LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078418.D
Acq On : 11 Apr 2015 00:13
Operator : TP/IZ
Sample : G1831-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PE-8

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-BF040115.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	1.024	10	12	14	rBV	510786	479667	5.95%	2.171%
2	1.138	18	22	24	rBV	5462675	8061627	100.00%	36.491%
3	1.275	32	34	38	rVB	96891	125902	1.56%	0.570%
4	1.527	54	56	63	rBV	60959	118039	1.46%	0.534%
5	1.618	63	64	82	rVV	559671	957102	11.87%	4.332%
6	1.835	82	83	97	rVB	64040	118779	1.47%	0.538%
7	4.521	316	318	326	rBV	104782	159812	1.98%	0.723%
8	5.116	367	370	384	rBV	956630	1134125	14.07%	5.134%
9	6.453	485	487	490	rBV	940207	1122166	13.92%	5.079%
10	6.567	495	497	500	rBV	1125202	1191738	14.78%	5.394%
11	6.853	520	522	525	rBV	207831	231953	2.88%	1.050%
12	7.047	536	539	541	rBV	761893	952878	11.82%	4.313%
13	7.562	581	584	586	rBV	804723	763644	9.47%	3.457%
14	8.430	658	660	663	rBV	253299	316434	3.93%	1.432%
15	9.779	776	778	781	rBV	1527062	1527068	18.94%	6.912%
16	10.591	846	849	852	rVB	431537	401477	4.98%	1.817%
17	11.493	926	928	932	rVB	87771	83296	1.03%	0.377%
18	11.562	932	934	937	rBV2	767209	953172	11.82%	4.315%
19	12.419	1006	1009	1011	rBV	363772	424597	5.27%	1.922%
20	14.408	1180	1183	1186	rBV	1775504	1857779	23.04%	8.409%
21	15.597	1284	1287	1291	rBV	58957	104692	1.30%	0.474%
22	15.677	1291	1294	1296	rVV	421862	511068	6.34%	2.313%
23	17.345	1437	1440	1443	rBV	373117	495079	6.14%	2.241%

Sum of corrected areas: 22092094

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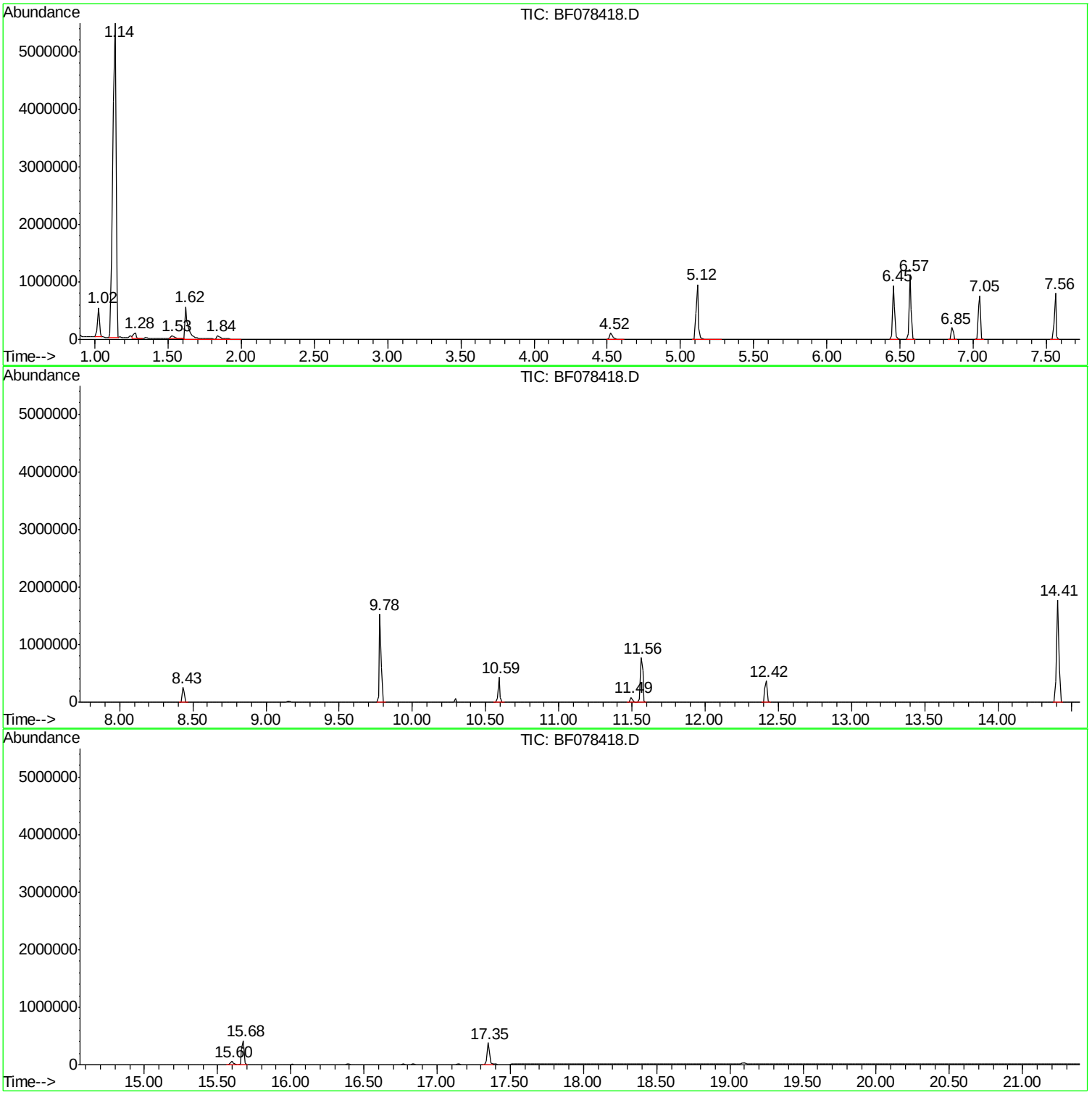
Instrument : BNA_F
ClientSampleId : PE-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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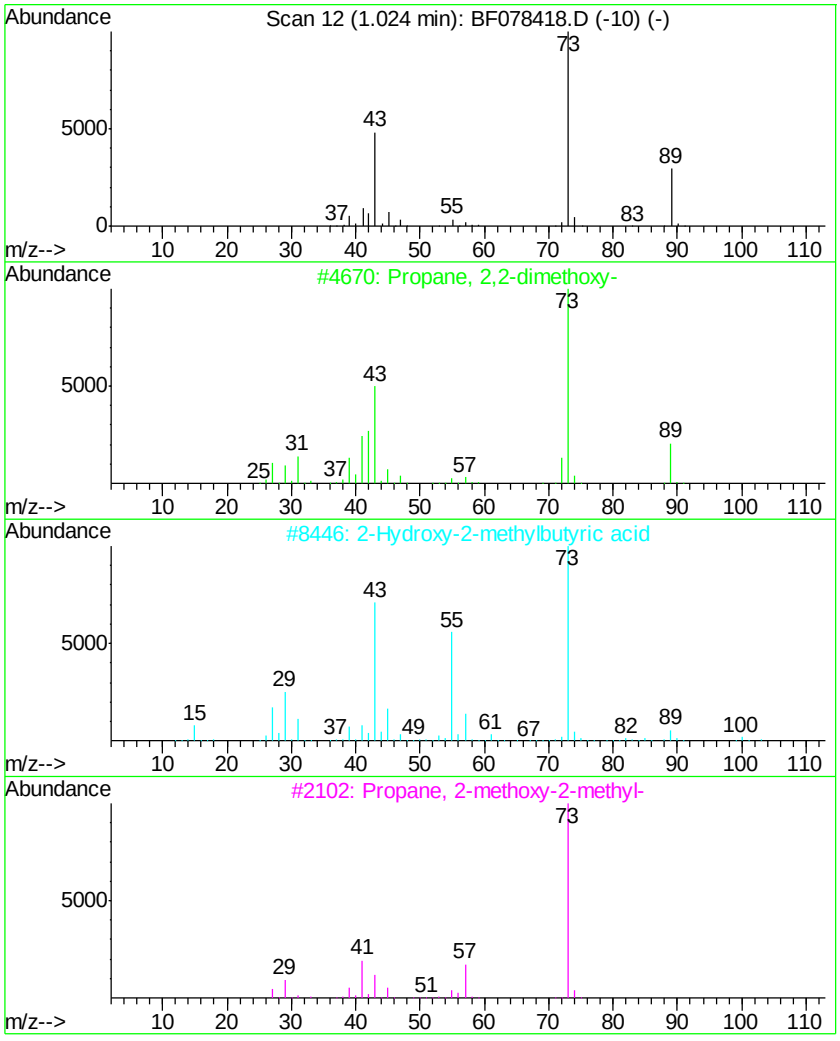
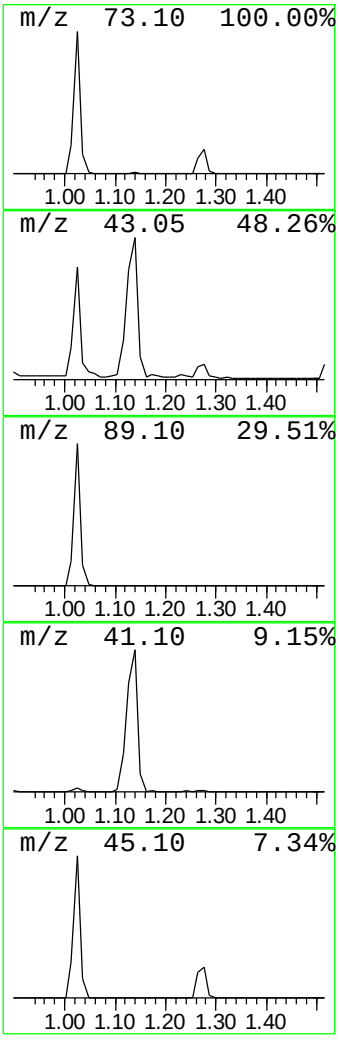
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.02	41.36 ng	479667	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7





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Instrument : BNA_F
ClientSampleId : PE-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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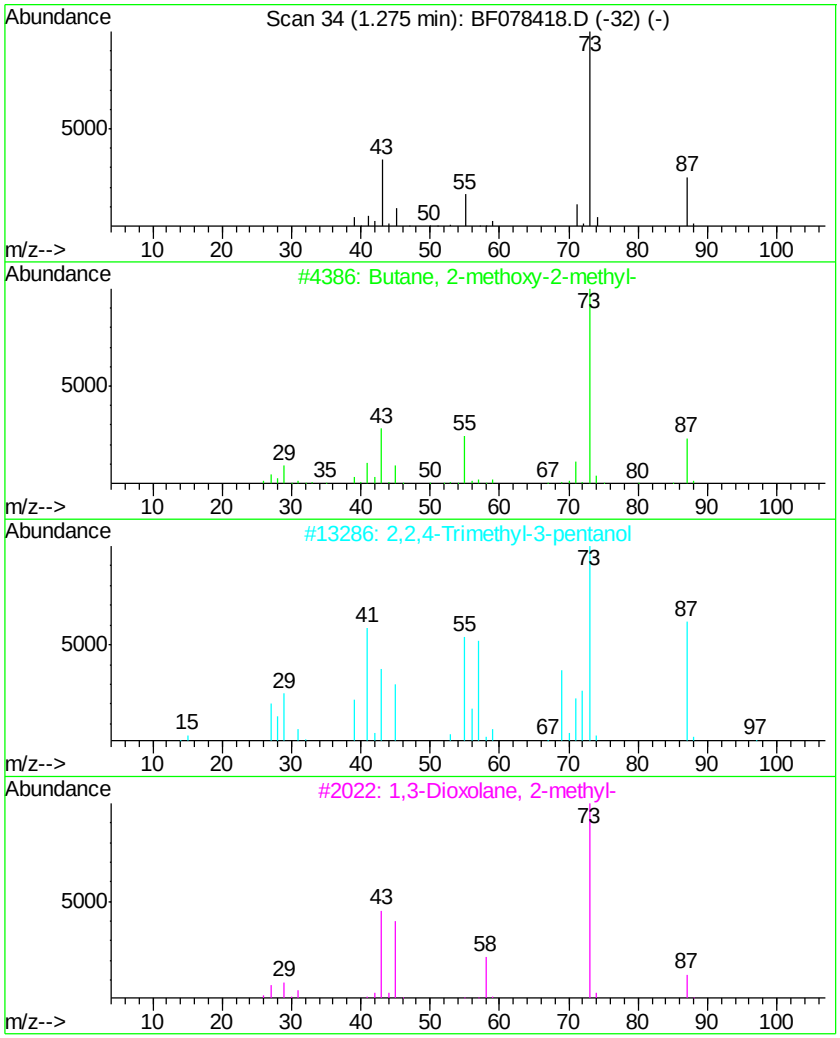
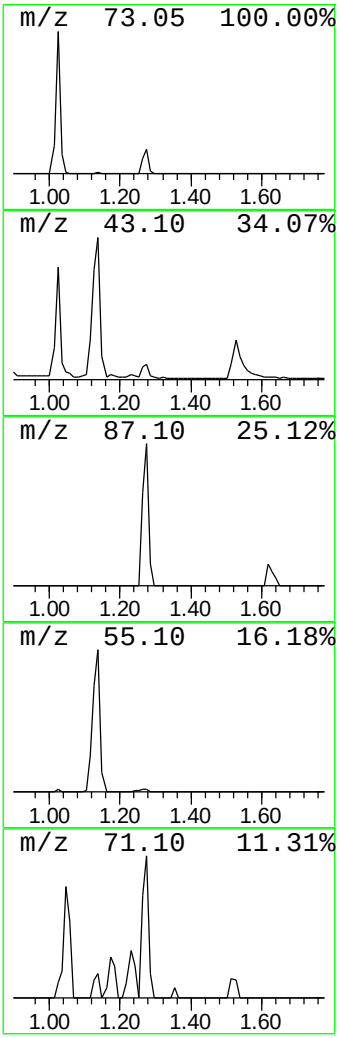
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.28	10.86 ng	125902	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	7
5	N-Ethylformamide	73	C3H7NO	000627-45-2	7





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Operator : TP/IZ
Sample : G1831-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PE-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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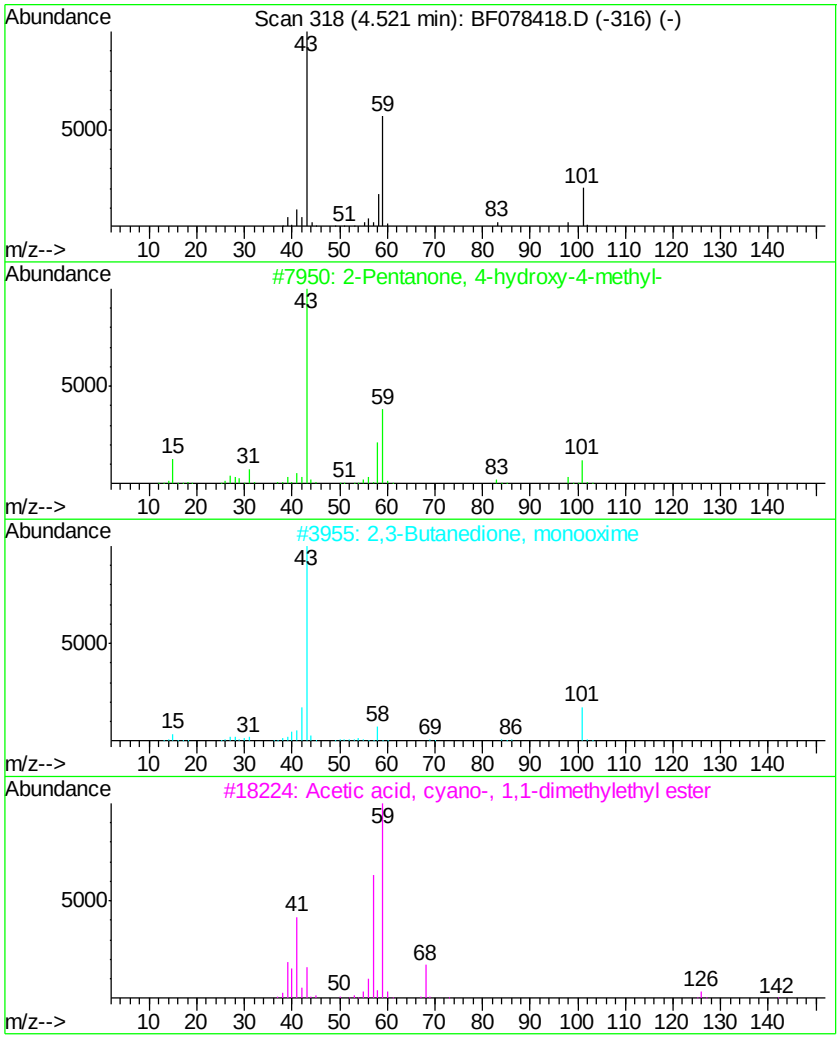
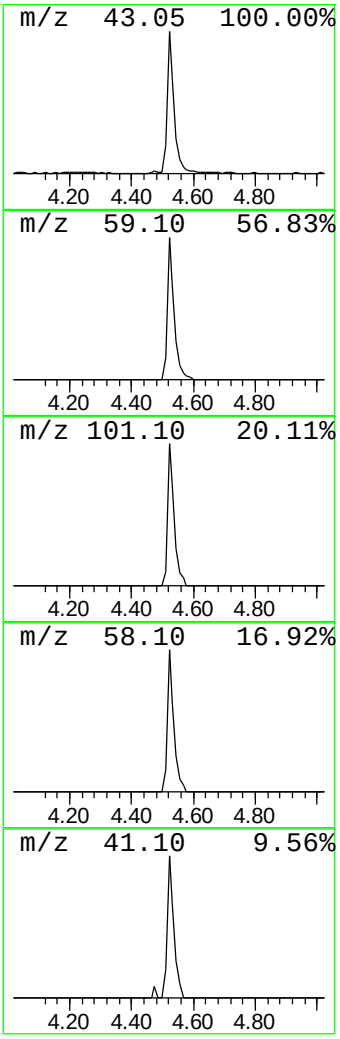
Peak Number 7 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	13.78 ng	159812	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Acetone	58	C3H6O	000067-64-1	9





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PE-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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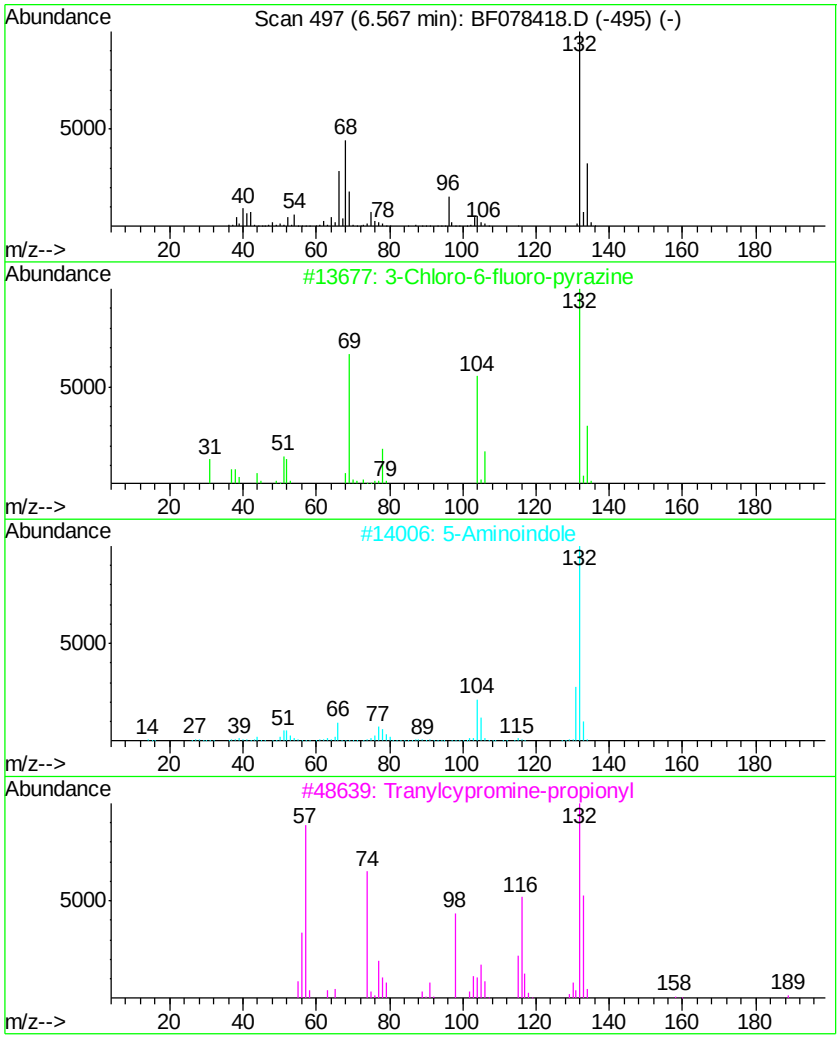
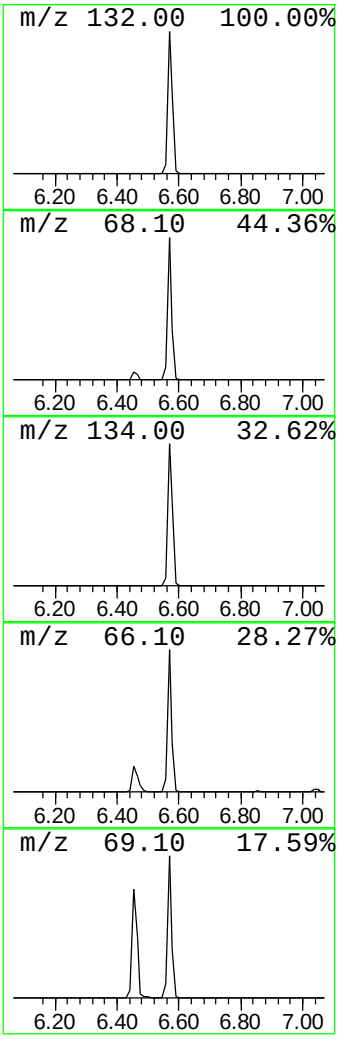
Peak Number 8 unknown6.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	102.76 ng	1191740	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Sample : G1831-02
Misc :
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Instrument : BNA_F
ClientSampleId : PE-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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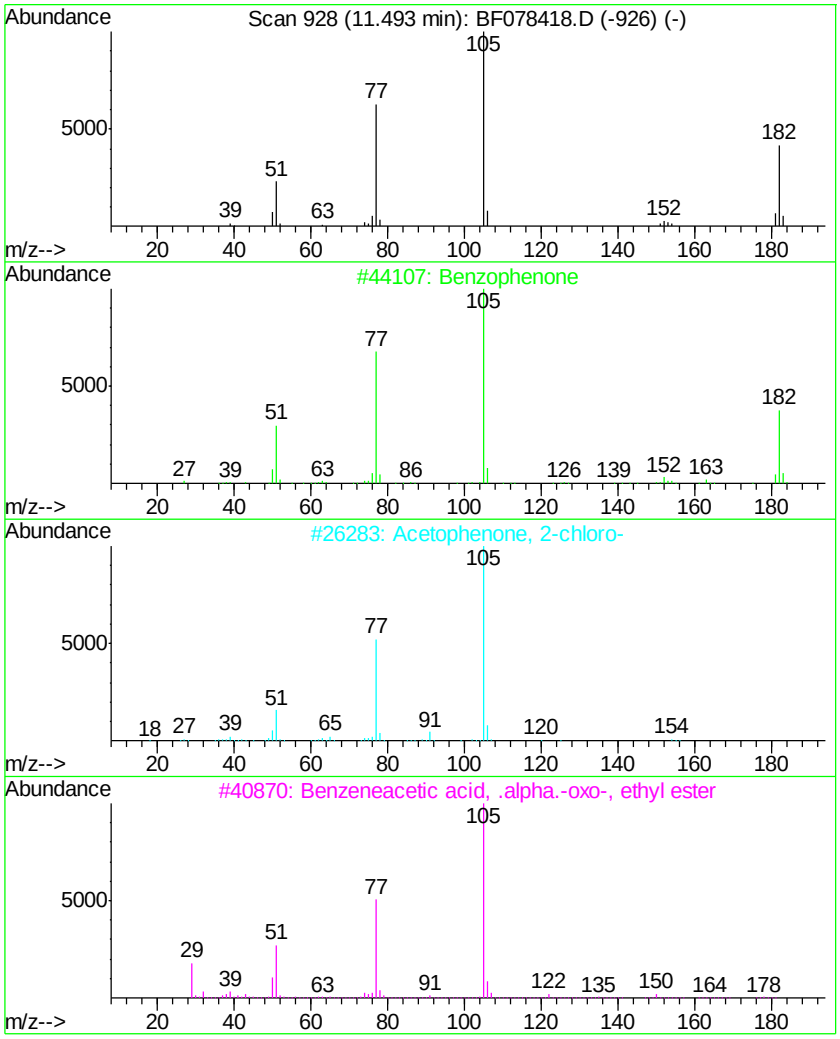
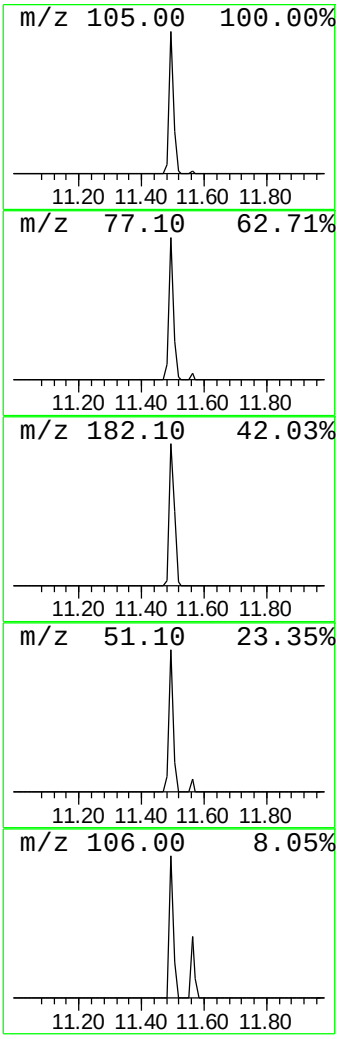
Peak Number 10 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	4.15 ng	83296	Acenaphthene-d10	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	47
4	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
5	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47





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Sample : G1831-02
Misc :
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Instrument : BNA_F
ClientSampleId : PE-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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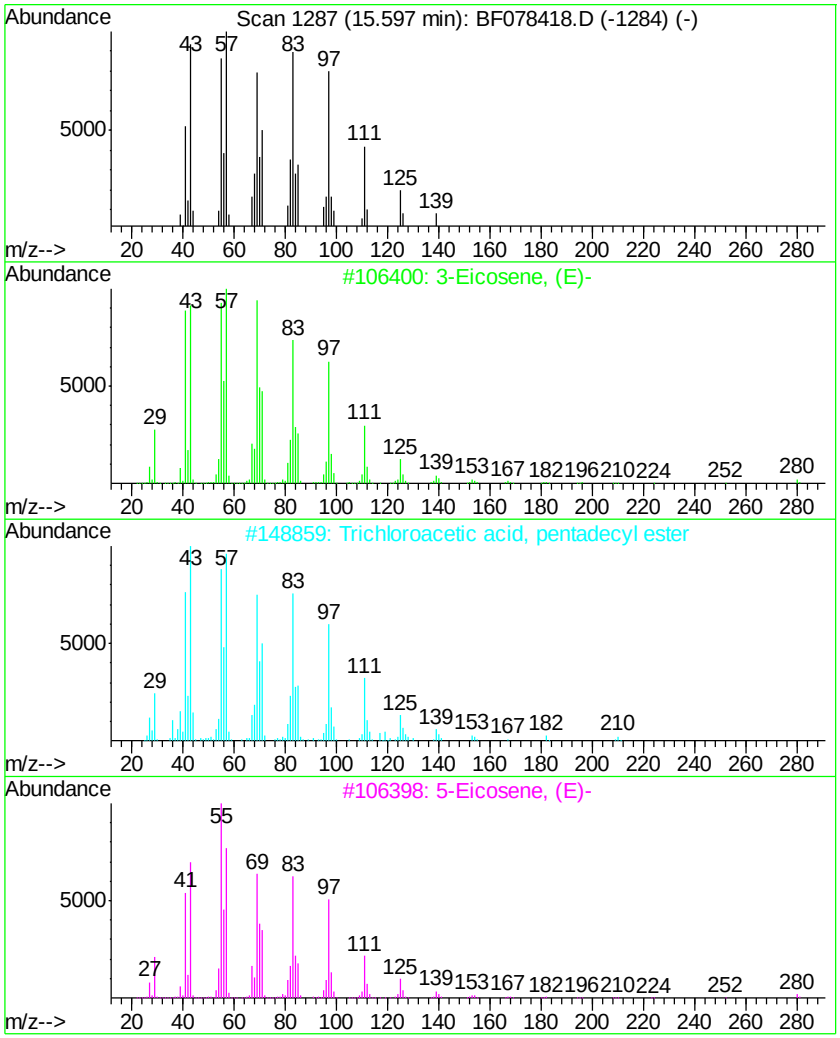
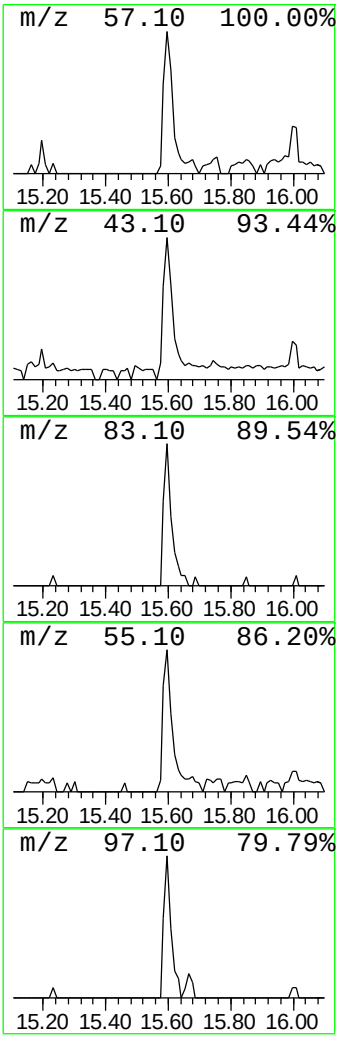
Peak Number 11 3-Eicosene, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	4.10 ng	104692	Chrysene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	83
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	74
4	1-Docosene	308	C22H44	001599-67-3	74
5	1-Hexadecanol	242	C16H34O	036653-82-4	72





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
Propane, 2,2-dime...	1.02	41.4	ng	479667	1	6.85	231953	20.0
Butane, 2-methoxy...	1.28	10.9	ng	125902	1	6.85	231953	20.0
2-Pentanone, 4-hy...	4.52	13.8	ng	159812	1	6.85	231953	20.0
unknown6.57	6.57	102.8	ng	1191740	1	6.85	231953	20.0
Benzophenone	11.49	4.2	ng	83296	3	10.59	401477	20.0
3-Eicosene, (E)-	15.60	4.1	ng	104692	5	15.68	511068	20.0