LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018377.D
Acq On : 22 Dec 2018 03:19
Operator : JU/SJ
Sample : J6505-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-63(0-23)-COMP

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_M\METHODS\8270-BM121518.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	4.675	298	304	314	rVB	73587	104058	2.52%	0.313%
2	5.122	373	380	391	rBV	2213697	3227416	78.07%	9.694%
3	6.699	639	648	660	rBV	2147061	3599511	87.07%	10.812%
4	7.028	697	704	714	rBV	2357350	3583841	86.69%	10.765%
5	7.481	775	781	788	rVB	516126	798110	19.31%	2.397%
6	7.793	827	834	845	rVB	1610872	2461350	59.54%	7.393%
7	8.640	971	978	991	rBV	1236794	2049316	49.57%	6.155%
8	10.245	1244	1251	1264	rBV	606056	1046900	25.32%	3.145%
9	12.745	1669	1676	1692	rBV	2912757	4133868	100.00%	12.417%
10	13.616	1818	1824	1835	rBV	248682	390314	9.44%	1.172%
11	14.145	1906	1914	1923	rBV2	772236	1216247	29.42%	3.653%
12	15.657	2165	2171	2189	rBV	1765221	2663283	64.43%	8.000%
13	16.910	2378	2384	2390	rBV	812337	1162746	28.13%	3.493%
14	17.821	2536	2539	2547	rVB2	136783	202753	4.90%	0.609%
15	19.398	2803	2807	2811	rBV	68388	101665	2.46%	0.305%
16	19.568	2830	2836	2843	rBV	2855033	3544677	85.75%	10.647%
17	20.851	3051	3054	3060	rVB	262640	317272	7.67%	0.953%
18	21.051	3085	3088	3092	rBV	314552	343479	8.31%	1.032%
19	21.133	3098	3102	3107	rBV	863609	1103147	26.69%	3.314%
20	23.297	3465	3470	3477	rVB	702092	1242494	30.06%	3.732%

Sum of corrected areas: 33292447

LSC Report - Integrated Chromatogram

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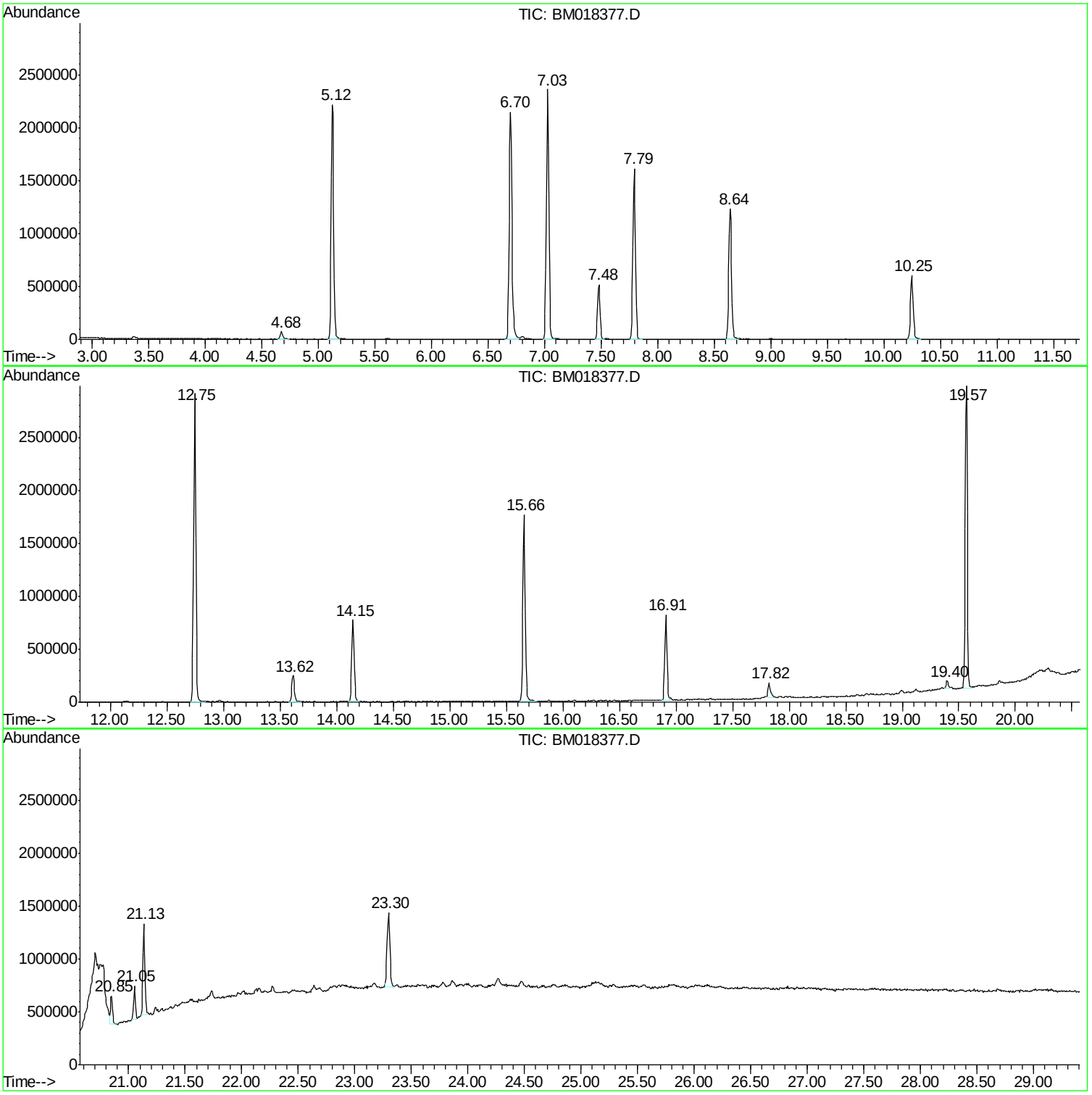
Instrument : BNA_M
ClientSampleId : SB-63(0-23)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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TIC Integration Parameters: LSCINT.P

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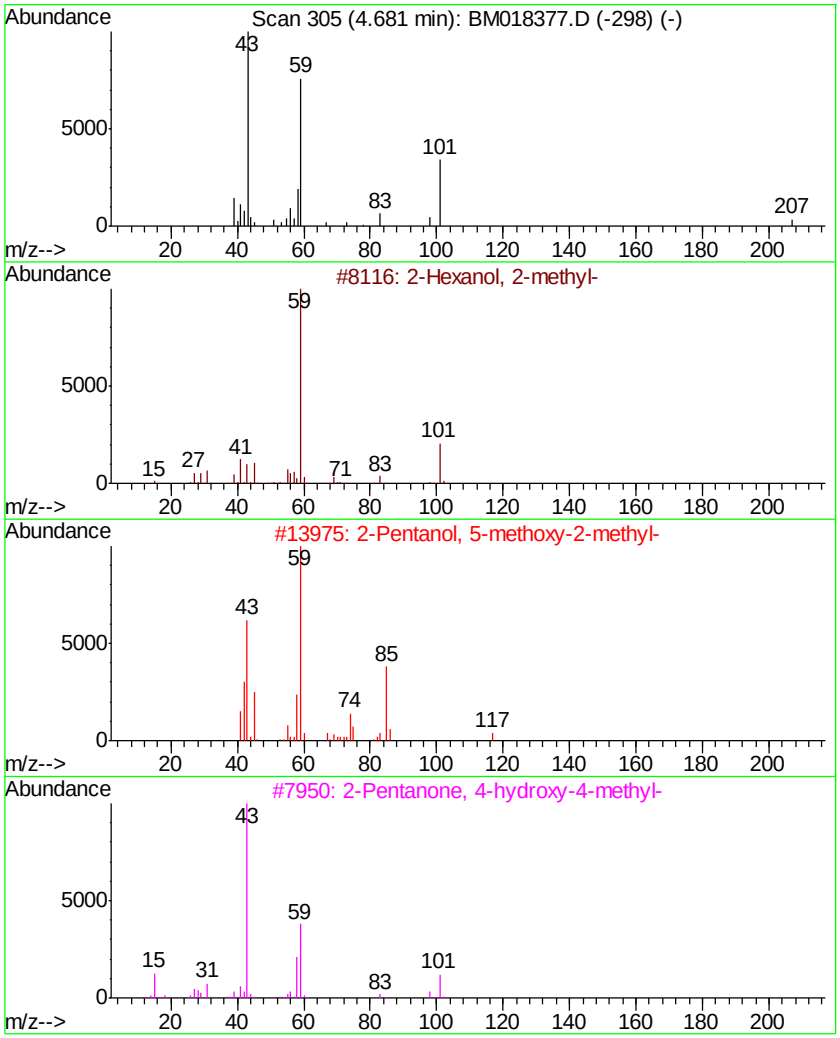
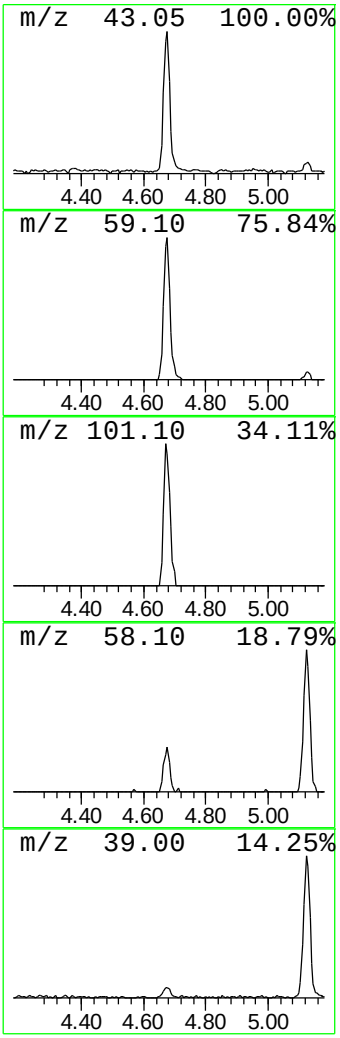
Peak Number 1 unknown4.68 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	2.61 ng	104058	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	42
2	2-Pentanol, 5-methoxy-2-methyl-	132	C7H16O2	055724-04-4	40
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36
4	Dimethadione	129	C5H7NO3	000695-53-4	36
5	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	32





Library Search Compound Report

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ClientSampleId : SB-63(0-23)-COMP

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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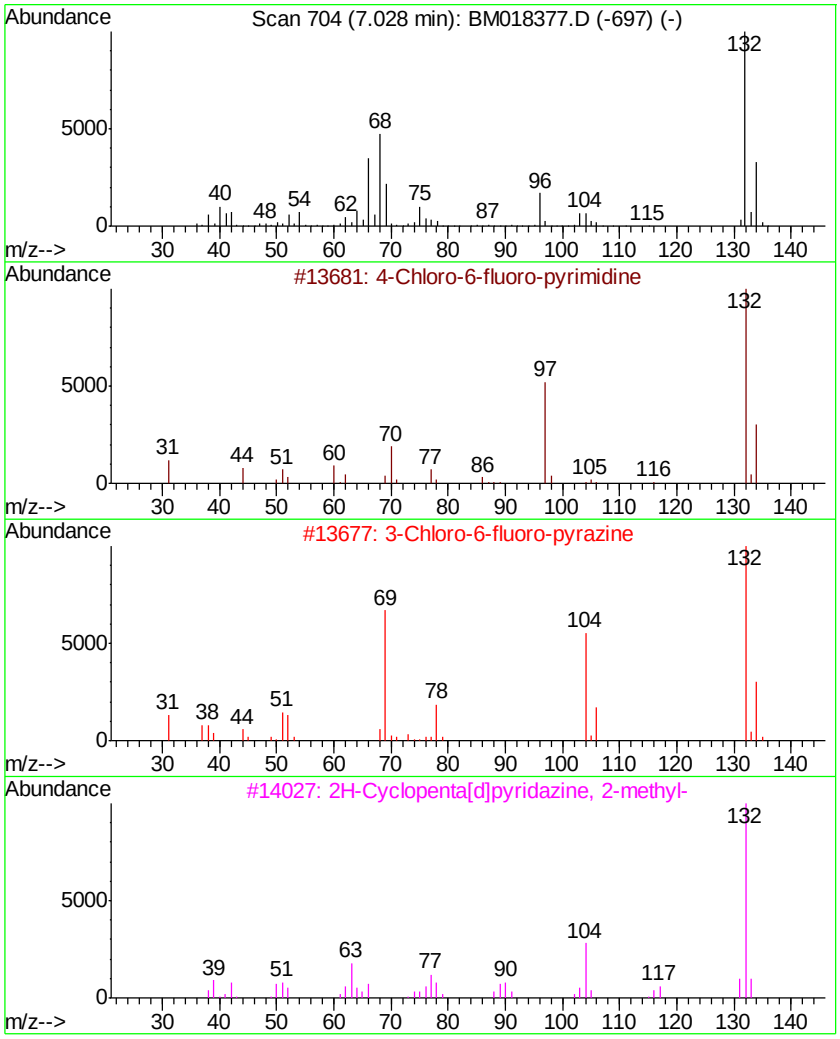
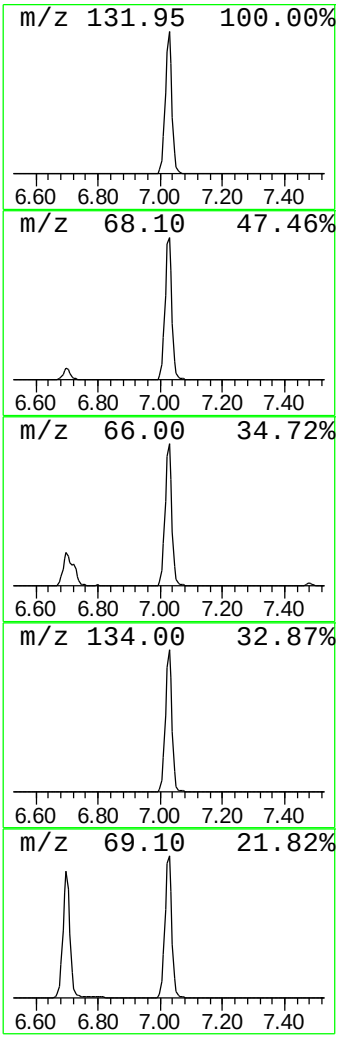
Peak Number 2 unknown7.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	89.81 ng	3583840	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	22





Library Search Compound Report

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Acq On : 22 Dec 2018 03:19
Operator : JU/SJ
Sample : J6505-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-63(0-23)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
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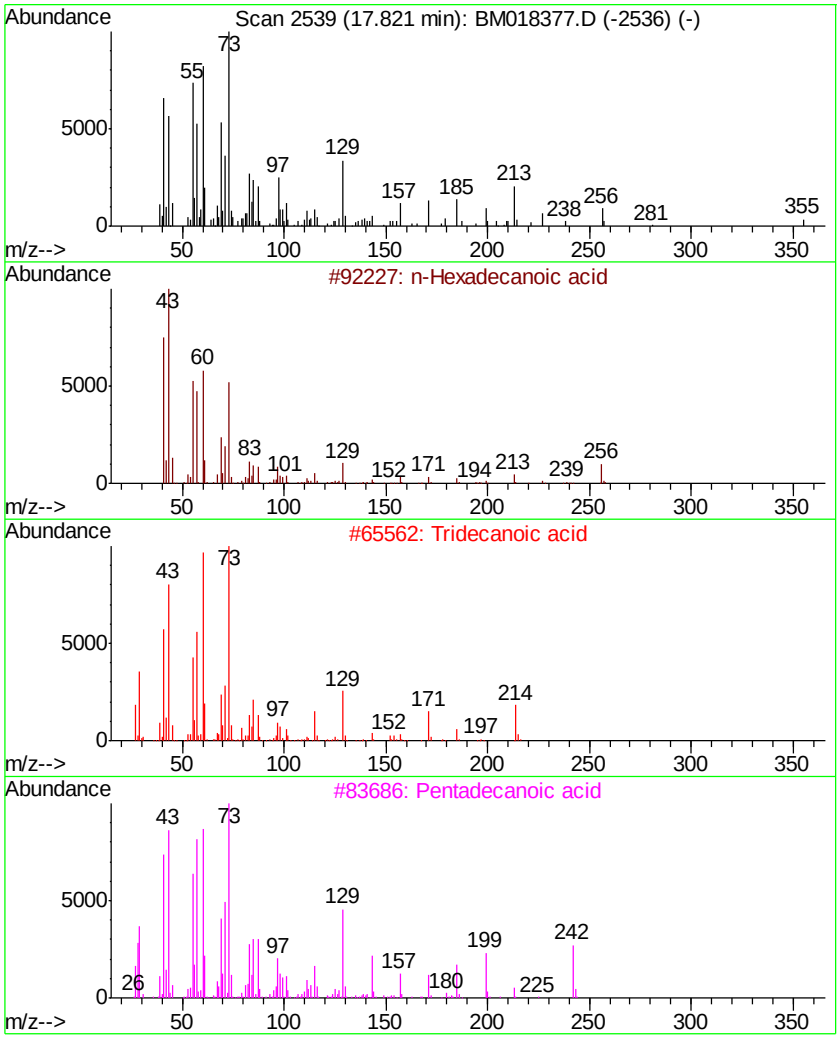
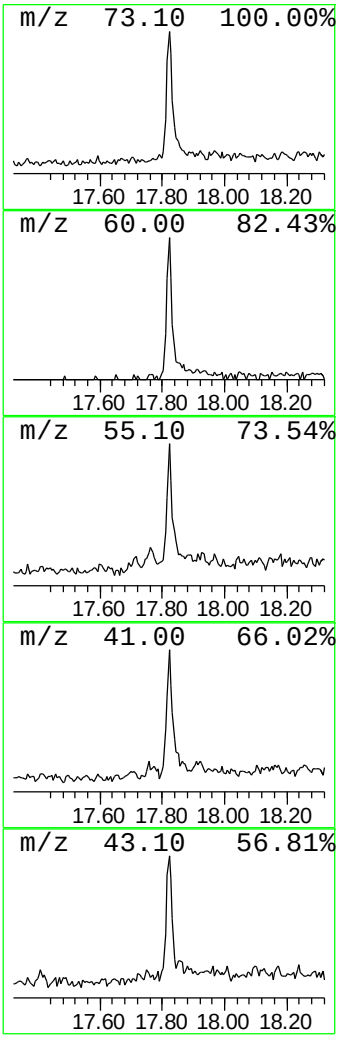
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	3.49 ng	202753	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Nonanoic acid	158	C9H18O2	000112-05-0	50





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-63(0-23)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
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TIC Integration Parameters: LSCINT.P

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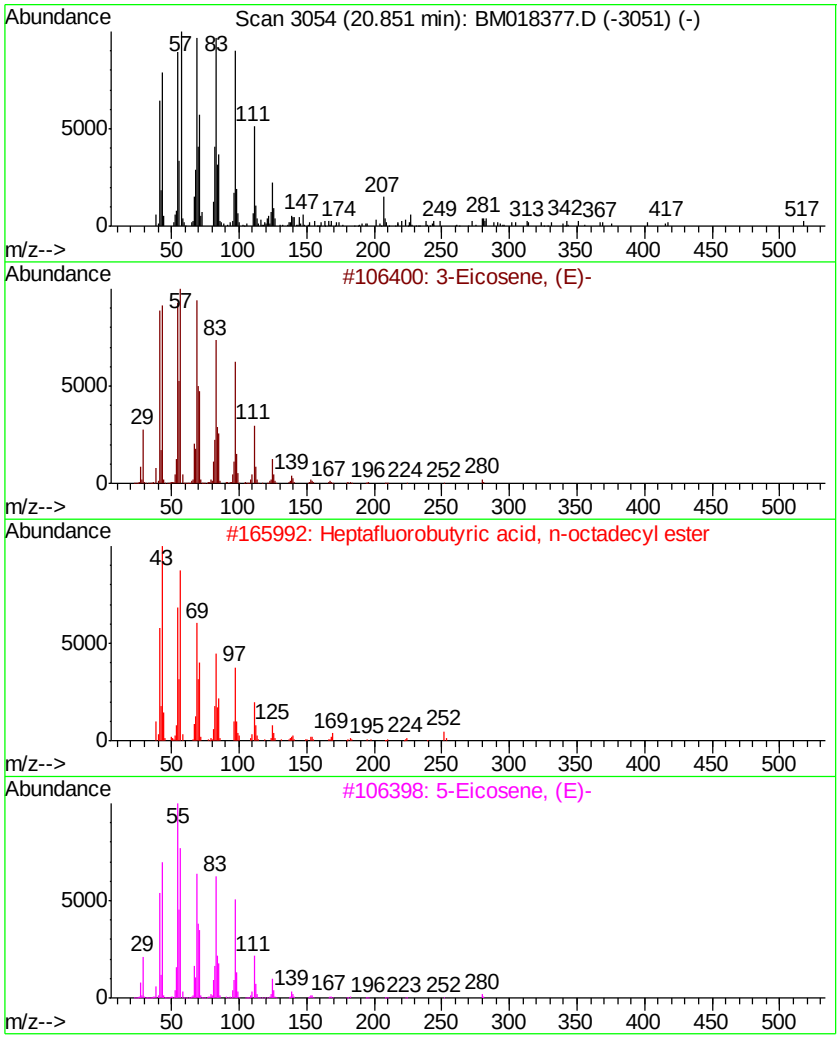
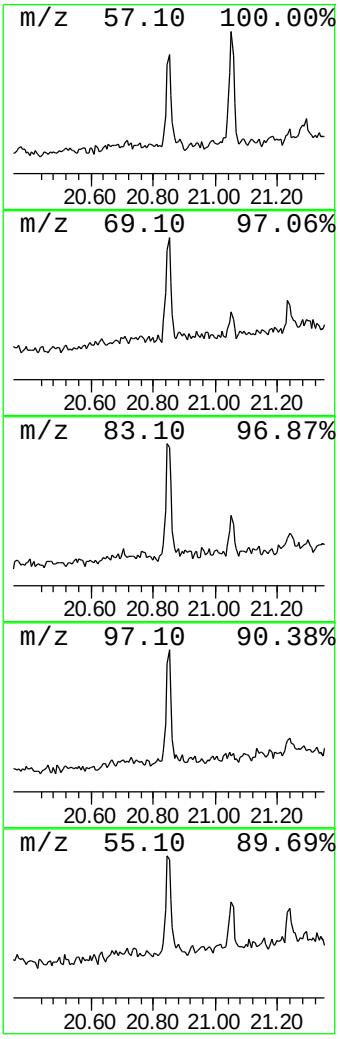
Peak Number 5 3-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	5.75 ng	317272	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
4	Cycloeicosane	280	C20H40	000296-56-0	78
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	76





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown4.68	4.68	2.6	ng	104058	1	7.48	798110	20.0
unknown7.03	7.03	89.8	ng	3583840	1	7.48	798110	20.0
n-Hexadecanoic acid	17.82	3.5	ng	202753	4	16.91	1162750	20.0
3-Eicosene, (E)-	20.85	5.8	ng	317272	5	21.13	1103150	20.0