LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117820.D
Acq On : 15 Nov 2019 23:08
Operator : JU
Sample : K5861-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-4

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-BF111319.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	2.157	7	12	30	rVB	802436	1149289	17.32%	2.251%
2	5.122	506	516	529	rVB	802352	1025344	15.45%	2.008%
3	5.528	580	585	588	rBV	4769952	4606981	69.43%	9.024%
4	6.540	751	757	772	rBV	4514234	4846735	73.05%	9.494%
5	6.687	777	782	785	rBV	5382131	4895747	73.79%	9.590%
6	6.916	818	821	825	rBV	1395923	1181634	17.81%	2.315%
7	7.075	844	848	851	rBV	4654618	3862275	58.21%	7.565%
8	7.481	912	917	920	rBV	3434463	2979987	44.91%	5.837%
9	8.204	1036	1040	1044	rBV	1984846	1533183	23.11%	3.003%
10	9.286	1219	1224	1227	rBV	6456832	5727523	86.32%	11.219%
11	9.675	1287	1290	1294	rBV	581394	437917	6.60%	0.858%
12	9.969	1336	1340	1343	rBV	2299104	1838514	27.71%	3.601%
13	10.757	1470	1474	1477	rBV	4534781	3936234	59.32%	7.710%
14	11.457	1589	1593	1597	rBV	2315698	1985096	29.92%	3.888%
15	11.980	1679	1682	1692	rBV	252425	275449	4.15%	0.540%
16	12.769	1813	1816	1825	rBV2	65166	84429	1.27%	0.165%
17	13.051	1859	1864	1867	rBV	7419841	6635145	100.00%	12.997%
18	13.957	2013	2018	2020	rBV3	69700	104717	1.58%	0.205%
19	14.104	2039	2043	2047	rBV	2088992	1865100	28.11%	3.653%
20	15.251	2234	2238	2242	rVB	70151	79201	1.19%	0.155%
21	15.610	2294	2299	2304	rBV	1430460	1835487	27.66%	3.595%
22	15.651	2304	2306	2313	rVB	75693	89994	1.36%	0.176%
23	16.110	2379	2384	2389	rBV2	47351	76496	1.15%	0.150%

Sum of corrected areas: 51052477

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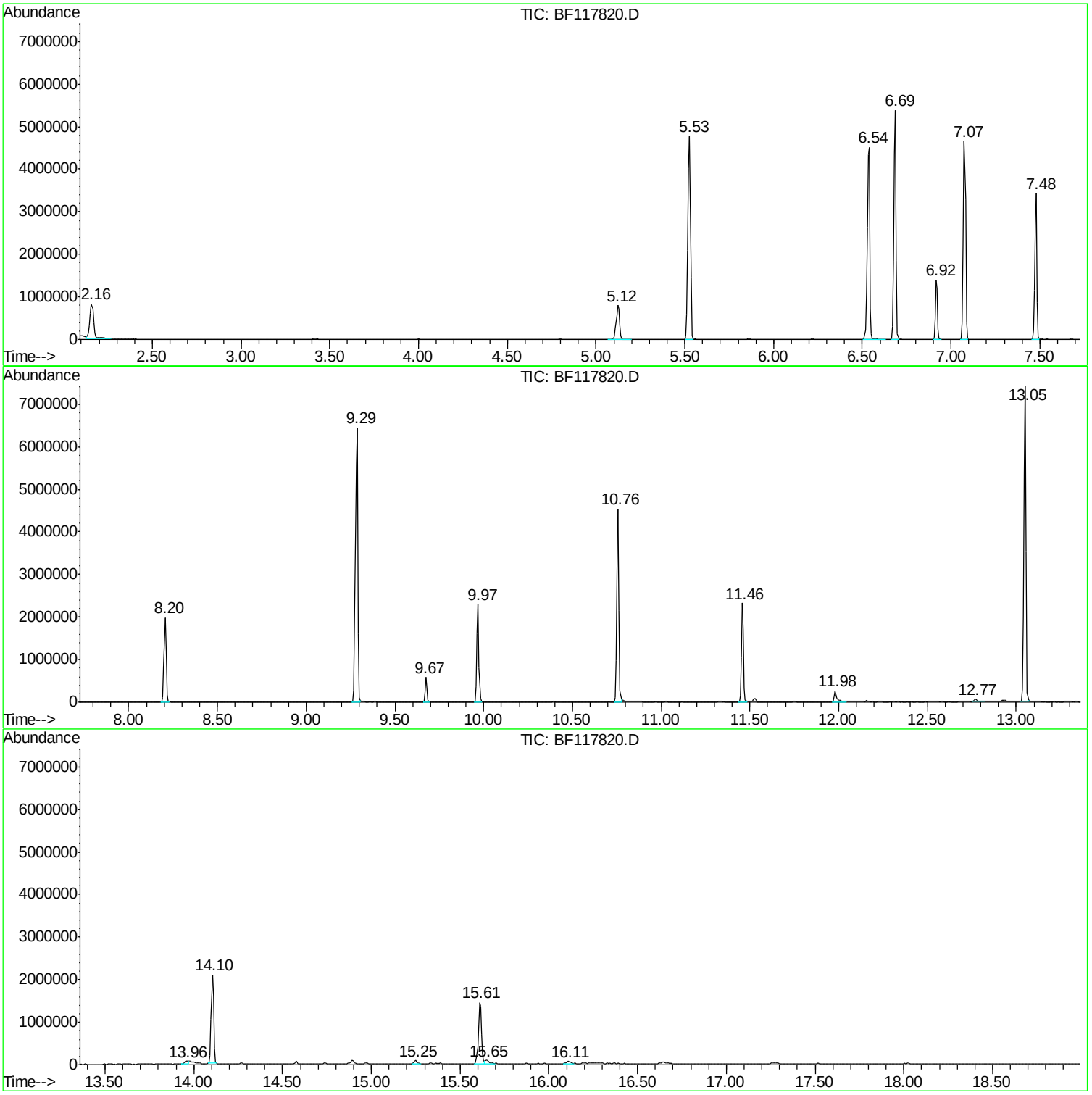
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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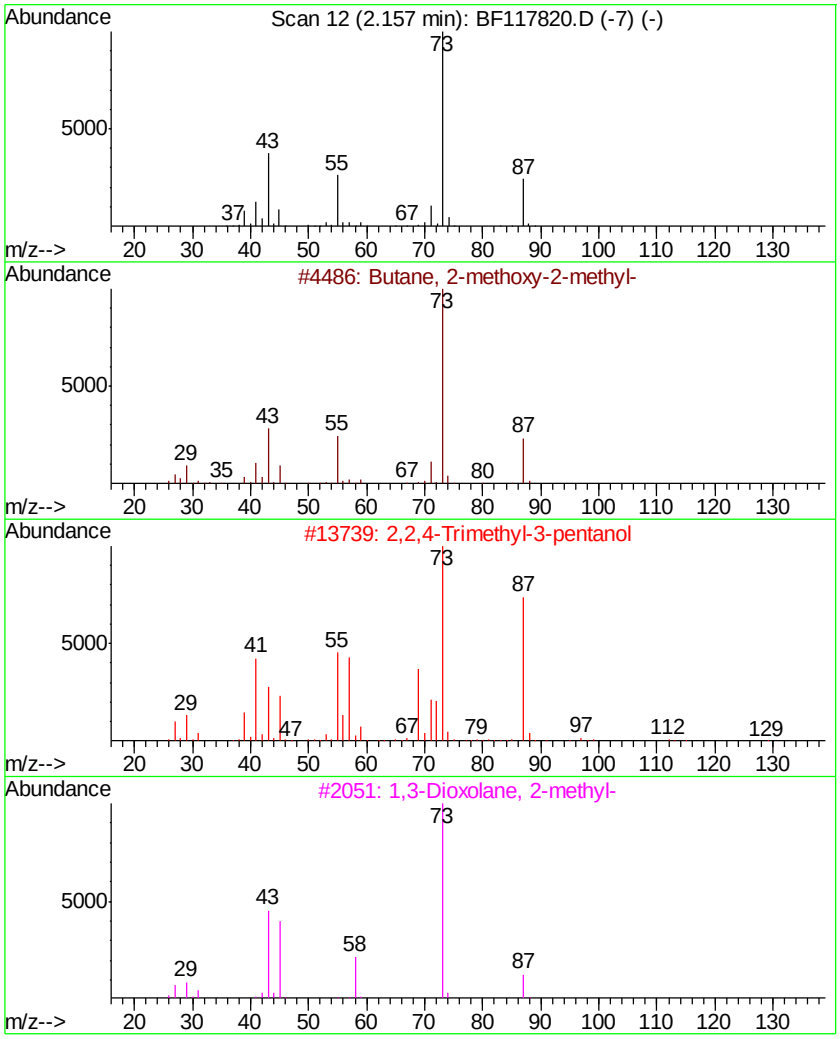
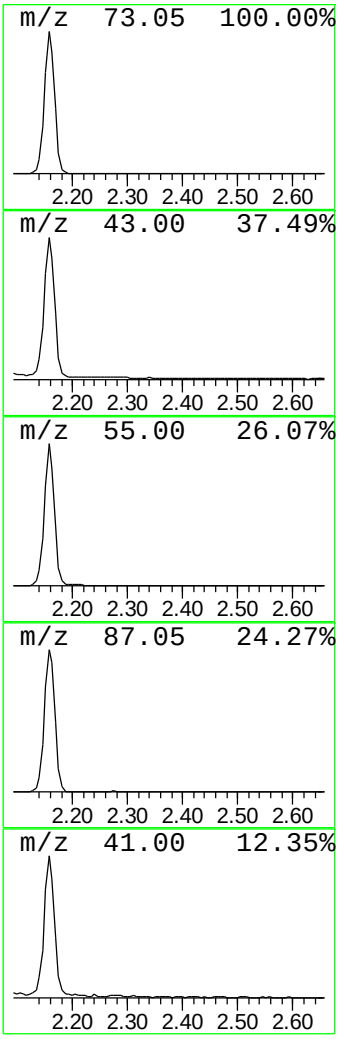
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	19.45 ng	1149290	1,4-Dichlorobenzene-d4	6.92

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22





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Instrument : BNA_F
ClientSampleId : EP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
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TIC Integration Parameters: LSCINT.P

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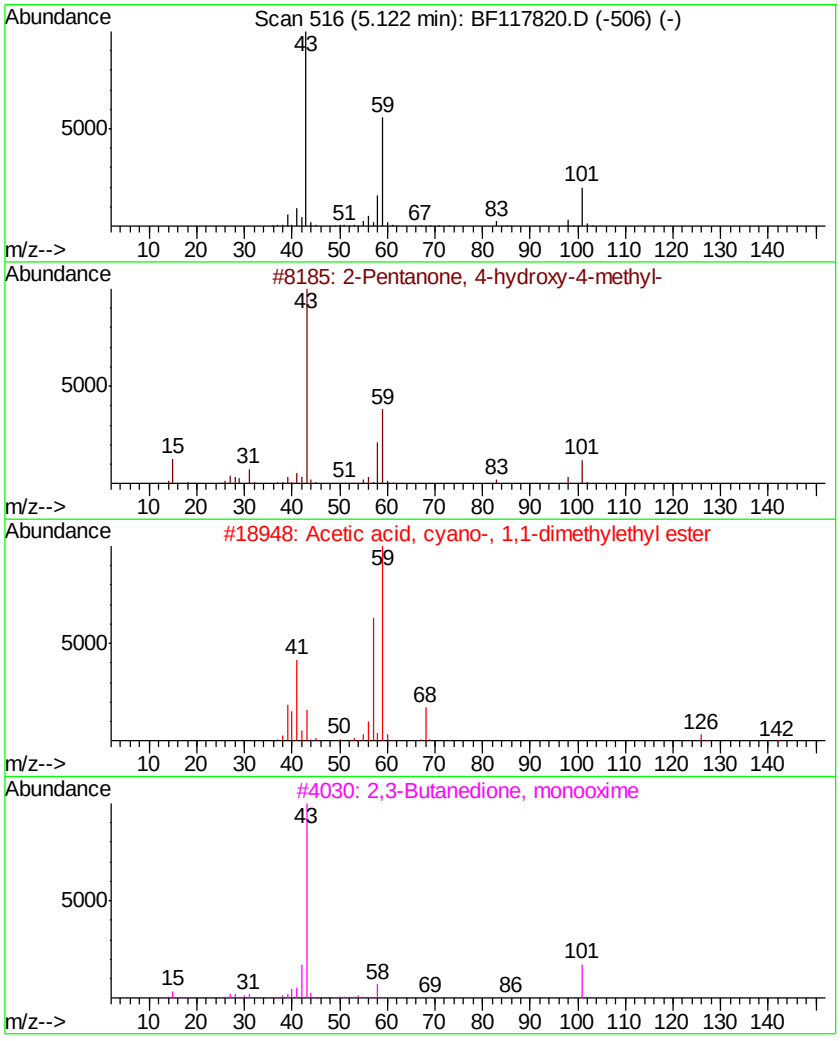
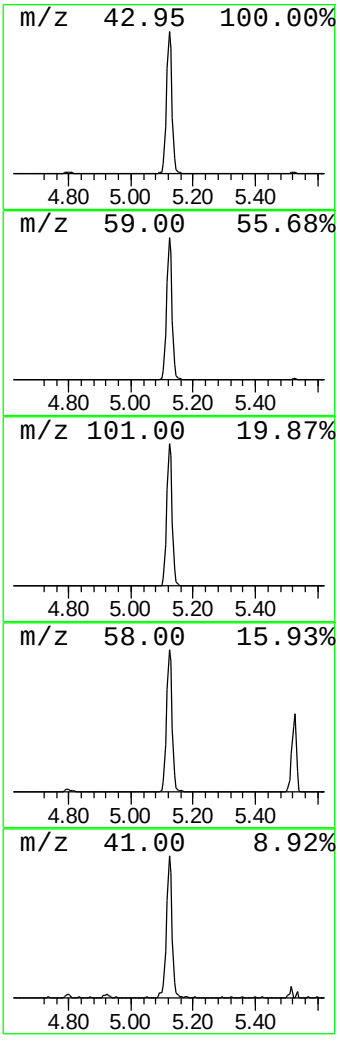
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	17.35 ng	1025340	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Sample : K5861-04
Misc :
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Instrument : BNA_F
ClientSampleId : EP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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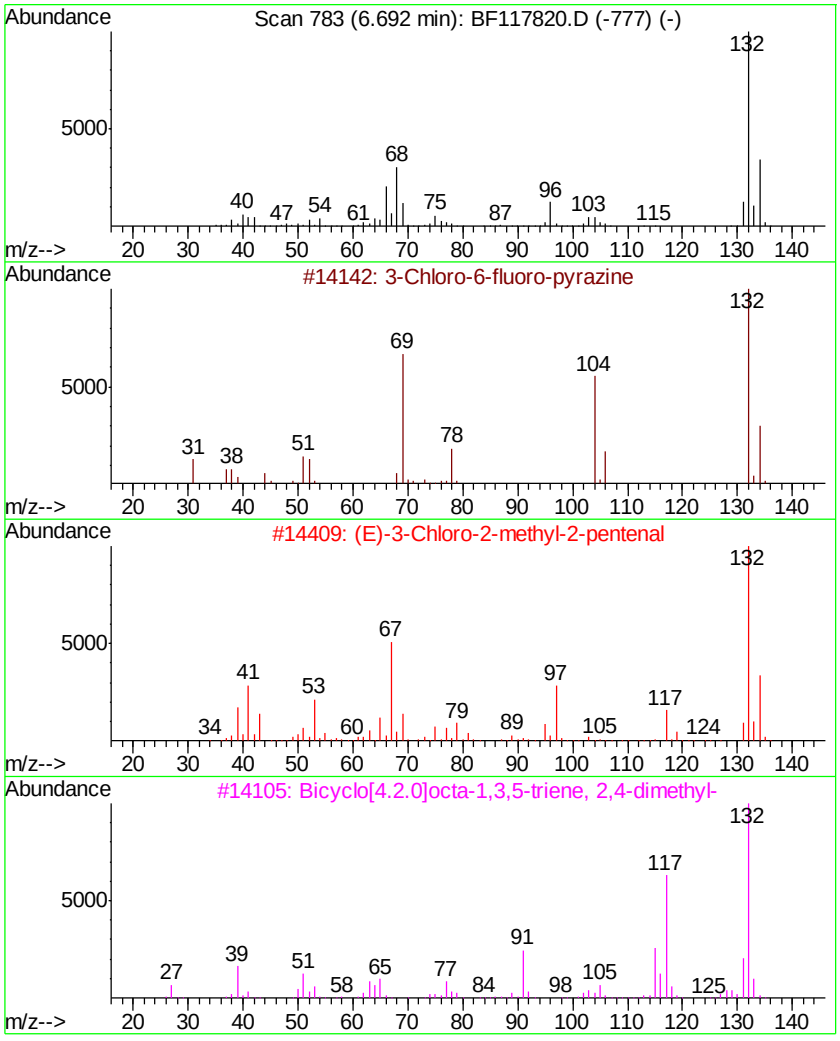
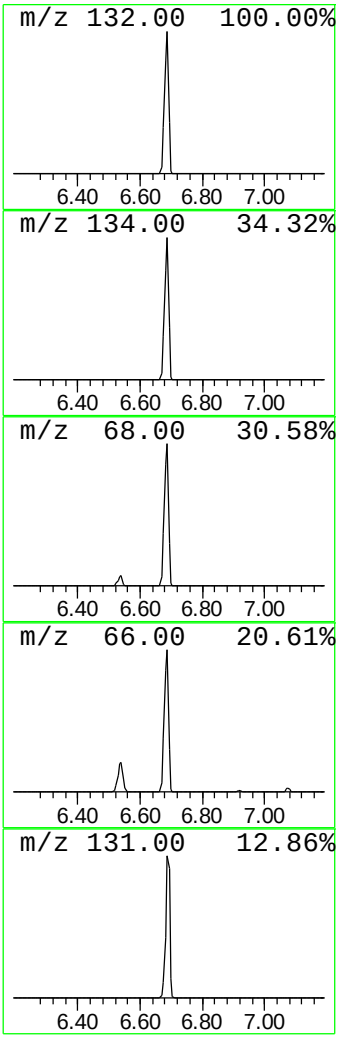
Peak Number 3 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	82.86 ng	4895750	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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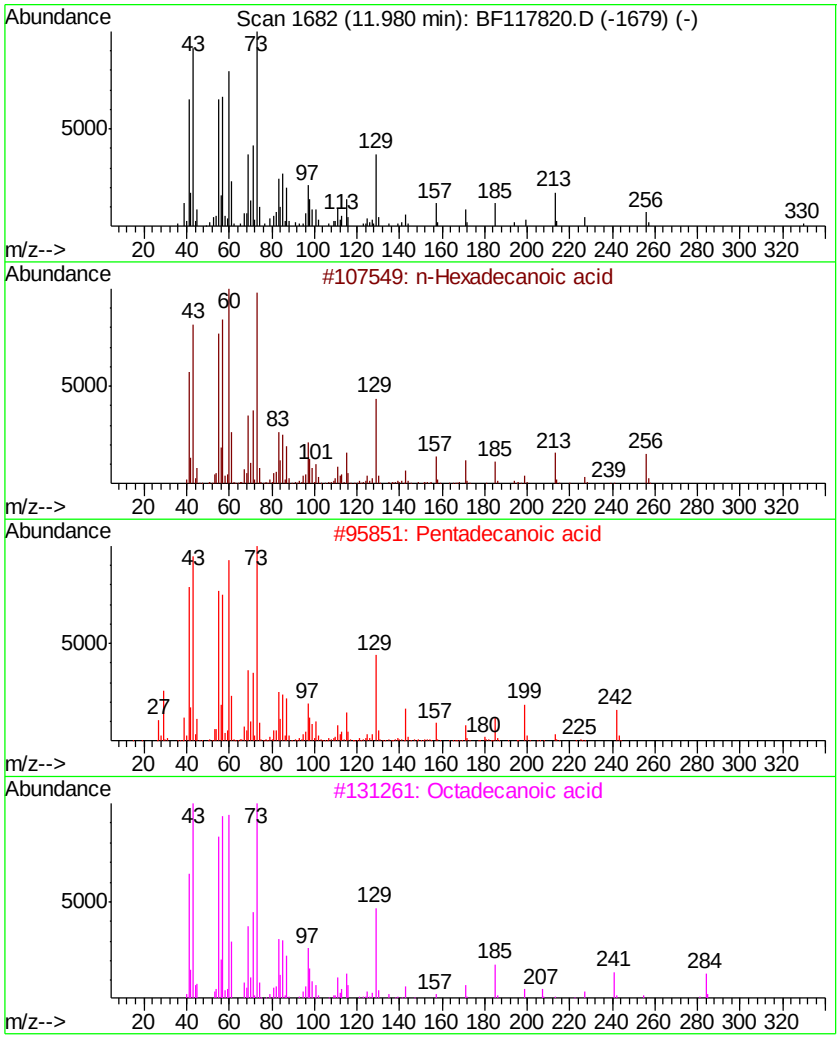
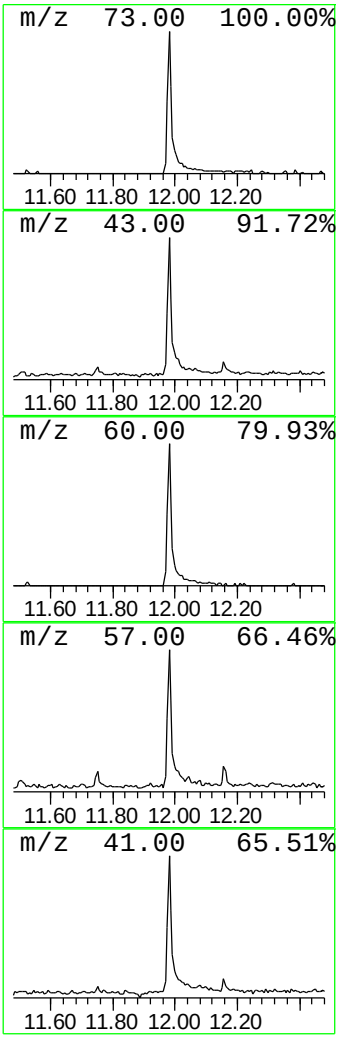
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	2.78 ng	275449	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





Tentatively Identified Compound (LSC) summary

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ALS Vial : 20 Sample Multiplier: 1

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.16	19.4	ng	1149290	1	6.92	1181630	20.0
2-Pentanone, 4-hy...	5.12	17.4	ng	1025340	1	6.92	1181630	20.0
unknown6.69	6.69	82.9	ng	4895750	1	6.92	1181630	20.0
n-Hexadecanoic acid	11.98	2.8	ng	275449	4	11.46	1985100	20.0