LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
Data File : BF117819.D
Acq On : 15 Nov 2019 22:41
Operator : JU
Sample : K5861-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-18

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	2.169	9	14	41	rVB	702297	1208563	26.20%	2.983%
2	5.122	509	516	525	rBV	700714	764400	16.57%	1.887%
3	5.522	580	584	588	rBV	3625340	3564988	77.29%	8.798%
4	6.534	751	756	768	rBV	4069255	3765958	81.65%	9.294%
5	6.681	777	781	785	rBV	3877975	3801072	82.41%	9.381%
6	6.916	818	821	825	rBV	1484836	1221894	26.49%	3.016%
7	7.075	844	848	851	rBV	3729663	2986624	64.75%	7.371%
8	7.475	912	916	920	rBV	2500800	2275449	49.33%	5.616%
9	8.204	1036	1040	1044	rBV	1959082	1582342	34.31%	3.905%
10	9.280	1219	1223	1227	rBV	4652307	4290873	93.03%	10.590%
11	9.675	1287	1290	1294	rBV	436896	324547	7.04%	0.801%
12	9.969	1336	1340	1343	rBV	2070997	1818848	39.43%	4.489%
13	10.757	1470	1474	1477	rBV	3043441	2721893	59.01%	6.718%
14	11.457	1589	1593	1597	rBV	2273020	1902845	41.25%	4.696%
15	11.980	1679	1682	1686	rBV	72676	77987	1.69%	0.192%
16	12.933	1840	1844	1853	rBV	30646	59876	1.30%	0.148%
17	13.051	1859	1864	1867	rBV	4932603	4612529	100.00%	11.384%
18	13.974	2014	2021	2033	rBV7	54539	219366	4.76%	0.541%
19	14.104	2039	2043	2047	rBV	1789818	1632338	35.39%	4.029%
20	14.974	2188	2191	2196	rVB	51709	53227	1.15%	0.131%
21	15.251	2232	2238	2242	rBV2	40110	51920	1.13%	0.128%
22	15.615	2294	2300	2304	rBV	1269842	1581309	34.28%	3.903%

Sum of corrected areas: 40518848

LSC Report - Integrated Chromatogram

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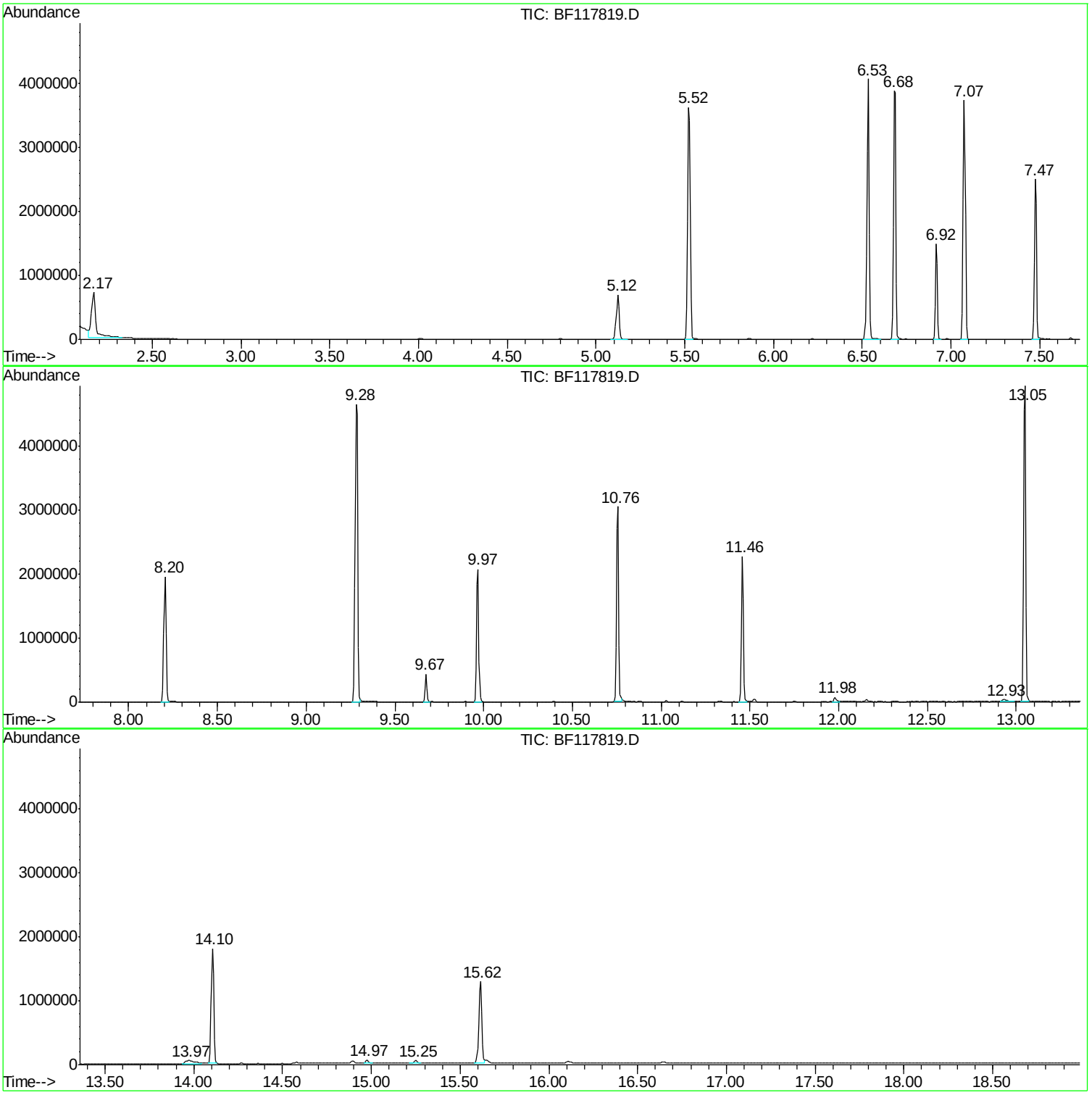
Instrument : BNA_F
ClientSampleId : EP-18

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

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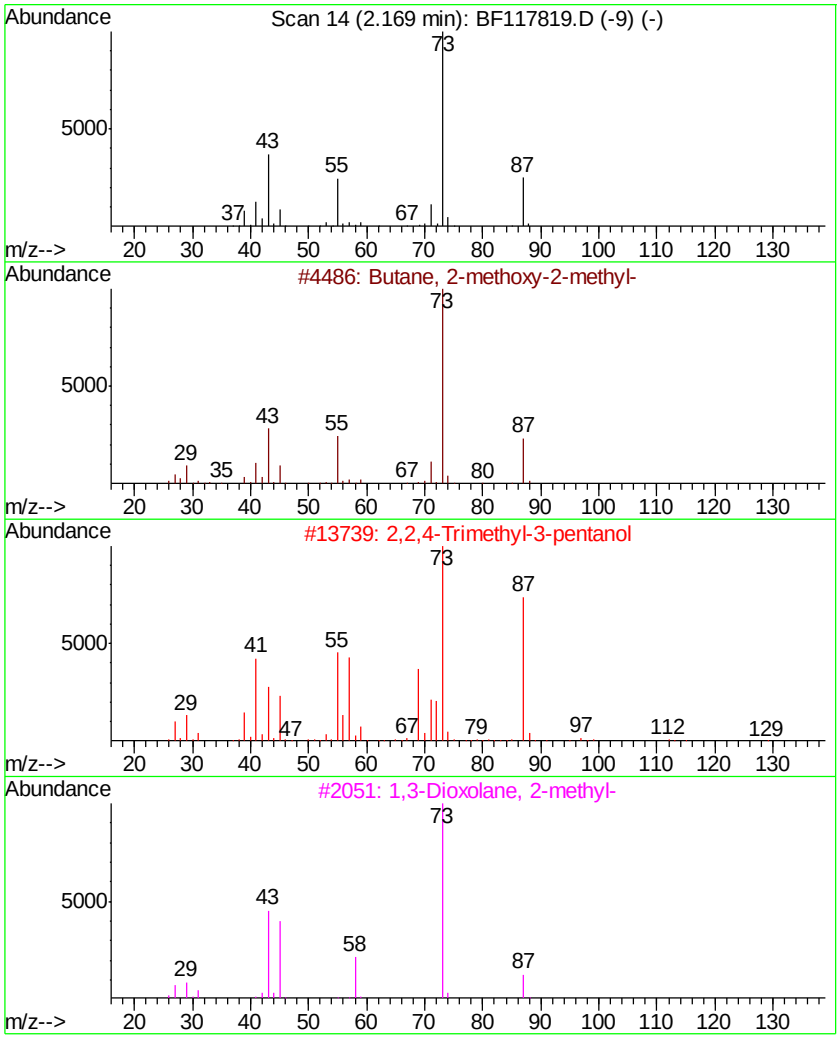
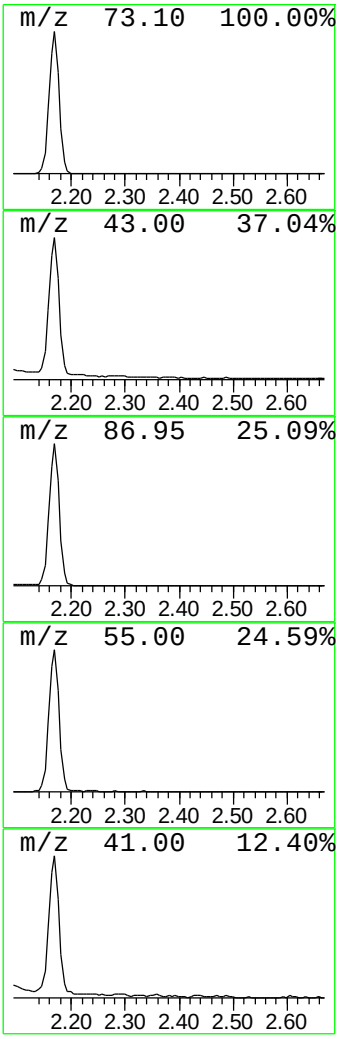
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	19.78 ng	1208560	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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ClientSampleId : EP-18

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TIC Integration Parameters: LSCINT.P

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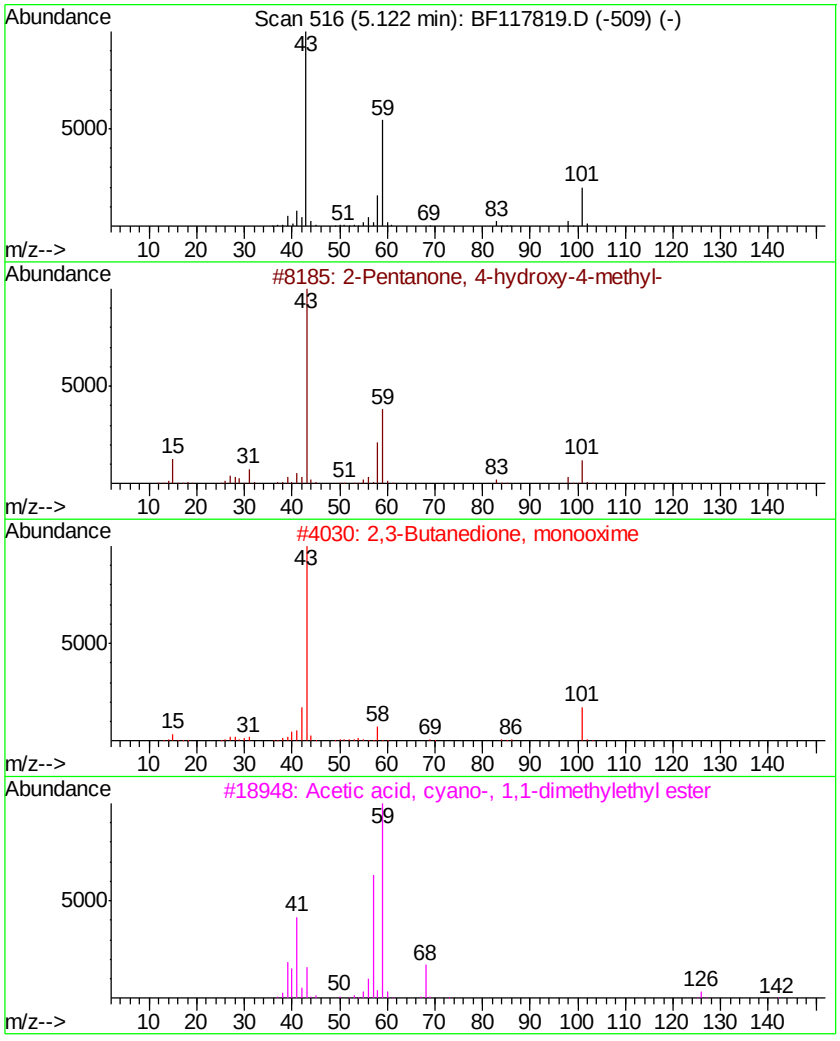
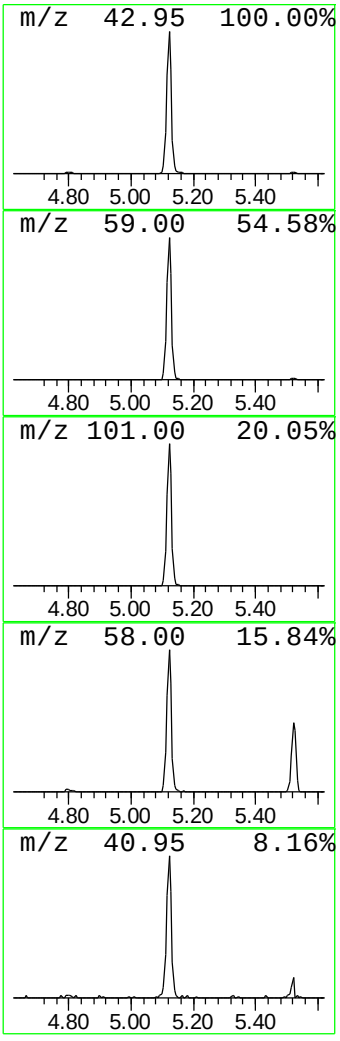
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	12.51 ng	764400	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	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	9





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-18

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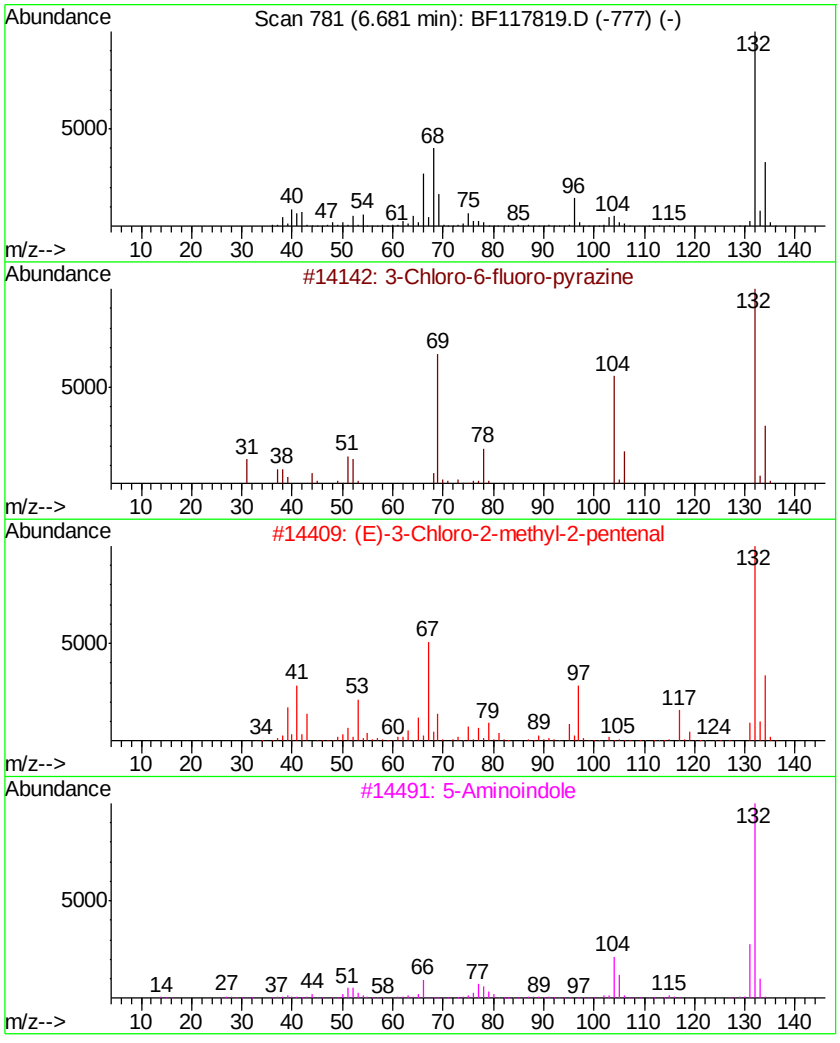
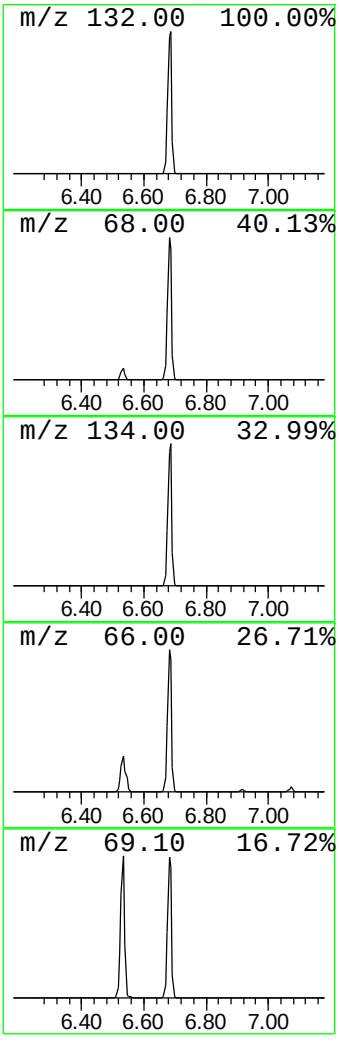
Peak Number 3 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	62.22 ng	3801070	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	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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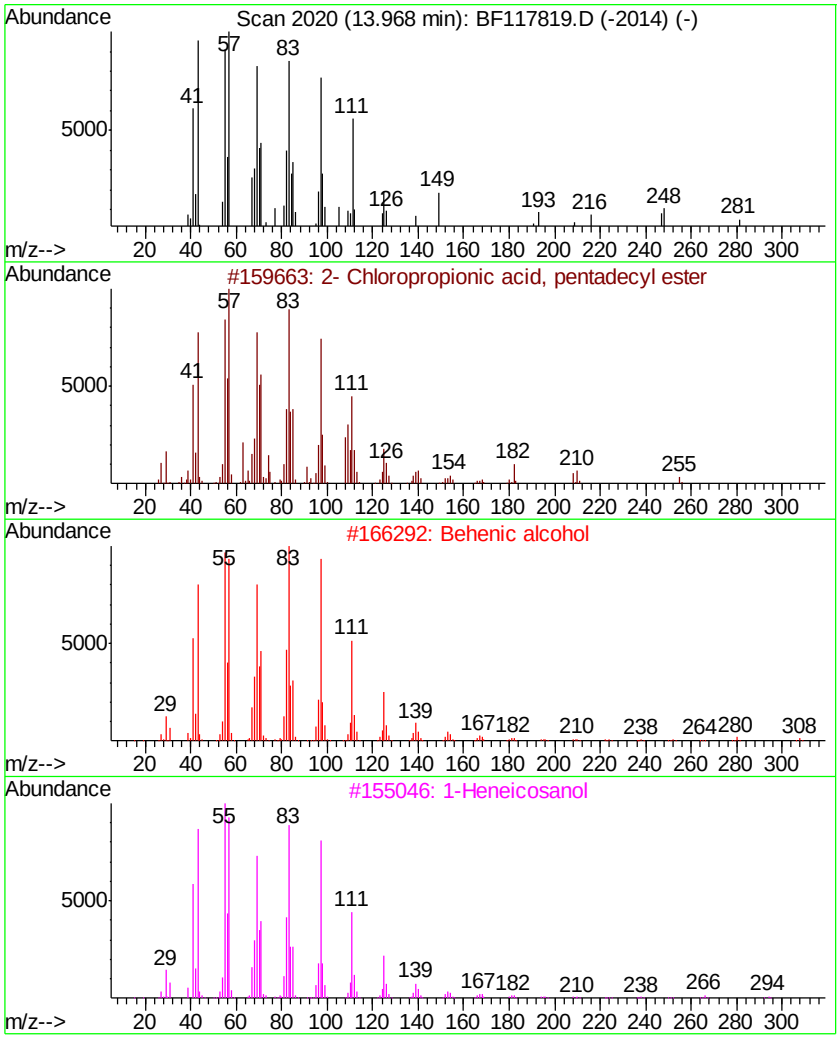
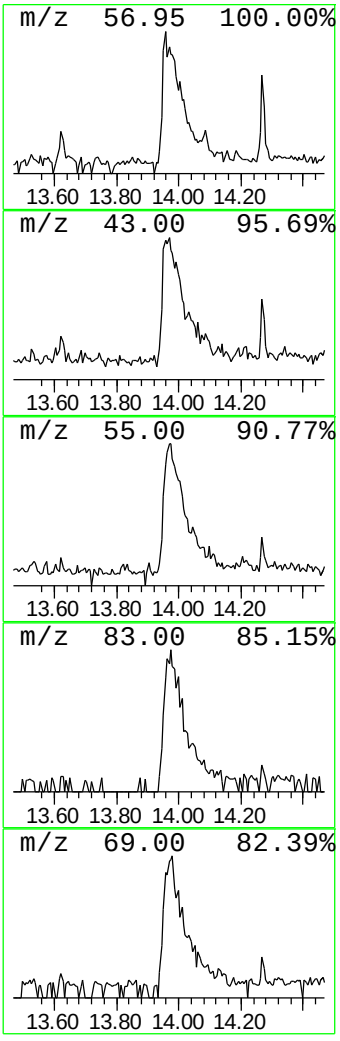
Peak Number 5 2- Chloropropionic acid, pe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	2.69 ng	219366	Chrysene-d12	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	91
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	90
5	1-Heptacosanol	396	C27H56O	002004-39-9	90





Tentatively Identified Compound (LSC) summary

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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...	2.17	19.8	ng	1208560	1	6.92	1221890	20.0
2-Pentanone, 4-hy...	5.12	12.5	ng	764400	1	6.92	1221890	20.0
unknown6.68	6.68	62.2	ng	3801070	1	6.92	1221890	20.0
2- Chloropropioni...	13.97	2.7	ng	219366	5	14.10	1632340	20.0