LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018736.D
Acq On : 07 Feb 2019 14:17
Operator : JU/SJ
Sample : K1401-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR-200052

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-BM010919.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	4.863	298	302	312	rBV	188665	269046	2.96%	0.402%
2	5.304	371	377	397	rBV	4138153	5889637	64.88%	8.809%
3	6.893	639	647	666	rBV	3880285	6486251	71.45%	9.701%
4	7.251	700	708	722	rBV	4287817	6700495	73.81%	10.022%
5	7.716	780	787	796	rBV	887391	1392725	15.34%	2.083%
6	8.034	830	841	852	rBV	3233500	5133212	56.55%	7.677%
7	8.881	978	985	1001	rBV	2264155	3808807	41.96%	5.697%
8	10.504	1253	1261	1274	rBV	1025789	1719775	18.95%	2.572%
9	12.980	1675	1682	1702	rBV	4982557	7316575	80.60%	10.943%
10	13.827	1821	1826	1839	rBV	294610	460038	5.07%	0.688%
11	14.369	1911	1918	1928	rBV2	1303139	2036747	22.44%	3.046%
12	15.863	2165	2172	2193	rBV	4032739	5854815	64.50%	8.757%
13	17.115	2379	2385	2398	rBV2	1684096	2427712	26.74%	3.631%
14	18.004	2530	2536	2547	rBV	275406	441295	4.86%	0.660%
15	19.286	2750	2754	2763	rBV2	95844	145889	1.61%	0.218%
16	19.745	2827	2832	2844	rBV	7261058	9077629	100.00%	13.577%
17	21.009	3043	3047	3053	rBV	323884	439254	4.84%	0.657%
18	21.309	3092	3098	3108	rBV	2430285	3140601	34.60%	4.697%
19	21.880	3192	3195	3199	rBV	122630	145212	1.60%	0.217%
20	22.345	3271	3274	3279	rVB	155531	186419	2.05%	0.279%
21	22.474	3292	3296	3300	rBV	368297	479055	5.28%	0.716%
22	22.856	3358	3361	3367	rVB2	153635	213135	2.35%	0.319%
23	23.568	3476	3482	3491	rVB	1639225	3096696	34.11%	4.632%

Sum of corrected areas: 66861020

LSC Report - Integrated Chromatogram

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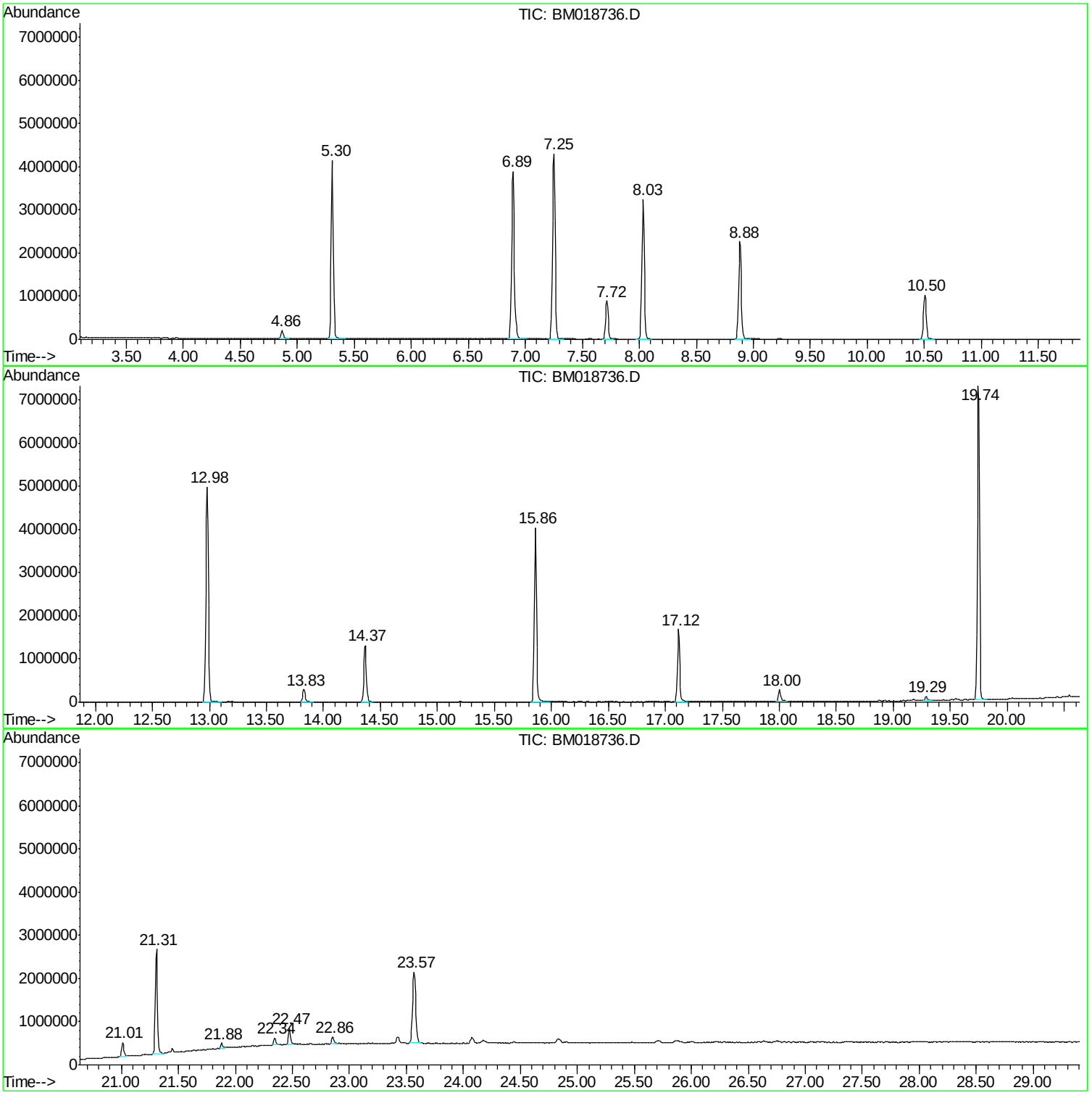
ClientSampleId : RBR-200052

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.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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TIC Library : C:\DATABASE\NIST02.L
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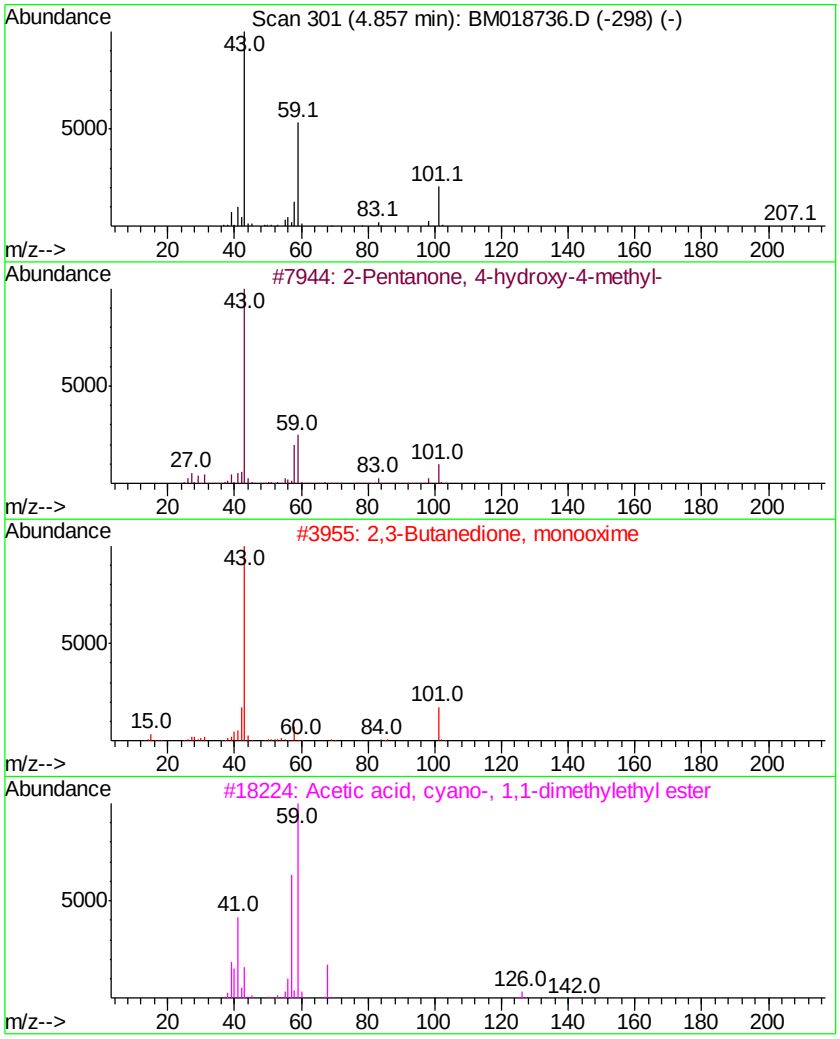
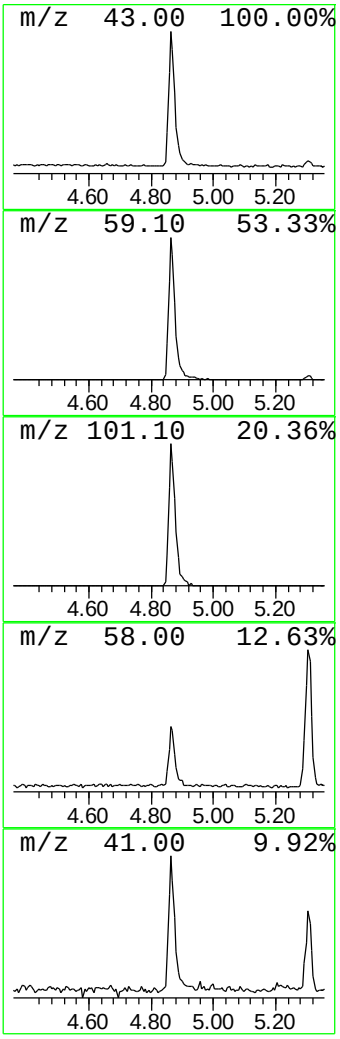
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	3.86 ng	269046	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
5	Butane	58	C4H10	000106-97-8	9





Library Search Compound Report

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Sample : K1401-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR-200052

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.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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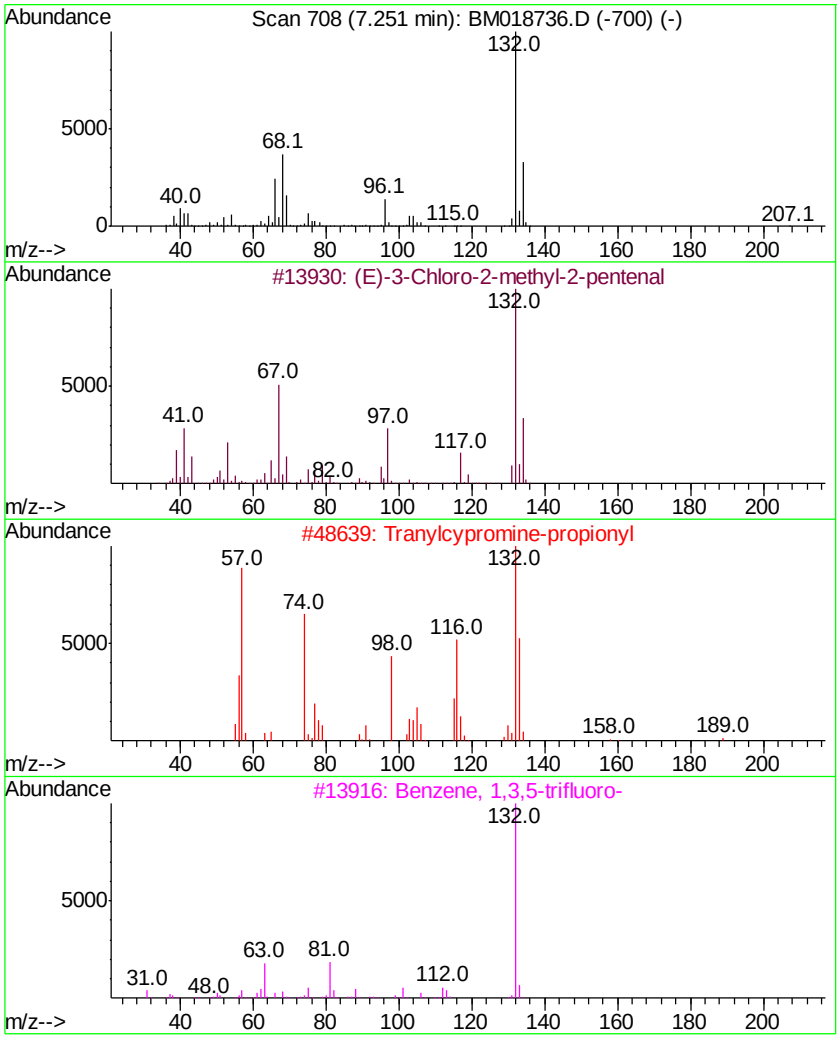
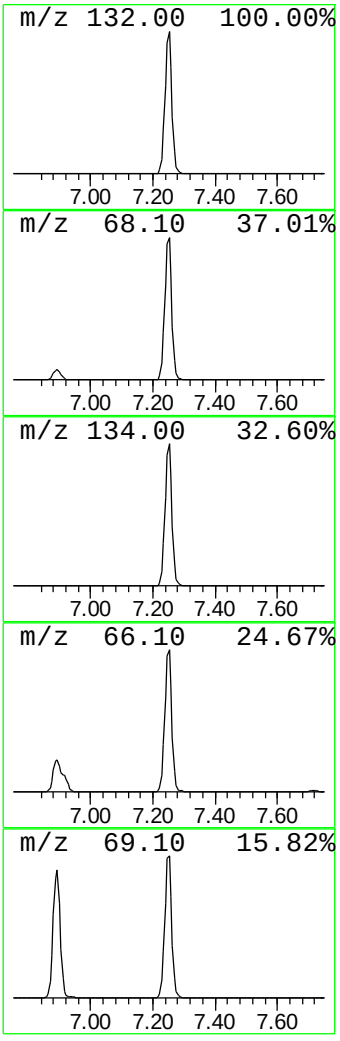
Peak Number 2 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	96.22 ng	6700500	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR-200052

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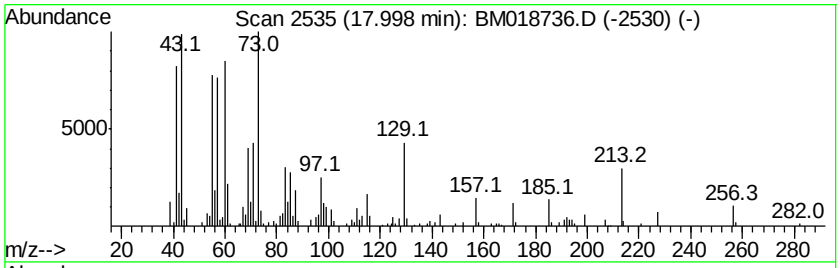
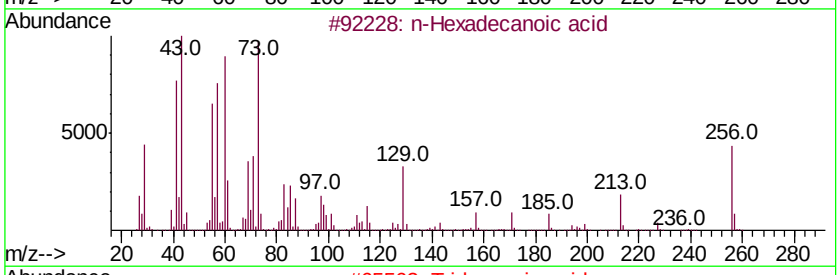
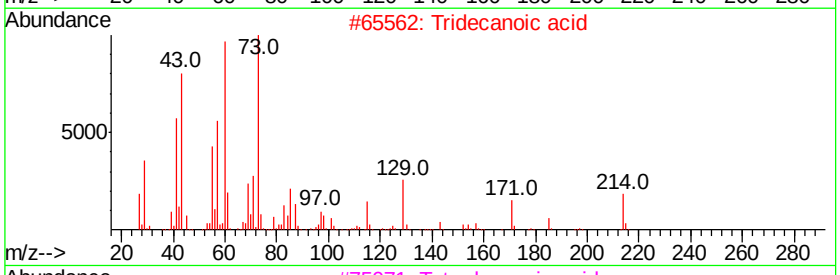
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

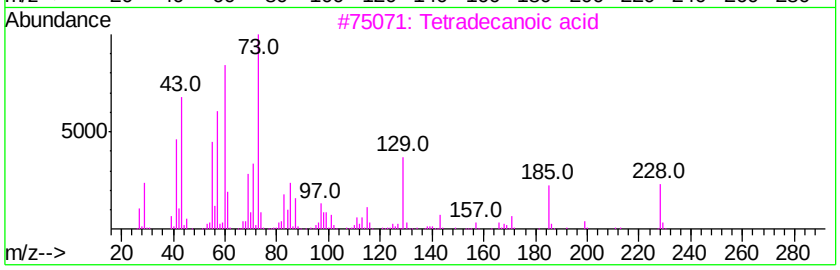
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	3.64 ng	441295	Phenanthrene-d10	17.12

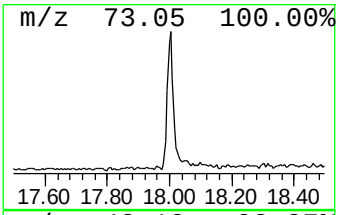
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53

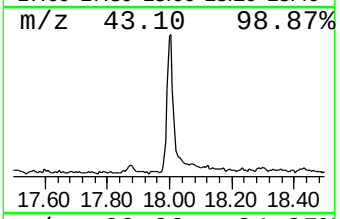


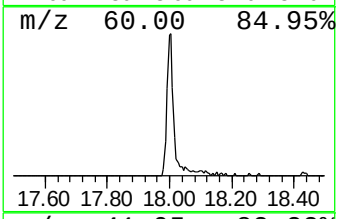


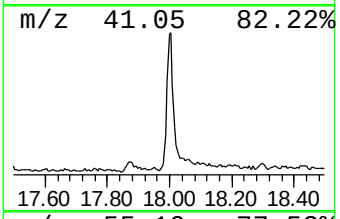


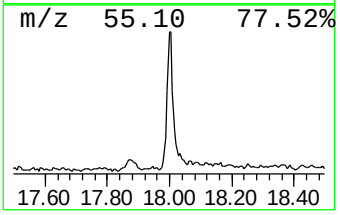












Library Search Compound Report

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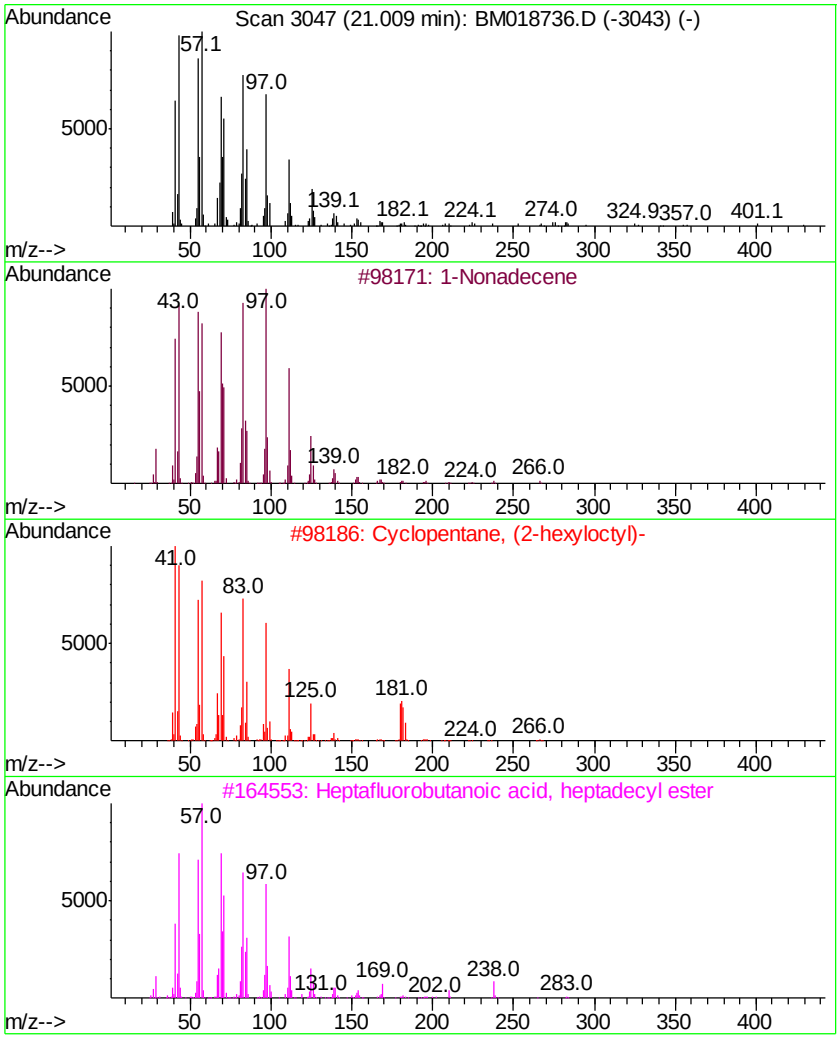
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

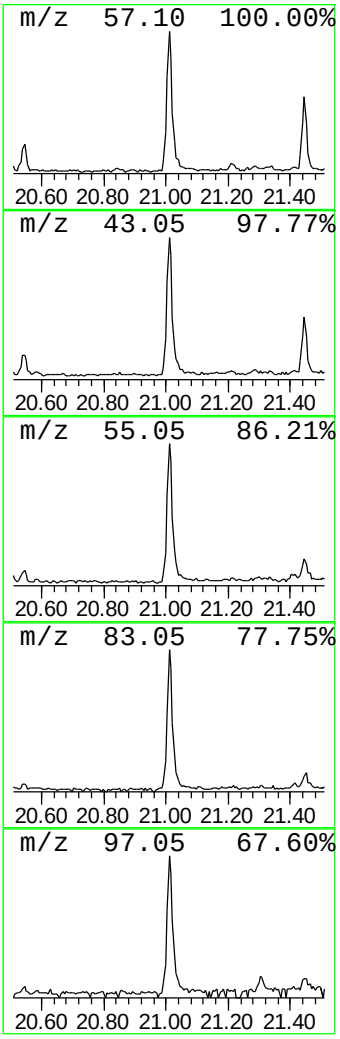
****

Peak Number 5 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	2.80 ng	439254	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	Cyclopentane, (2-hexyloctyl)-	266	C19H38	055044-77-4	93
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5	1-Tricosene	322	C23H46	018835-32-0	91





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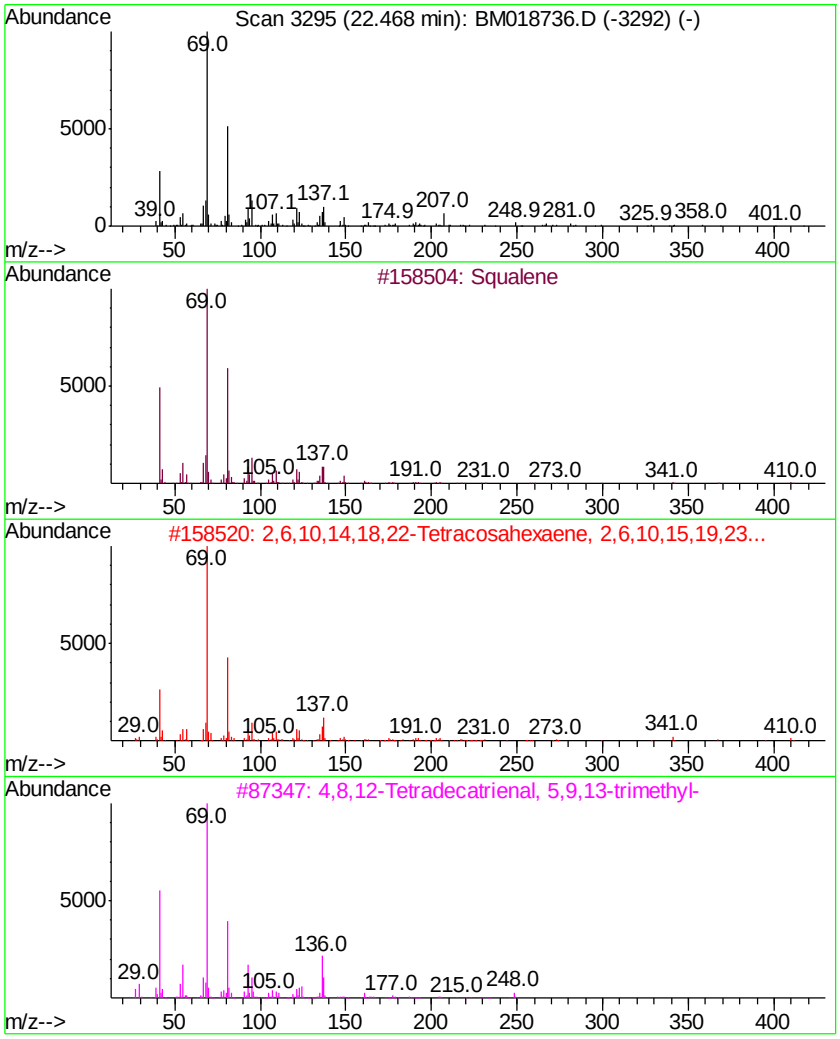
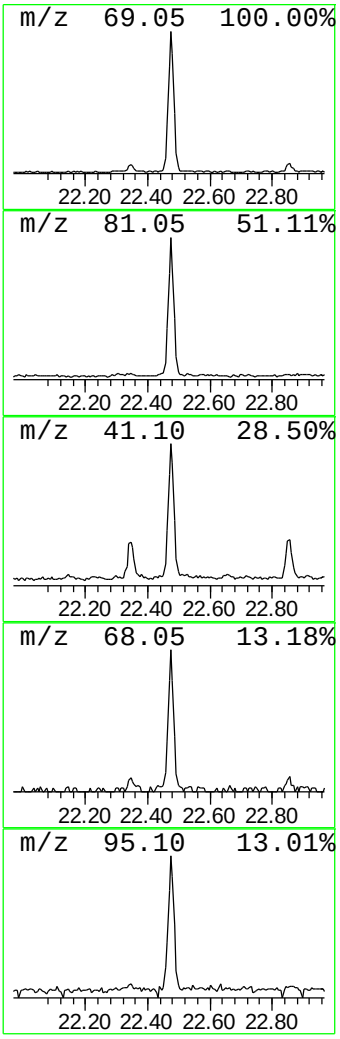
****

Peak Number 6 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	3.09 ng	479055	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	90
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	74
3	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
4	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52
5	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	50





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.86	3.9	ng	269046	1	7.72	1392730	20.0
unknown7.25	7.25	96.2	ng	6700500	1	7.72	1392730	20.0
n-Hexadecanoic acid	18.00	3.6	ng	441295	4	17.12	2427710	20.0
1-Nonadecene	21.01	2.8	ng	439254	5	21.31	3140600	20.0
Squalene	22.47	3.1	ng	479055	6	23.57	3096700	20.0