LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\
Data File : BM016198.D
Acq On : 06 Aug 2018 19:20
Operator : SJ/JU
Sample : J4333-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-1

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-BM072318.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	5.216	323	328	339	rBV	93471	140946	12.29%	1.329%
2	5.693	403	409	427	rBV	623677	963707	84.05%	9.088%
3	7.334	682	688	706	rBV	631905	1038580	90.58%	9.795%
4	7.698	744	750	763	rBV	700665	1116686	97.39%	10.531%
5	8.169	825	830	841	rBB	157616	260174	22.69%	2.454%
6	8.492	878	885	897	rBB	528509	841743	73.41%	7.938%
7	9.357	1025	1032	1048	rBV	375247	642723	56.06%	6.061%
8	10.986	1303	1309	1324	rBB	178166	312444	27.25%	2.947%
9	13.422	1717	1723	1732	rVB	817832	1146582	100.00%	10.813%
10	14.257	1858	1865	1872	rBB	43044	57475	5.01%	0.542%
11	14.804	1952	1958	1965	rBB2	237470	360365	31.43%	3.398%
12	16.286	2204	2210	2221	rBV	693153	948693	82.74%	8.947%
13	17.539	2417	2423	2428	rBV	296160	428583	37.38%	4.042%
14	18.380	2561	2566	2575	rBV	98033	147763	12.89%	1.394%
15	18.462	2575	2580	2585	rVB5	6131	12663	1.10%	0.119%
16	19.568	2765	2768	2773	rBV2	14121	17841	1.56%	0.168%
17	19.639	2776	2780	2790	rBV3	35324	58181	5.07%	0.549%
18	19.933	2827	2830	2835	rBV3	8649	12824	1.12%	0.121%
19	20.109	2855	2860	2867	rBV	816851	937914	81.80%	8.845%
20	21.350	3068	3071	3072	rBV2	32535	37115	3.24%	0.350%
21	21.421	3080	3083	3090	rBV	23902	32297	2.82%	0.305%
22	21.662	3119	3124	3129	rBV	423911	551276	48.08%	5.199%
23	24.015	3518	3524	3535	rVB2	271970	537086	46.84%	5.065%

Sum of corrected areas: 10603661

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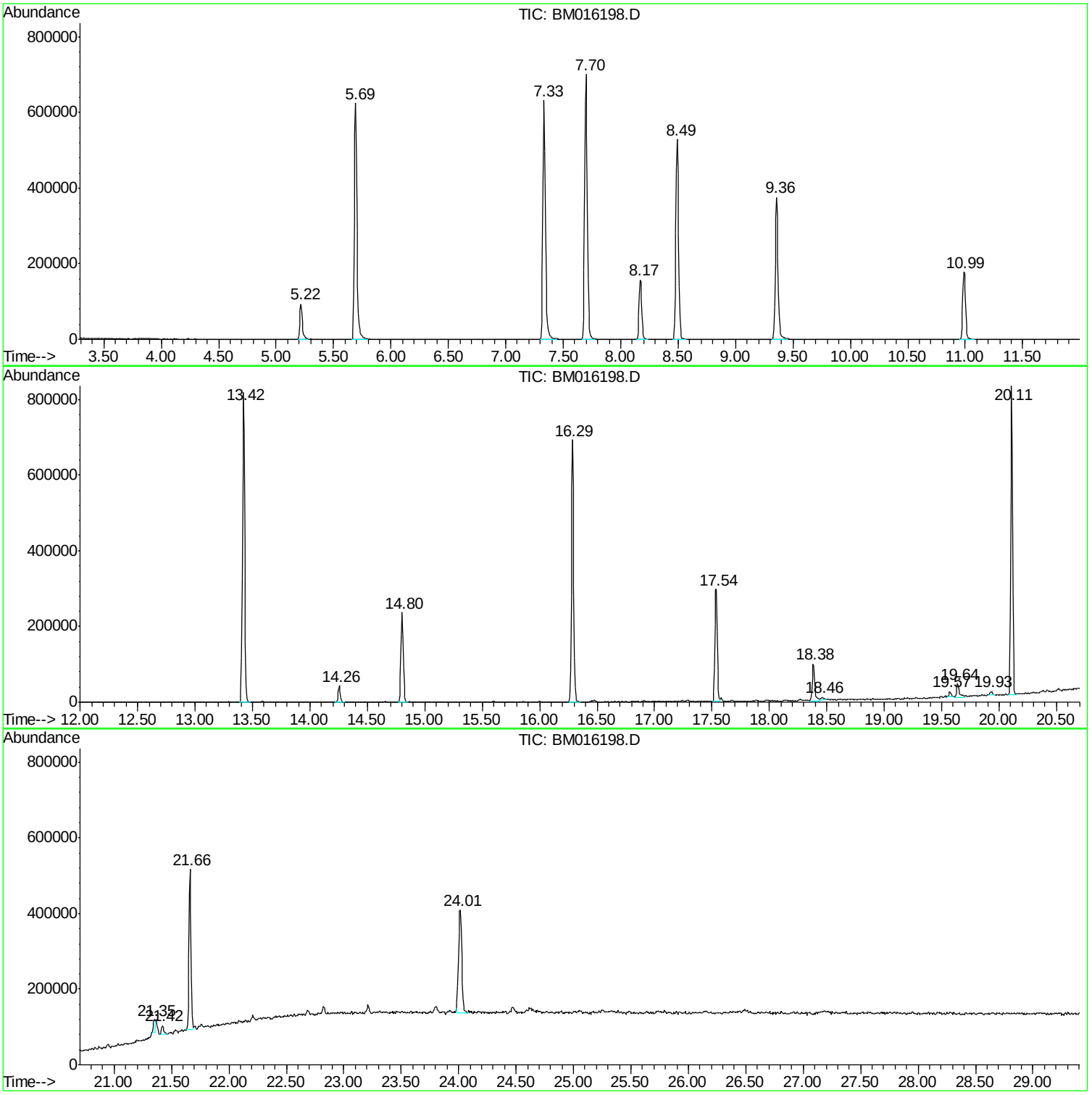
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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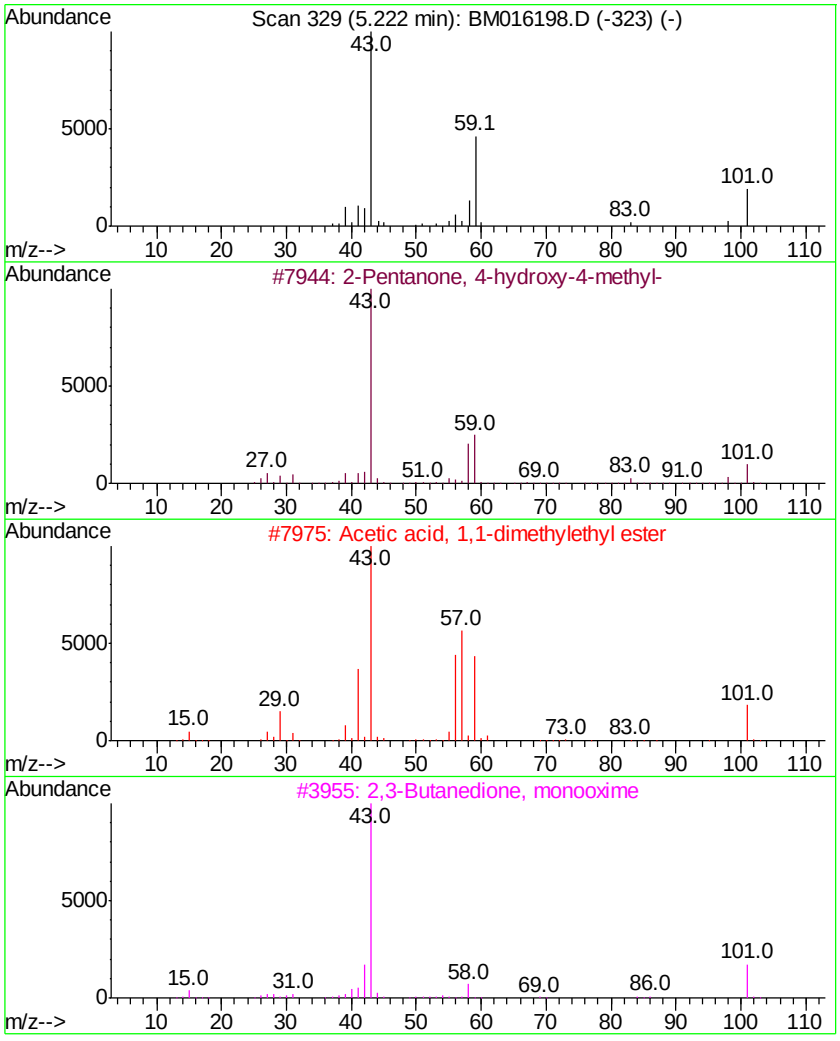
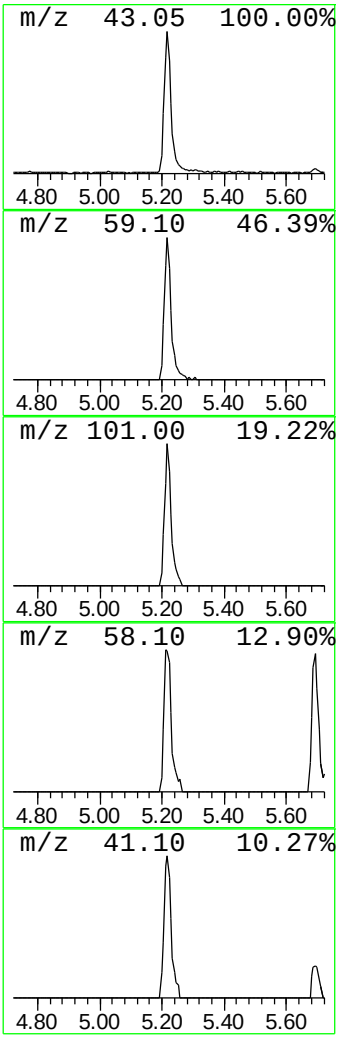
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	10.83 ng	140946	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	Butane	58	C4H10	000106-97-8	22
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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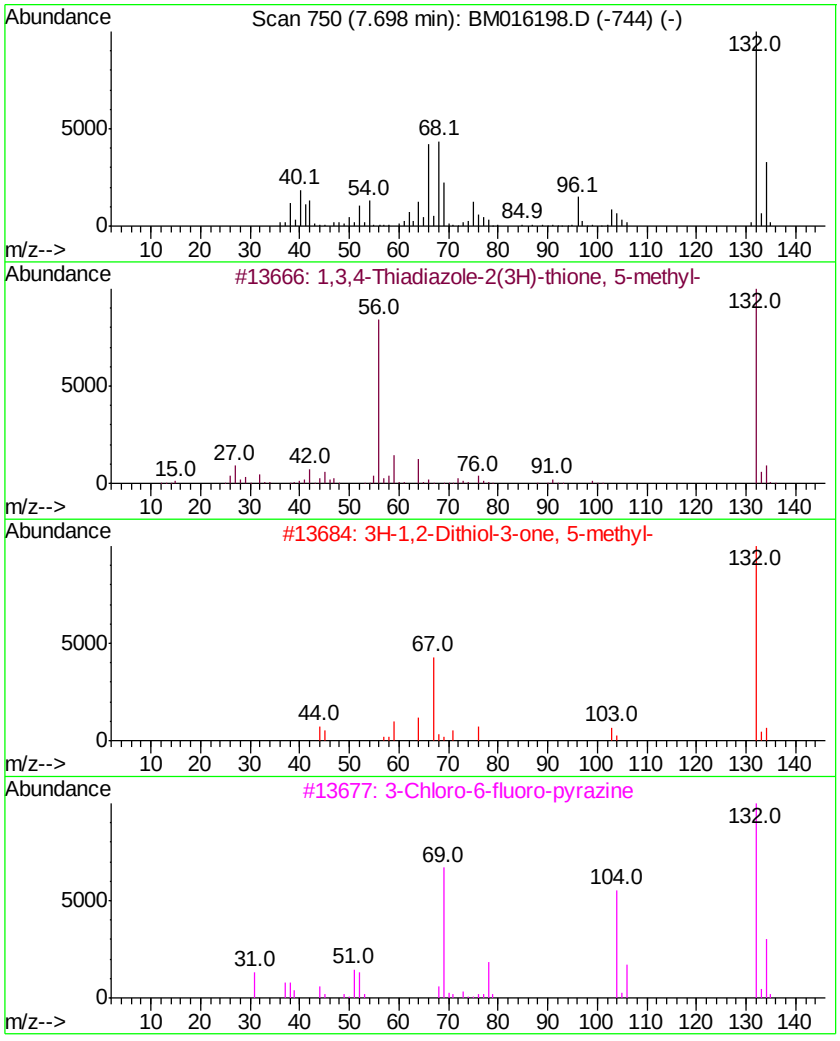
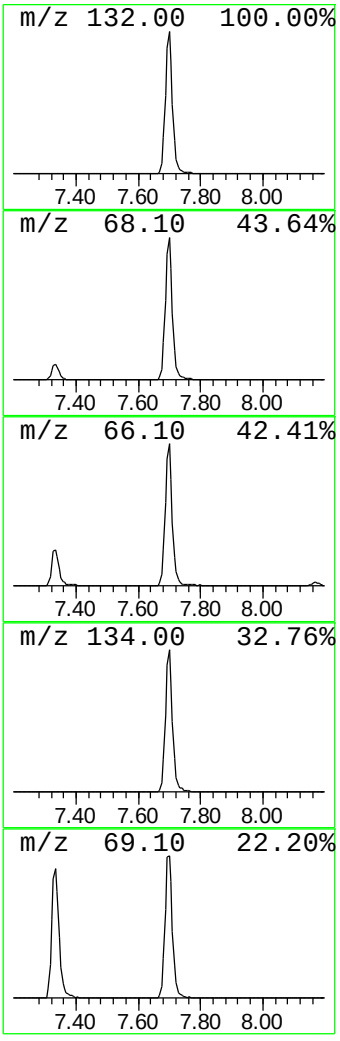
Peak Number 2 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	85.84 ng	1116690	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
2	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12





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ClientSampleId : SOIL-1

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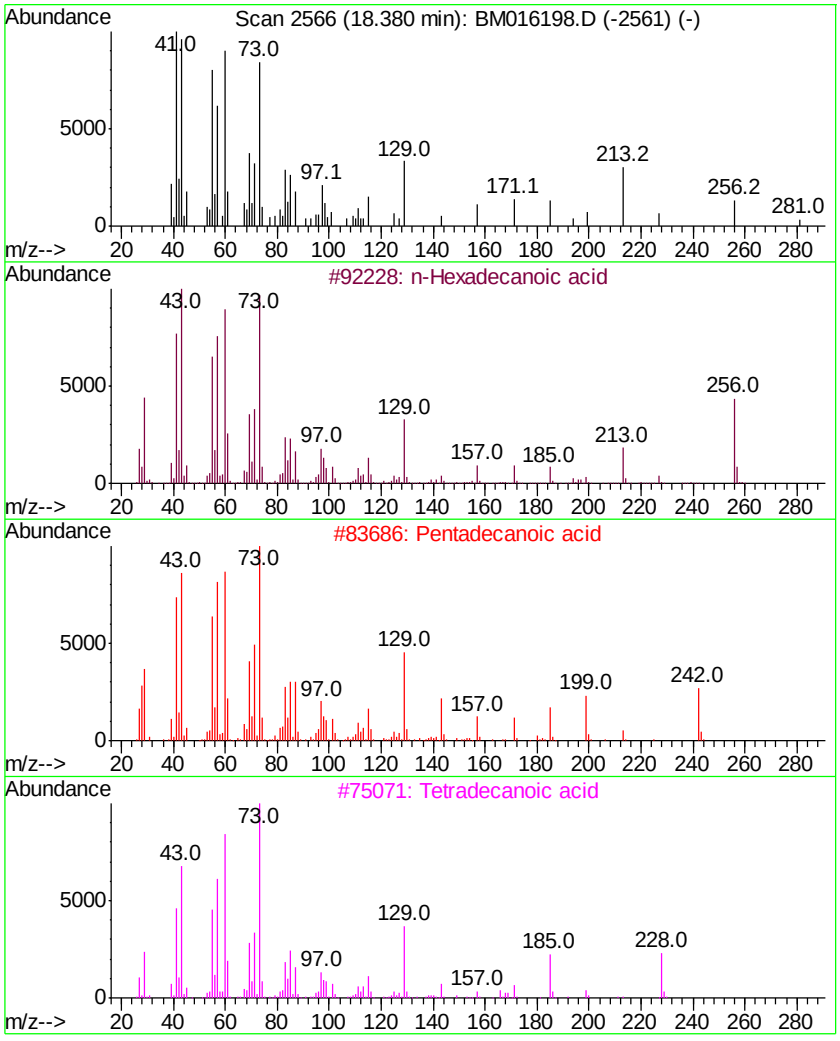
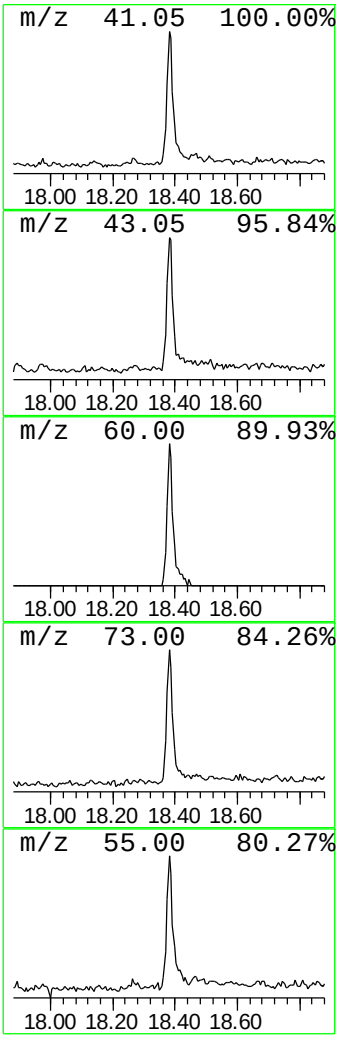
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	6.90 ng	147763	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





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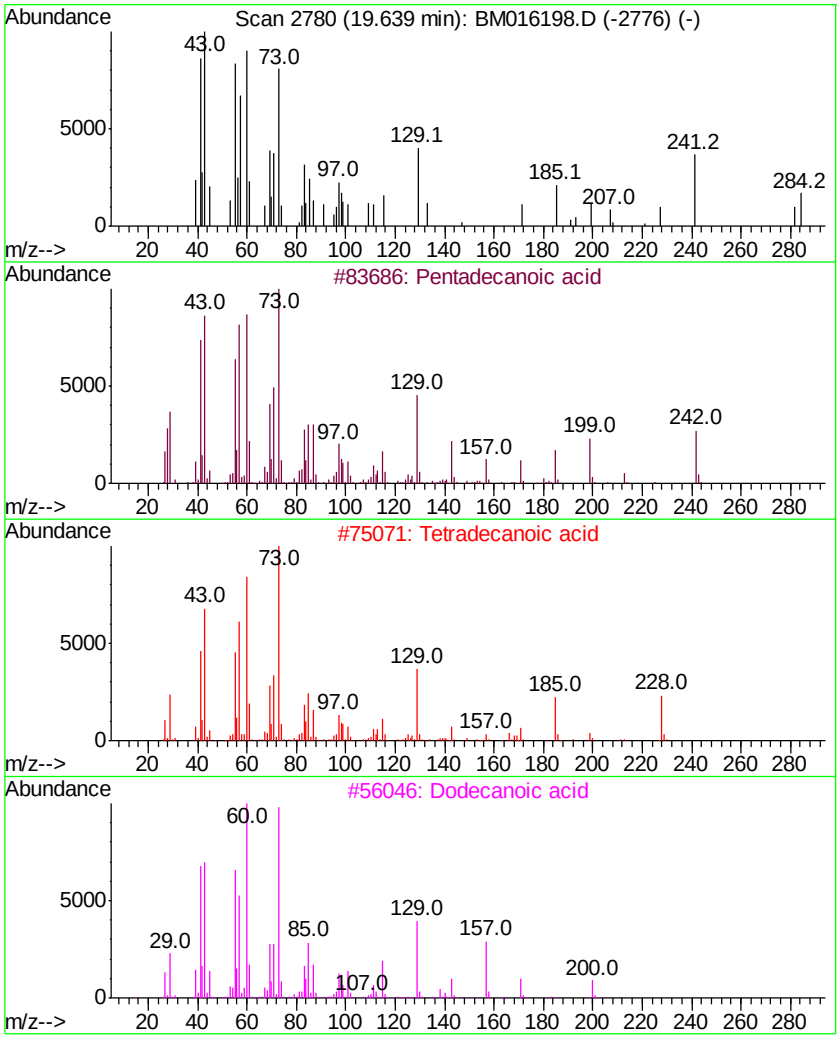
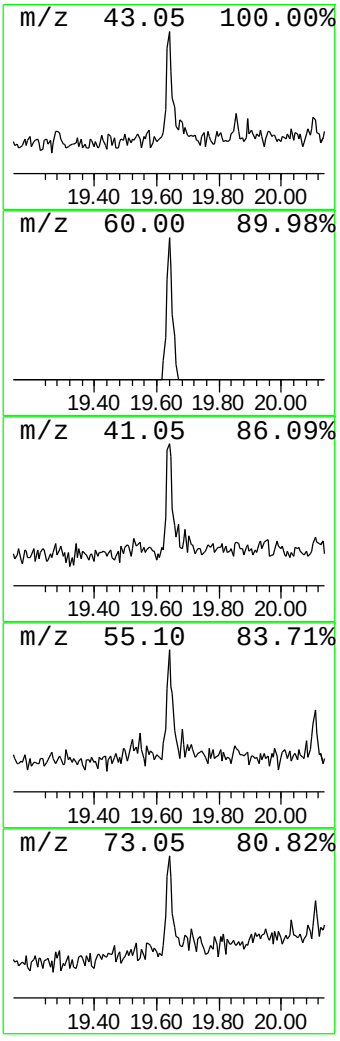
Peak Number 5 Pentadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	2.11 ng	58181	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Dodecanoic acid	200	C12H24O2	000143-07-7	58
4	Undecanoic acid	186	C11H22O2	000112-37-8	47
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





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...	5.22	10.8	ng	140946	1	8.17	260174	20.0
unknown7.70	7.70	85.8	ng	1116690	1	8.17	260174	20.0
n-Hexadecanoic acid	18.38	6.9	ng	147763	4	17.54	428583	20.0
Pentadecanoic acid	19.64	2.1	ng	58181	5	21.66	551276	20.0