LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078866.D
Acq On : 1 May 2015 00:09
Operator : TP/IZ
Sample : G2044-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-60D

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-BF043015.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	1.541	28	31	34	rVB	7405959	8817649	100.00%	23.355%
2	1.678	40	43	49	rVB	212270	445300	5.05%	1.179%
3	1.781	49	52	57	rVV	232315	454012	5.15%	1.203%
4	1.861	57	59	62	rVV	287414	393446	4.46%	1.042%
5	1.907	62	63	109	rVB	2344068	4367889	49.54%	11.569%
6	5.176	347	349	355	rVB	420381	541991	6.15%	1.436%
7	5.667	389	392	395	rBV	2153982	2245442	25.47%	5.947%
8	6.925	499	502	504	rBV	1812881	2462449	27.93%	6.522%
9	7.085	513	516	518	rBV	2169444	2562022	29.06%	6.786%
10	7.370	539	541	543	rVB	557800	499697	5.67%	1.324%
11	7.553	555	557	560	rVB	1503766	1779488	20.18%	4.713%
12	8.056	599	601	604	rBV	1354202	1391835	15.78%	3.687%
13	8.948	676	679	681	rBV	788794	681446	7.73%	1.805%
14	10.296	794	797	799	rBV	2583942	2651061	30.07%	7.022%
15	10.799	838	841	843	rBV	121025	128445	1.46%	0.340%
16	11.119	867	869	872	rBV	602614	727694	8.25%	1.927%
17	12.102	952	955	958	rBV	1975352	1871428	21.22%	4.957%
18	12.971	1028	1031	1033	rBV	822141	783439	8.88%	2.075%
19	14.971	1203	1206	1208	rBV	2484560	2912069	33.03%	7.713%
20	16.126	1305	1307	1311	rBV	169619	226338	2.57%	0.600%
21	16.263	1316	1319	1321	rBV	736816	861820	9.77%	2.283%
22	17.771	1448	1451	1455	rBV	31250	101246	1.15%	0.268%
23	17.966	1465	1468	1471	rBV	680550	848241	9.62%	2.247%

Sum of corrected areas: 37754447

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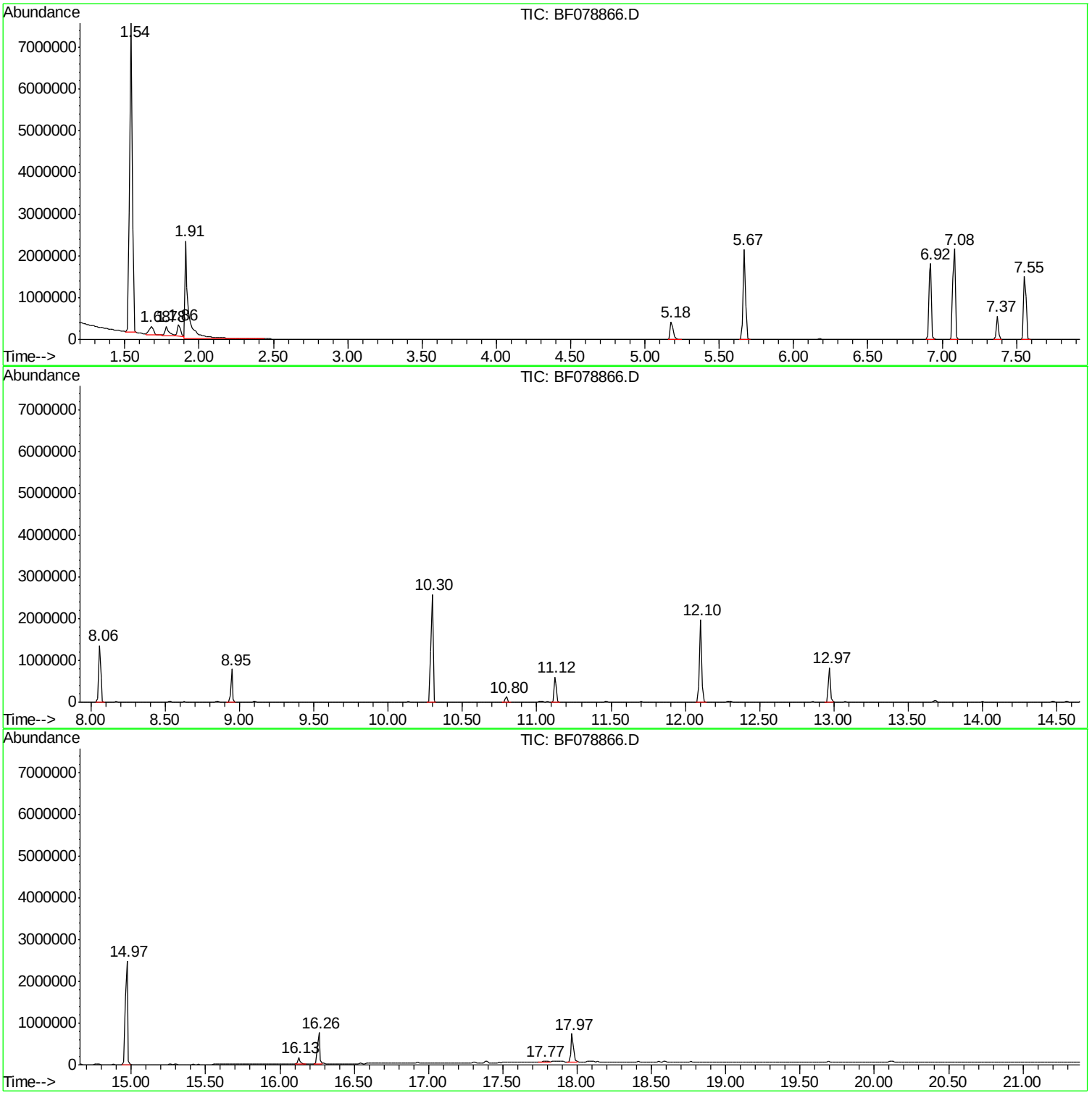
Instrument :
BNA_F
ClientSampleId :
SB-60D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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Data File : BF078866.D
Acq On : 1 May 2015 00:09
Operator : TP/IZ
Sample : G2044-04
Misc :
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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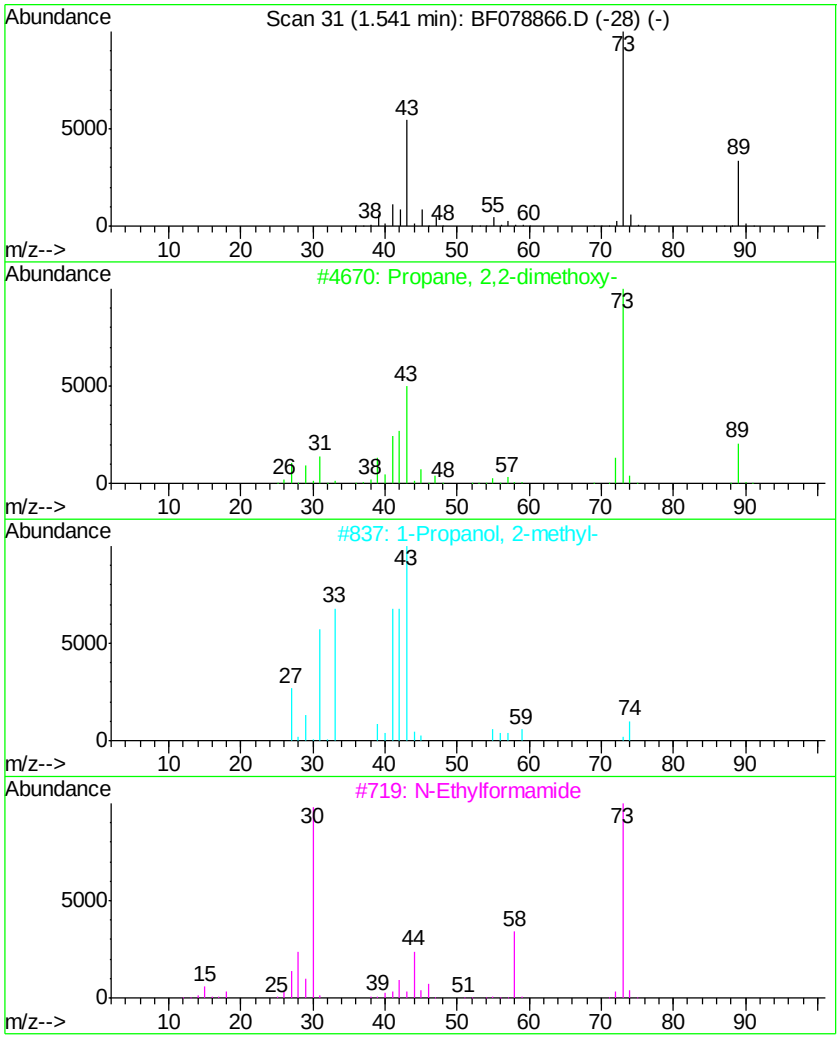
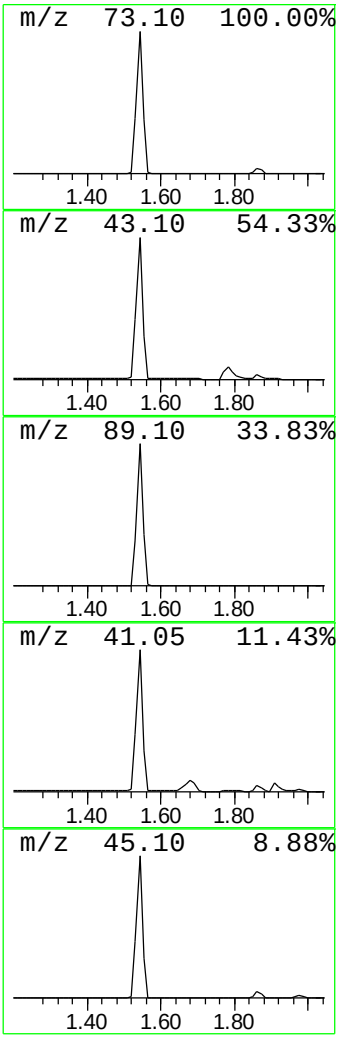
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.54	352.92 ng	8817650	1,4-Dichlorobenzene-d4	7.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





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Instrument : BNA_F
ClientSampleId : SB-60D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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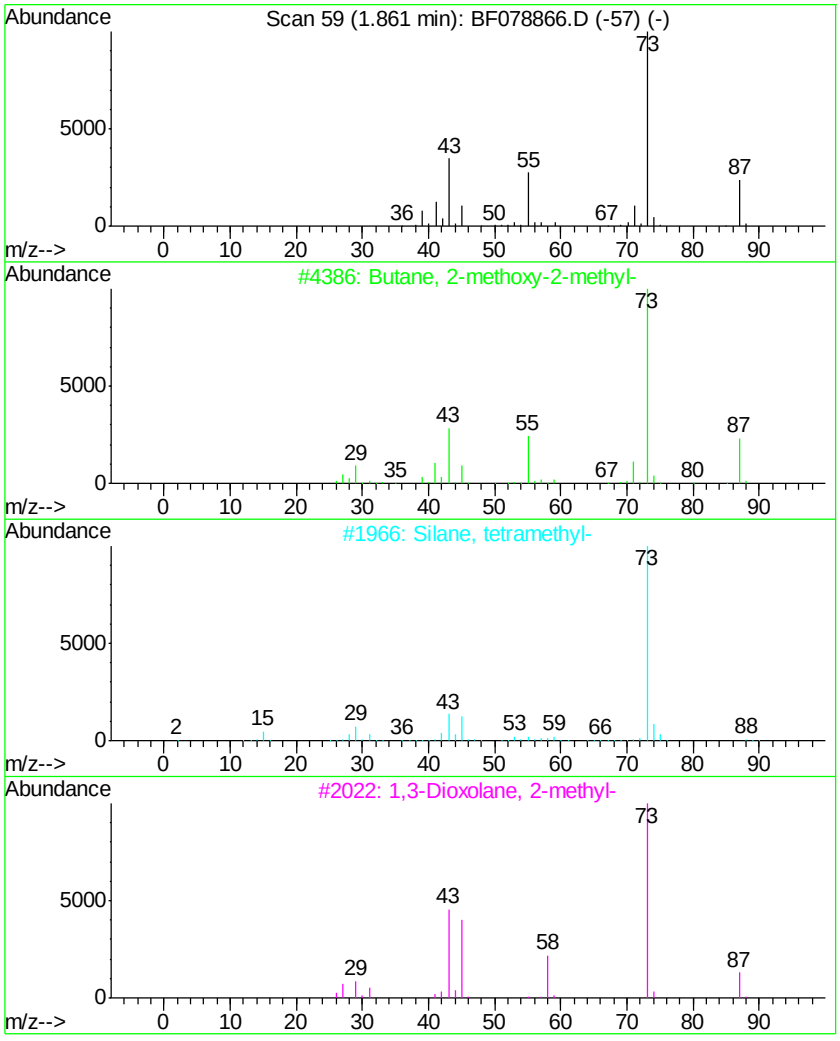
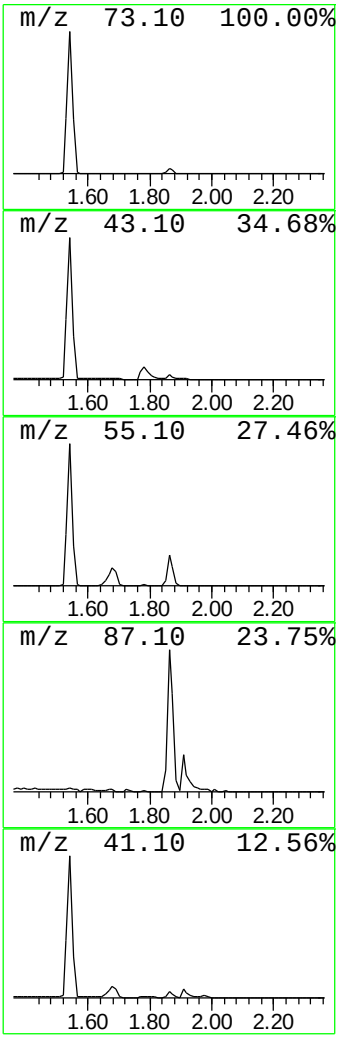
Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.86	15.75 ng	393446	1,4-Dichlorobenzene-d4	7.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	43
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078866.D
Acq On : 1 May 2015 00:09
Operator : TP/IZ
Sample : G2044-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-60D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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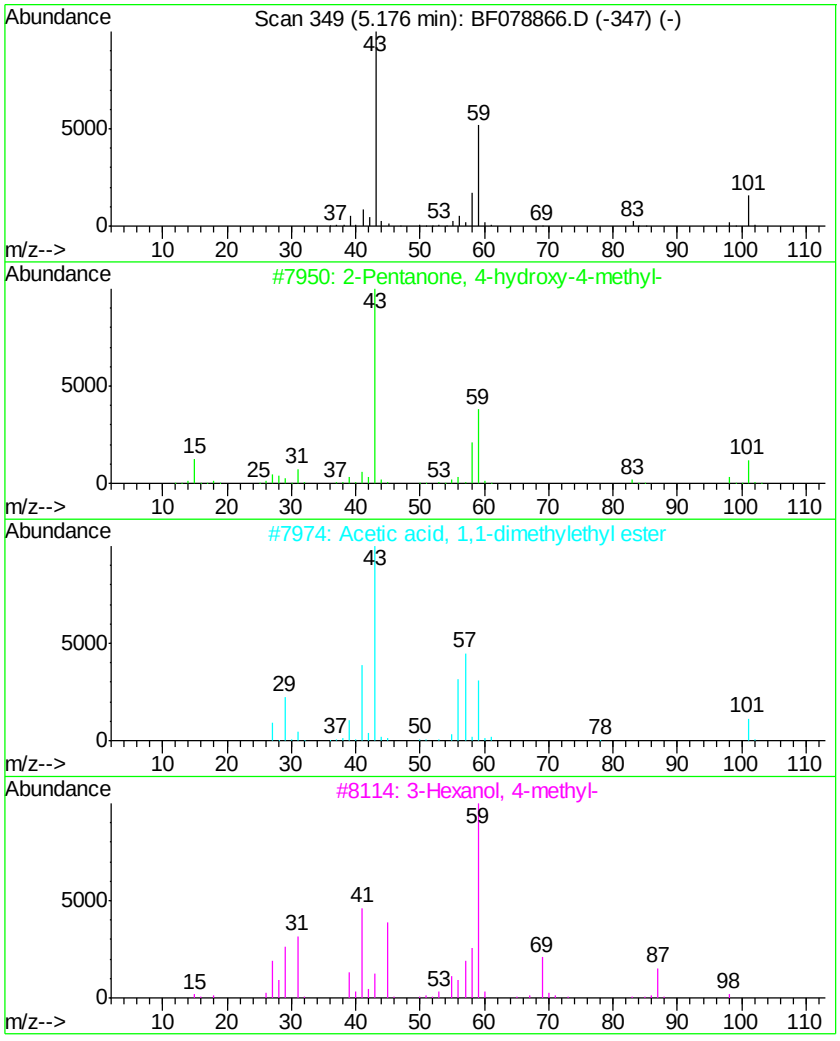
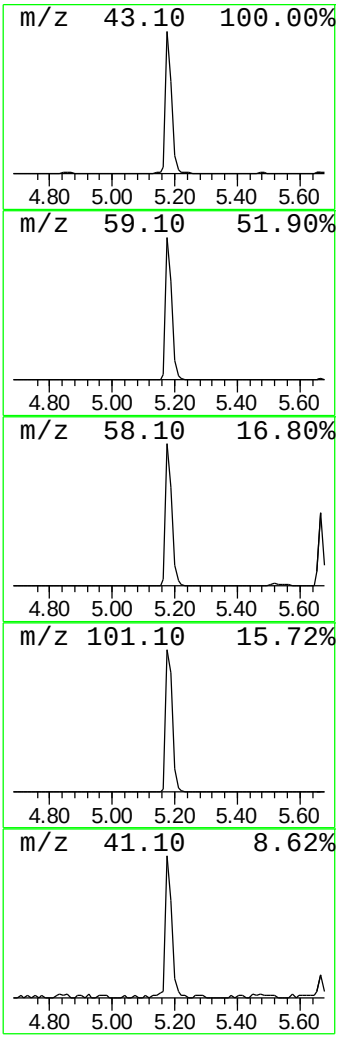
Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	21.69 ng	541991	1,4-Dichlorobenzene-d4	7.37

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	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Operator : TP/IZ
Sample : G2044-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-60D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

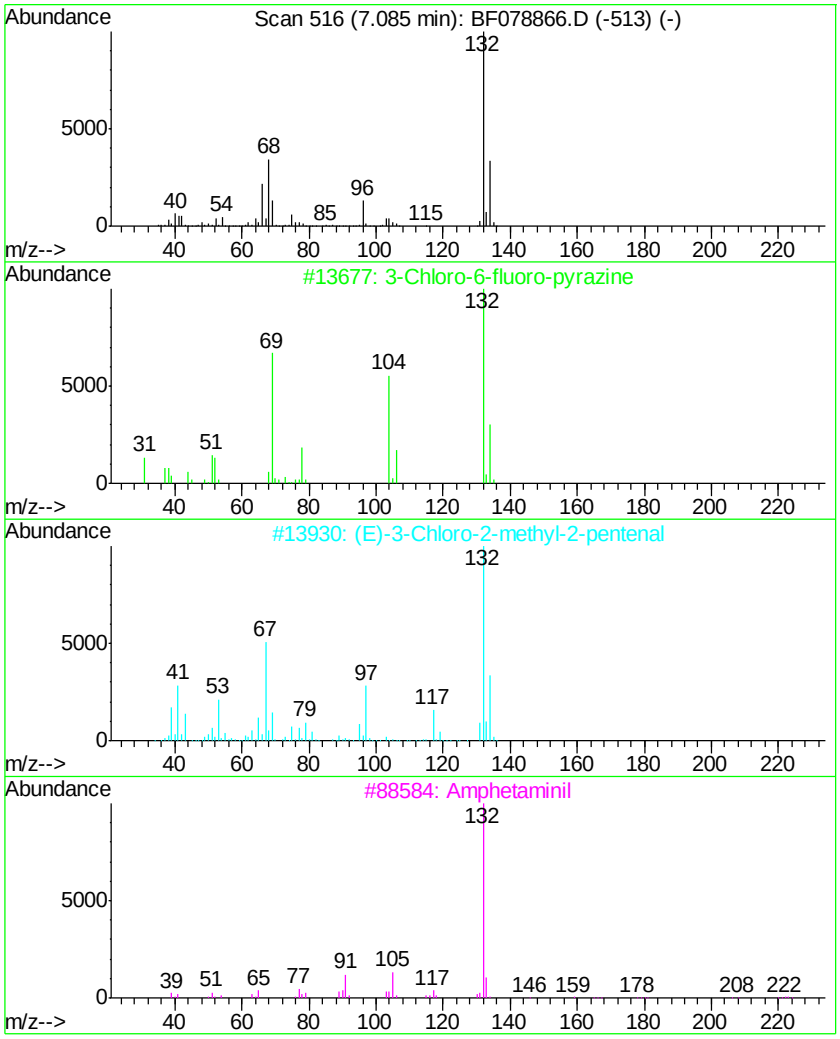
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

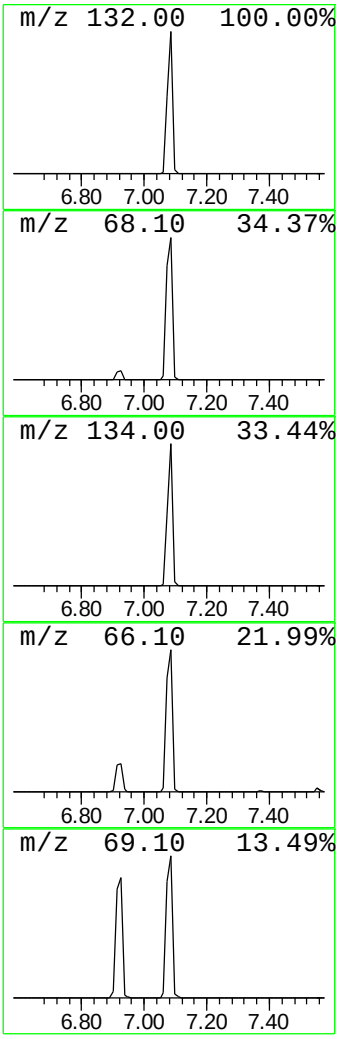
****

Peak Number 7 unknown7.08 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	102.54 ng	2562020	1,4-Dichlorobenzene-d4	7.37

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	35
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
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Operator : TP/IZ
Sample : G2044-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-60D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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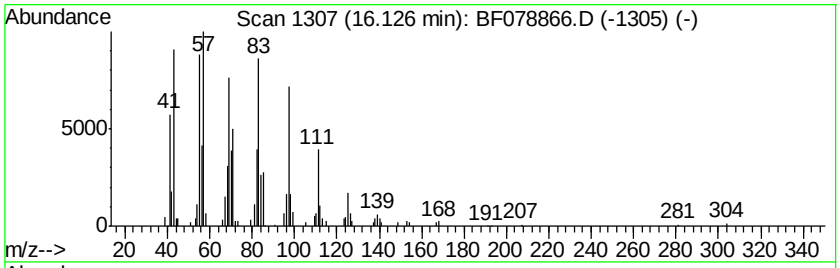
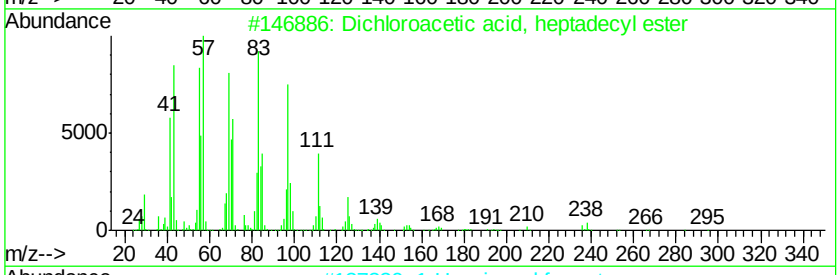
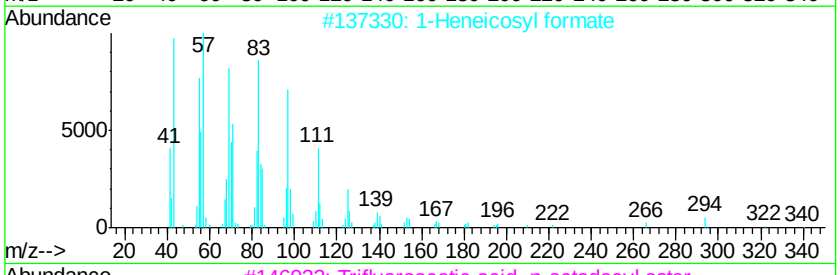
Peak Number 9 Dichloroacetic acid, heptad... Concentration Rank 9

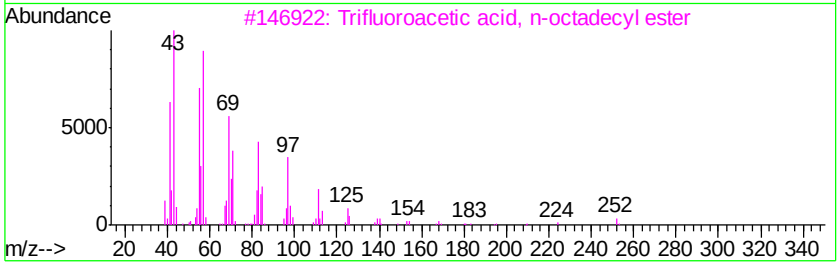
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	5.25 ng	226338	Chrysene-d12	16.26

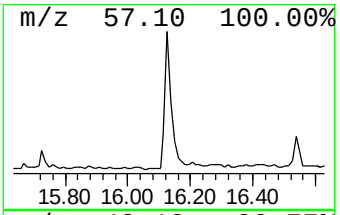
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
5	1-Nonadecene	266	C19H38	018435-45-5	91

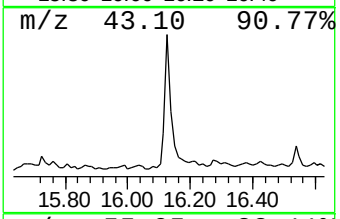


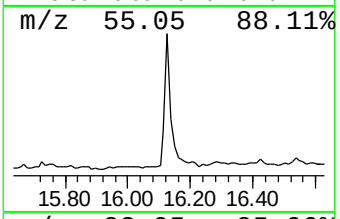


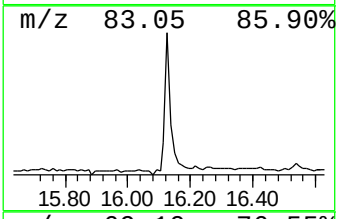


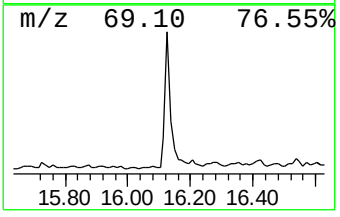












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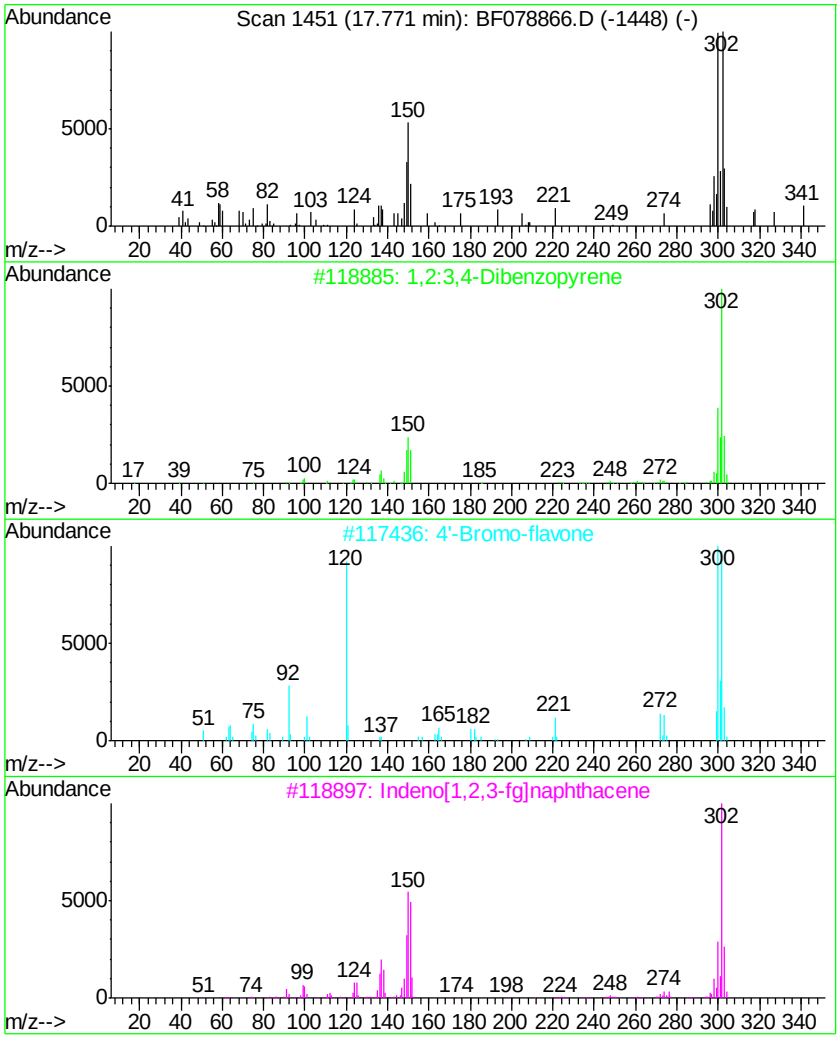
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

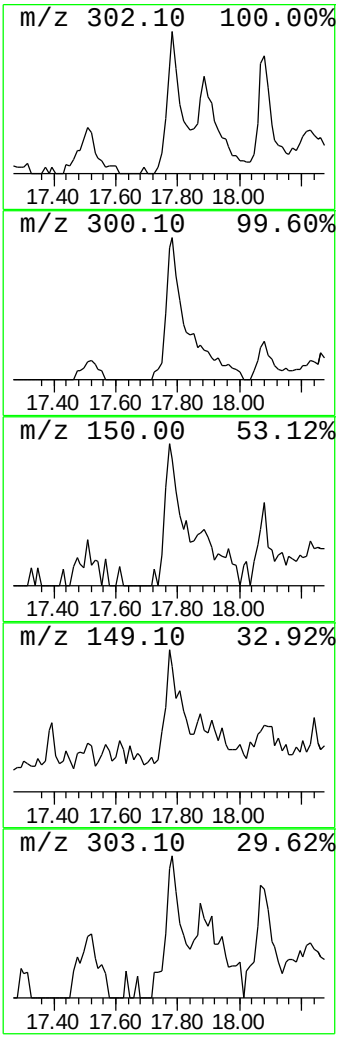
****

Peak Number 10 unknown17.77 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	2.39 ng	101246	Perylene-d12	17.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	49
2	4'-Bromo-flavone	300	C15H9BrO2	020525-20-6	47
3	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	43
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	43
5	Coronene, 1,2-dihydro-	302	C24H14	107716-56-3	43





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	1.54	352.9	ng	8817650	1	7.37	499697	20.0
Butane, 2-methoxy...	1.86	15.8	ng	393446	1	7.37	499697	20.0
2-Pentanone, 4-hy...	5.18	21.7	ng	541991	1	7.37	499697	20.0
unknown7.08	7.08	102.5	ng	2562020	1	7.37	499697	20.0
Dichloroacetic ac...	16.13	5.3	ng	226338	5	16.26	861820	20.0
unknown17.77	17.77	2.4	ng	101246	6	17.97	848241	20.0