LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108402.D
Acq On : 22 Aug 2018 23:54
Operator : JU/SJ
Sample : J4553-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-P-9(30-36)

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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	2.390	3	9	18	rVB	519475	729346	13.18%	1.723%
2	5.272	494	499	511	rBV	157426	260884	4.71%	0.616%
3	5.637	555	561	564	rBV	4285319	4842228	87.51%	11.438%
4	6.631	723	730	733	rBV	4142389	5237427	94.65%	12.371%
5	6.778	749	755	758	rBV	4850087	5001505	90.39%	11.814%
6	7.001	789	793	796	rBV	1306664	1049161	18.96%	2.478%
7	7.160	815	820	823	rBV	4277452	3881233	70.14%	9.168%
8	7.566	883	889	892	rBV	2883267	3254195	58.81%	7.687%
9	8.284	1007	1011	1015	rBV	1429451	1257253	22.72%	2.970%
10	9.360	1188	1194	1197	rBV	5704647	5533234	100.00%	13.070%
11	9.748	1256	1260	1265	rBV	548213	427604	7.73%	1.010%
12	10.048	1307	1311	1319	rVB	1515560	1319804	23.85%	3.117%
13	10.842	1441	1446	1449	rBV	2898523	2618536	47.32%	6.185%
14	11.542	1561	1565	1573	rBV	1365121	1139023	20.59%	2.690%
15	13.130	1830	1835	1838	rBV	4265932	3768689	68.11%	8.902%
16	14.077	1990	1996	2012	rBV6	46526	157062	2.84%	0.371%
17	14.195	2012	2016	2022	rVB	948172	864583	15.63%	2.042%
18	14.954	2142	2145	2150	rVB	48970	60328	1.09%	0.142%
19	15.318	2203	2207	2212	rBV	51037	60506	1.09%	0.143%
20	15.748	2273	2280	2286	rBV	566690	806655	14.58%	1.905%
21	16.201	2354	2357	2363	rVB2	42602	66532	1.20%	0.157%

Sum of corrected areas: 42335788

LSC Report - Integrated Chromatogram

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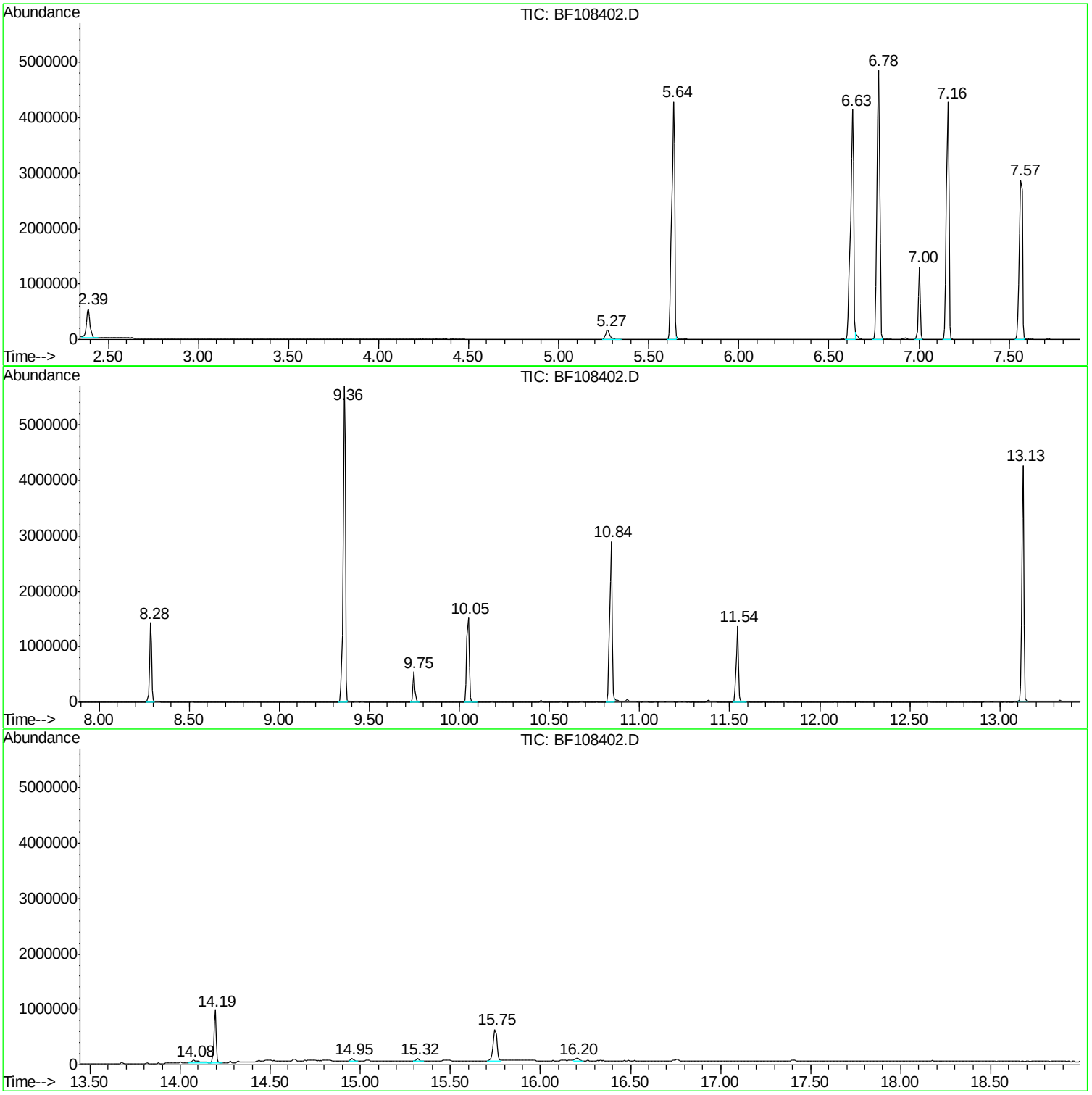
Instrument :
BNA_F
ClientSampleId :
EPE-P-9(30-36)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : EPE-P-9(30-36)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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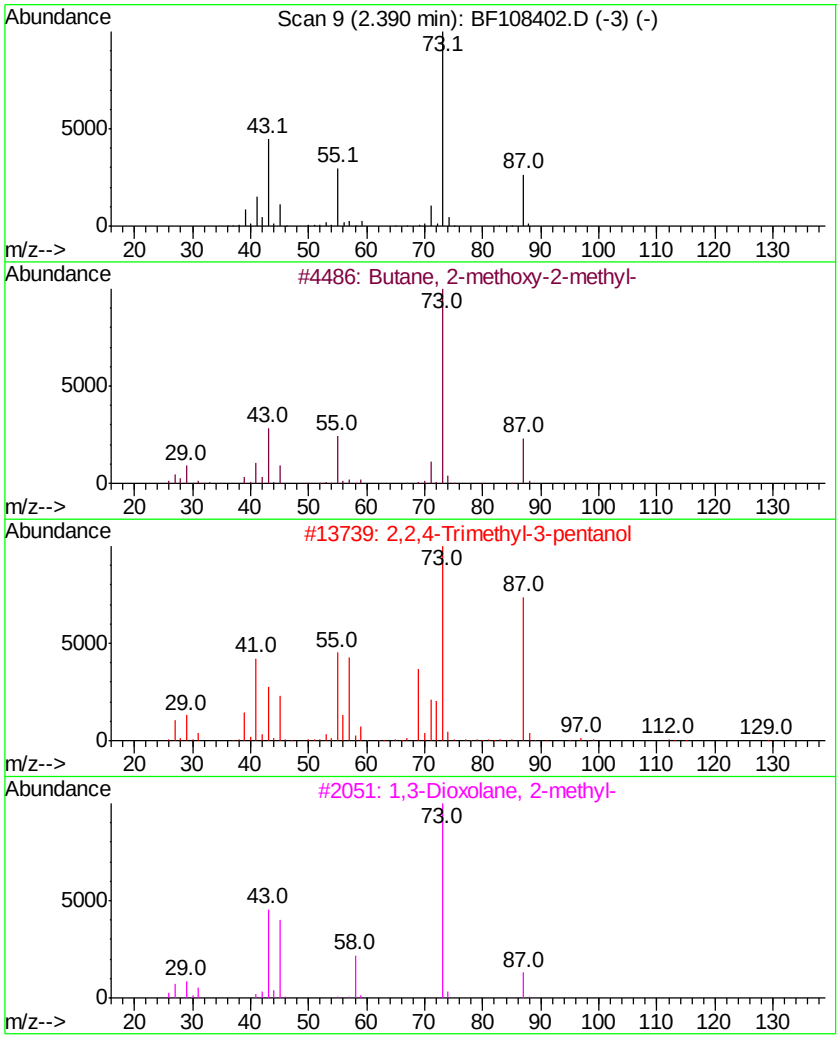
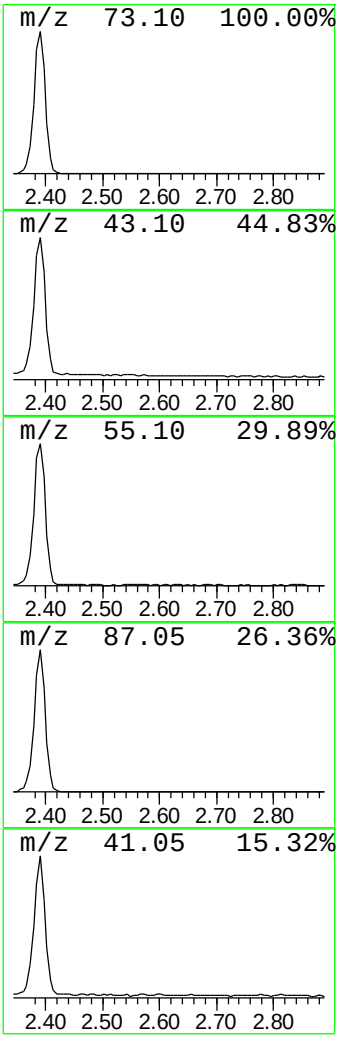
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.39	13.90 ng	729346	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Instrument : BNA_F
ClientSampleId : EPE-P-9(30-36)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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TIC Integration Parameters: LSCINT.P

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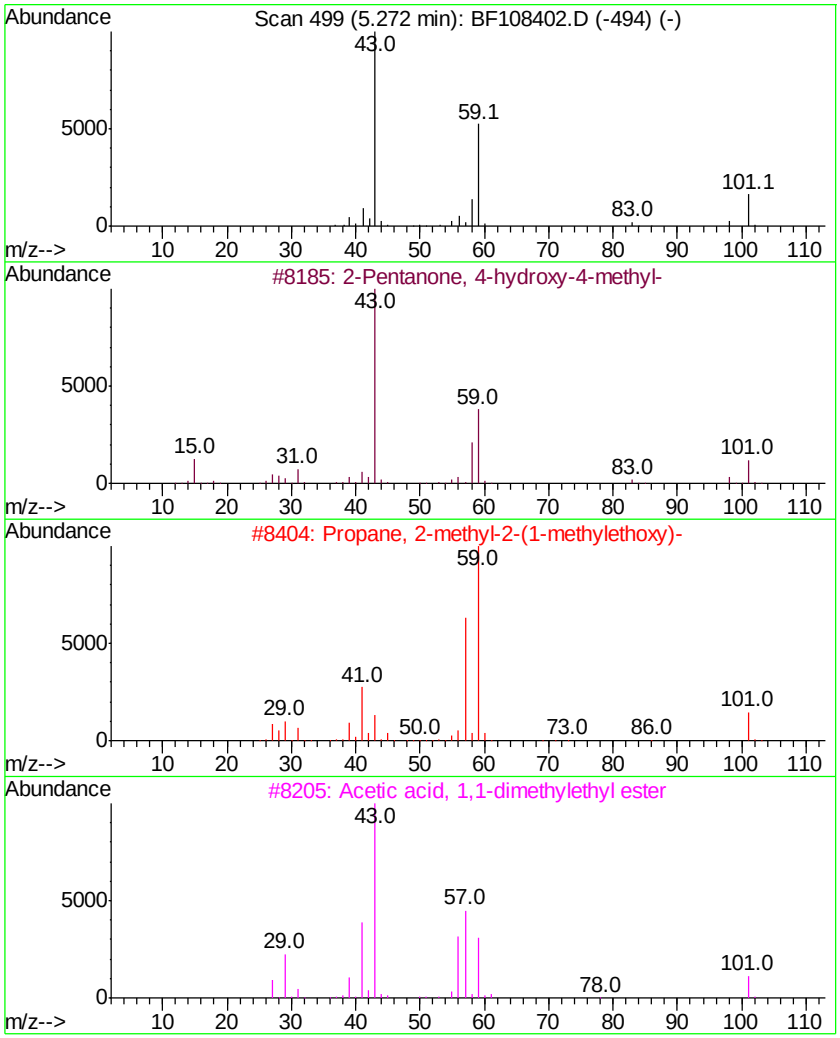
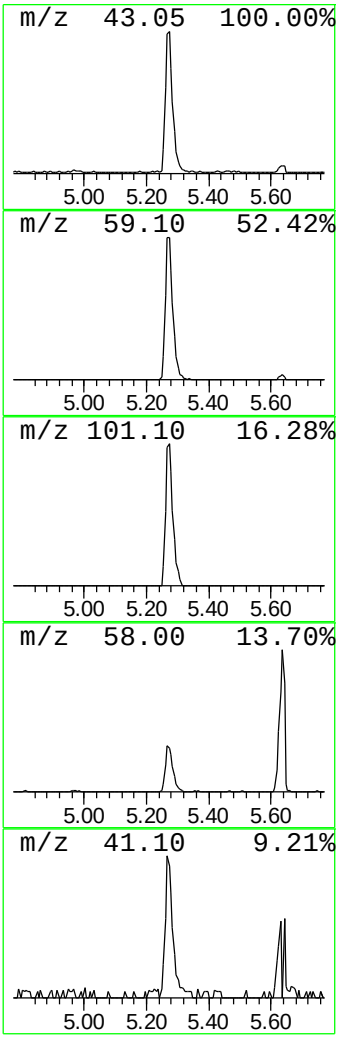
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.27	4.97 ng	260884	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Library Search Compound Report

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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-P-9(30-36)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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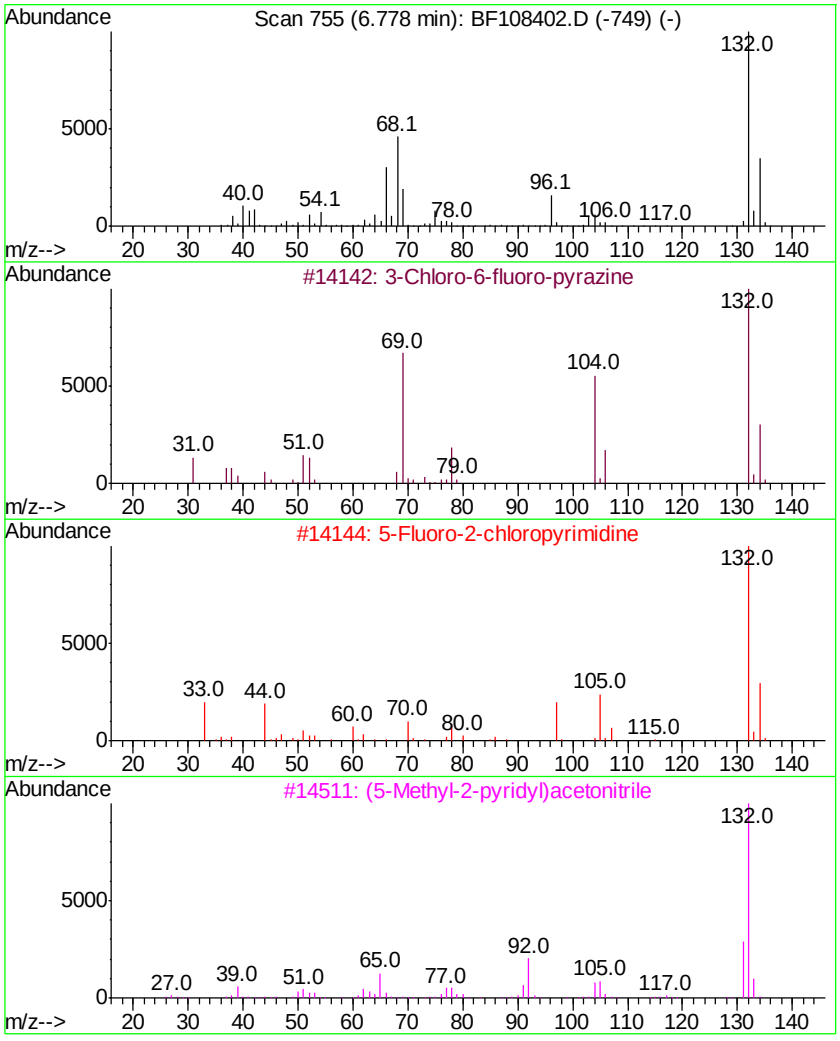
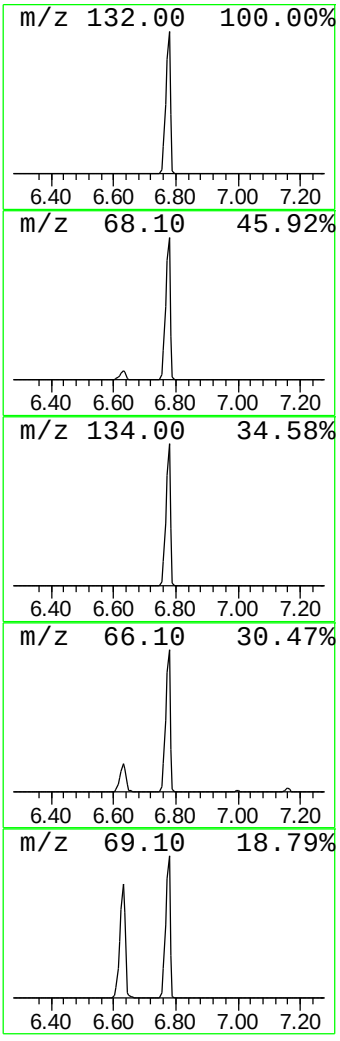
Peak Number 3 unknown6.78 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	95.34 ng	5001510	1,4-Dichlorobenzene-d4	7.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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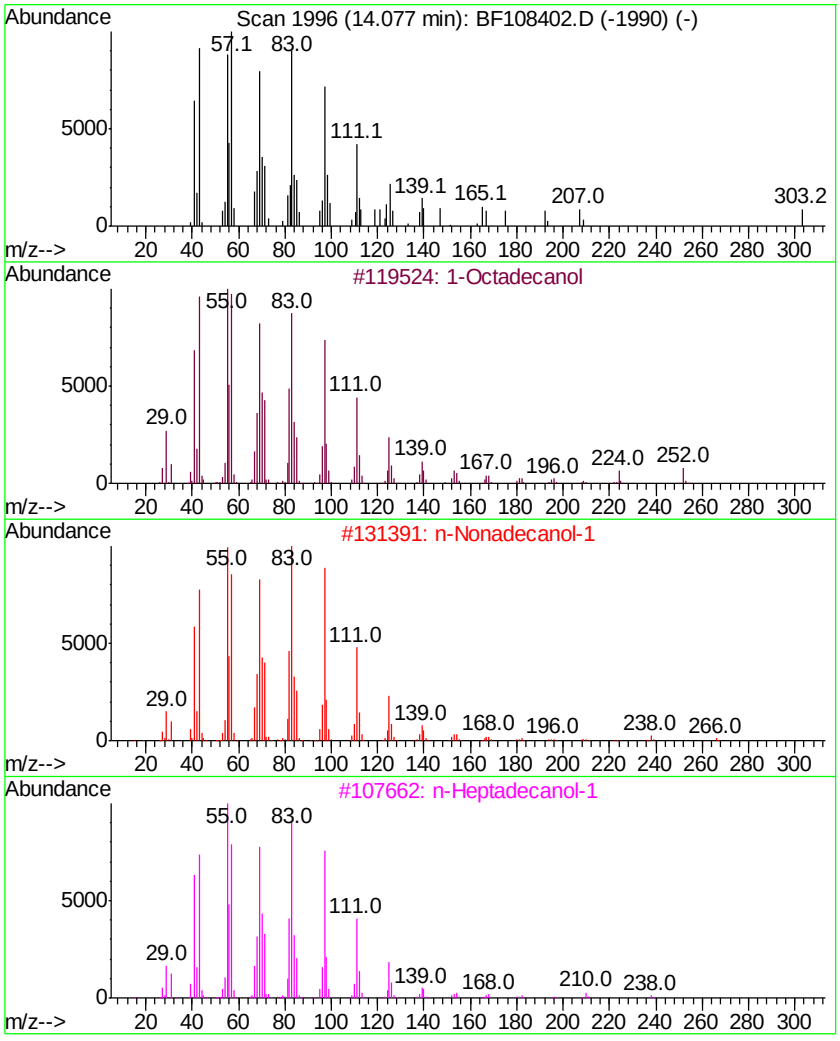
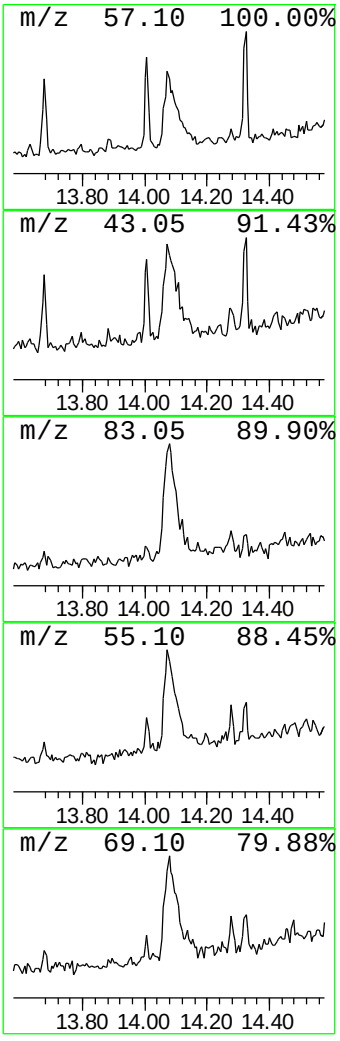
****

Peak Number 5 1-Octadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	3.63 ng	157062	Chrysene-d12	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	94
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91





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
Butane, 2-methoxy...	2.39	13.9	ng	729346	1	7.00	1049160	20.0
2-Pentanone, 4-hy...	5.27	5.0	ng	260884	1	7.00	1049160	20.0
unknown6.78	6.78	95.3	ng	5001510	1	7.00	1049160	20.0
1-Octadecanol	14.08	3.6	ng	157062	5	14.20	864583	20.0