LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
Data File : BN003476.D
Acq On : 09 Nov 2018 17:36
Operator : MJ/SJ
Sample : J5860-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EP2-SB-104(15-17)

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_N\METHODS\8270-BN102418.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	3.028	3	7	14	rVB	64414	75884	1.24%	0.212%
2	4.964	331	336	351	rVB	75072	105610	1.73%	0.295%
3	5.417	406	413	426	rBB	1961508	2778430	45.57%	7.748%
4	7.011	675	684	696	rBV	1884448	3272580	53.68%	9.126%
5	7.381	739	747	756	rBV	2048501	3228669	52.96%	9.003%
6	7.846	820	826	832	rBV	356981	567644	9.31%	1.583%
7	8.169	874	881	889	rVB	1521230	2413478	39.59%	6.730%
8	9.016	1017	1025	1034	rBV	1165735	1946782	31.93%	5.429%
9	10.646	1295	1302	1310	rBV	512327	841691	13.81%	2.347%
10	13.104	1713	1720	1727	rBV	3445481	5028387	82.48%	14.022%
11	13.934	1856	1861	1867	rBV	345206	467383	7.67%	1.303%
12	14.487	1948	1955	1965	rVB2	758457	1162492	19.07%	3.242%
13	15.975	2201	2208	2217	rBV	2771814	3889877	63.80%	10.847%
14	17.228	2415	2421	2427	rBV	949813	1331201	21.83%	3.712%
15	18.098	2564	2569	2578	rBV	99045	136336	2.24%	0.380%
16	19.845	2860	2866	2871	rBV	4915434	6096763	100.00%	17.001%
17	21.098	3074	3079	3088	rBV	83876	127962	2.10%	0.357%
18	21.404	3126	3131	3137	rBV	1022230	1220116	20.01%	3.402%
19	23.716	3517	3524	3535	rVB2	626395	1168892	19.17%	3.260%

Sum of corrected areas: 35860177

LSC Report - Integrated Chromatogram

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Misc :
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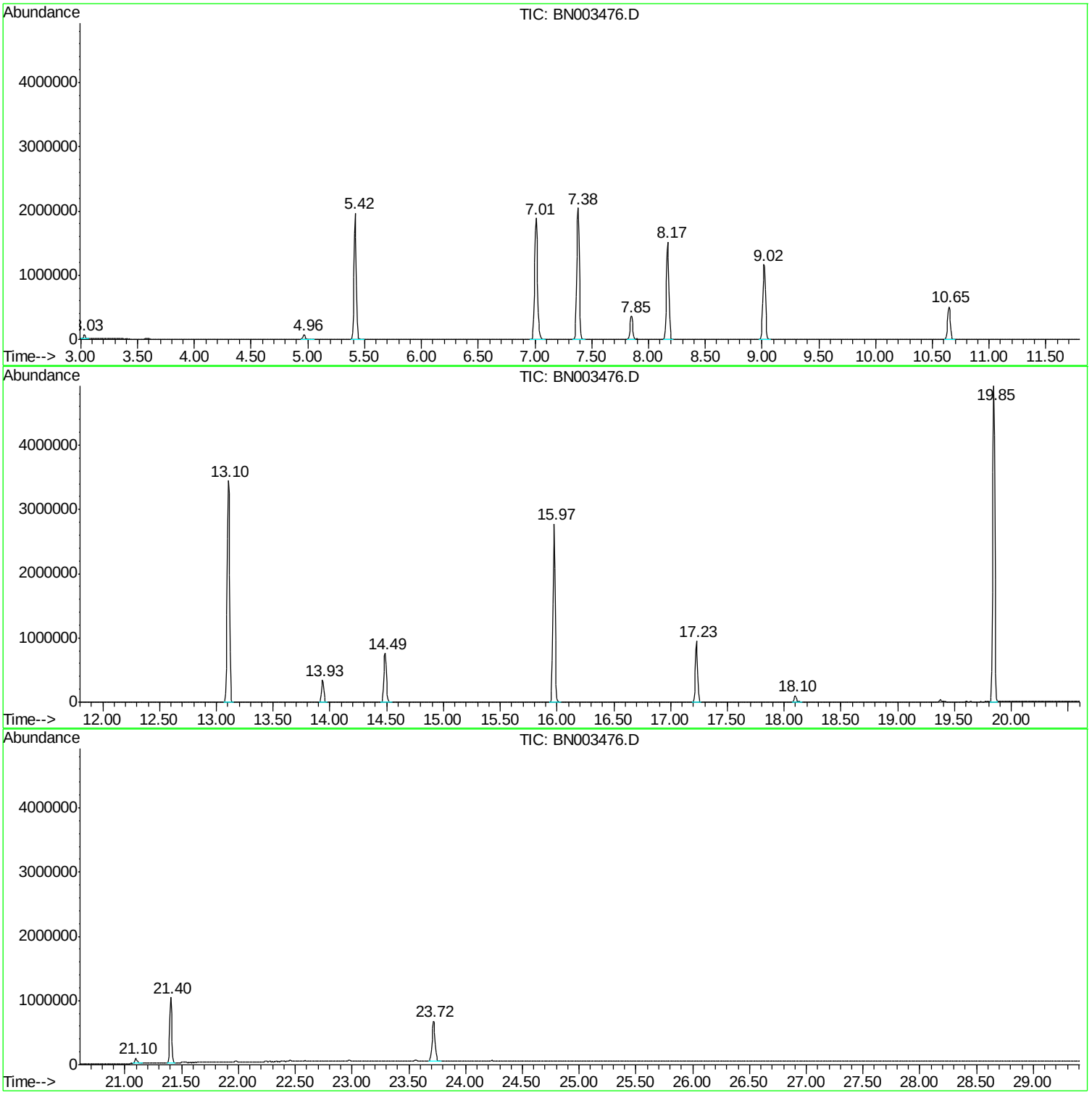
Instrument : BNA_N
ClientSampleId : EP2-SB-104(15-17)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.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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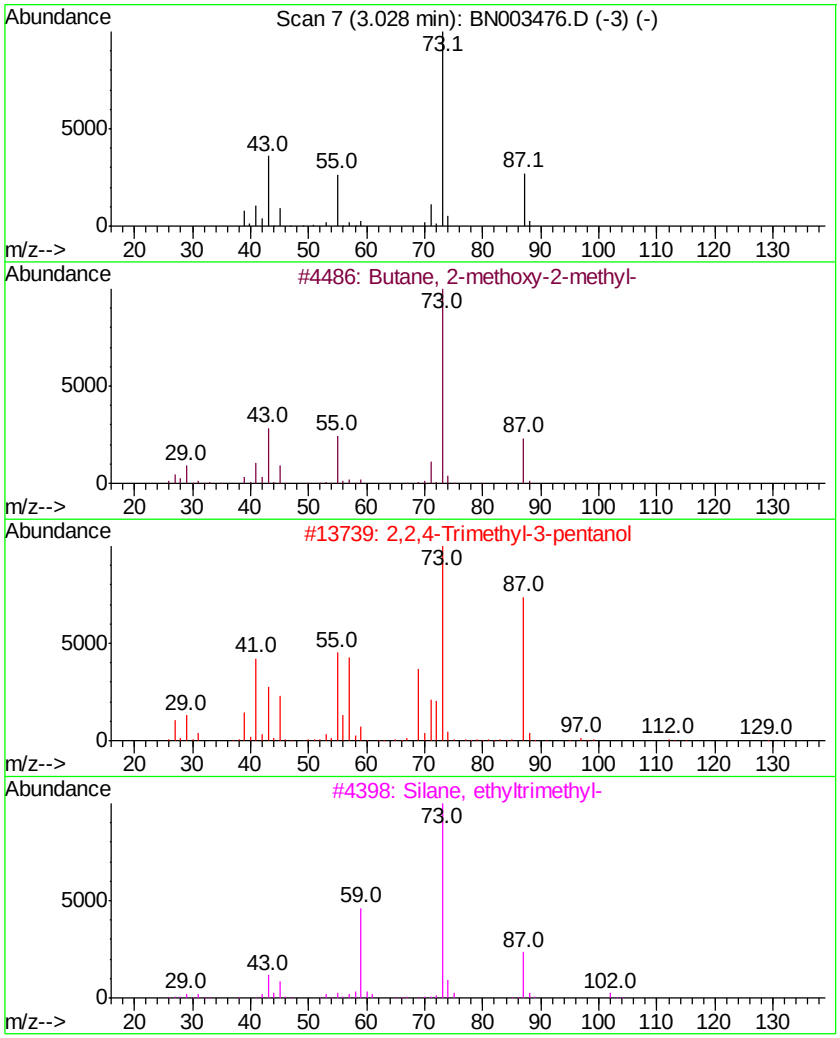
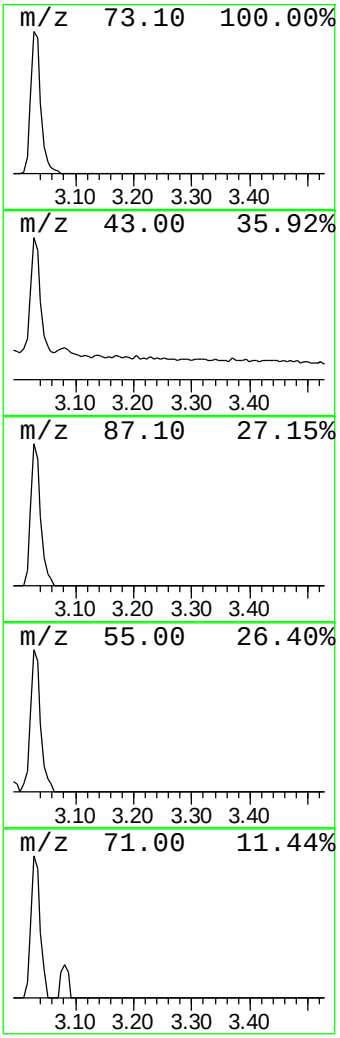
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	2.67 ng	75884	1,4-Dichlorobenzene-d4	7.85

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	40
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10





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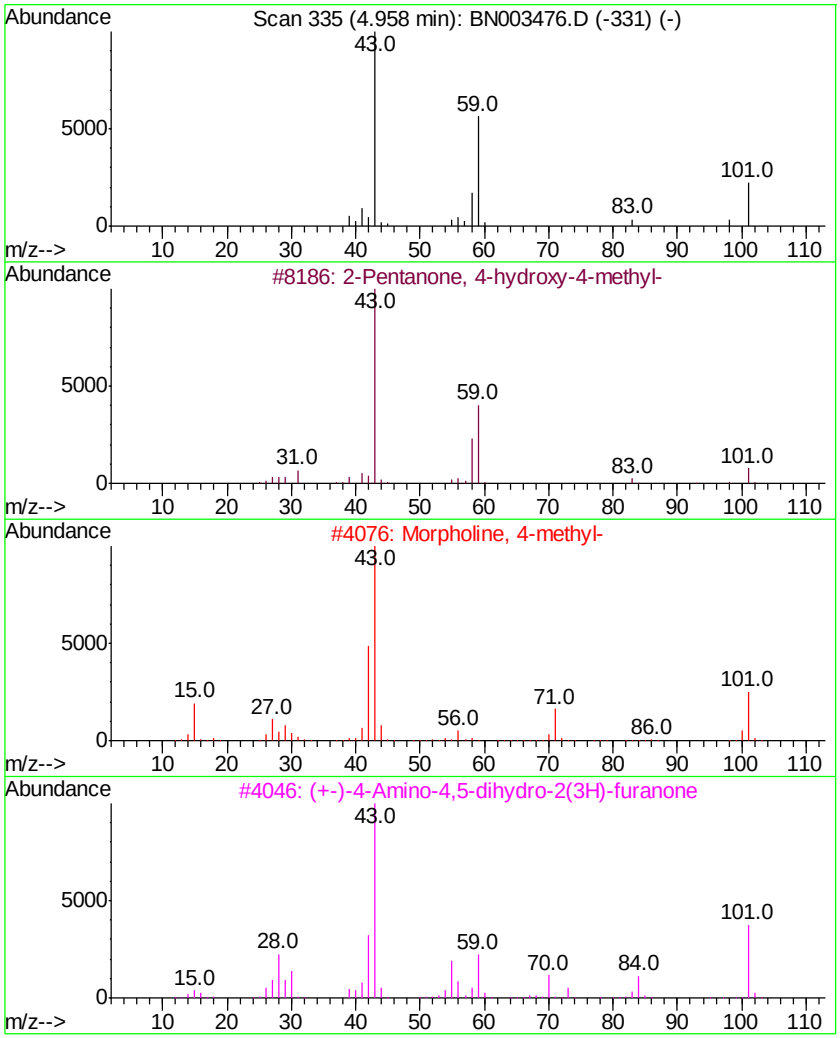
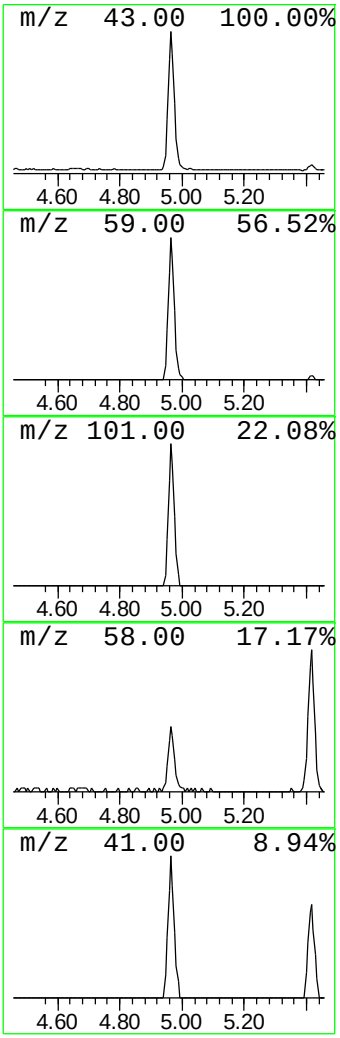
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	3.72 ng	105610	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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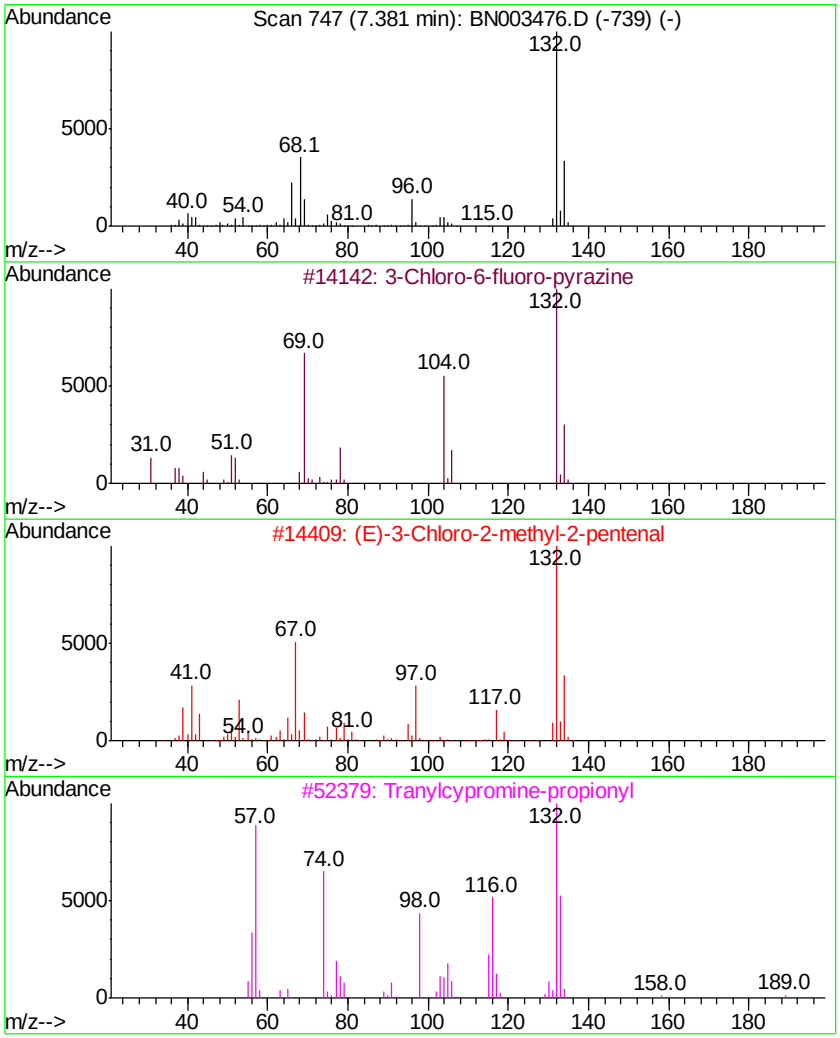
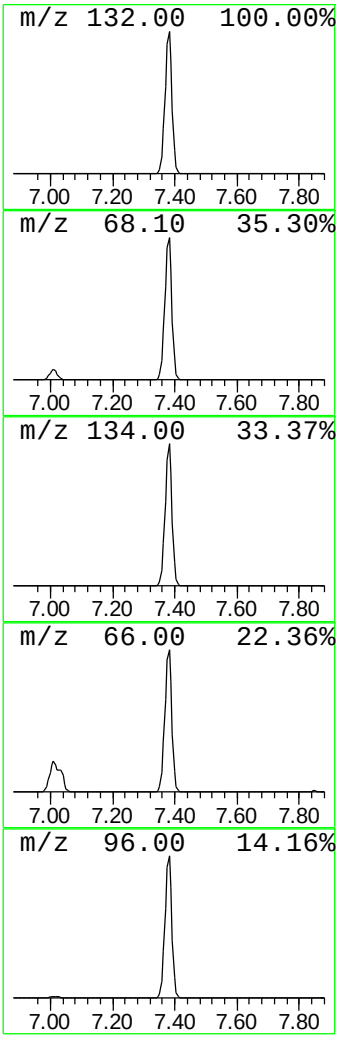
Peak Number 3 unknown7.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	113.76 ng	3228670	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9





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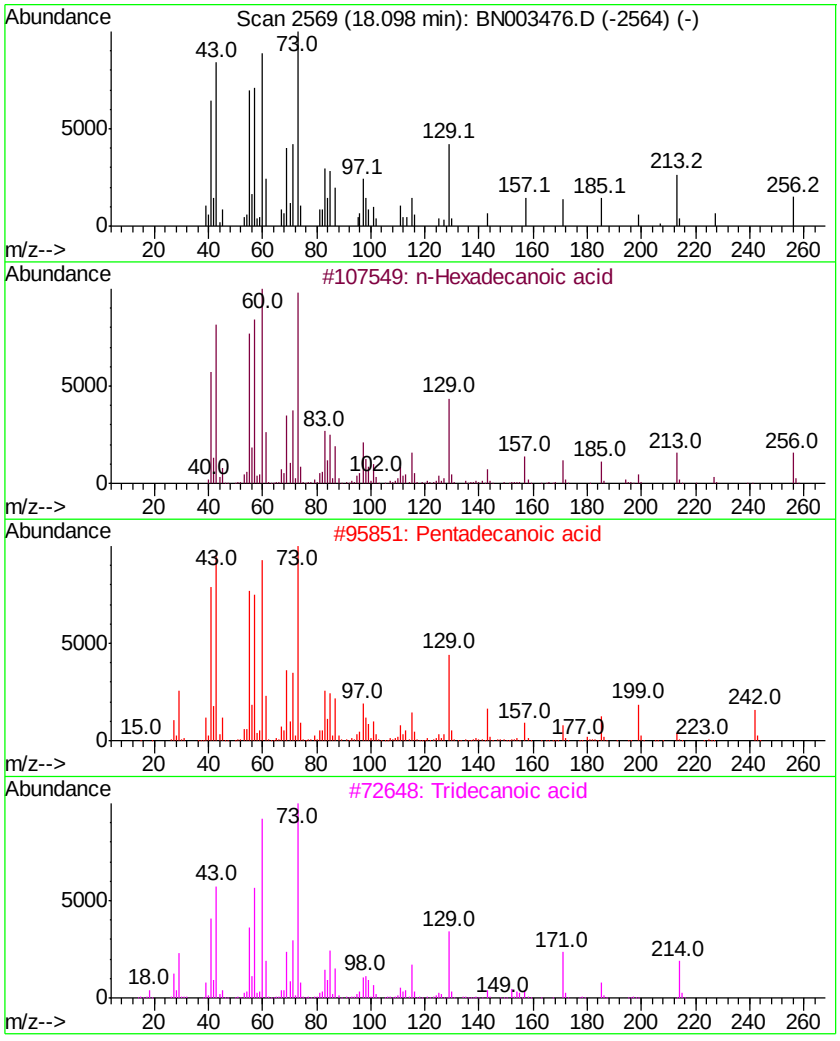
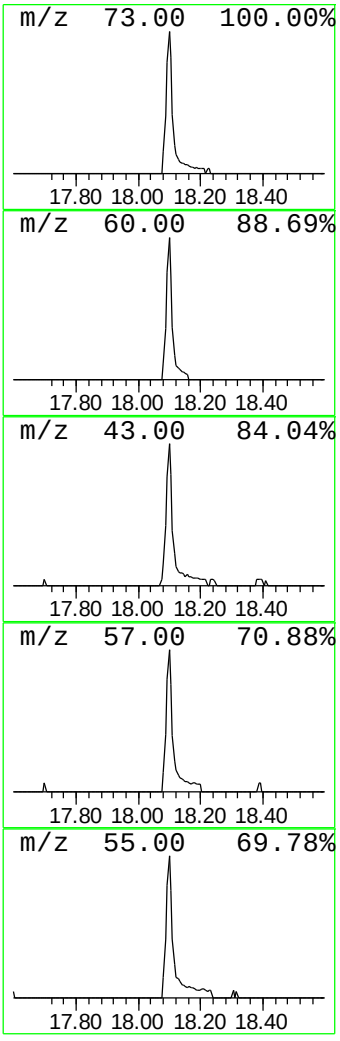
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	2.05 ng	136336	Phenanthrene-d10	17.23

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	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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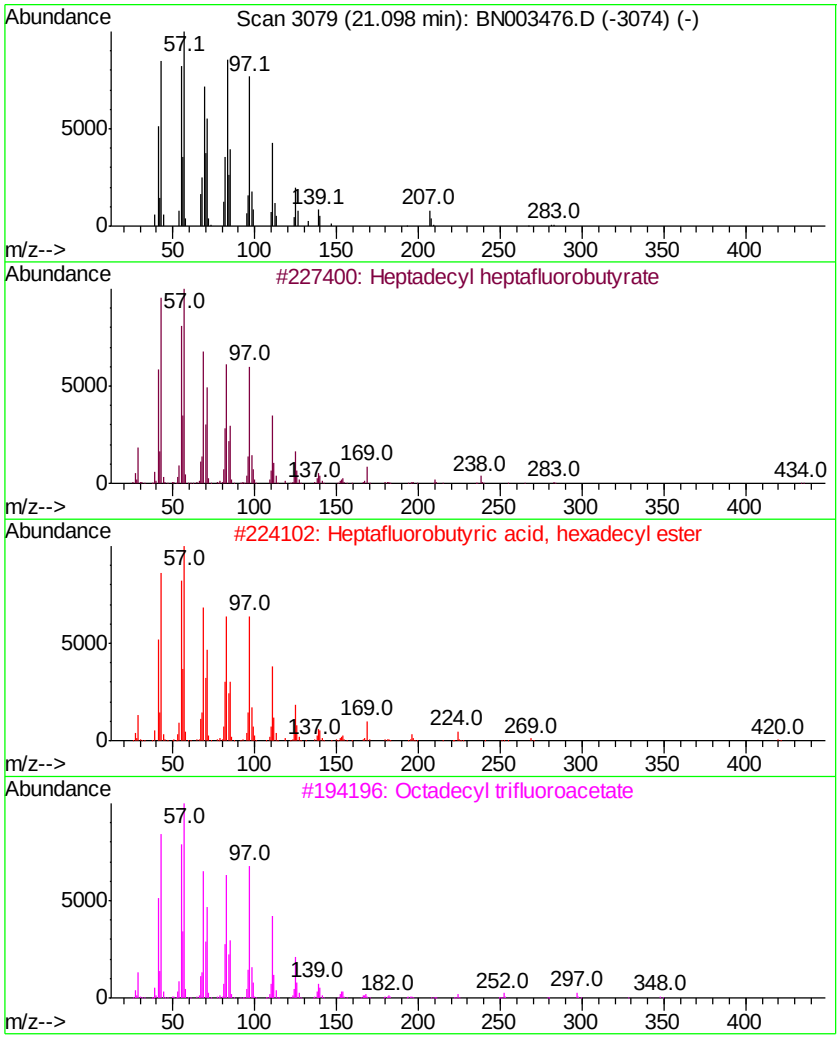
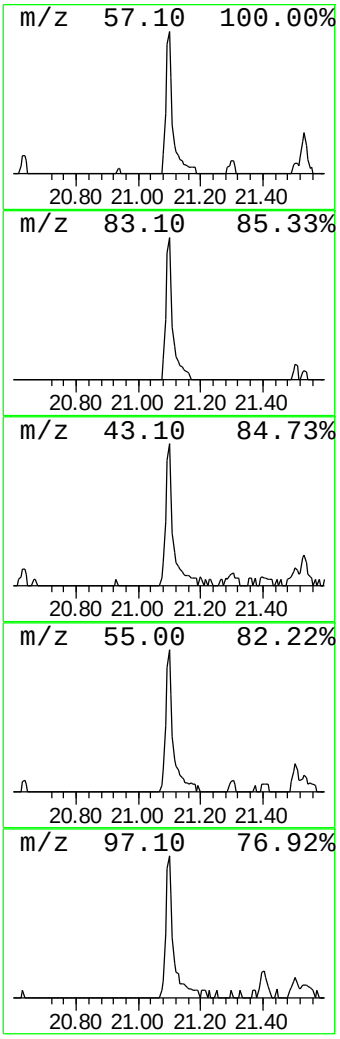
****

Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	2.10 ng	127962	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	95
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	95
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	95
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	95





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.03	2.7	ng	75884	1	7.85	567644	20.0
2-Pentanone, 4-hy...	4.96	3.7	ng	105610	1	7.85	567644	20.0
unknown7.38	7.38	113.8	ng	3228670	1	7.85	567644	20.0
n-Hexadecanoic acid	18.10	2.0	ng	136336	4	17.23	1331200	20.0
Heptadecyl heptaf...	21.10	2.1	ng	127962	5	21.40	1220120	20.0