LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
Data File : BM018861.D
Acq On : 19 Feb 2019 17:48
Operator : JU/SJ
Sample : K1525-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : M-14-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_M\METHODS\8270-BM021119.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	4.857	297	301	310	rBV	308816	422780	2.62%	0.387%
2	5.298	369	376	390	rBV	7471238	10498764	65.02%	9.602%
3	6.881	637	645	660	rBV	6862418	11832572	73.28%	10.822%
4	7.239	698	706	720	rBV	7411909	11521045	71.35%	10.537%
5	7.704	778	785	792	rBV	1257723	1941136	12.02%	1.775%
6	8.022	828	839	850	rBV	5051886	7986244	49.46%	7.304%
7	8.875	976	984	1001	rBV	4025980	6704816	41.53%	6.132%
8	10.492	1250	1259	1273	rBV	1524054	2635473	16.32%	2.410%
9	12.968	1673	1680	1695	rBV	9010509	12978388	80.38%	11.870%
10	13.815	1817	1824	1838	rBV	336518	529126	3.28%	0.484%
11	14.351	1907	1915	1929	rBV2	2136921	3269294	20.25%	2.990%
12	15.851	2159	2170	2194	rBV	7522076	10783182	66.78%	9.862%
13	17.103	2376	2383	2397	rBV	2562610	3704684	22.94%	3.388%
14	17.992	2528	2534	2545	rBV	382848	592091	3.67%	0.542%
15	19.274	2748	2752	2762	rBV2	113734	179664	1.11%	0.164%
16	19.739	2825	2831	2841	rBV	13865481	16146242	100.00%	14.768%
17	20.997	3041	3045	3055	rBV	508739	800214	4.96%	0.732%
18	21.297	3090	3096	3105	rBV	2741724	3561798	22.06%	3.258%
19	22.327	3269	3271	3280	rVB	157224	195969	1.21%	0.179%
20	23.550	3472	3479	3490	rVB2	1547146	3052450	18.91%	2.792%

Sum of corrected areas: 109335932

LSC Report - Integrated Chromatogram

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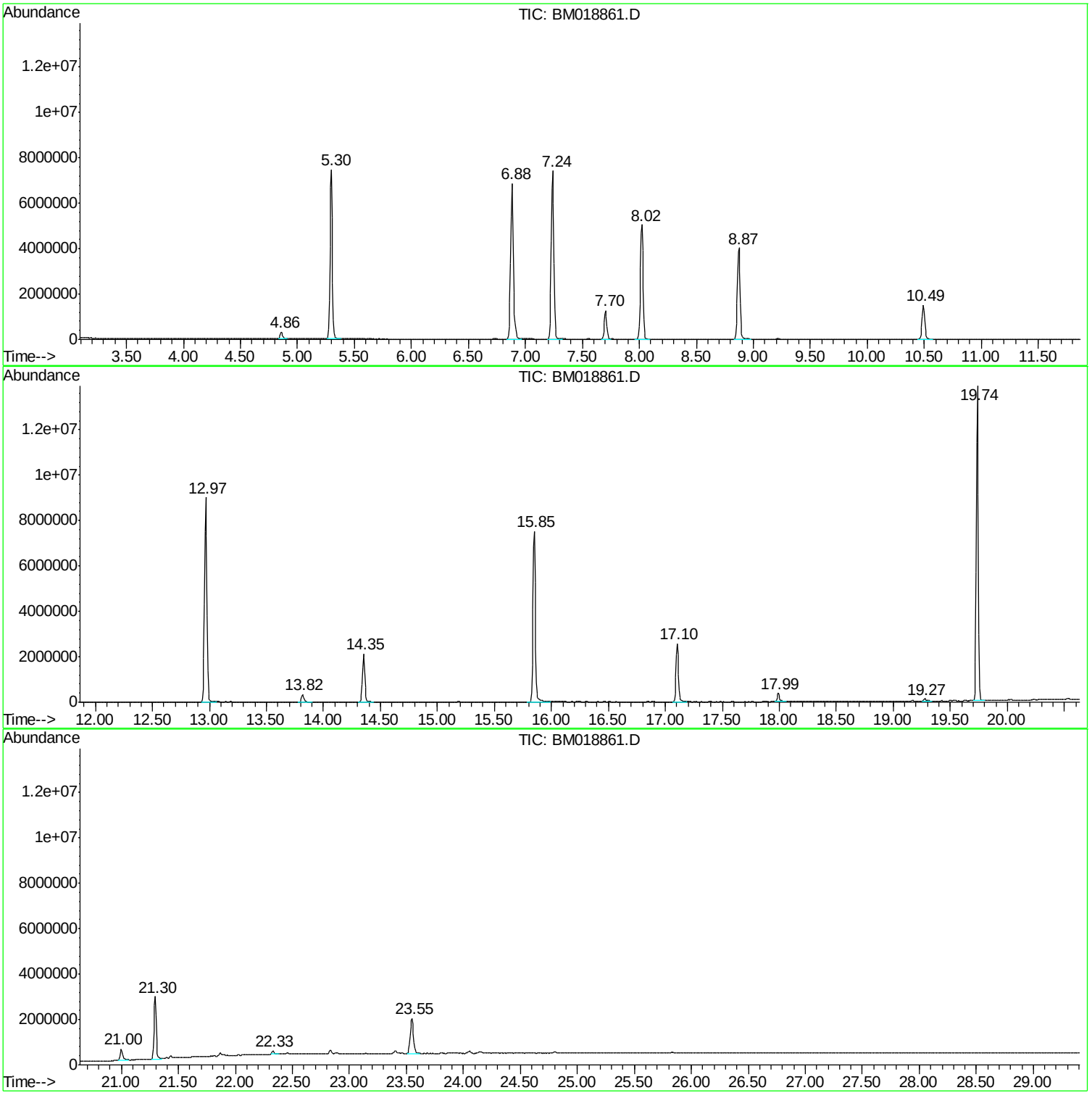
Instrument : BNA_M
ClientSampleId : M-14-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Operator : JU/SJ
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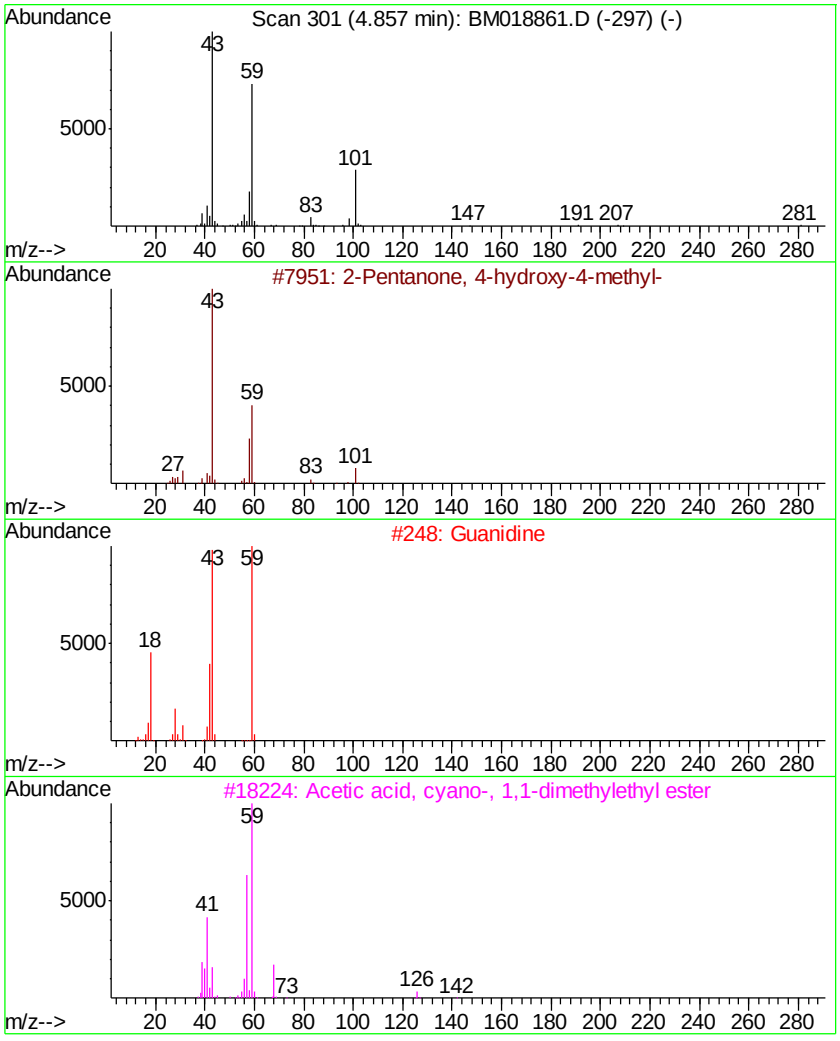
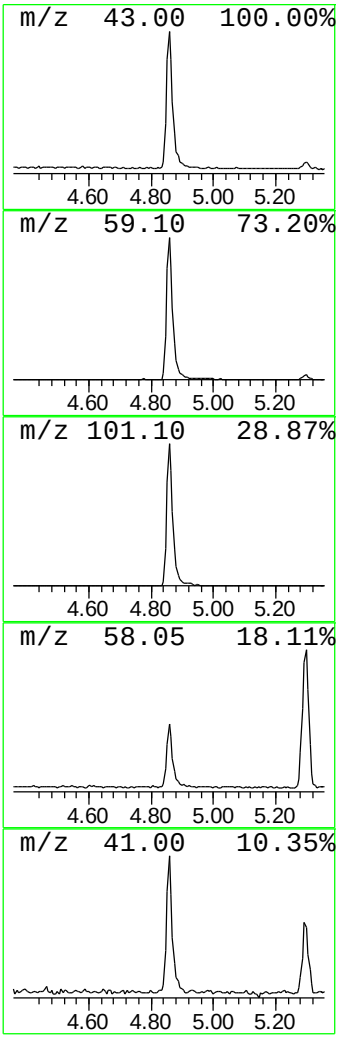
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	4.36 ng	422780	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Guanidine	59	CH5N3	000113-00-8	50
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	38
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	36
5	Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	33





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Instrument : BNA_M
ClientSampleId : M-14-D

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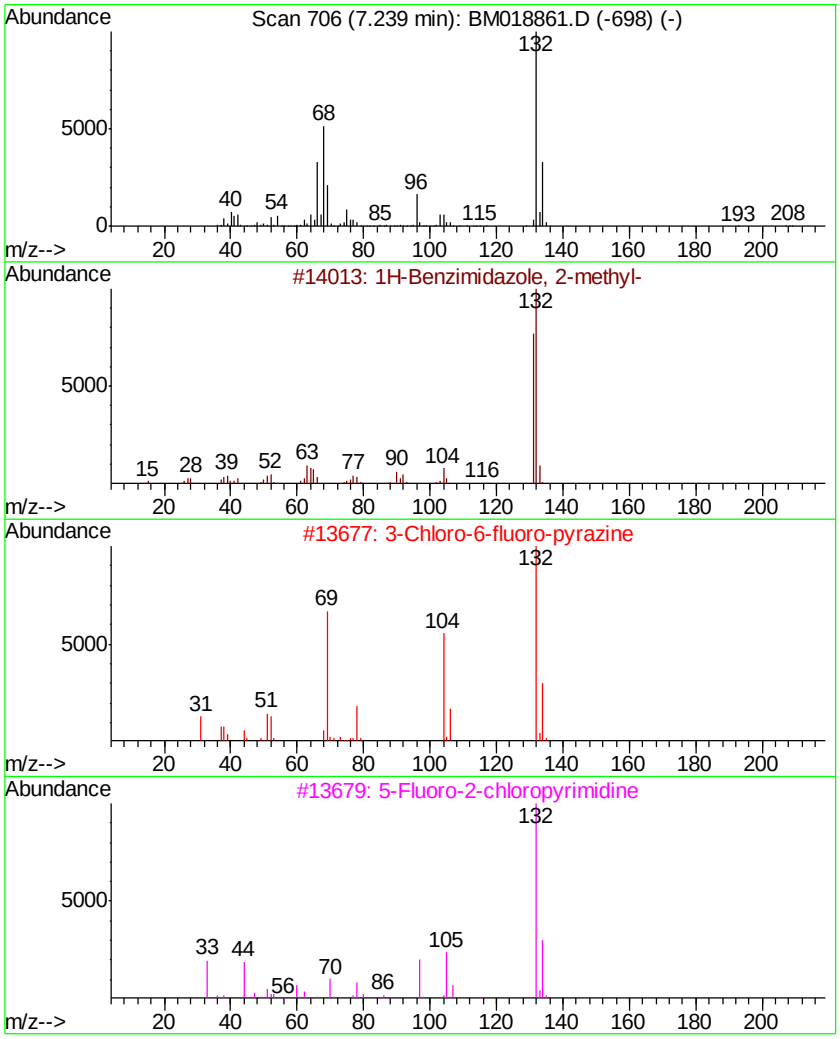
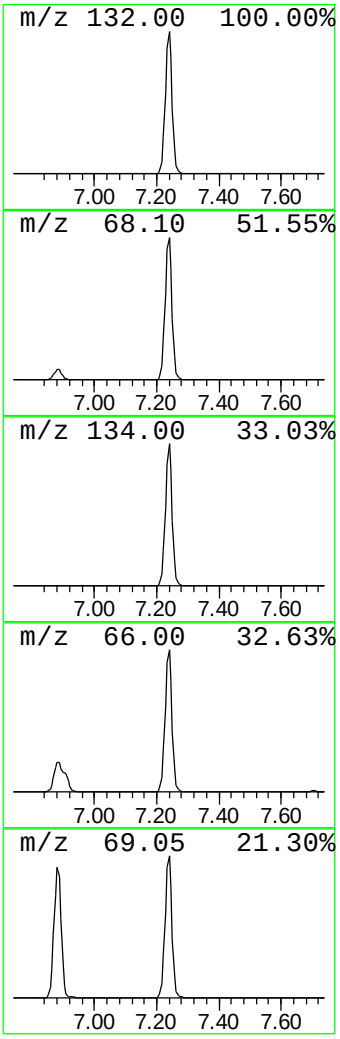
Peak Number 2 unknown7.24 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	118.70 ng	11521000	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10





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Data File : BM018861.D
Acq On : 19 Feb 2019 17:48
Operator : JU/SJ
Sample : K1525-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : M-14-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
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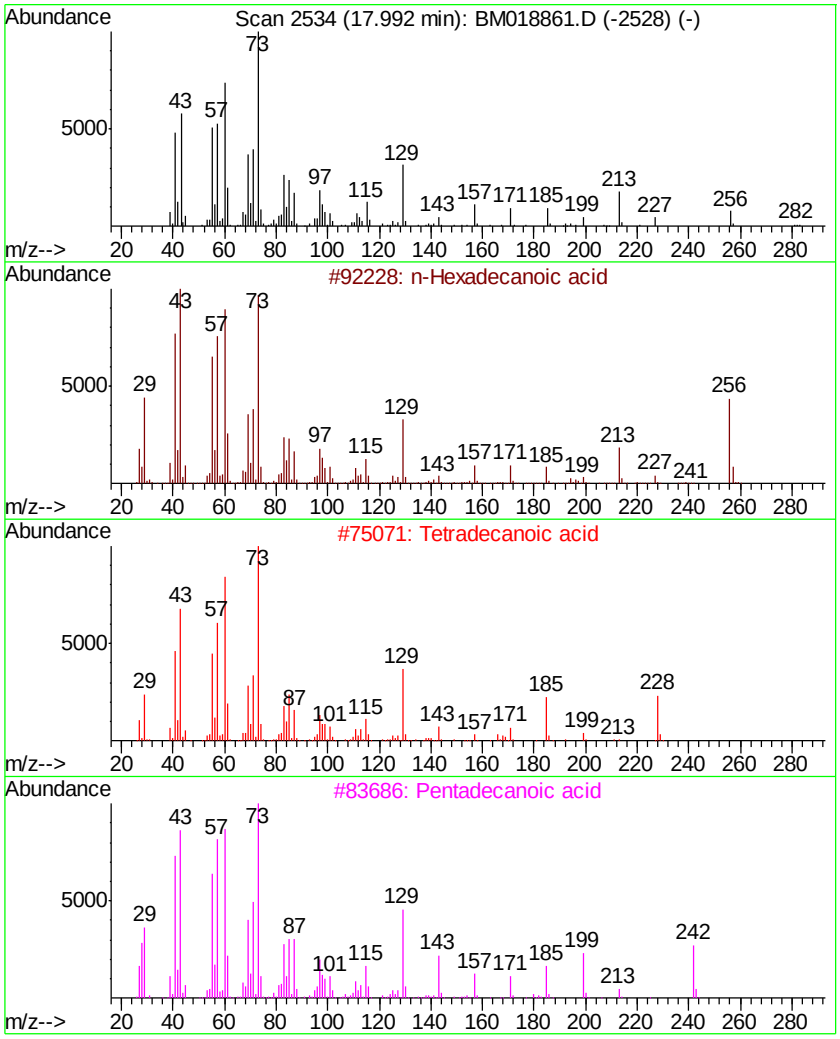
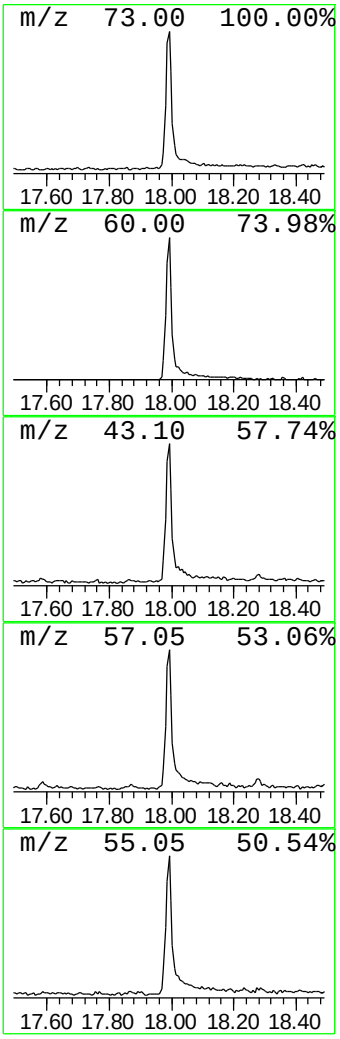
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	3.20 ng	592091	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	59





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Instrument : BNA_M
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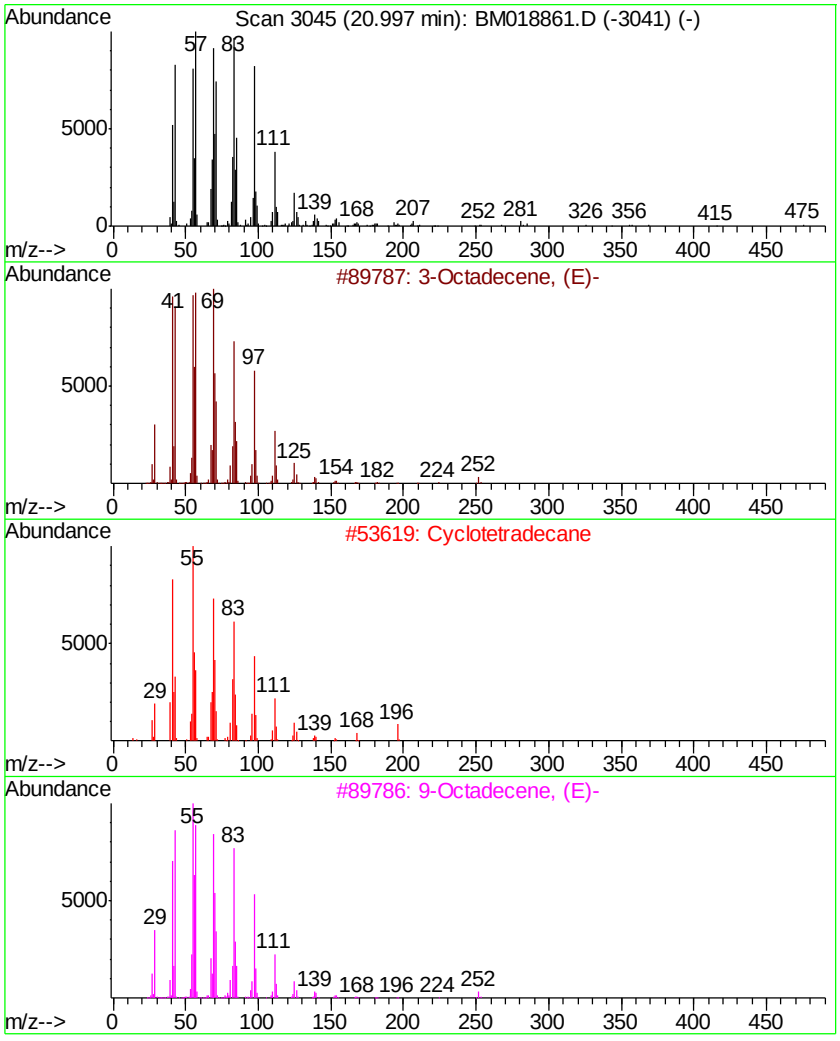
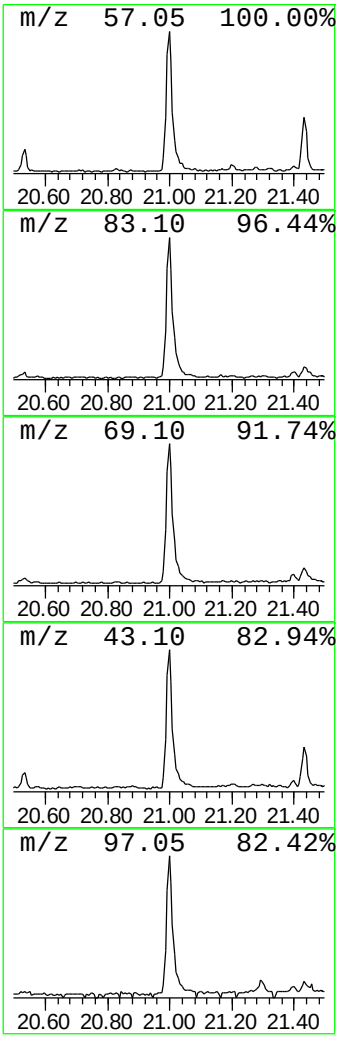
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	4.49 ng	800214	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	93
2	Cyclotetradecane	196	C14H28	000295-17-0	93
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	90
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	87
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83





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
2-Pentanone, 4-hy...	4.86	4.4	ng	422780	1	7.70	1941140	20.0
unknown7.24	7.24	118.7	ng	11521000	1	7.70	1941140	20.0
n-Hexadecanoic acid	17.99	3.2	ng	592091	4	17.10	3704680	20.0
3-Octadecene, (E)-	21.00	4.5	ng	800214	5	21.30	3561800	20.0