LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018737.D
Acq On : 07 Feb 2019 14:53
Operator : JU/SJ
Sample : K1389-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : M-5-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-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	296	302	314	rBV	230809	344526	2.49%	0.419%
2	5.304	371	377	396	rBV	4813784	7078546	51.22%	8.605%
3	6.893	639	647	663	rBV	4700466	7580448	54.85%	9.215%
4	7.251	699	708	720	rBV	5146888	8082667	58.48%	9.825%
5	7.716	781	787	795	rBV	901520	1385015	10.02%	1.684%
6	8.034	833	841	851	rBV	3973639	6231063	45.08%	7.575%
7	8.881	976	985	996	rBV	2767535	4613503	33.38%	5.608%
8	10.504	1254	1261	1272	rBV	1037824	1750131	12.66%	2.127%
9	12.980	1675	1682	1696	rBV	6784250	9702587	70.20%	11.795%
10	13.827	1820	1826	1840	rBV	324811	517122	3.74%	0.629%
11	14.363	1910	1917	1931	rBV2	1355985	2129695	15.41%	2.589%
12	15.863	2165	2172	2190	rBV	5255136	7809057	56.50%	9.493%
13	17.115	2379	2385	2397	rBV	1791419	2531057	18.31%	3.077%
14	17.998	2531	2535	2546	rBV	304774	469521	3.40%	0.571%
15	19.286	2749	2754	2762	rBV2	93637	144122	1.04%	0.175%
16	19.751	2827	2833	2841	rBV	11262643	13820908	100.00%	16.801%
17	21.009	3043	3047	3056	rBV	423401	620054	4.49%	0.754%
18	21.309	3092	3098	3107	rBV	2494374	3212461	23.24%	3.905%
19	21.880	3192	3195	3198	rBV	138104	151134	1.09%	0.184%
20	22.344	3271	3274	3278	rBV2	155977	187417	1.36%	0.228%
21	22.474	3292	3296	3302	rVB	486096	580720	4.20%	0.706%
22	22.856	3358	3361	3365	rVB	163955	191993	1.39%	0.233%
23	23.568	3476	3482	3494	rVB	1623338	3129242	22.64%	3.804%

Sum of corrected areas: 82262989

LSC Report - Integrated Chromatogram

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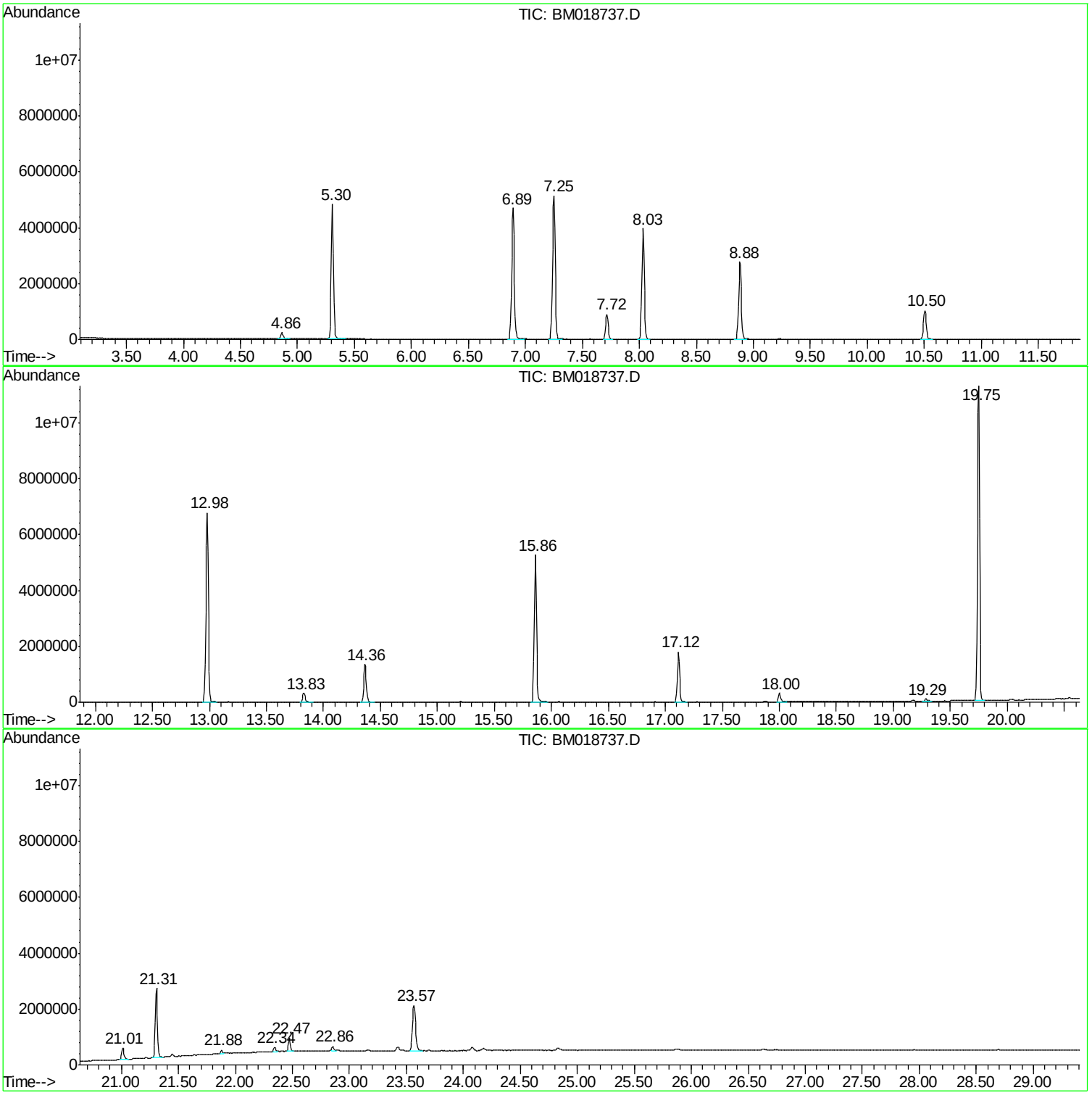
Instrument : BNA_M
ClientSampleId : M-5-D

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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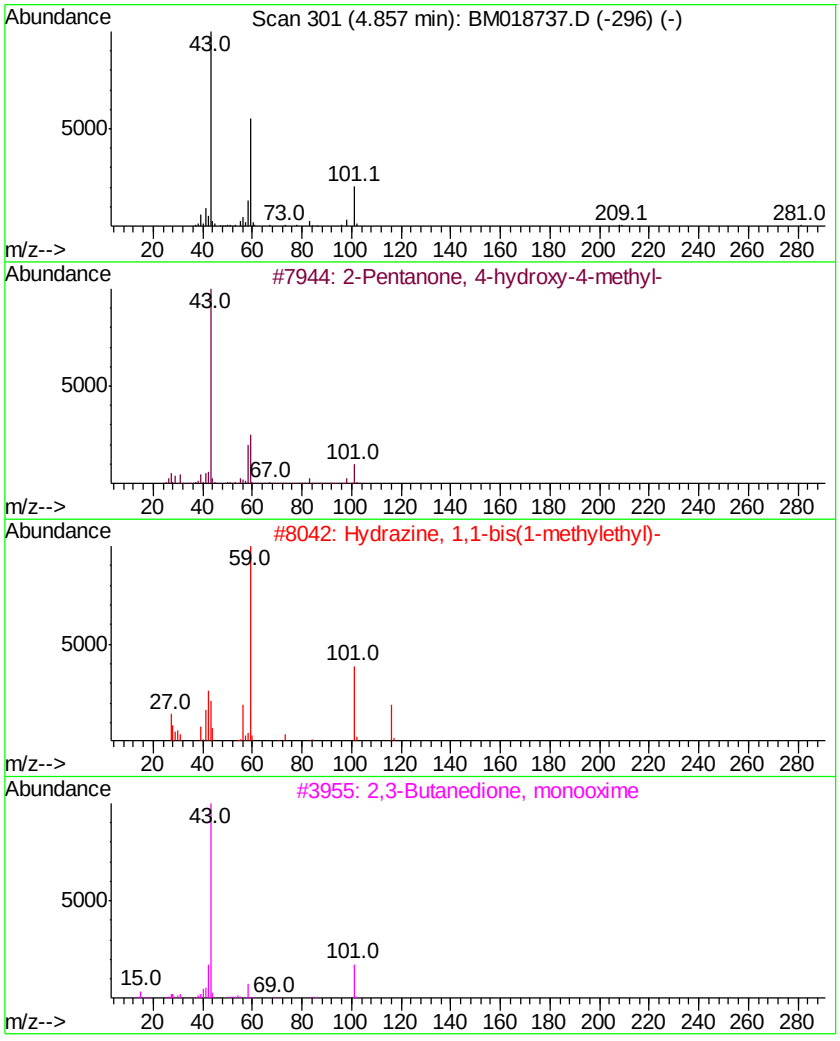
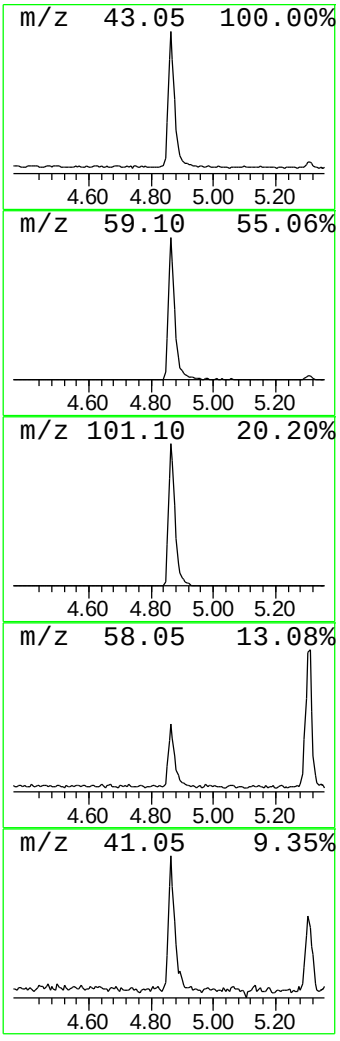
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	4.98 ng	344526	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	64
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	40
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

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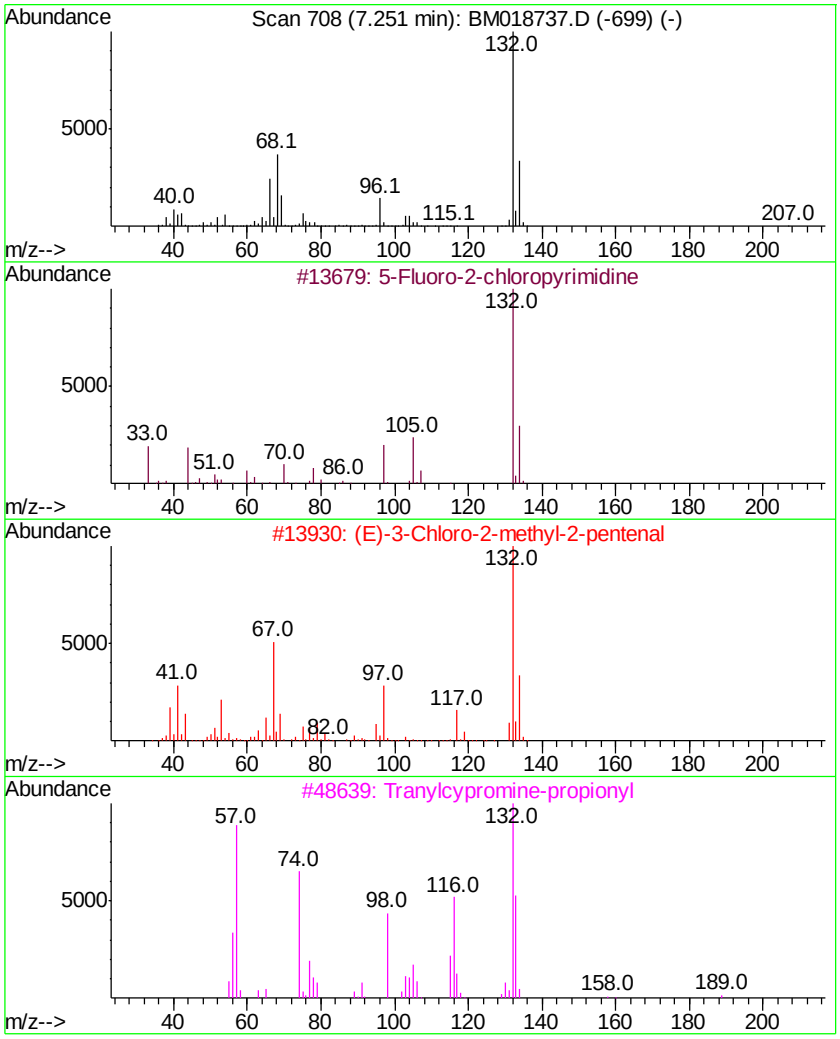
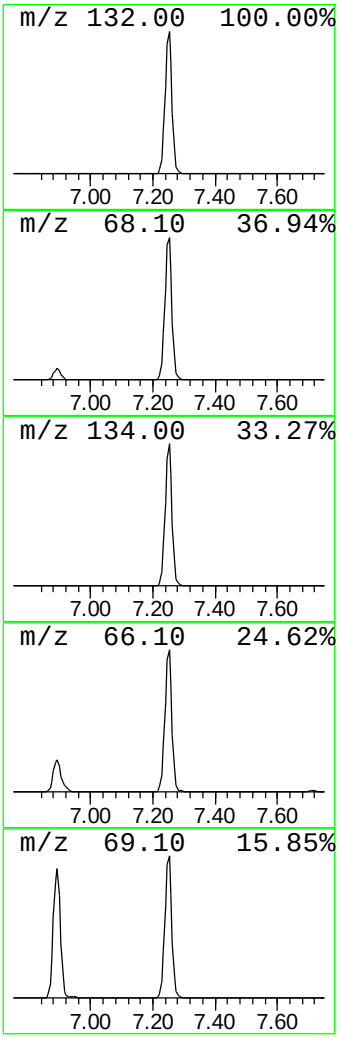
****

Peak Number 2 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	116.72 ng	8082670	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : M-5-D

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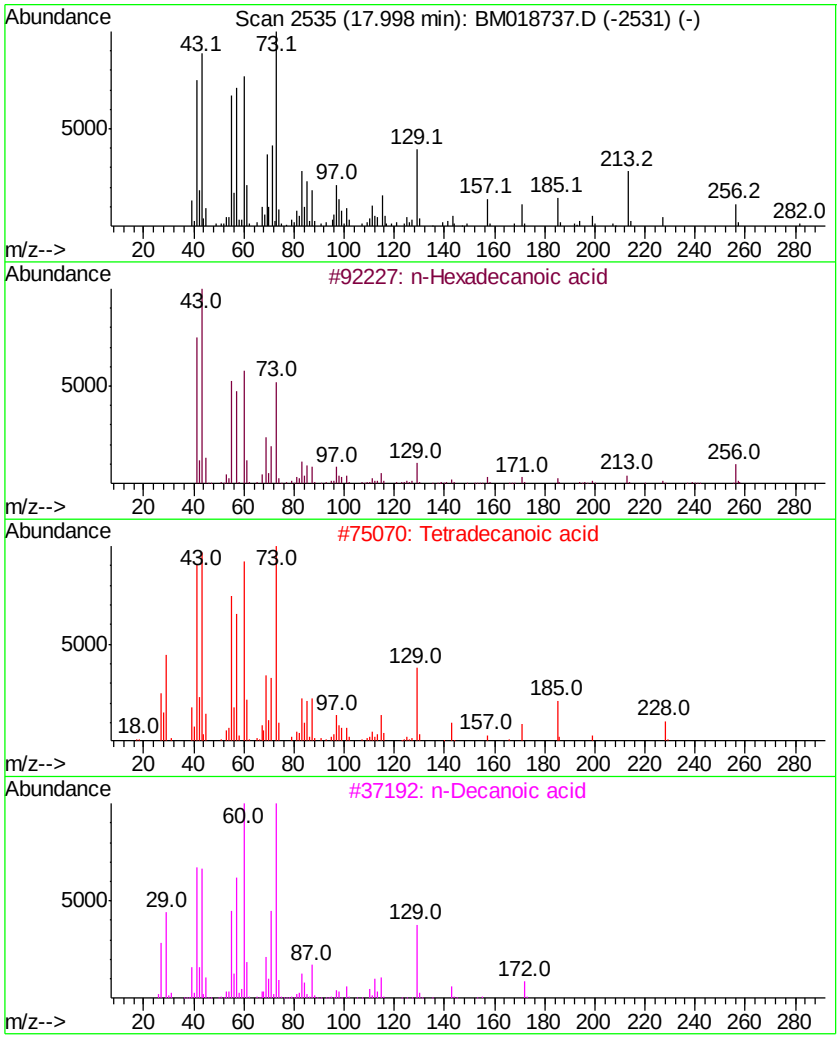
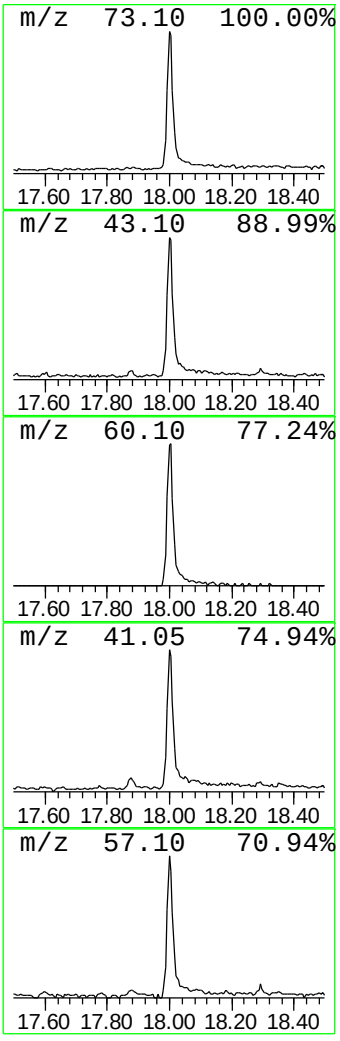
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	3.71 ng	469521	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	60





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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
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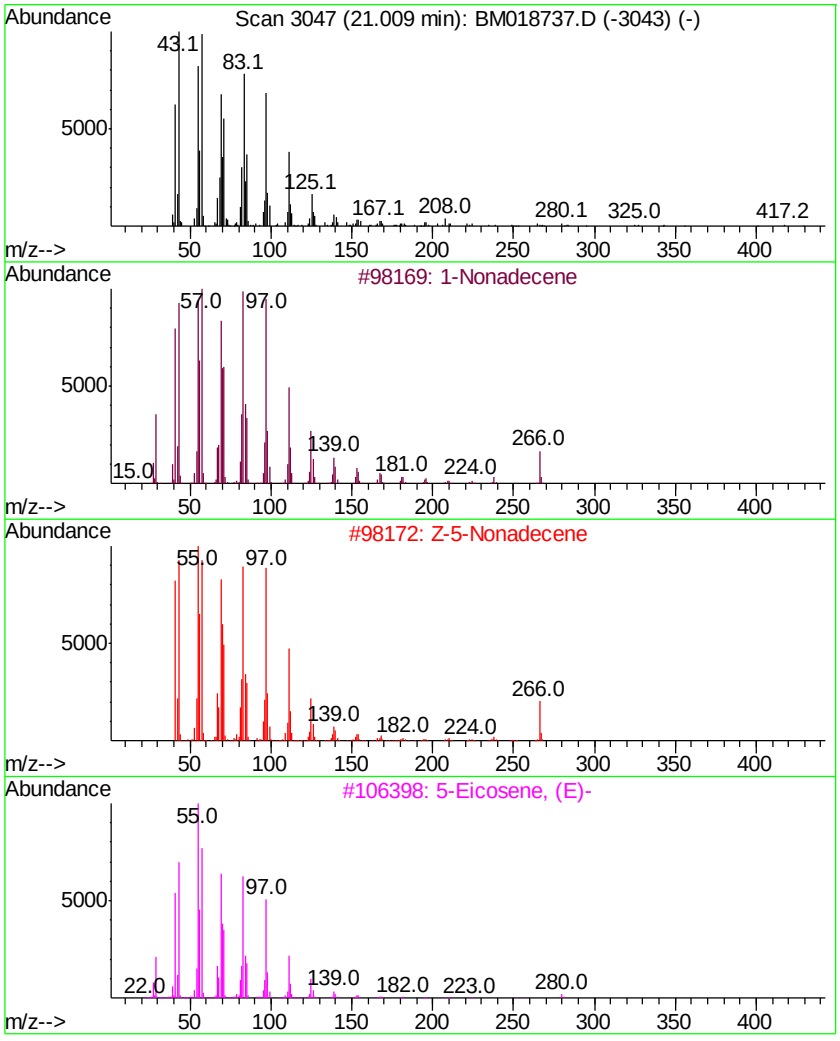
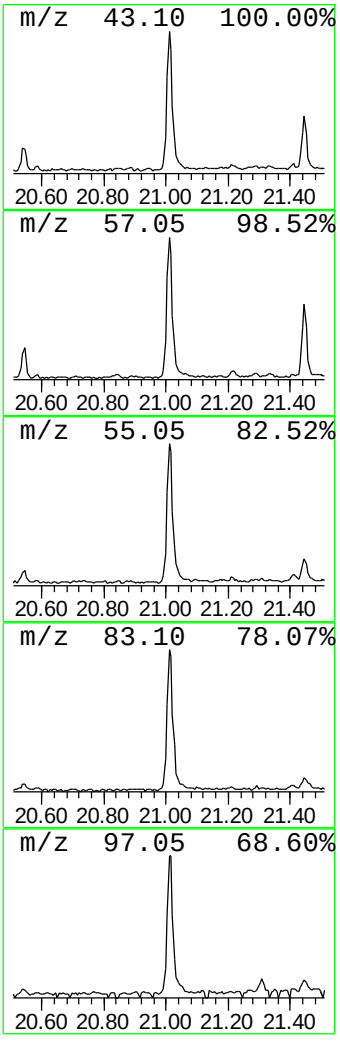
****

Peak Number 5 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	3.86 ng	620054	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	98
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	94





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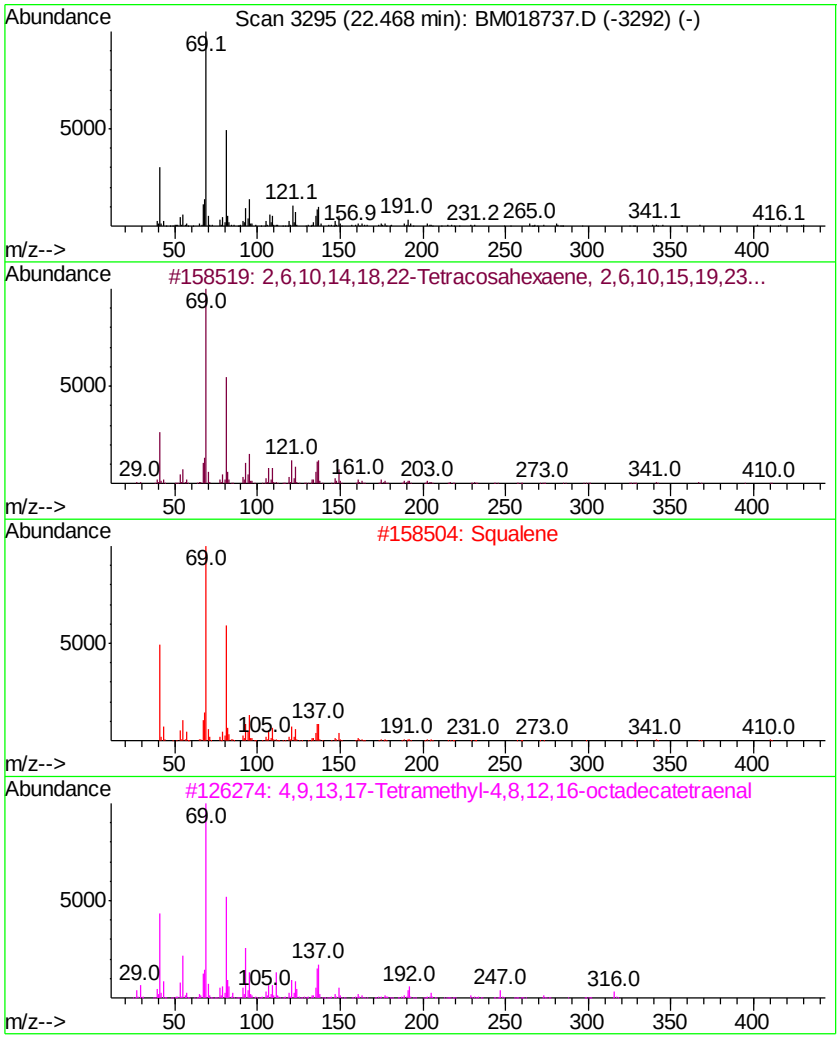
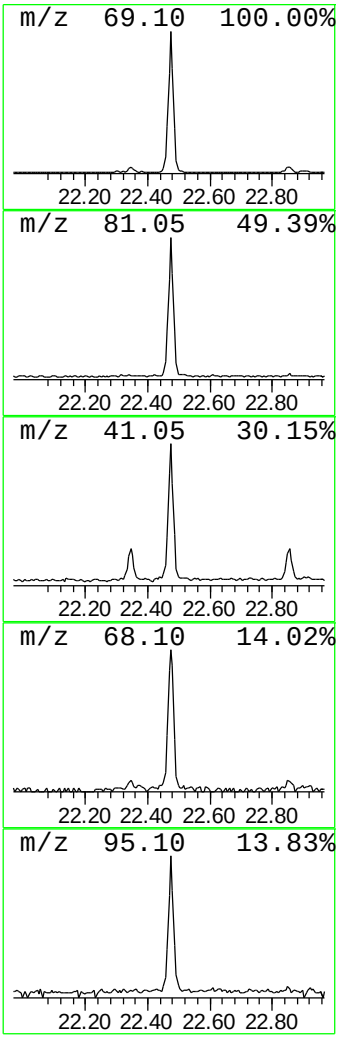
****

Peak Number 6 2,6,10,14,18,22-Tetracosahe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	3.71 ng	580720	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90
2	Squalene	410	C30H50	007683-64-9	90
3	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	78
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.86	5.0	ng	344526	1	7.72	1385020	20.0
unknown7.25	7.25	116.7	ng	8082670	1	7.72	1385020	20.0
n-Hexadecanoic acid	18.00	3.7	ng	469521	4	17.12	2531060	20.0
1-Nonadecene	21.01	3.9	ng	620054	5	21.31	3212460	20.0
2,6,10,14,18,22-T...	22.47	3.7	ng	580720	6	23.57	3129240	20.0