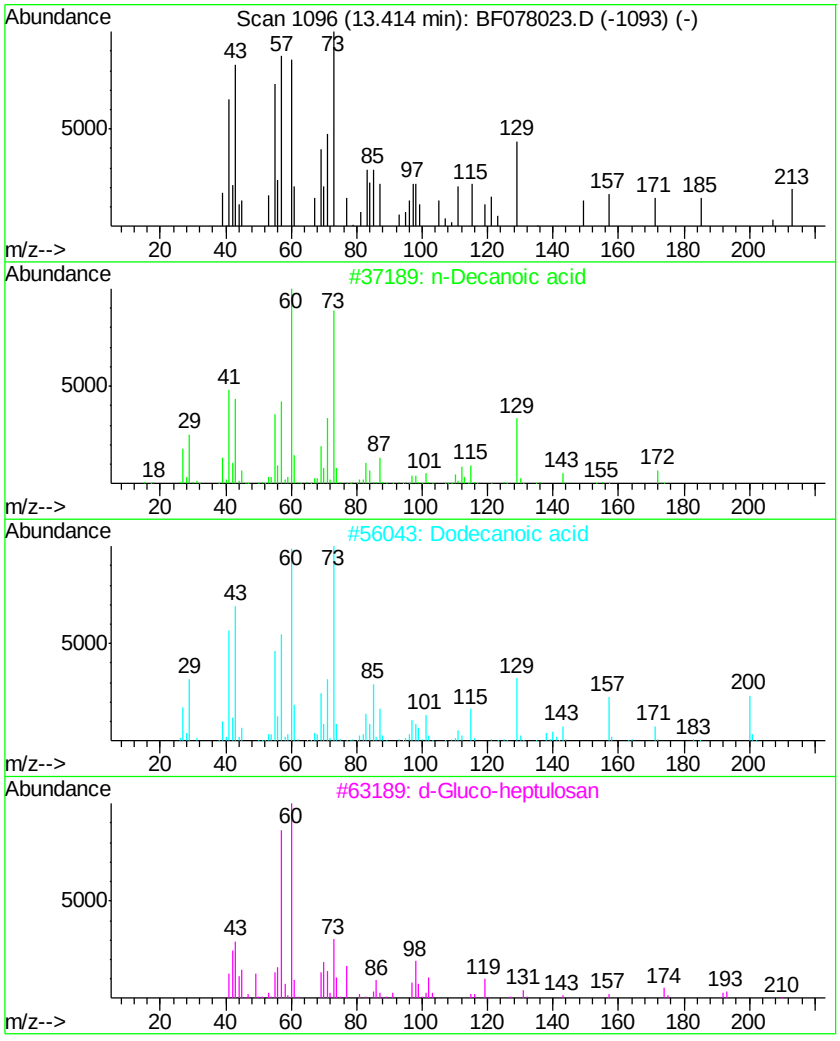
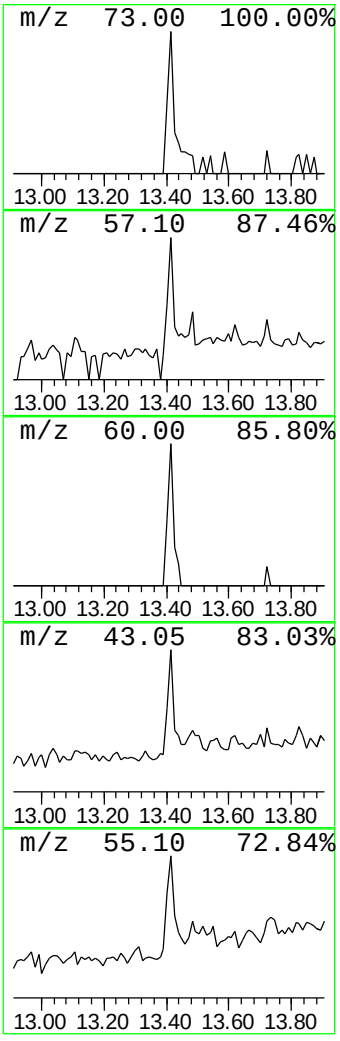
****

Peak Number 8 unknown13.41 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	2.67 ng	49737	Phenanthrene-d10	12.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	47
2	Dodecanoic acid	200	C12H24O2	000143-07-7	43
3	d-Gluco-heptulosan	210	C7H14O7	1000126-85-2	35
4	Octane, 1-(ethenylthio)-	172	C10H20S	042779-08-8	27
5	.alpha.-D-Glucopyranose, 4-O-.be...	342	C12H22O11	014641-93-1	27





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Sample : G1653-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

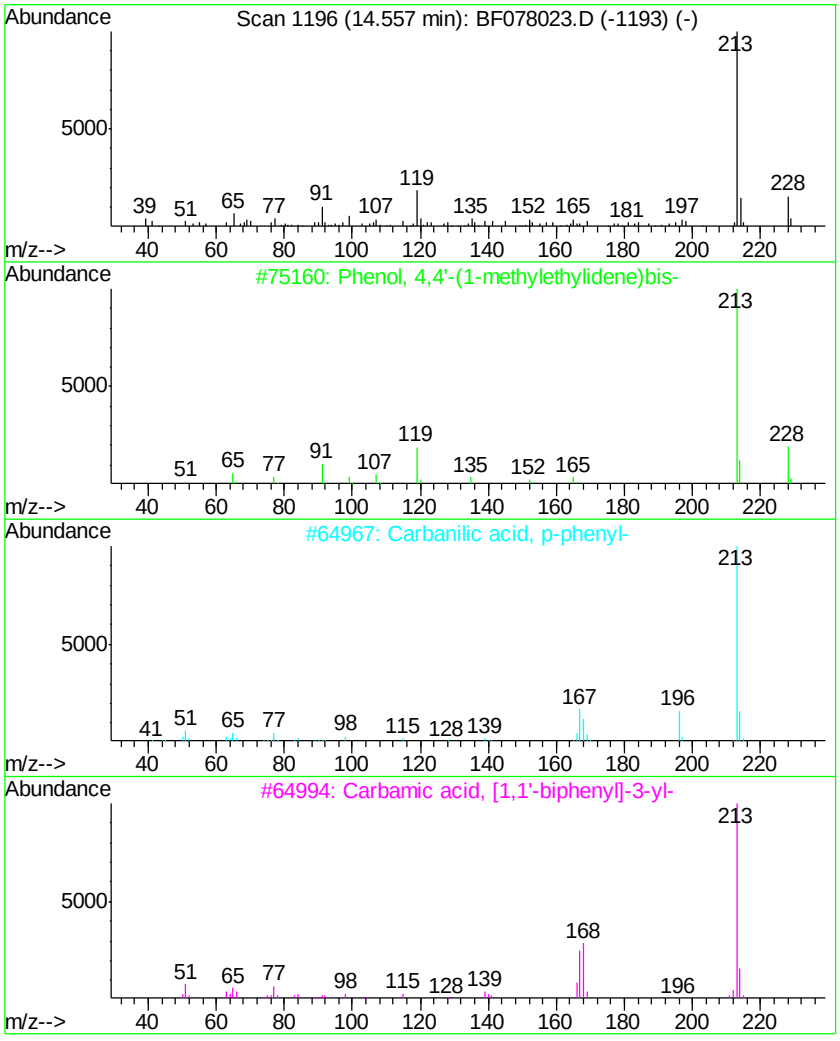
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

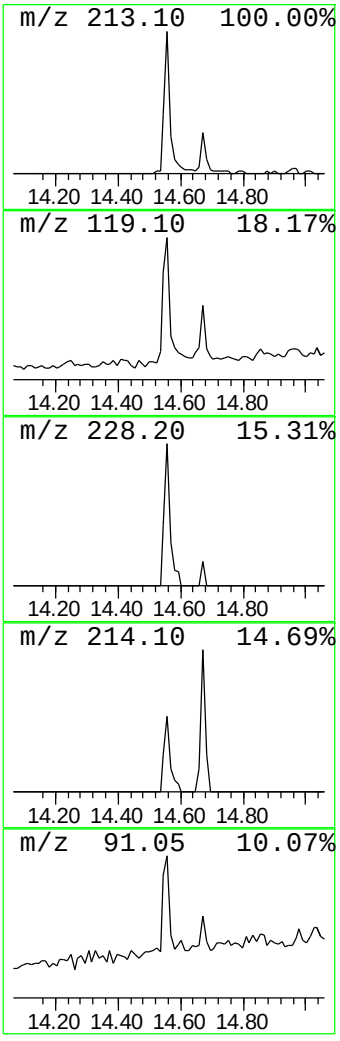
****

Peak Number 9 Phenol, 4,4'-(1-methylethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	4.35 ng	90719	Chrysene-d12	15.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	58
3	Carbamic acid, [1,1'-biphenyl]-3...	213	C13H11NO2	055030-29-0	52
4	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	50
5	Phenol, 2,4'-isopropylidenedi-	228	C15H16O2	000837-08-1	49





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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FD11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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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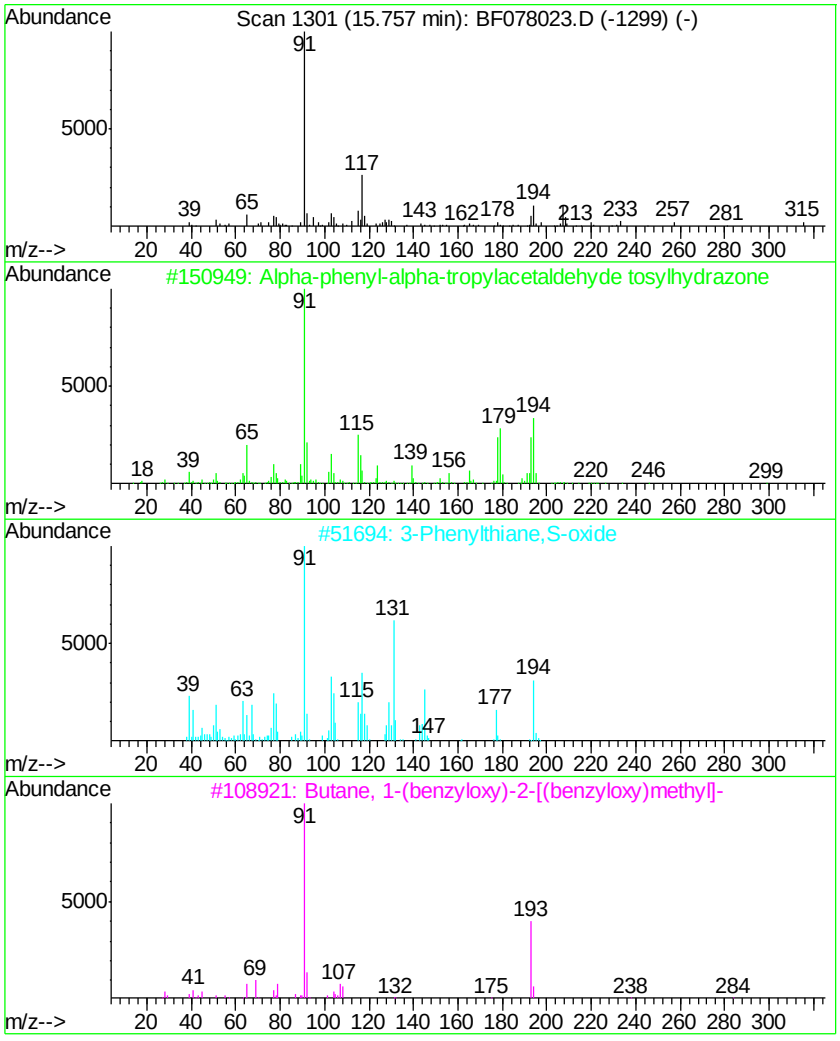
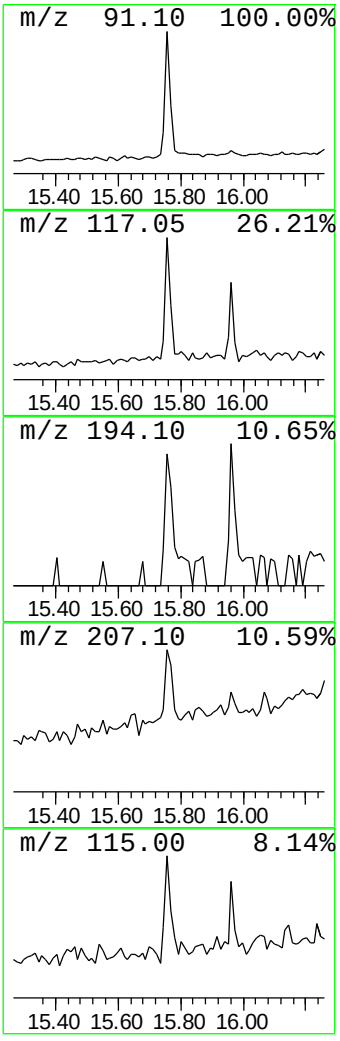
Peak Number 10 unknown15.76 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	2.92 ng	60909	Chrysene-d12	15.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Alpha-phenyl-alpha-tropylacetald...	378	C22H22N2O2S	022532-16-7	22
2	3-Phenylthiane,S-oxide	194	C11H14OS	058121-26-9	10
3	Butane, 1-(benzyloxy)-2-[(benzyl...	284	C19H24O2	033498-90-7	10
4	Benzenepropanoic acid, 2-methoxy...	194	C11H14O3	055001-09-7	9
5	Sulfoxide, .beta.-ethylstyryl me...	194	C11H14OS	021147-10-4	9





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ClientSampleId : FD11

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

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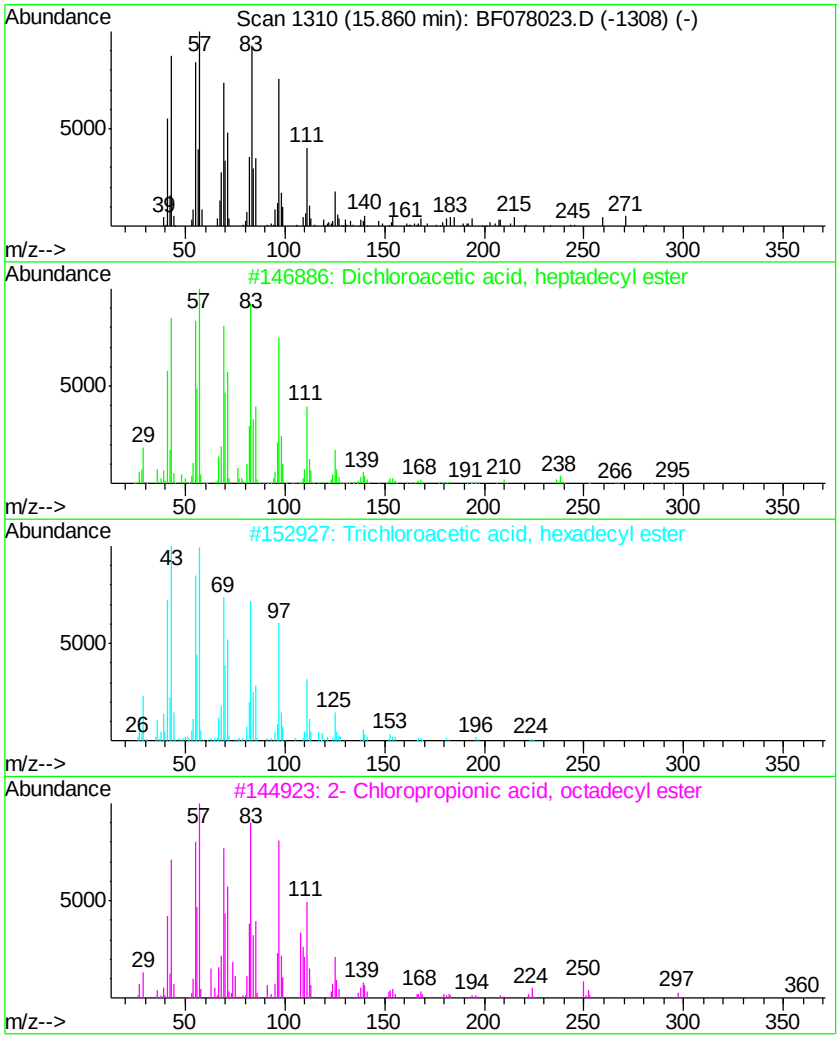
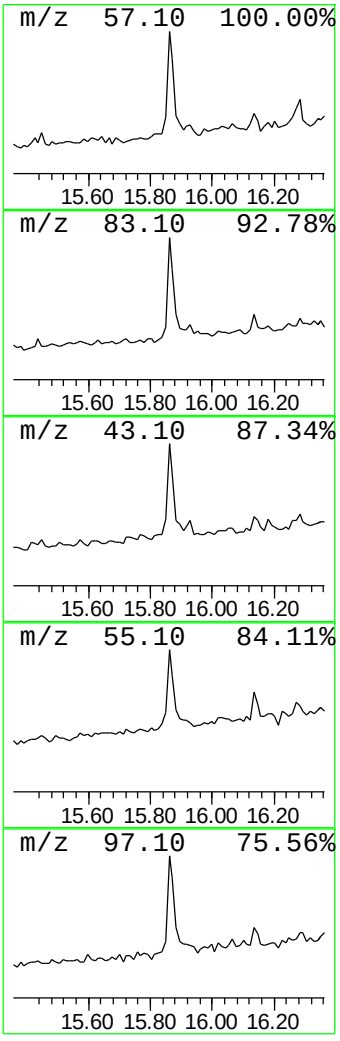
Peak Number 11 Dichloroacetic acid, heptad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	7.25 ng	151219	Chrysene-d12	15.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4	1-Octadecanol	270	C18H38O	000112-92-5	87
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	83





Tentatively Identified Compound (LSC) summary

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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, 2,2-dime...	1.24	67.3	ng	685150	1	7.09	203769	20.0
Butane, 2-methoxy...	1.53	6.4	ng	64910	1	7.09	203769	20.0
2-Pentanone, 4-hy...	4.83	9.8	ng	99435	1	7.09	203769	20.0
unknown6.82	6.82	79.7	ng	812170	1	7.09	203769	20.0
unknown13.41	13.41	2.7	ng	49737	4	12.67	372974	20.0
Phenol, 4,4'-(1-m...	14.56	4.3	ng	90719	5	15.96	417419	20.0
unknown15.76	15.76	2.9	ng	60909	5	15.96	417419	20.0
Dichloroacetic ac...	15.86	7.3	ng	151219	5	15.96	417419	20.0