LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
Data File : BN003479.D
Acq On : 09 Nov 2018 19:21
Operator : MJ/SJ
Sample : J5860-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EP2-SB-107(14-16)

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	17	rVB	94992	116125	2.20%	0.365%
2	4.964	331	336	347	rBV	66842	92168	1.75%	0.290%
3	5.416	406	413	428	rVB	1755131	2482039	47.11%	7.804%
4	7.010	675	684	699	rBV	1655890	2914215	55.32%	9.162%
5	7.381	739	747	756	rBV	1805263	2880960	54.69%	9.058%
6	7.846	820	826	832	rBV	321711	509846	9.68%	1.603%
7	8.169	873	881	888	rBV	1337335	2118798	40.22%	6.661%
8	9.016	1016	1025	1036	rBV	1052732	1718655	32.62%	5.403%
9	10.646	1292	1302	1312	rBV	458466	756044	14.35%	2.377%
10	13.104	1713	1720	1727	rBV	2857986	4234913	80.39%	13.315%
11	13.934	1856	1861	1867	rBV	325084	428197	8.13%	1.346%
12	14.487	1948	1955	1962	rBV2	694836	1057908	20.08%	3.326%
13	15.975	2201	2208	2218	rBV	2496454	3456580	65.61%	10.867%
14	17.228	2415	2421	2427	rBV	900794	1228902	23.33%	3.864%
15	18.098	2565	2569	2580	rBV	107711	147911	2.81%	0.465%
16	19.375	2782	2786	2800	rBV	43403	60520	1.15%	0.190%
17	19.845	2860	2866	2871	rBV	4205421	5268244	100.00%	16.563%
18	21.098	3075	3079	3088	rBV	84312	122105	2.32%	0.384%
19	21.404	3126	3131	3137	rBV	980313	1133421	21.51%	3.563%
20	23.721	3517	3525	3535	rBV	567999	1079165	20.48%	3.393%

Sum of corrected areas: 31806716

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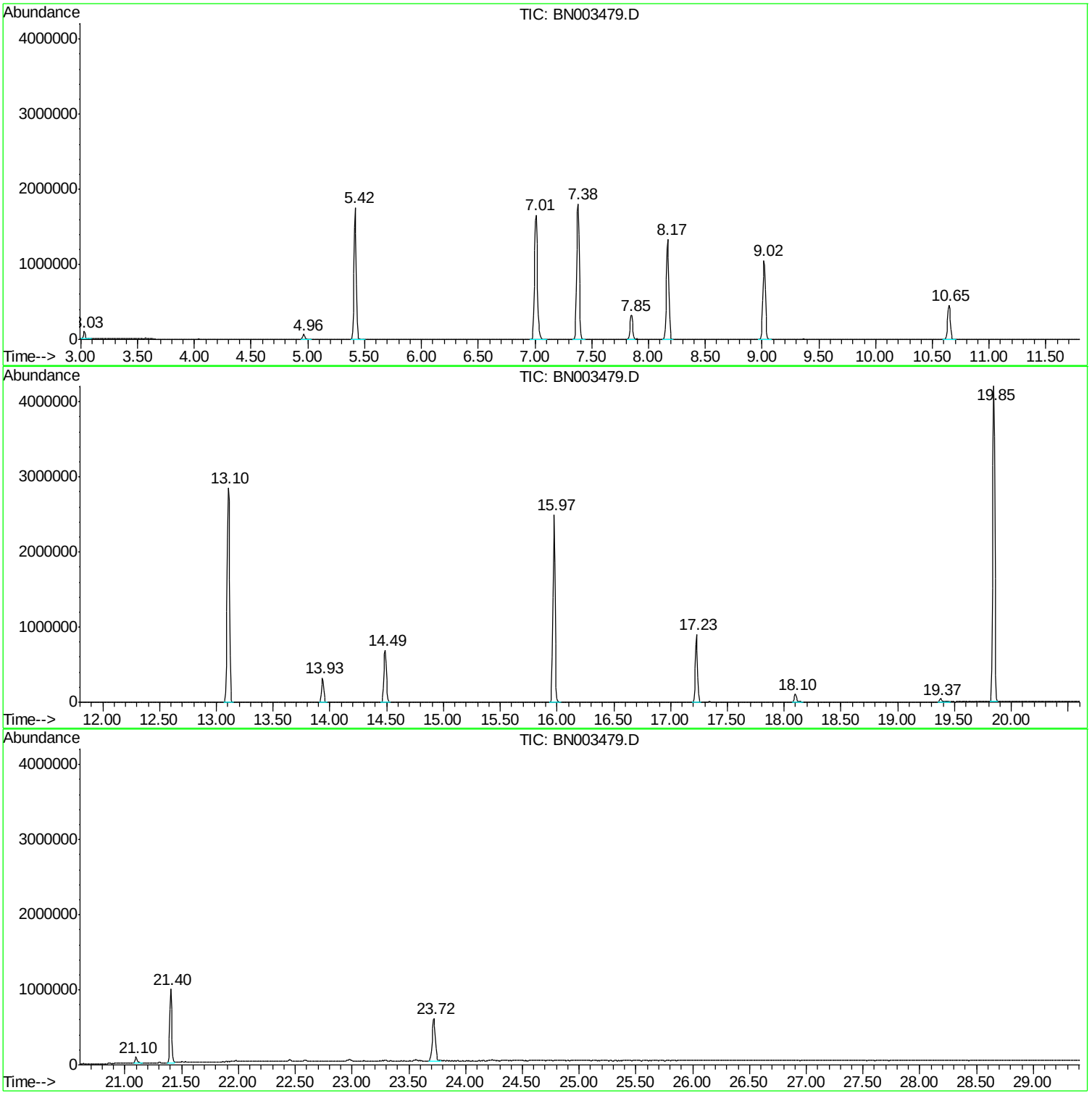
Instrument :
BNA_N
ClientSampleId :
EP2-SB-107(14-16)

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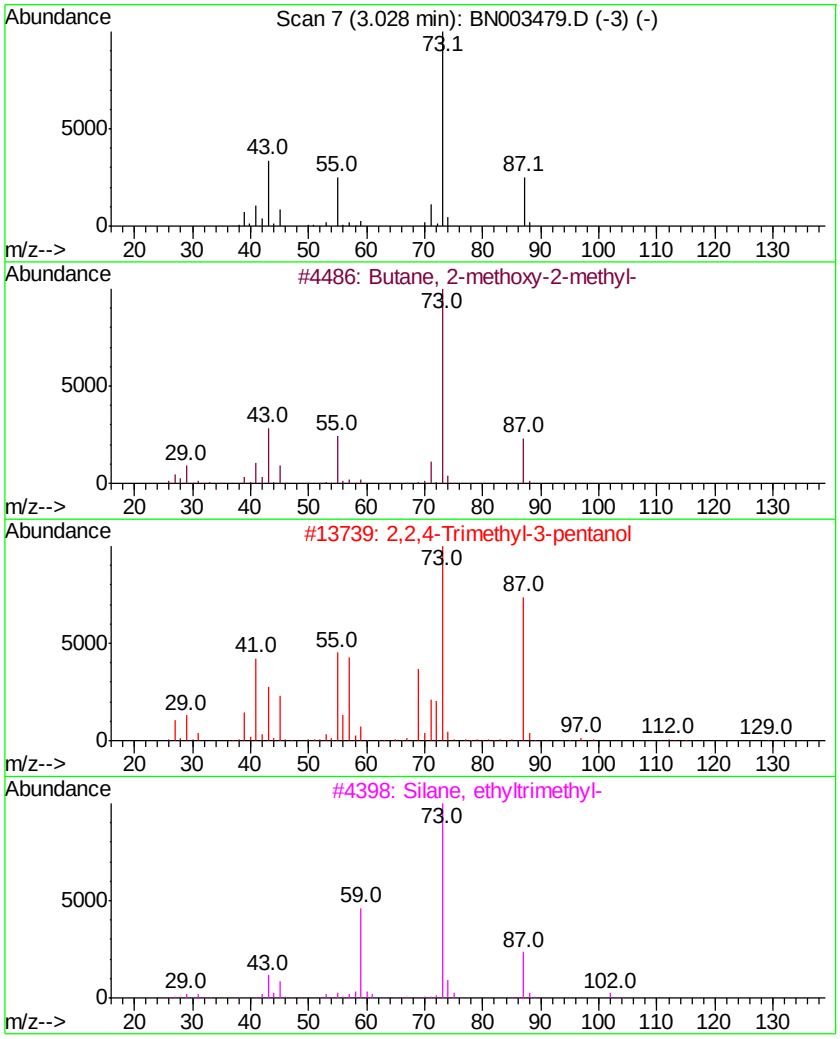
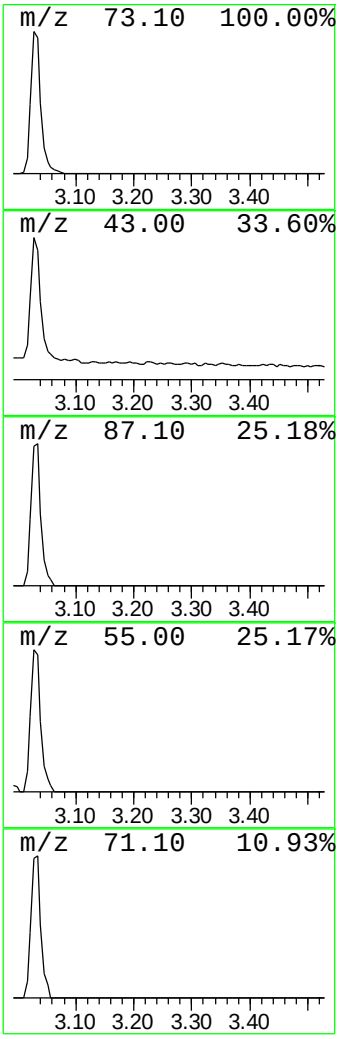
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	4.56 ng	116125	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	39
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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ClientSampleId : EP2-SB-107(14-16)

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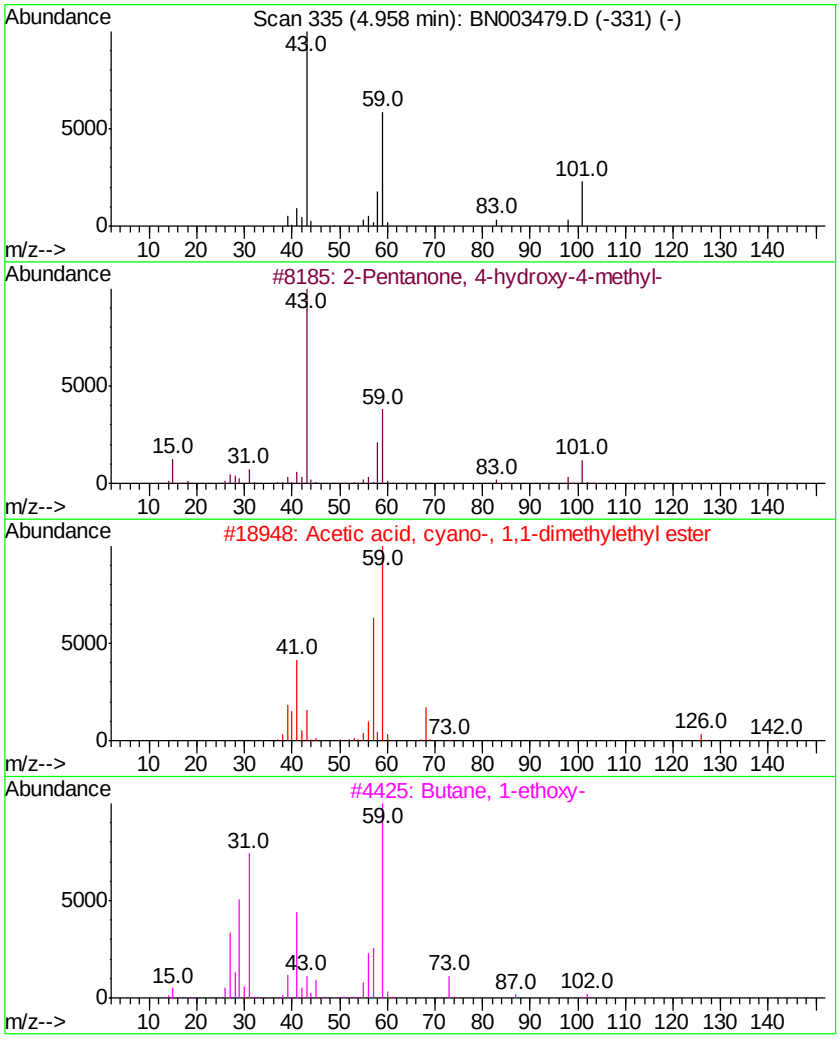
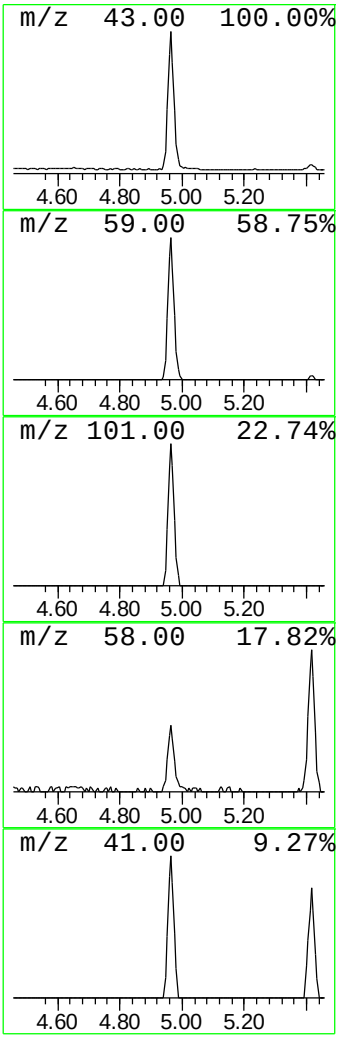
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	3.62 ng	92168	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	53
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EP2-SB-107(14-16)

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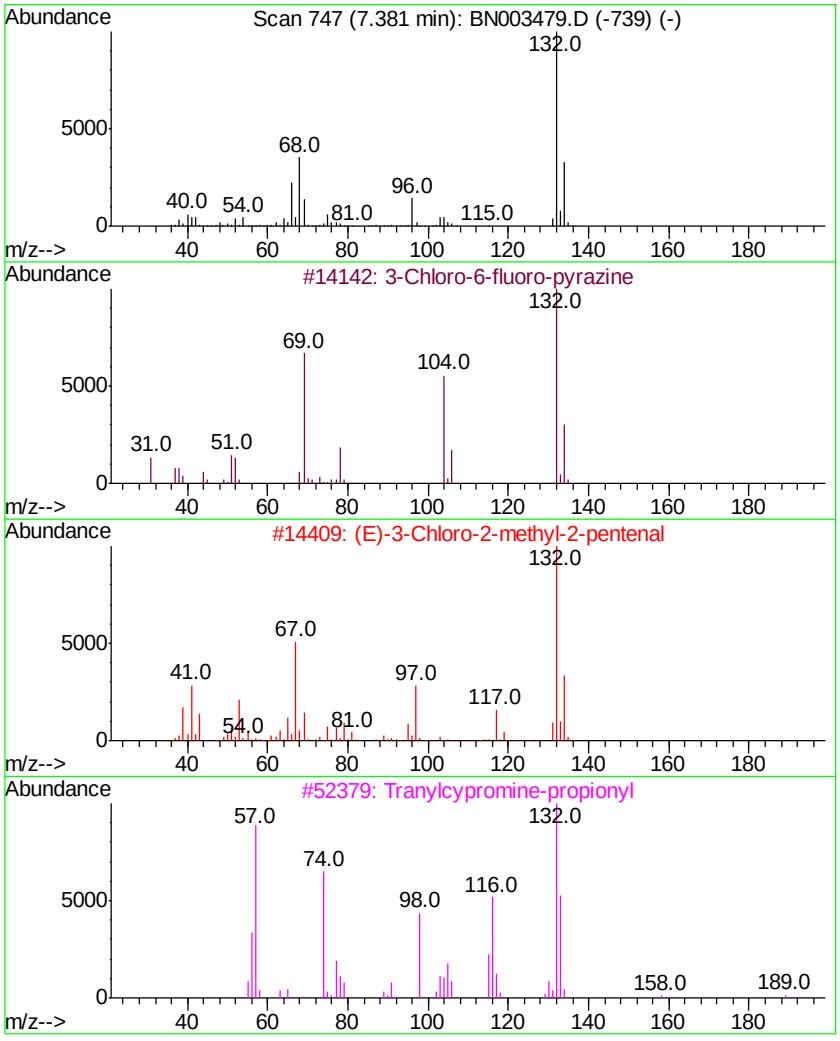
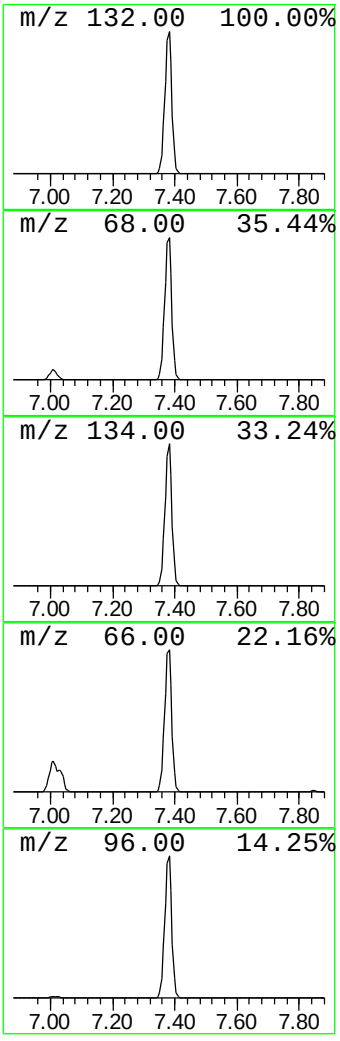
Peak Number 3 unknown7.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	113.01 ng	2880960	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	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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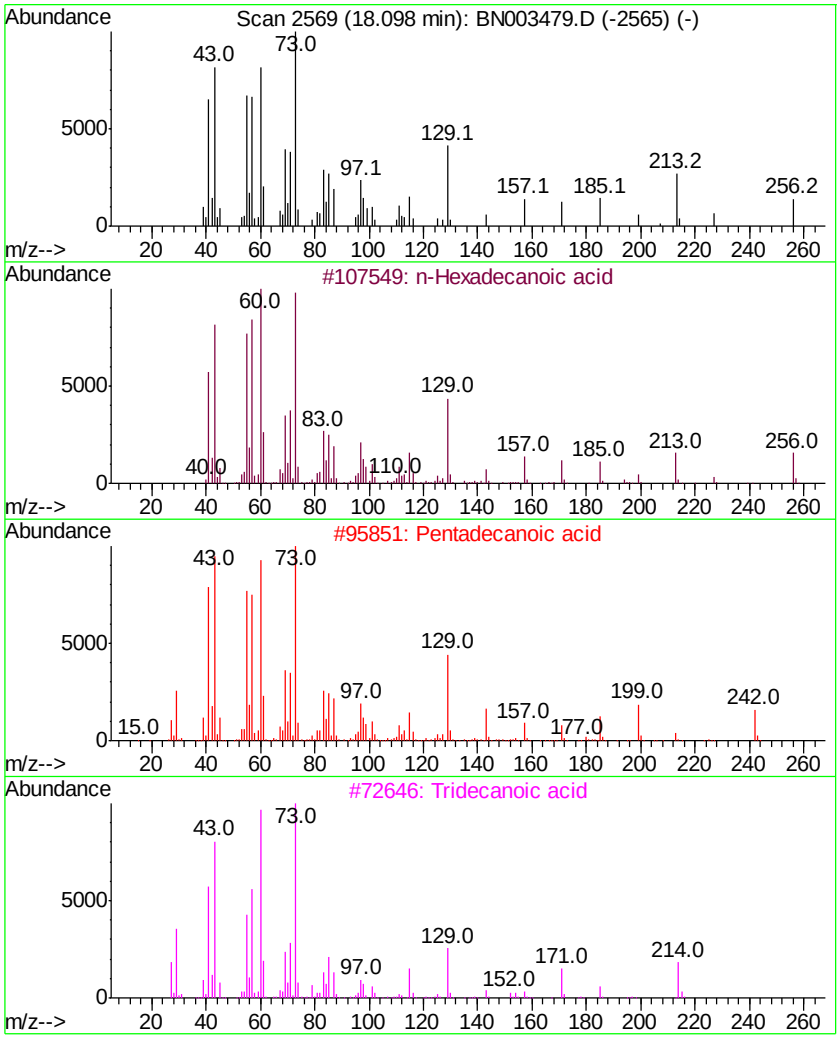
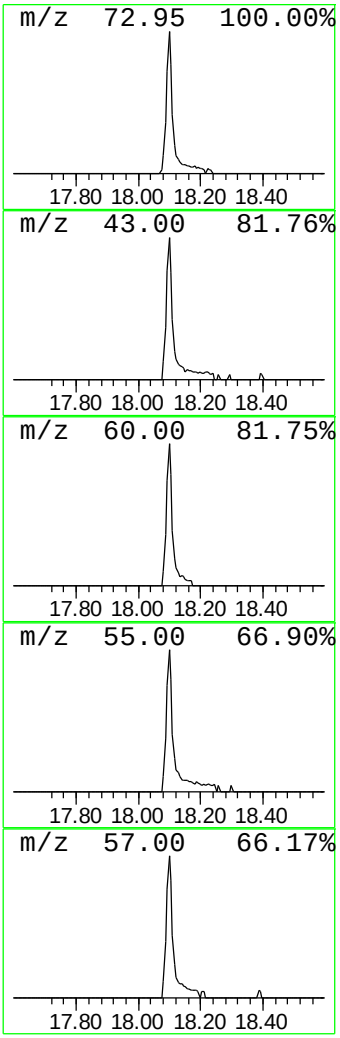
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	2.41 ng	147911	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	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	25





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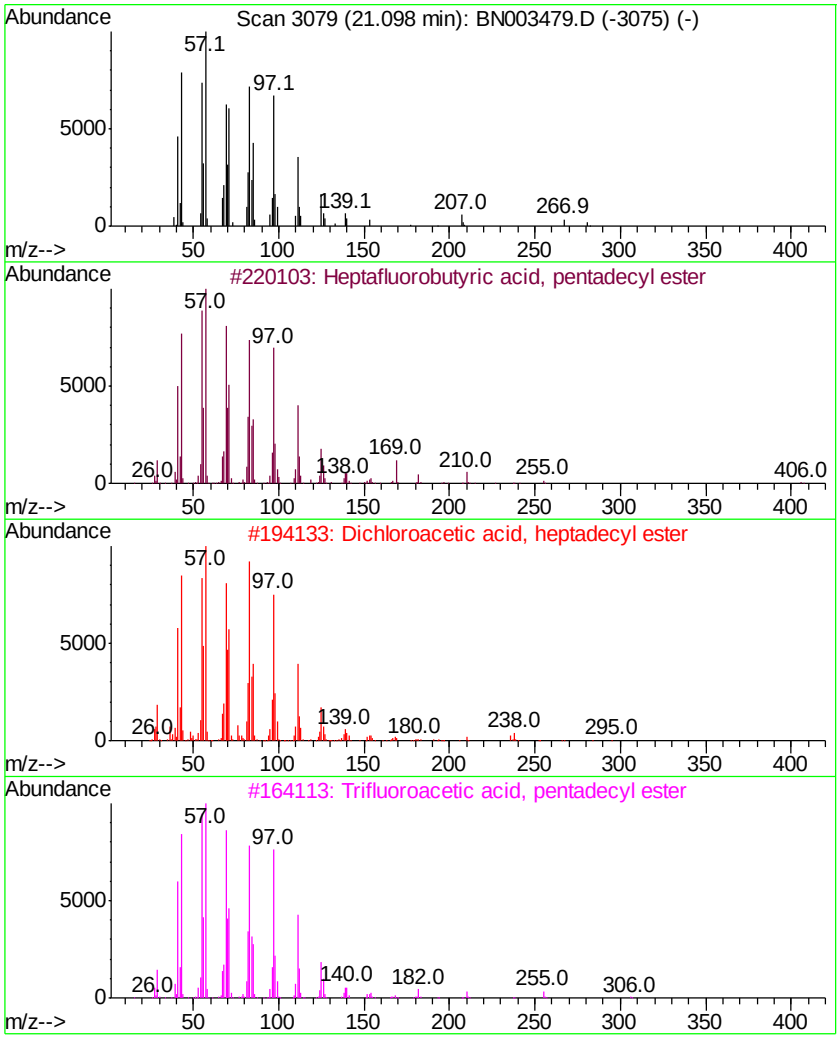
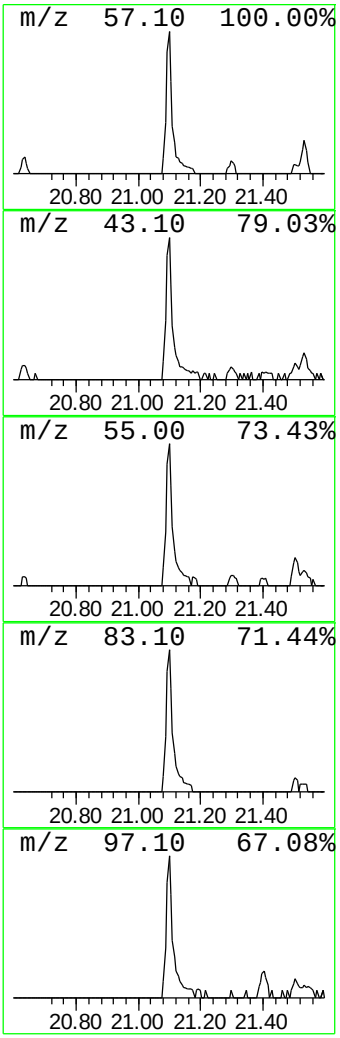
****

Peak Number 6 Heptafluorobutyric acid, pe... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	2.15 ng	122105	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





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	4.6	ng	116125	1	7.85	509846	20.0
2-Pentanone, 4-hy...	4.96	3.6	ng	92168	1	7.85	509846	20.0
unknown7.38	7.38	113.0	ng	2880960	1	7.85	509846	20.0
n-Hexadecanoic acid	18.10	2.4	ng	147911	4	17.23	1228900	20.0
Heptafluorobutyri...	21.10	2.1	ng	122105	5	21.40	1133420	20.0