LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111318\
Data File : BN003516.D
Acq On : 13 Nov 2018 17:46
Operator : MJ/SJ
Sample : J5909-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SB-15-D

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-BN111218.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	22	rVB	115849	141191	3.02%	0.430%
2	4.963	331	336	342	rBV	75364	102081	2.18%	0.311%
3	5.416	406	413	425	rBV	1919180	2741937	58.66%	8.342%
4	7.010	675	684	699	rBV	1848009	3126691	66.89%	9.513%
5	7.381	739	747	758	rBV	1969547	3186542	68.17%	9.695%
6	7.846	820	826	832	rBV	362107	551206	11.79%	1.677%
7	8.169	873	881	889	rBV	1485013	2361820	50.53%	7.186%
8	9.016	1017	1025	1035	rBV	1152066	1884394	40.32%	5.733%
9	10.645	1295	1302	1311	rVB	478982	804796	17.22%	2.449%
10	13.104	1713	1720	1726	rBV	3156902	4474177	95.72%	13.612%
11	13.934	1855	1861	1871	rBV	154920	203858	4.36%	0.620%
12	14.481	1948	1954	1962	rVB2	712204	1066359	22.81%	3.244%
13	15.969	2201	2207	2220	rBV	2367313	3413627	73.03%	10.386%
14	17.222	2414	2420	2426	rBV2	781317	1110704	23.76%	3.379%
15	18.098	2563	2569	2580	rBV	135929	195037	4.17%	0.593%
16	19.374	2781	2786	2795	rBV	39619	58325	1.25%	0.177%
17	19.845	2860	2866	2871	rBV	3700367	4674138	100.00%	14.221%
18	21.092	3074	3078	3094	rBV	233219	377835	8.08%	1.150%
19	21.398	3125	3130	3136	rBV	873862	1132716	24.23%	3.446%
20	22.968	3393	3397	3402	rVB	38140	50559	1.08%	0.154%
21	23.715	3517	3524	3531	rBV2	597629	1151217	24.63%	3.503%
22	24.333	3624	3629	3642	rVB5	22999	59080	1.26%	0.180%

Sum of corrected areas: 32868290

LSC Report - Integrated Chromatogram

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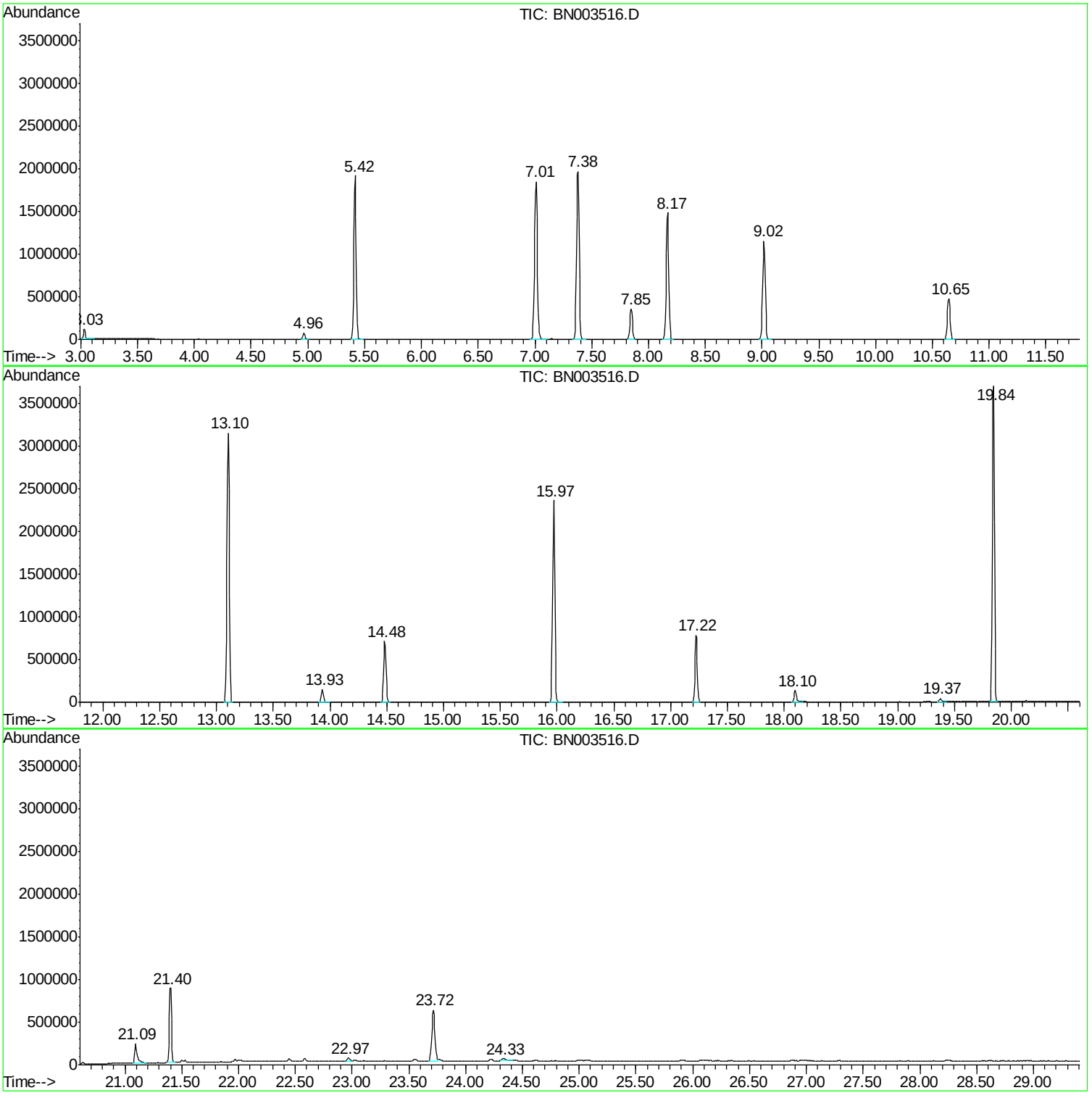
Instrument : BNA_N
ClientSampleId : SB-15-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN111218.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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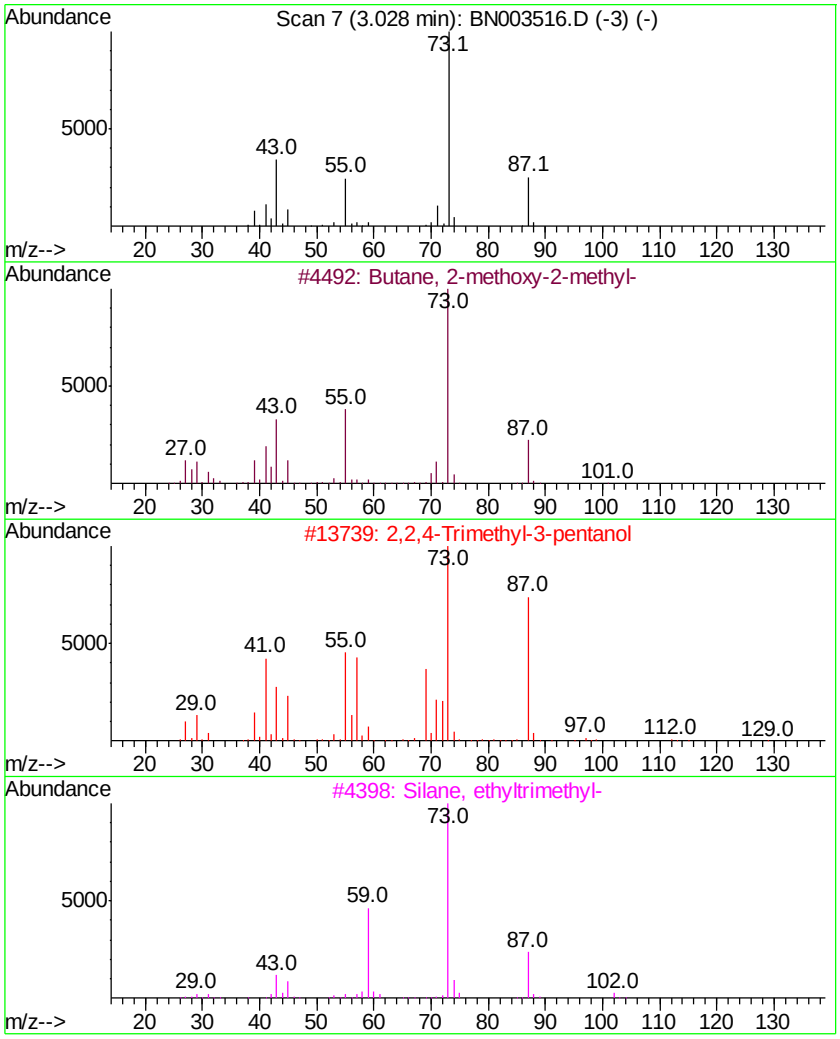
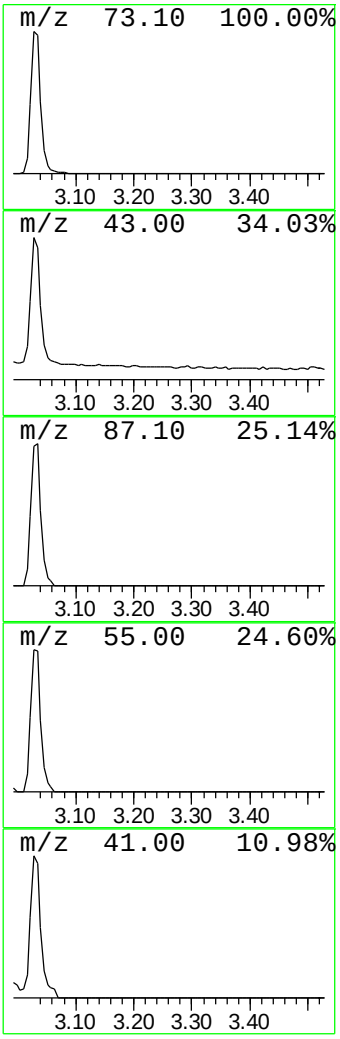
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	5.12 ng	141191	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	83
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	10





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Instrument : BNA_N
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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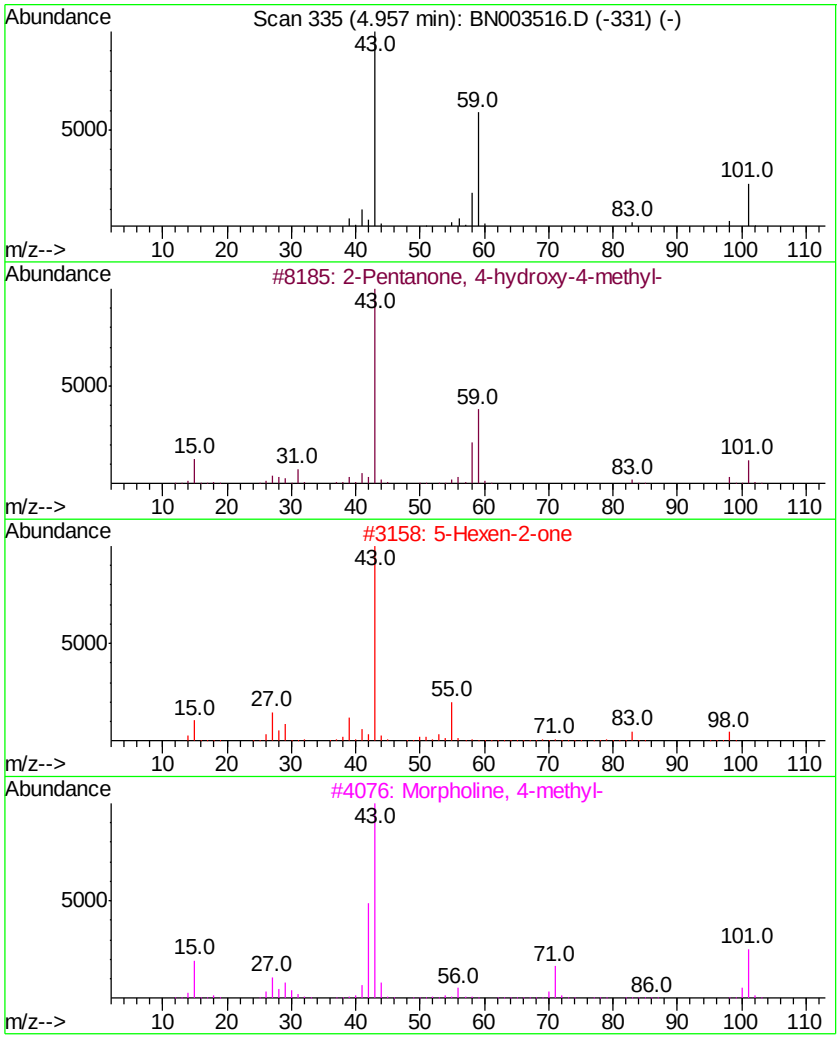
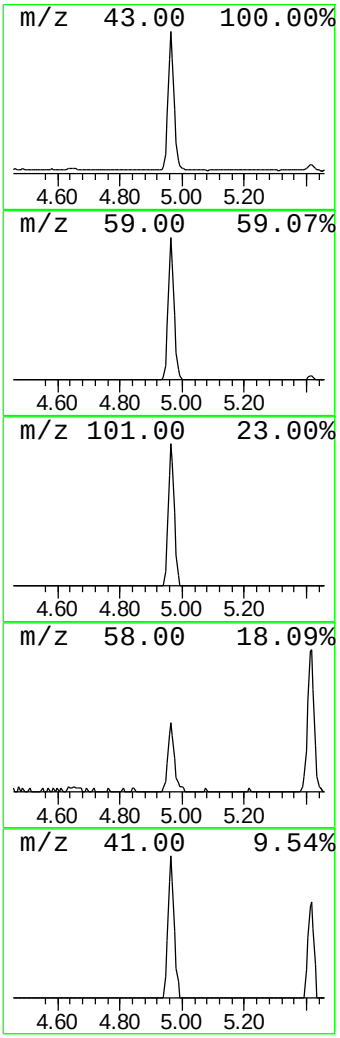
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	3.70 ng	102081	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	5-Hexen-2-one	98	C6H10O	000109-49-9	10
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Misc :
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ClientSampleId : SB-15-D

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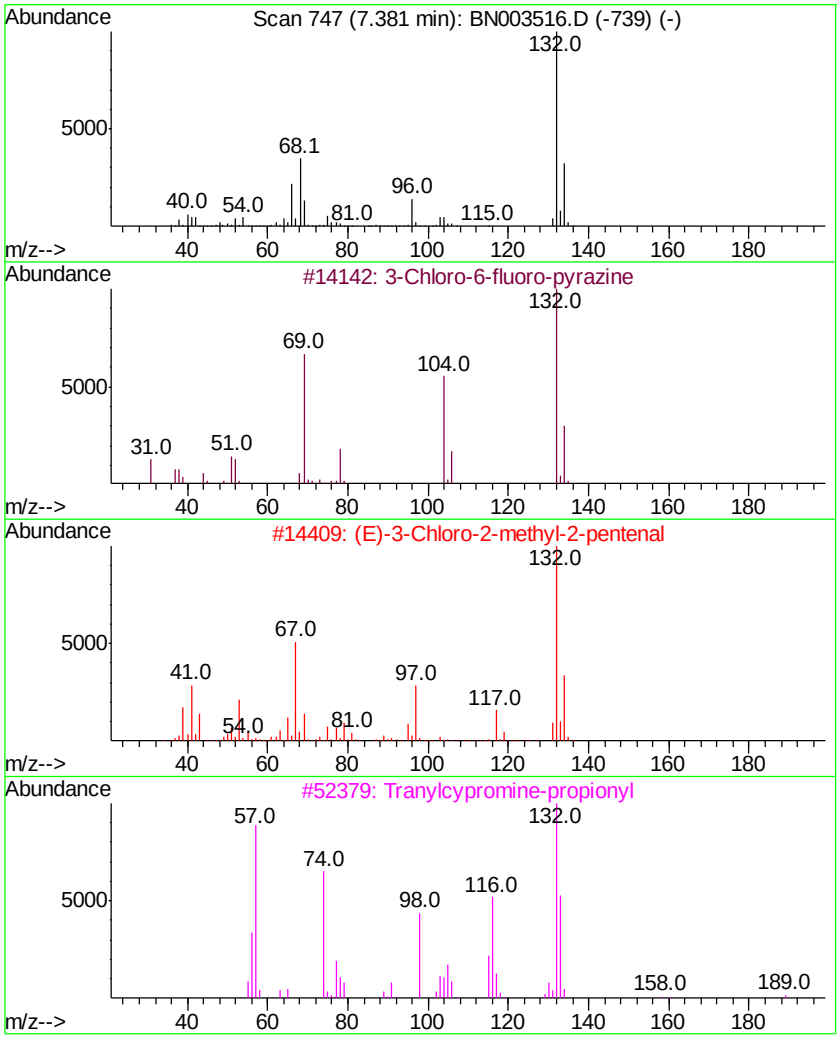
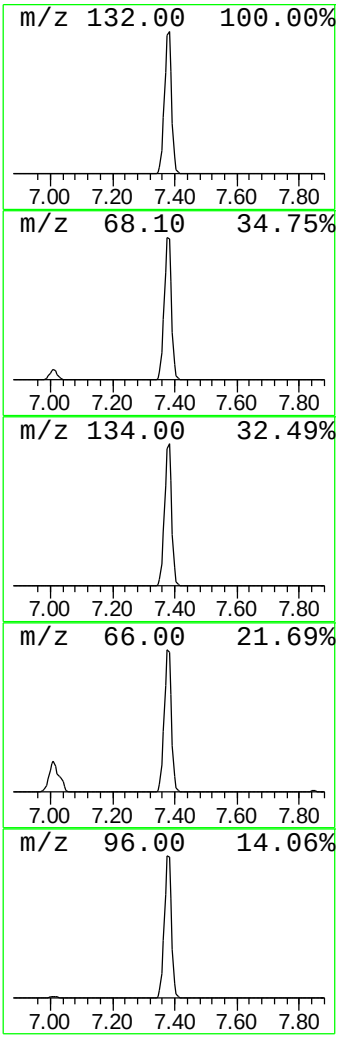
Peak Number 3 unknown7.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	115.62 ng	3186540	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	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SB-15-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN111218.M
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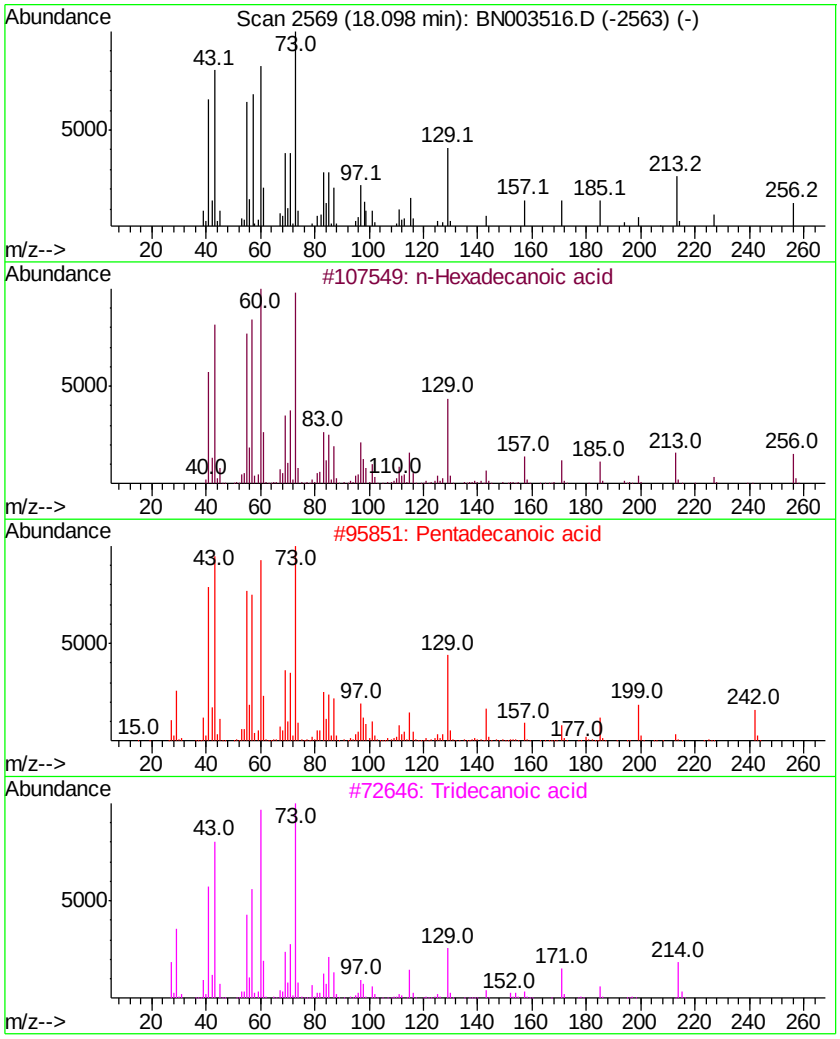
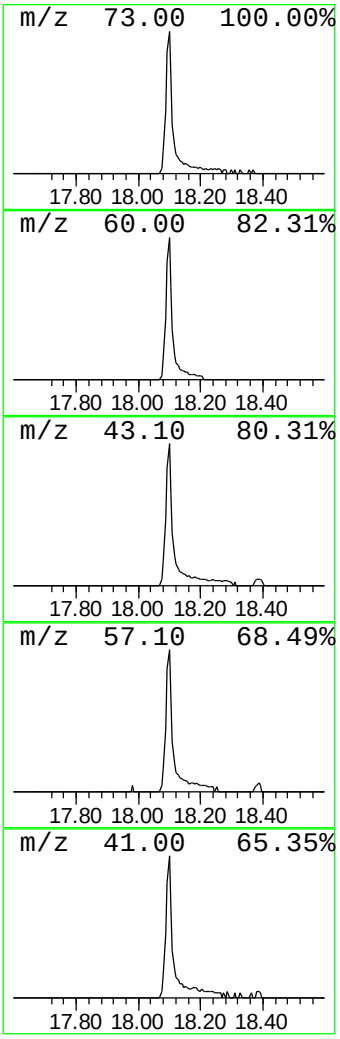
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	3.51 ng	195037	Phenanthrene-d10	17.22

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	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	20





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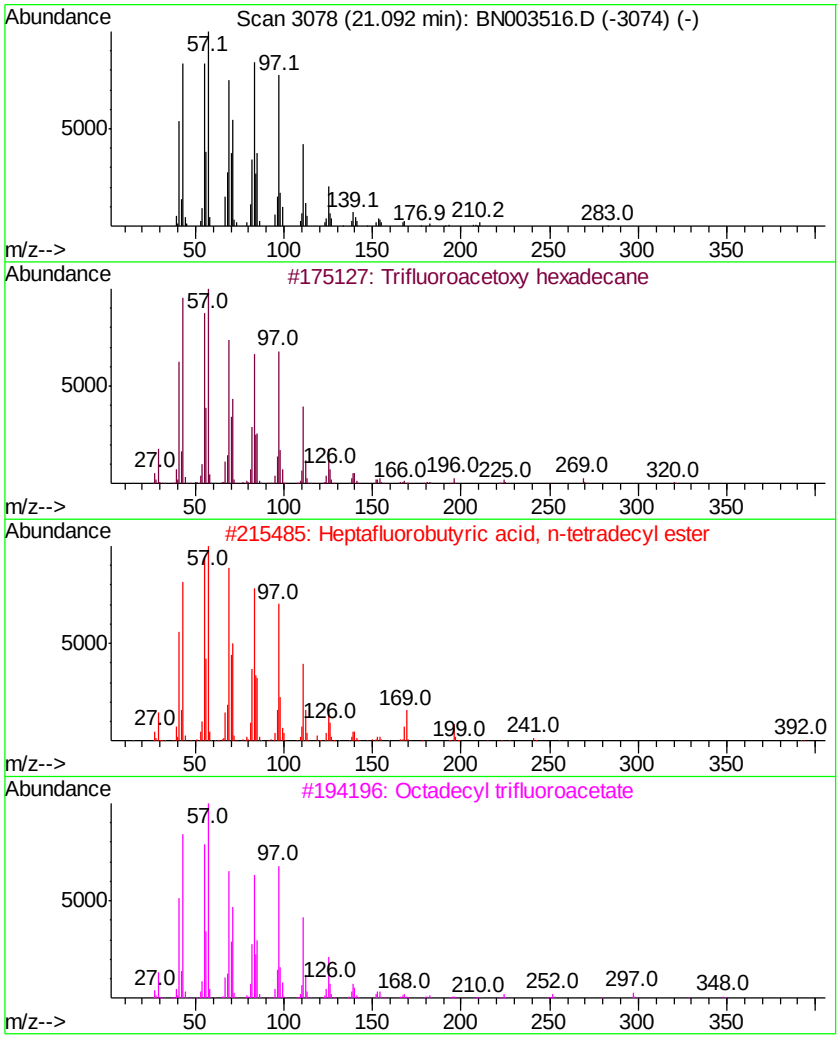
TIC Integration Parameters: LSCINT.P

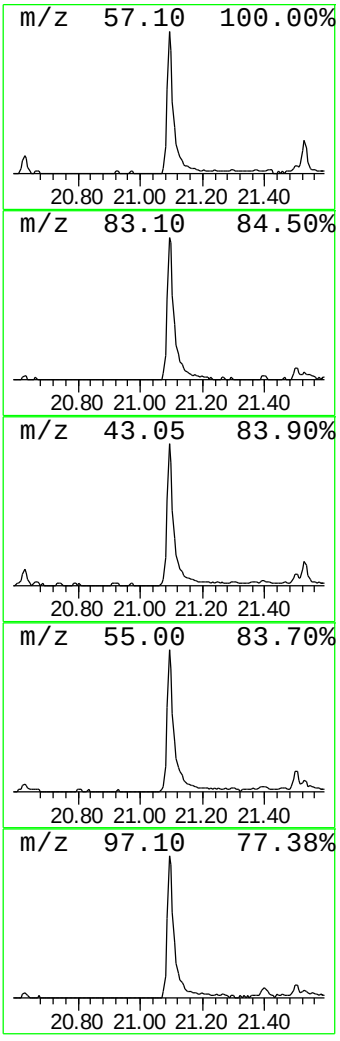
****

Peak Number 6 Trifluoroacetoxy hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	6.67 ng	377835	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Cyclopentadecane	210	C15H30	000295-48-7	93





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...	3.03	5.1	ng	141191	1	7.85	551206	20.0
2-Pentanone, 4-hy...	4.96	3.7	ng	102081	1	7.85	551206	20.0
unknown7.38	7.38	115.6	ng	3186540	1	7.85	551206	20.0
n-Hexadecanoic acid	18.10	3.5	ng	195037	4	17.22	1110700	20.0
Trifluoroacetoxy ...	21.09	6.7	ng	377835	5	21.40	1132720	20.0