LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040615\
Data File : BF078284.D
Acq On : 7 Apr 2015 5:35
Operator : TP/IZ
Sample : G1775-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-016

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	1.138	20	22	25	rBV	1439674	1373789	100.00%	12.782%
2	1.253	28	32	35	rVB	93927	169399	12.33%	1.576%
3	1.401	43	45	48	rVB	75675	91123	6.63%	0.848%
4	1.687	68	70	78	rBV	37758	60175	4.38%	0.560%
5	4.693	331	333	339	rBV	58882	94352	6.87%	0.878%
6	5.264	380	383	396	rVB	527345	792281	57.67%	7.372%
7	6.579	495	498	500	rBV	727026	827928	60.27%	7.703%
8	6.693	506	508	511	rBV	921403	859355	62.55%	7.996%
9	6.979	531	533	535	rBV	235117	214199	15.59%	1.993%
10	7.162	547	549	552	rBV	747892	672646	48.96%	6.258%
11	7.676	592	594	596	rBV	582976	509937	37.12%	4.745%
12	8.556	669	671	673	rBV	330406	296915	21.61%	2.763%
13	9.276	732	734	736	rBB	15064	15473	1.13%	0.144%
14	9.905	786	789	791	rBV	1140923	1070272	77.91%	9.958%
15	10.419	831	834	836	rBB	24708	32326	2.35%	0.301%
16	10.716	858	860	863	rVB	377364	346690	25.24%	3.226%
17	11.619	937	939	942	rBB	58234	53202	3.87%	0.495%
18	11.699	943	946	948	rBV	480131	591738	43.07%	5.506%
19	12.545	1018	1020	1023	rBV	361313	355113	25.85%	3.304%
20	14.545	1192	1195	1197	rBV	800039	1113757	81.07%	10.363%
21	15.723	1295	1298	1303	rBV2	94649	193879	14.11%	1.804%
22	15.814	1303	1306	1309	rVB	415559	421424	30.68%	3.921%
23	16.454	1357	1362	1364	rBV3	6285	13920	1.01%	0.130%
24	16.511	1364	1367	1374	rVB6	9251	29665	2.16%	0.276%
25	16.957	1404	1406	1408	rVB	16656	19394	1.41%	0.180%
26	17.471	1448	1451	1454	rBV	369561	418899	30.49%	3.898%
27	17.997	1494	1497	1498	rBV3	8869	14424	1.05%	0.134%
28	18.054	1498	1502	1507	rVV5	17865	57213	4.16%	0.532%
29	18.946	1575	1580	1582	rBV4	11626	38258	2.78%	0.356%

Sum of corrected areas: 10747746

LSC Report - Integrated Chromatogram

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Data File : BF078284.D
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Misc :
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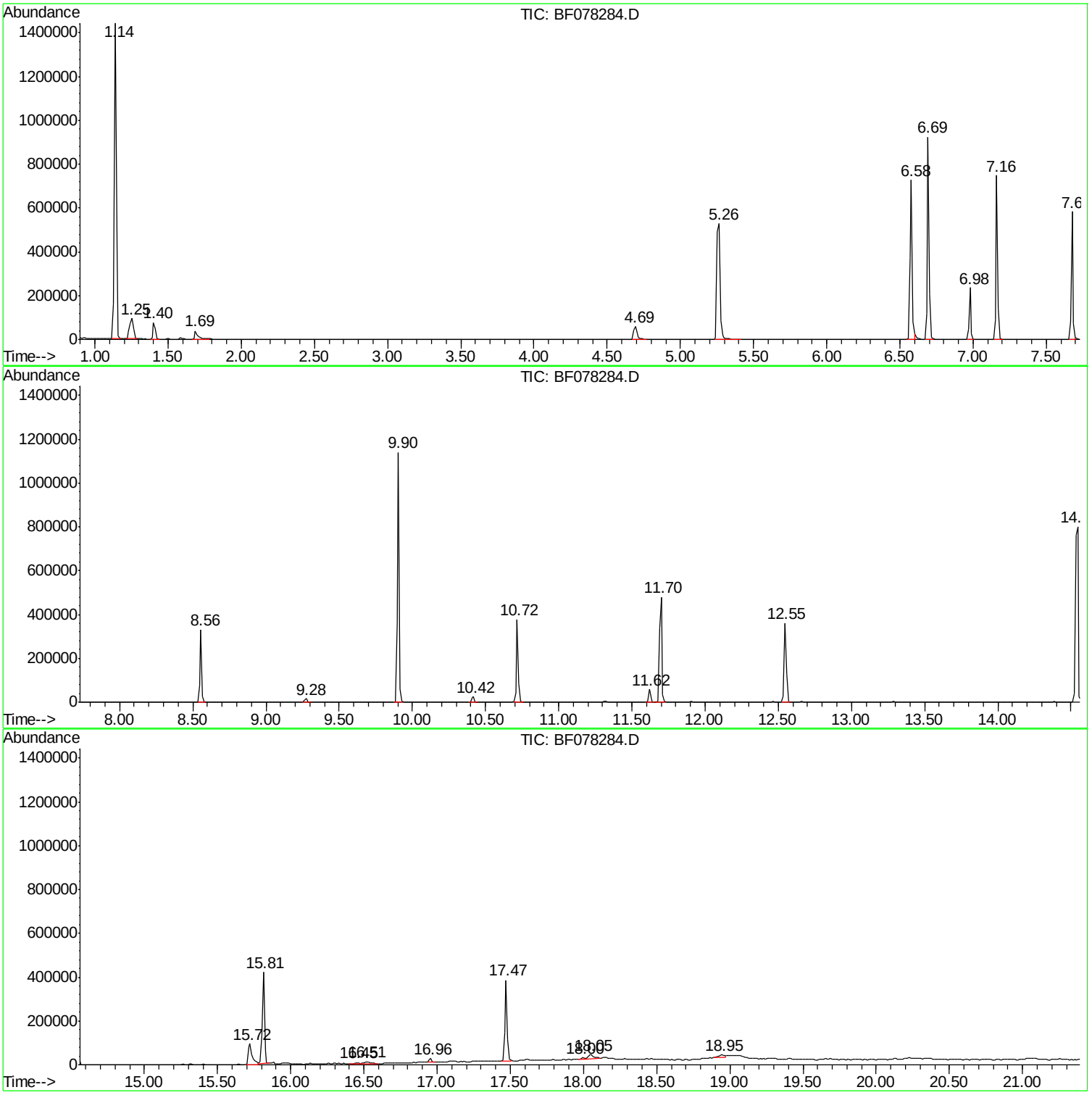
Instrument : BNA_F
ClientSampleId : SW-016

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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

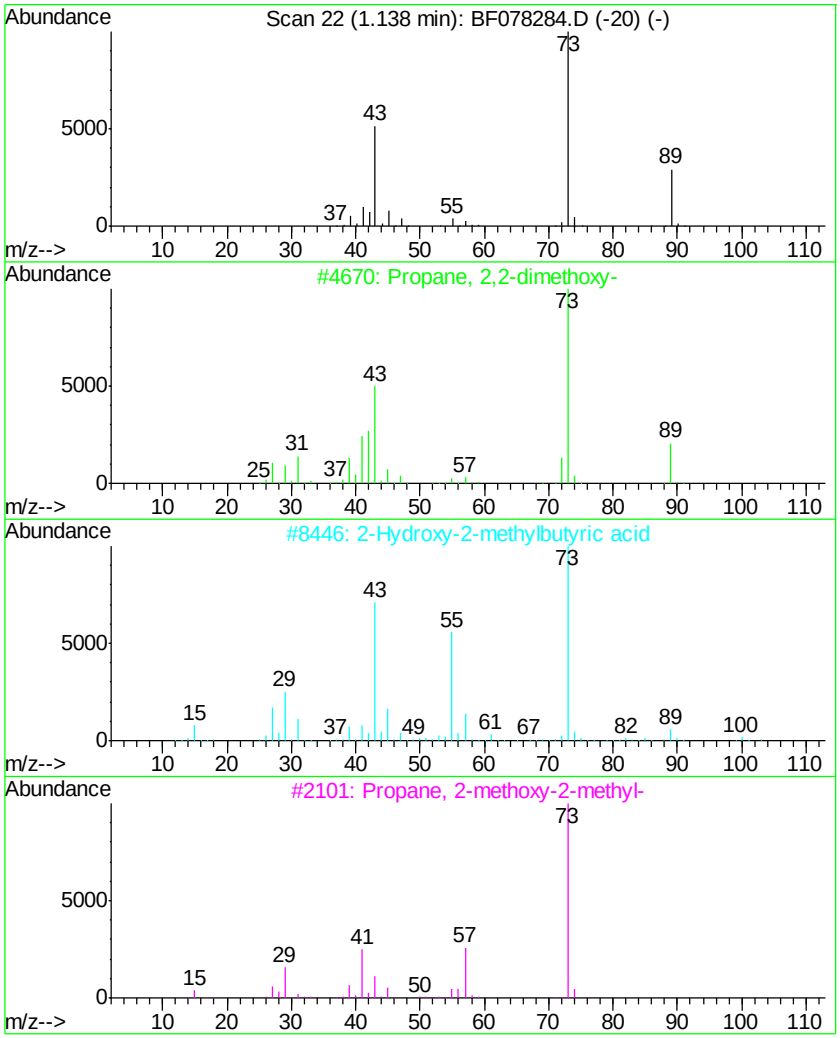
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

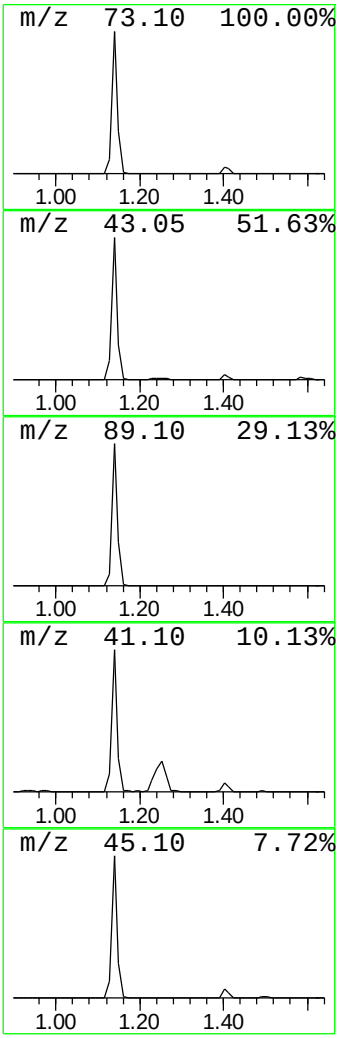
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.14	128.27 ng	1373790	1,4-Dichlorobenzene-d4	6.98

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	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	7





Library Search Compound Report

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Acq On : 7 Apr 2015 5:35
Operator : TP/IZ
Sample : G1775-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-016

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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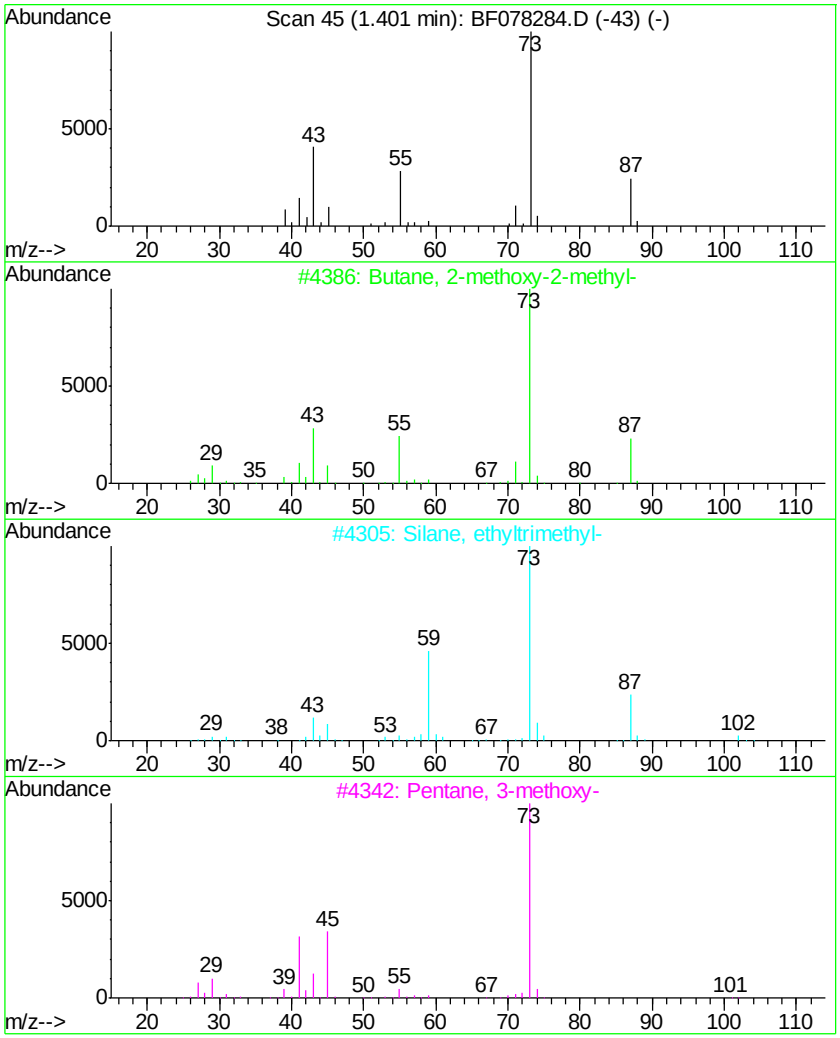
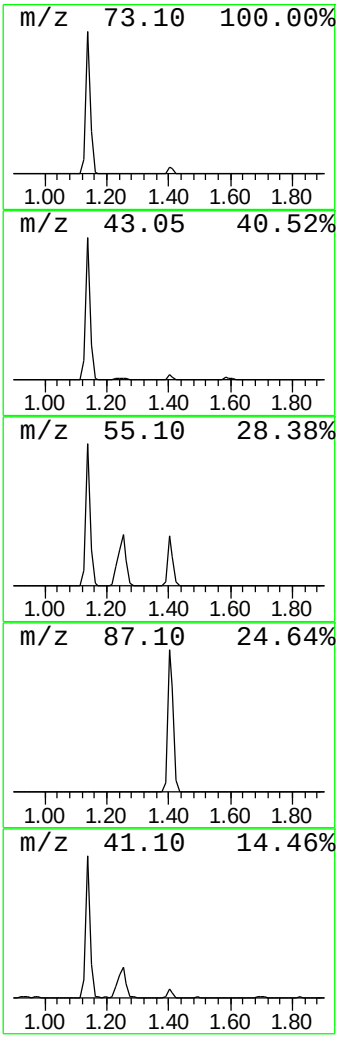
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.40	8.51 ng	91123	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Acq On : 7 Apr 2015 5:35
Operator : TP/IZ
Sample : G1775-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

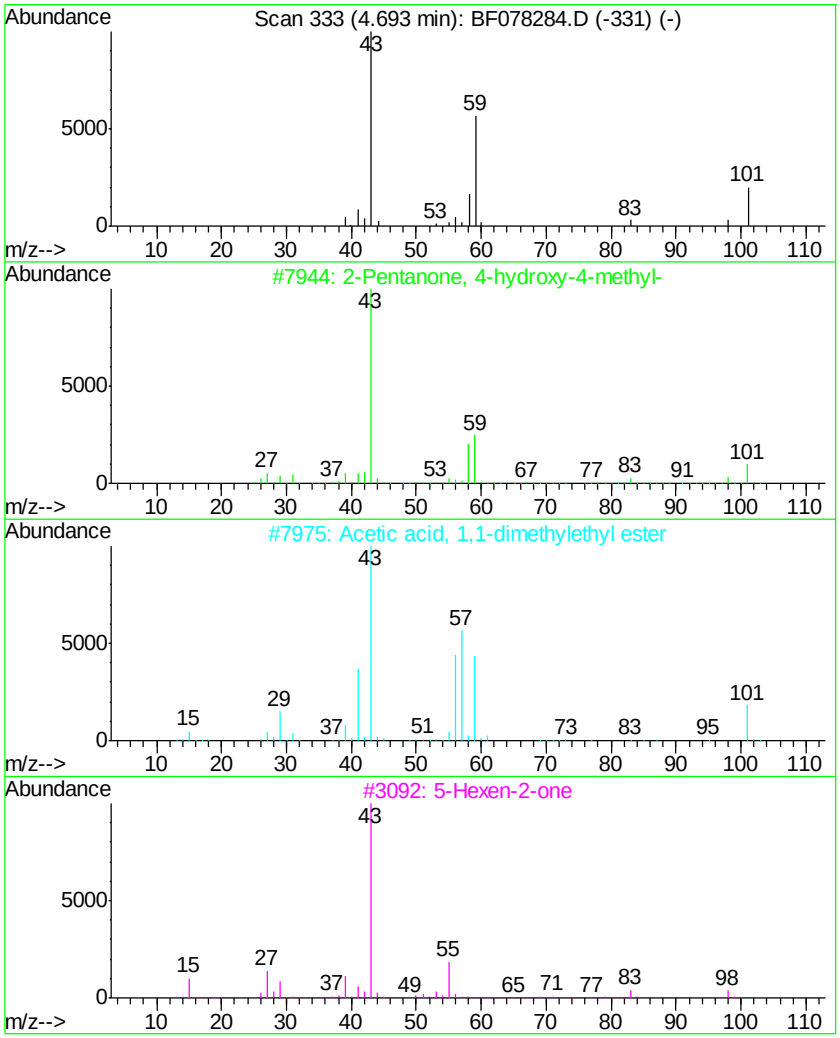
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

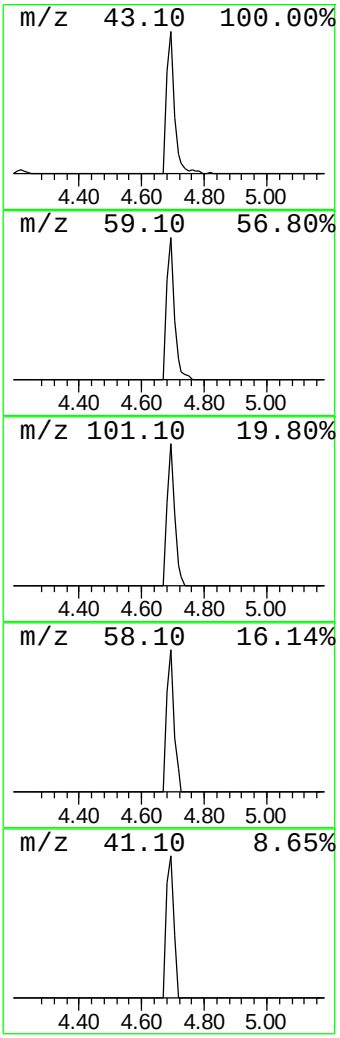
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	8.81 ng	94352	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9





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Operator : TP/IZ
Sample : G1775-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

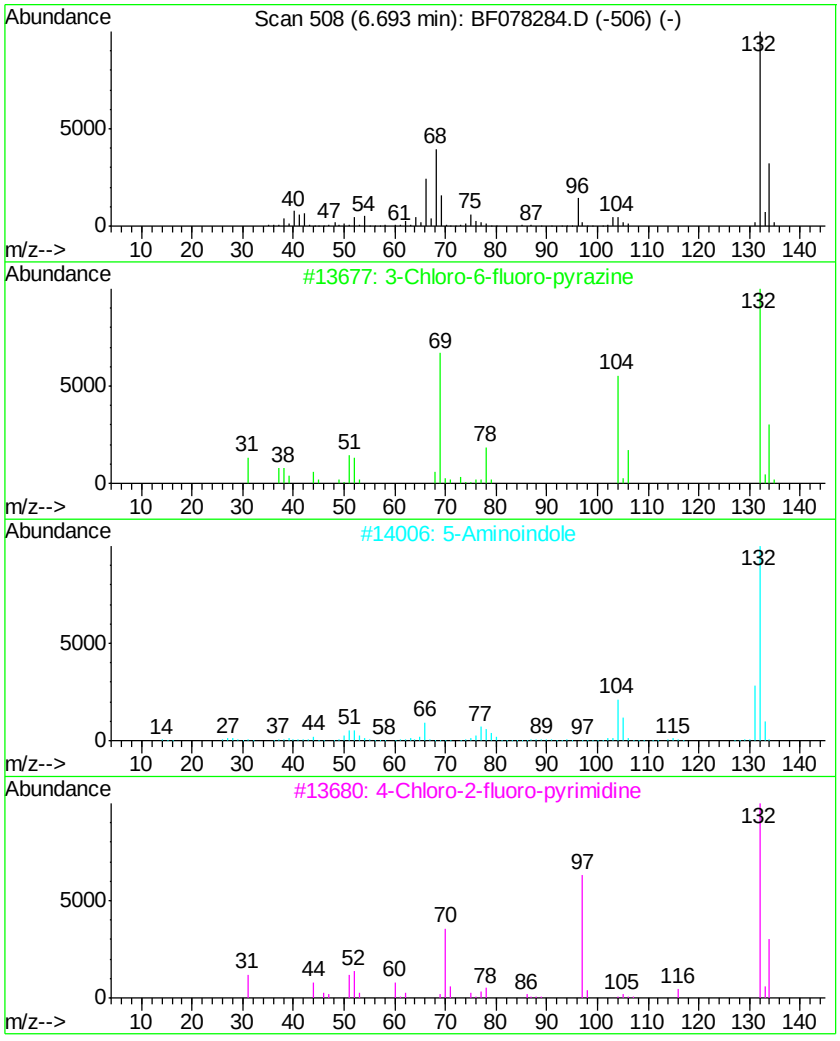
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

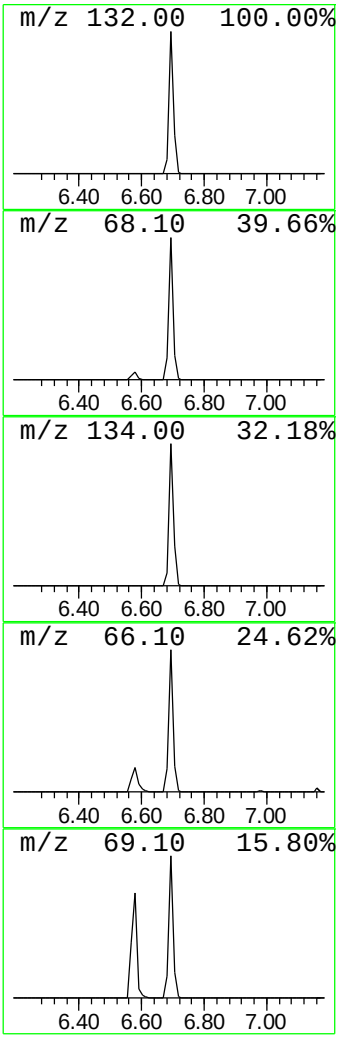
****

Peak Number 6 unknown6.69 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	80.24 ng	859355	1,4-Dichlorobenzene-d4	6.98

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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Operator : TP/IZ
Sample : G1775-03
Misc :
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Instrument : BNA_F
ClientSampleId : SW-016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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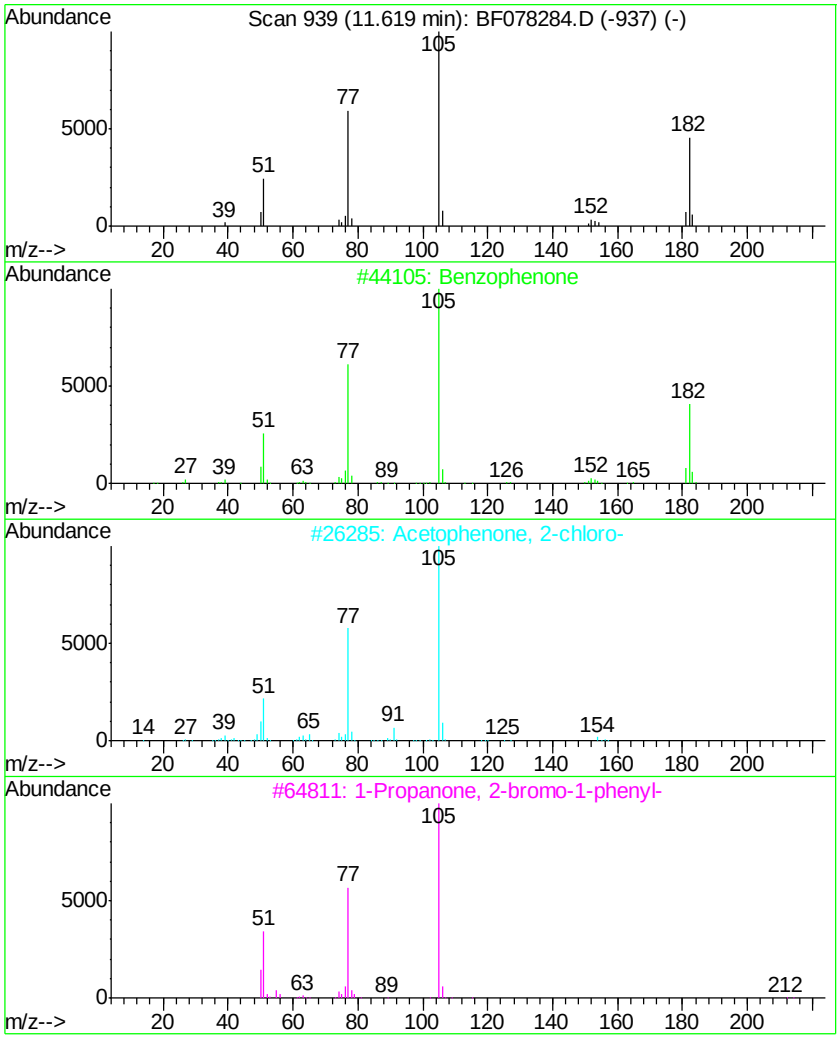
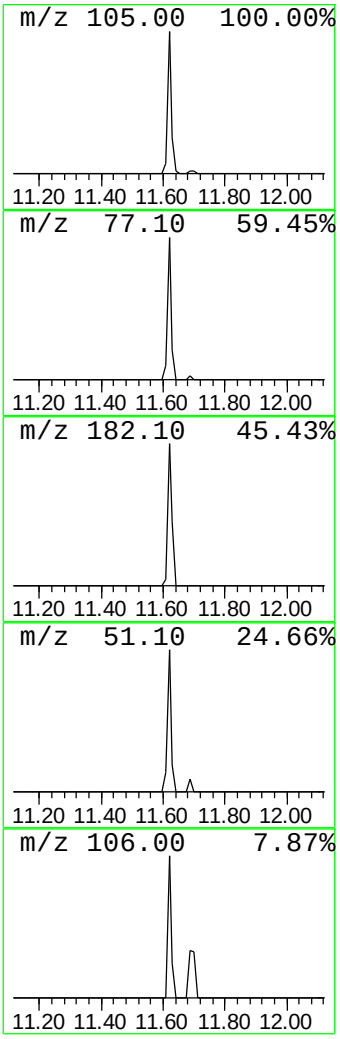
Peak Number 8 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	3.07 ng	53202	Acenaphthene-d10	10.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47
5	S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	47





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Misc :
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Instrument : BNA_F
ClientSampleId : SW-016

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

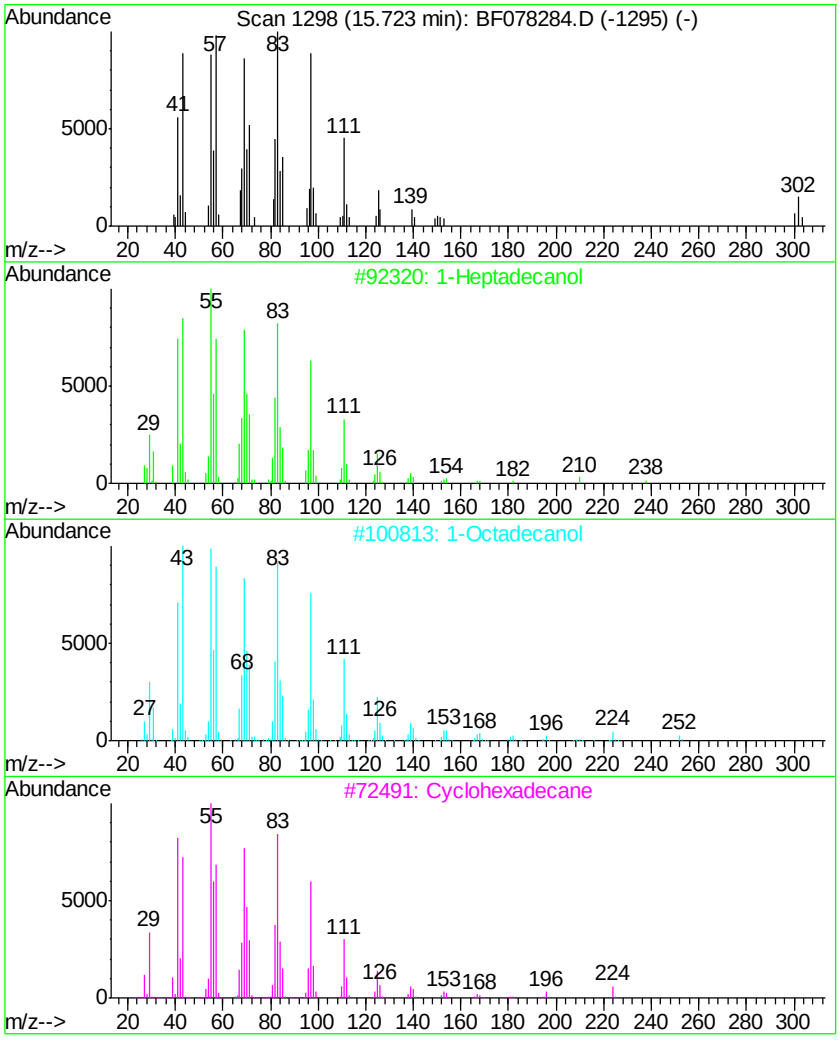
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

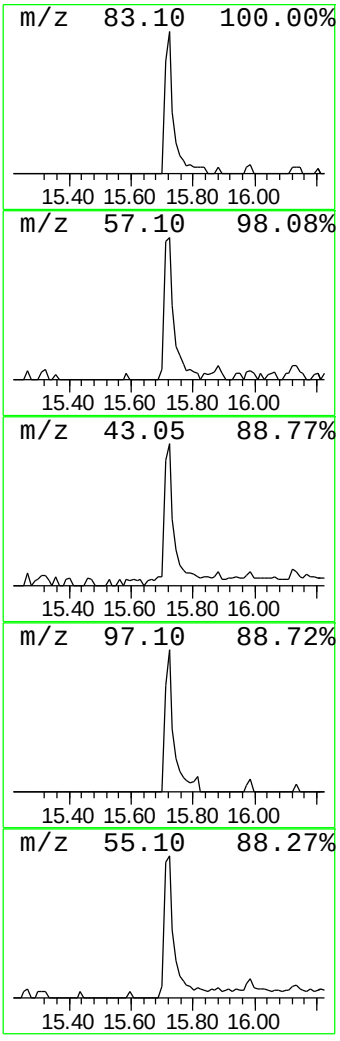
****

Peak Number 9 1-Heptadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	9.20 ng	193879	Chrysene-d12	15.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecanol	256	C17H36O	001454-85-9	91
2	1-Octadecanol	270	C18H38O	000112-92-5	91
3	Cyclohexadecane	224	C16H32	000295-65-8	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

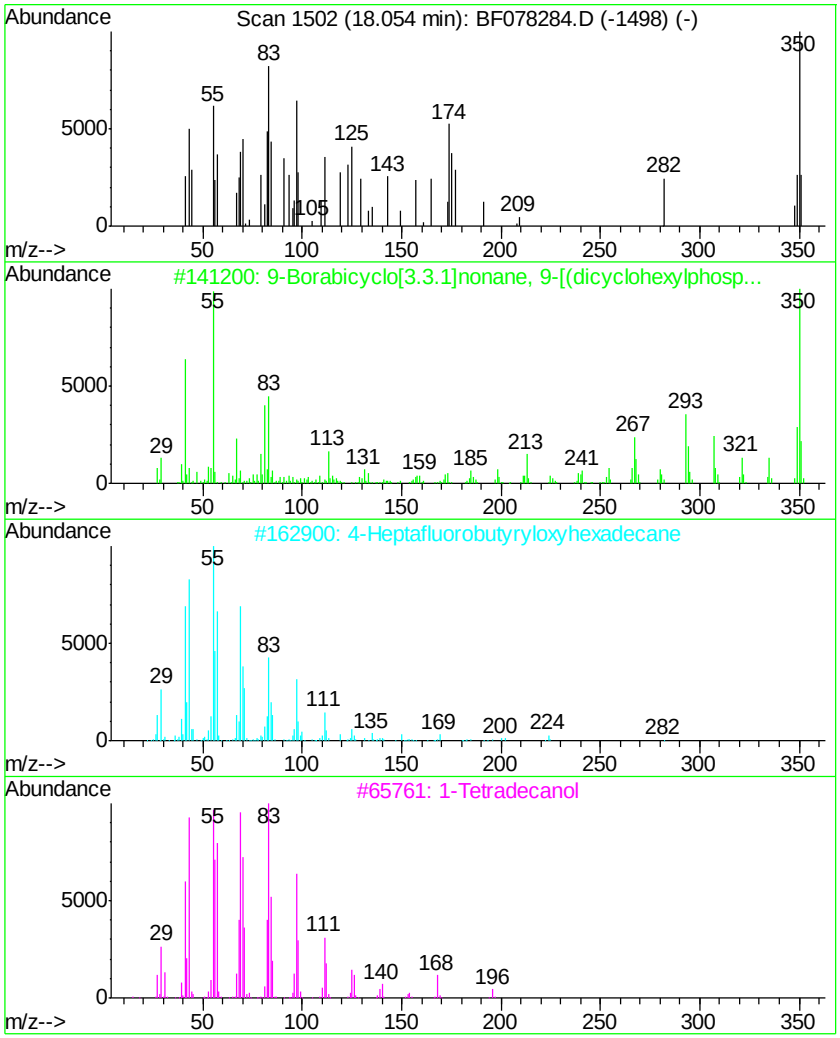
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

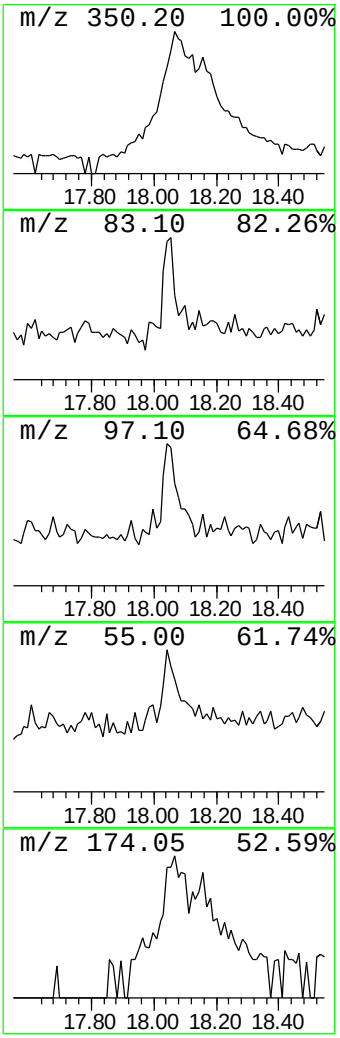
****

Peak Number 10 unknown18.05 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	2.73 ng	57213	Perylene-d12	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Borabicyclo[3.3.1]nonane, 9-[(...	350	C20H36BO2P	092810-20-3	38
2	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	27
3	1-Tetradecanol	214	C14H30O	000112-72-1	27
4	Cyclodecane, methyl-	154	C11H22	013151-43-4	27
5	Cyclododecane	168	C12H24	000294-62-2	27





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...	1.14	128.3	ng	1373790	1	6.98	214199	20.0
Butane, 2-methoxy...	1.40	8.5	ng	91123	1	6.98	214199	20.0
2-Pentanone, 4-hy...	4.69	8.8	ng	94352	1	6.98	214199	20.0
unknown6.69	6.69	80.2	ng	859355	1	6.98	214199	20.0
Benzophenone	11.62	3.1	ng	53202	3	10.72	346690	20.0
1-Heptadecanol	15.72	9.2	ng	193879	5	15.81	421424	20.0
unknown18.05	18.05	2.7	ng	57213	6	17.47	418899	20.0