LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121818\
Data File : BM018283.D
Acq On : 18 Dec 2018 22:24
Operator : JU/SJ
Sample : J6346-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DW-8

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	4.681	301	305	314	rBV	87713	117157	2.65%	0.323%
2	5.122	374	380	397	rBV	2548209	3500033	79.19%	9.662%
3	6.693	639	647	663	rBV	2256715	3811708	86.24%	10.522%
4	7.028	697	704	717	rBV	2537974	3866565	87.48%	10.674%
5	7.487	776	782	791	rBV	567838	880623	19.92%	2.431%
6	7.798	828	835	846	rBV	1842089	2891026	65.41%	7.981%
7	8.645	971	979	999	rBV	1298597	2238193	50.64%	6.179%
8	10.251	1245	1252	1268	rBV	587973	1079795	24.43%	2.981%
9	12.751	1670	1677	1691	rBV	3050220	4419762	100.00%	12.201%
10	13.621	1817	1825	1837	rBV	128708	228508	5.17%	0.631%
11	14.145	1908	1914	1925	rBV2	746484	1169653	26.46%	3.229%
12	15.651	2164	2170	2180	rBV	1709221	2686469	60.78%	7.416%
13	16.910	2378	2384	2400	rBV	769184	1193976	27.01%	3.296%
14	17.821	2533	2539	2549	rBV	173494	261635	5.92%	0.722%
15	18.986	2731	2737	2742	rBV	57142	95811	2.17%	0.264%
16	19.115	2755	2759	2766	rBV2	96974	150342	3.40%	0.415%
17	19.351	2795	2799	2803	rBV	46614	58866	1.33%	0.163%
18	19.562	2829	2835	2845	rBV	3593966	4378618	99.07%	12.087%
19	20.850	3050	3054	3062	rBV	164230	238935	5.41%	0.660%
20	21.056	3086	3089	3093	rBV3	28137	47147	1.07%	0.130%
21	21.133	3096	3102	3107	rBV	1035683	1452073	32.85%	4.008%
22	23.286	3462	3468	3476	rVB	794987	1458236	32.99%	4.025%

Sum of corrected areas: 36225131

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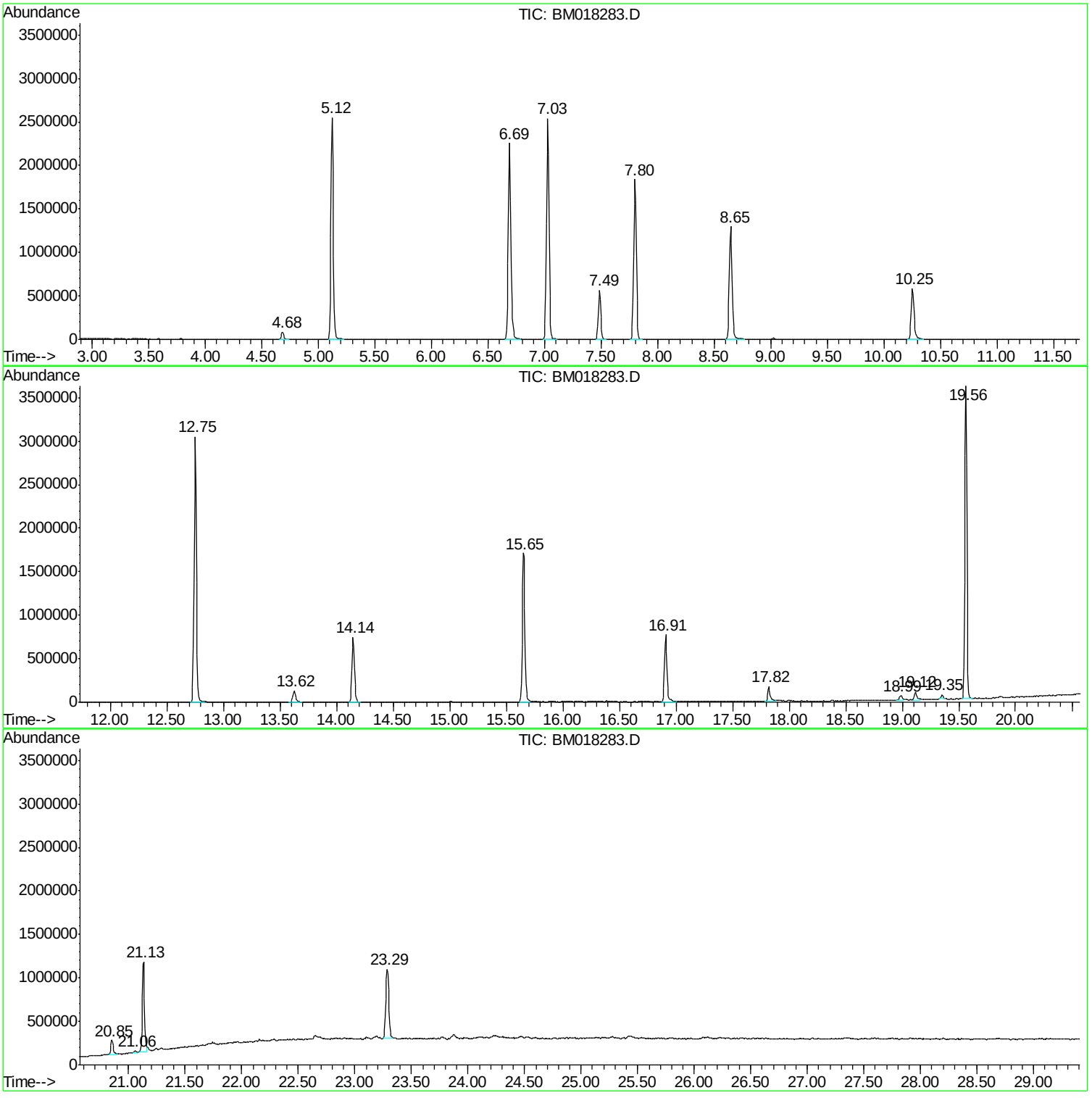
DW-8

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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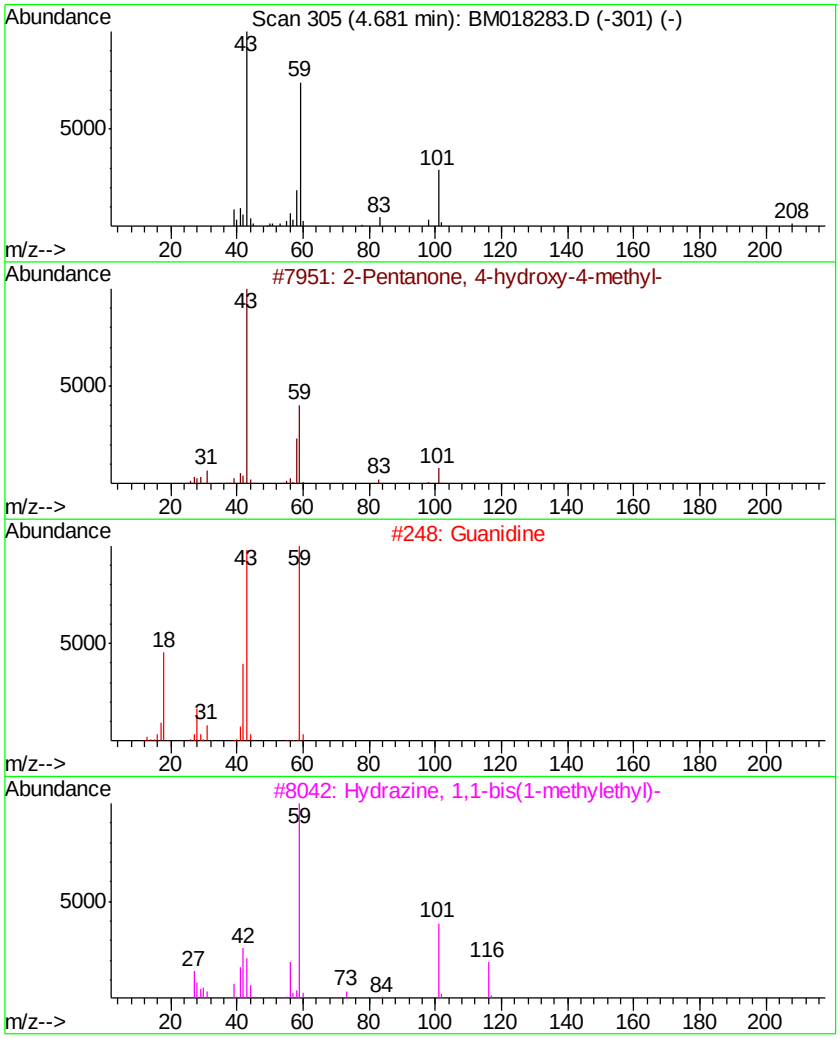
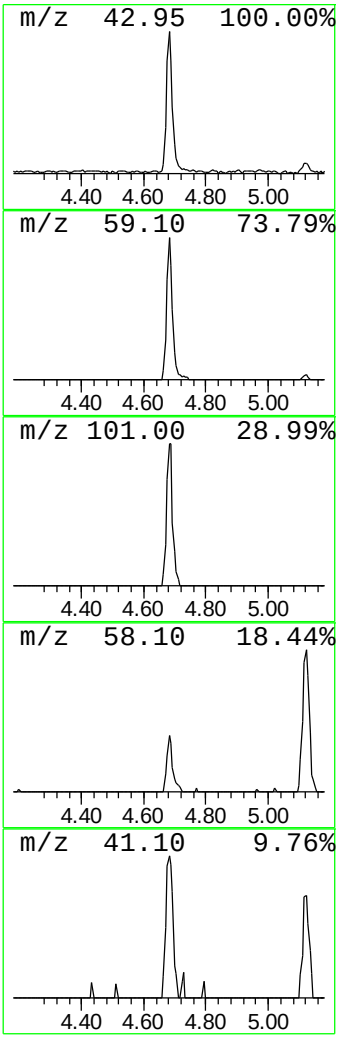
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	2.66 ng	117157	1,4-Dichlorobenzene-d4	7.49

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	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
4	1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	33
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	27





Library Search Compound Report

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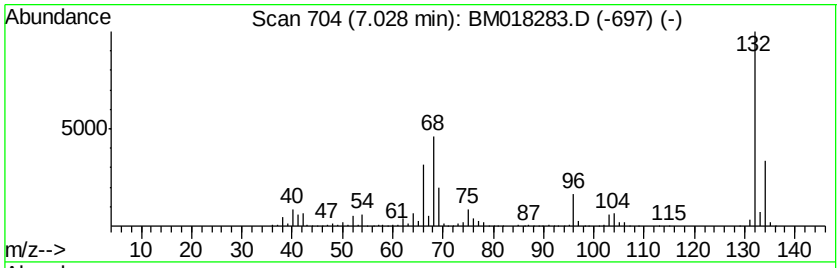
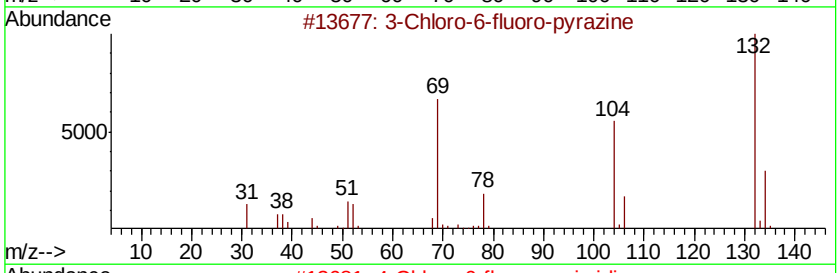
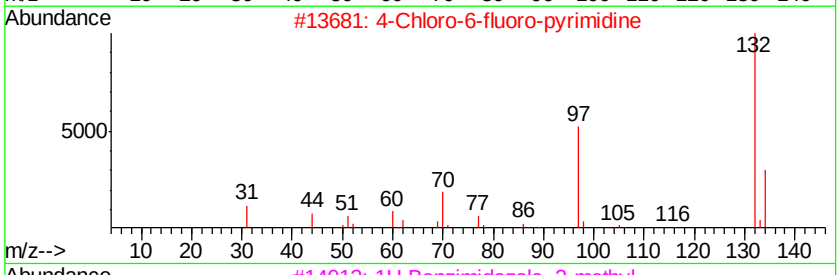
Peak Number 2 unknown7.03 Concentration Rank 1

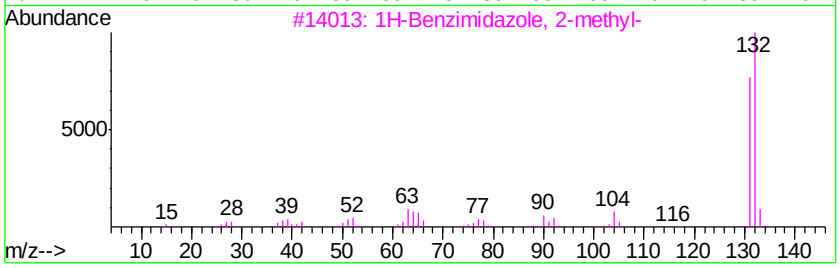
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	87.81 ng	3866570	1,4-Dichlorobenzene-d4	7.49

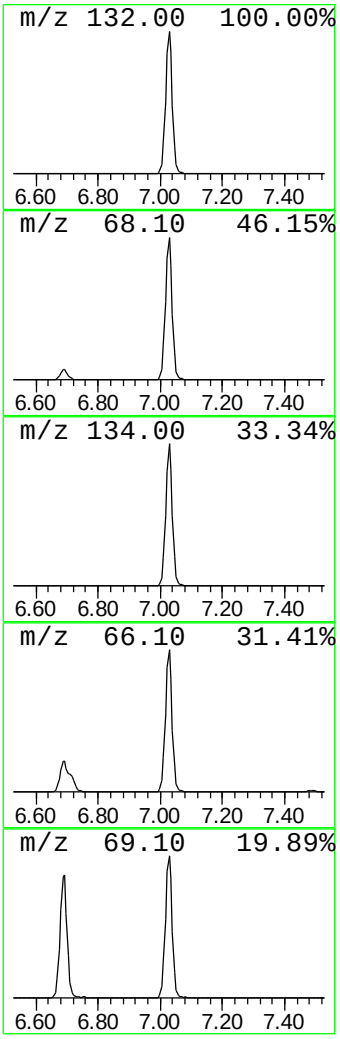
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12











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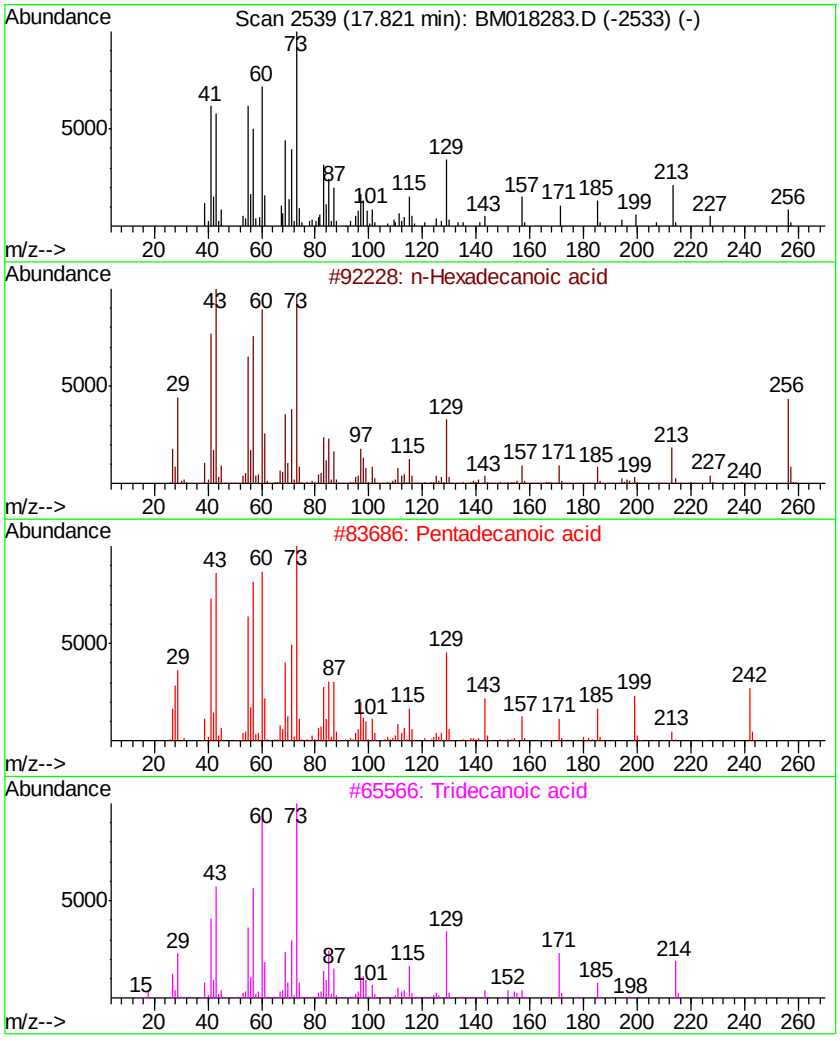
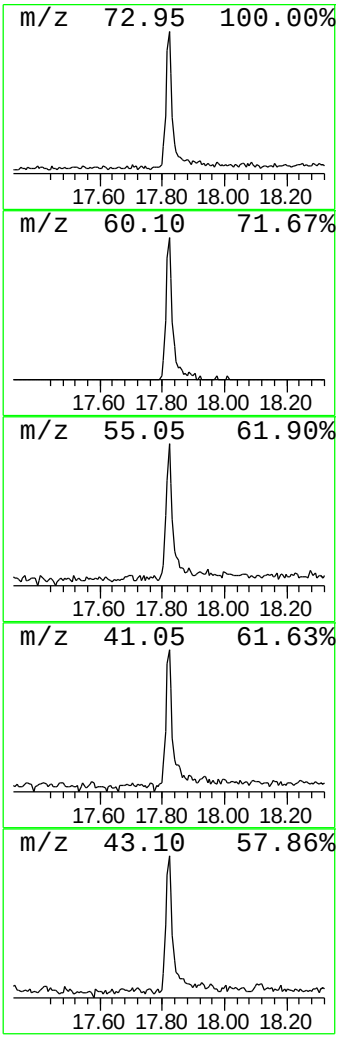
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	4.38 ng	261635	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tridecanoic acid	214	C13H26O2	000638-53-9	50
4	Dodecanoic acid	200	C12H24O2	000143-07-7	43
5	Tetradecane	198	C14H30	000629-59-4	18





Library Search Compound Report

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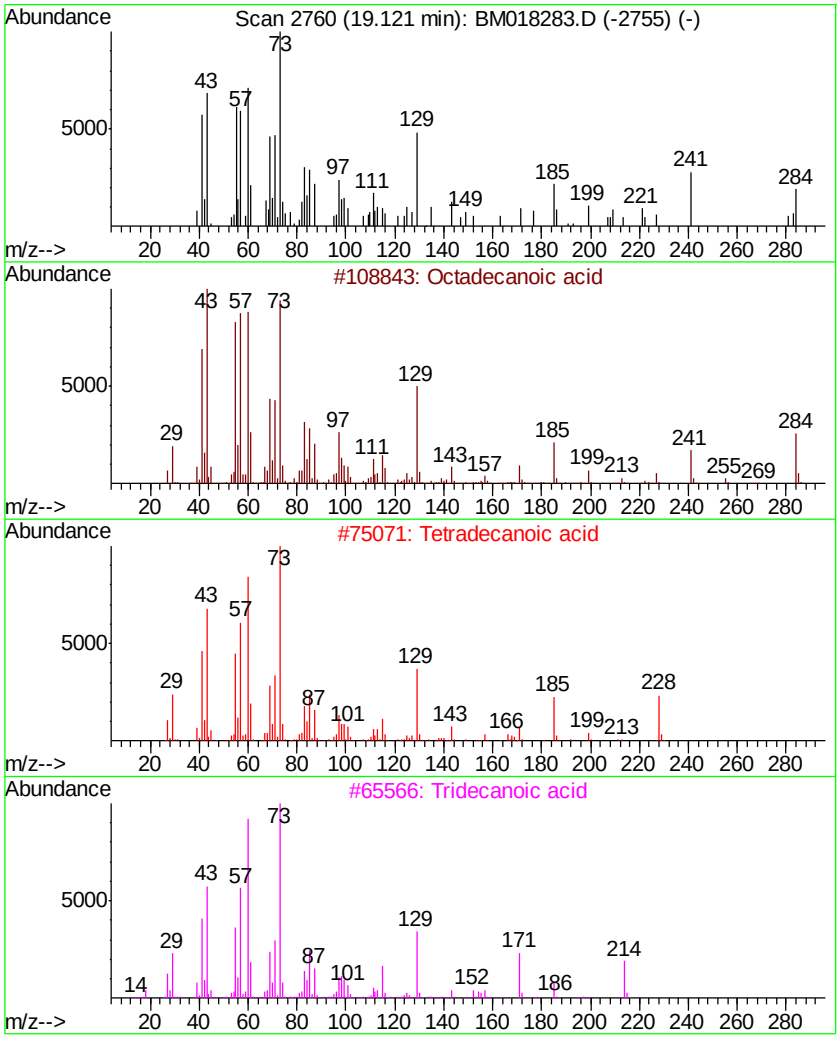
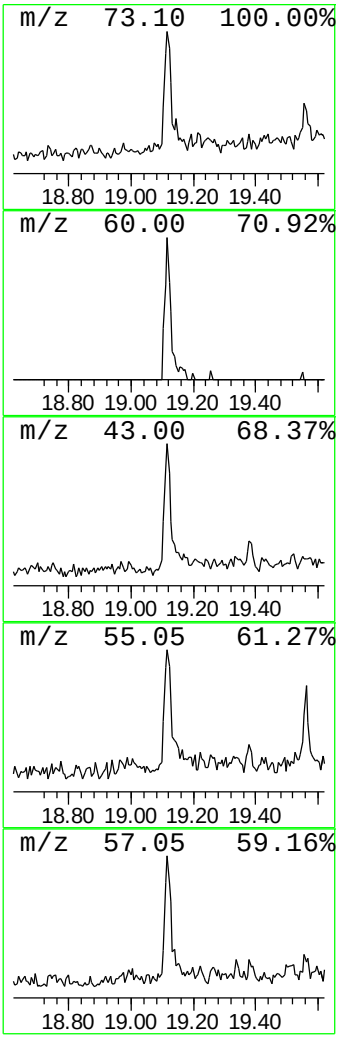
Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	2.07 ng	150342	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	47
4	Undecanoic acid	186	C11H22O2	000112-37-8	46
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





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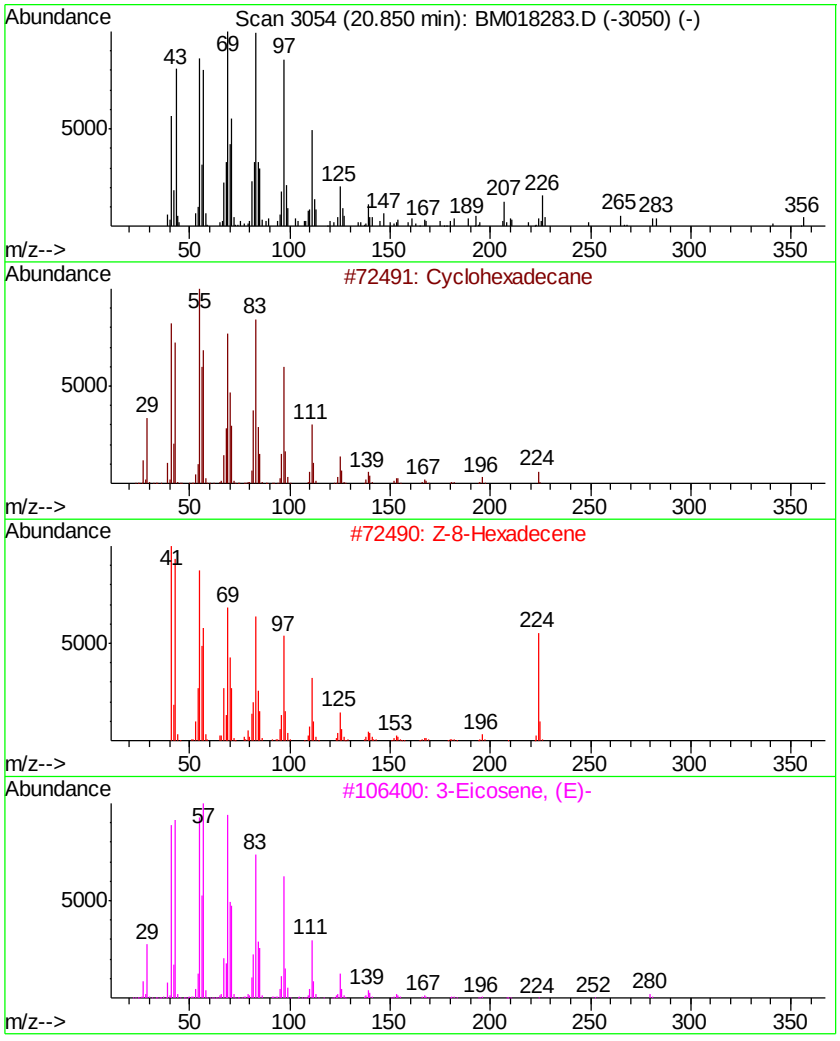
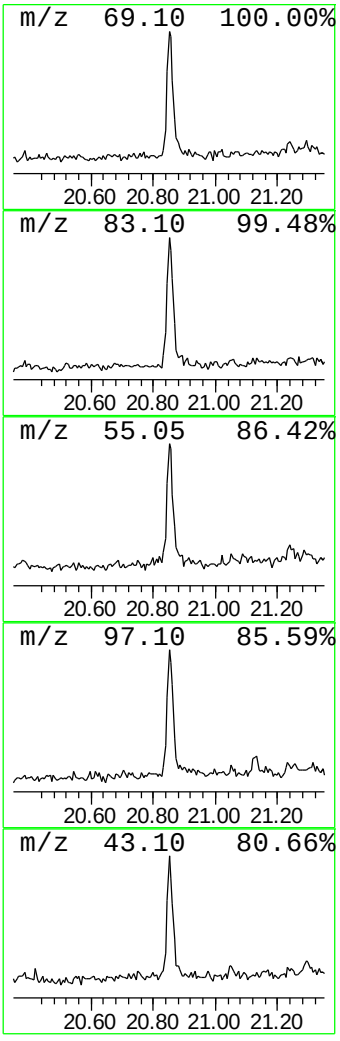
Peak Number 6 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	3.29 ng	238935	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	93
2	Z-8-Hexadecene	224	C16H32	1000130-87-5	92
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87





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...	4.68	2.7	ng	117157	1	7.49	880623	20.0
unknown7.03	7.03	87.8	ng	3866570	1	7.49	880623	20.0
n-Hexadecanoic acid	17.82	4.4	ng	261635	4	16.91	1193980	20.0
Octadecanoic acid	19.12	2.1	ng	150342	5	21.13	1452070	20.0
Cyclohexadecane	20.85	3.3	ng	238935	5	21.13	1452070	20.0