LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016253.D
Acq On : 08 Aug 2018 17:05
Operator : SJ/JU
Sample : J4313-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C-10

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	5.187	318	323	333	rBV	132466	191574	11.02%	1.415%
2	5.663	398	404	420	rBV	731695	1101128	63.37%	8.133%
3	7.304	676	683	702	rBV	699922	1142158	65.73%	8.436%
4	7.663	738	744	758	rBV	788472	1256974	72.34%	9.284%
5	8.134	818	824	835	rBB	204526	336585	19.37%	2.486%
6	8.457	873	879	891	rBB	608074	971048	55.88%	7.172%
7	9.322	1020	1026	1044	rBV	421886	705434	40.60%	5.210%
8	10.951	1297	1303	1311	rBV	227179	381998	21.98%	2.821%
9	13.392	1712	1718	1728	rBV	977388	1320841	76.01%	9.756%
10	14.222	1855	1859	1865	rBV	51843	71319	4.10%	0.527%
11	14.774	1947	1953	1960	rBV2	255393	398674	22.94%	2.945%
12	16.257	2199	2205	2215	rBV	700332	994526	57.23%	7.346%
13	17.510	2412	2418	2422	rBV	307134	439381	25.29%	3.245%
14	17.551	2422	2425	2433	rVV	122233	154440	8.89%	1.141%
15	17.639	2437	2440	2446	rVB	24383	33242	1.91%	0.246%
16	18.357	2558	2562	2569	rBV2	116137	170455	9.81%	1.259%
17	18.427	2569	2574	2582	rVB2	19959	33876	1.95%	0.250%
18	18.568	2592	2598	2602	rBV3	14369	27192	1.56%	0.201%
19	19.545	2758	2764	2768	rVB	189974	269829	15.53%	1.993%
20	19.615	2772	2776	2783	rVV5	40561	64599	3.72%	0.477%
21	19.868	2815	2819	2821	rBV2	37164	52464	3.02%	0.388%
22	19.904	2821	2825	2831	rVB	162850	216922	12.48%	1.602%
23	19.968	2833	2836	2840	rBV6	12938	19220	1.11%	0.142%
24	20.086	2851	2856	2861	rVB	1474556	1737671	100.00%	12.835%
25	21.309	3061	3064	3070	rVB4	83416	139422	8.02%	1.030%
26	21.639	3114	3120	3124	rBV2	454099	713831	41.08%	5.272%
27	21.674	3124	3126	3131	rVB	98244	112243	6.46%	0.829%
28	23.980	3513	3518	3524	rVB	262275	481887	27.73%	3.559%

Sum of corrected areas: 13538933

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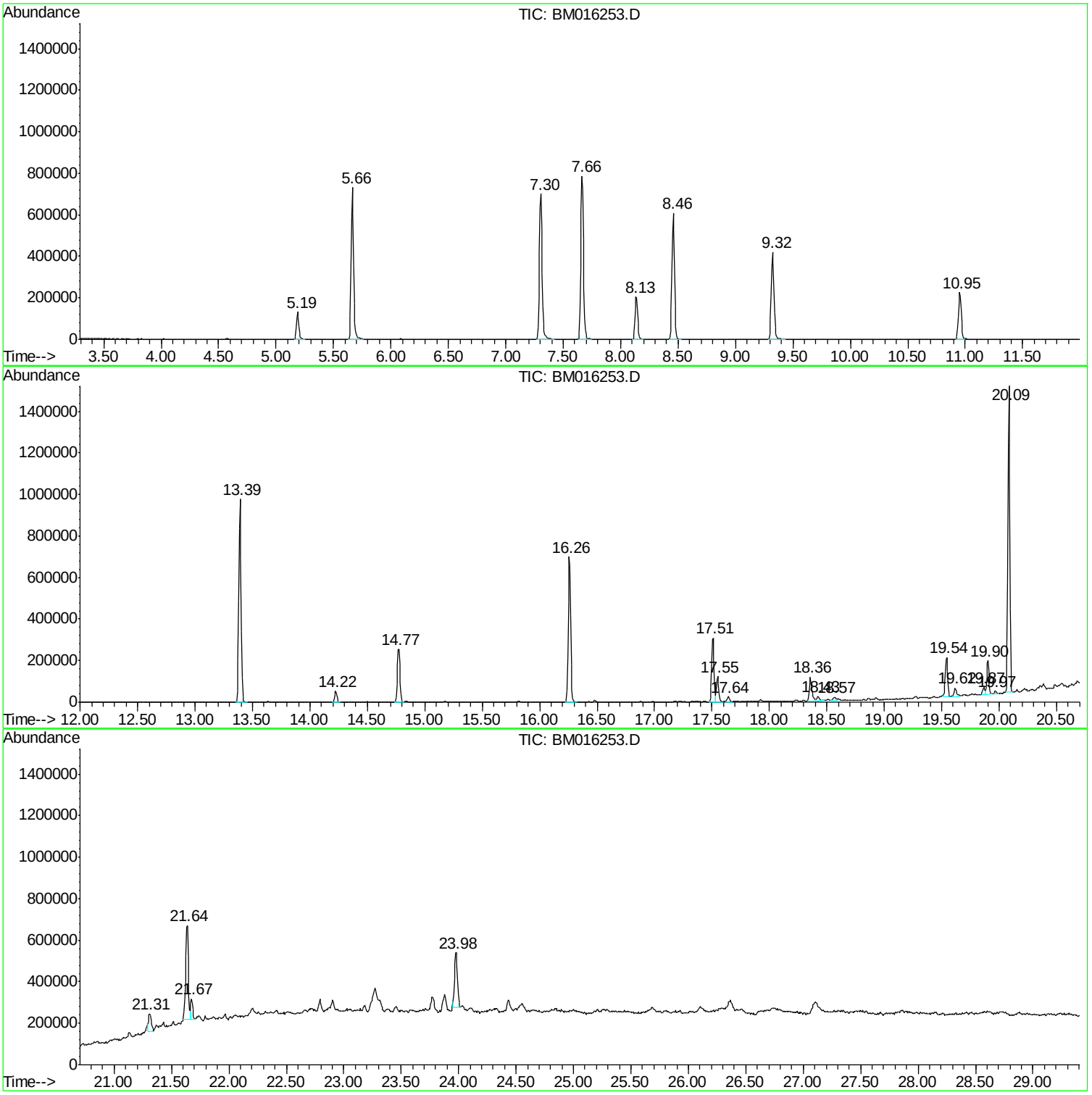
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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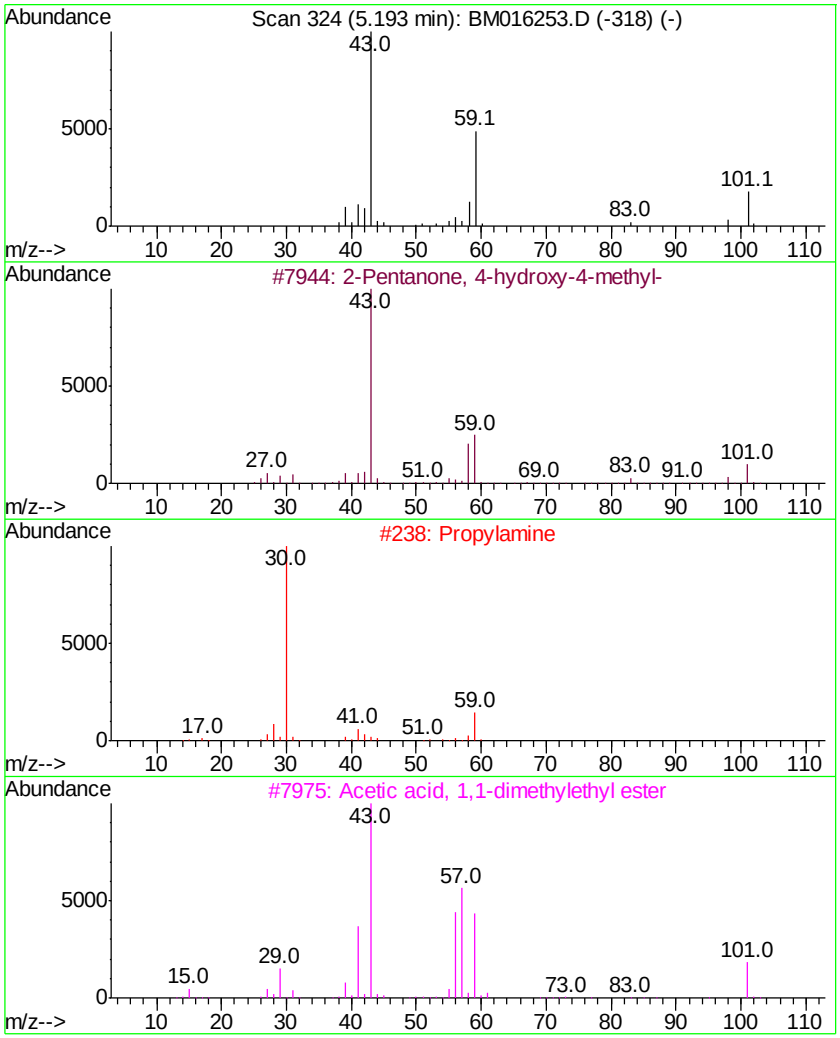
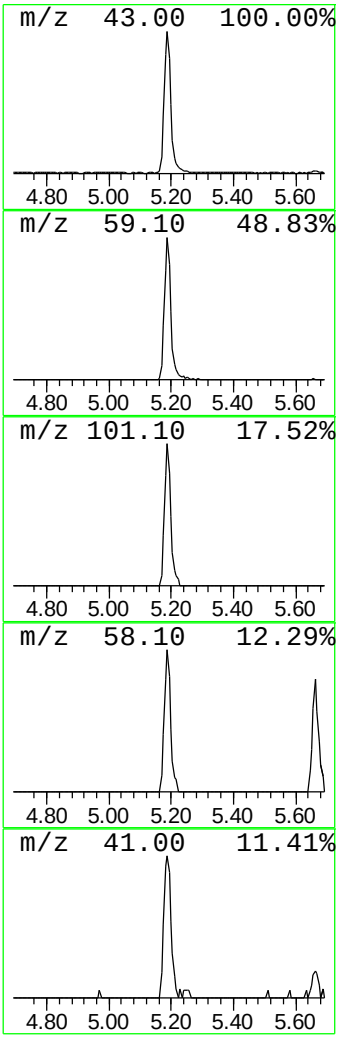
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	11.38 ng	191574	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propylamine	59	C3H9N	000107-10-8	40
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	23





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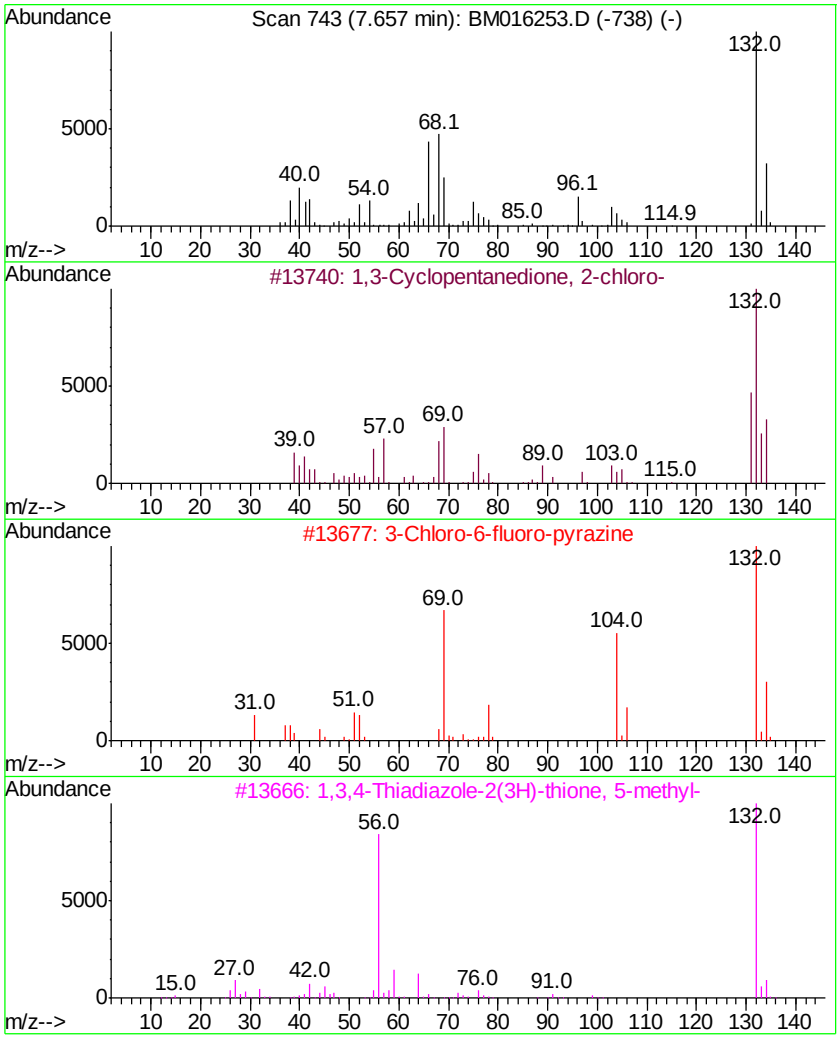
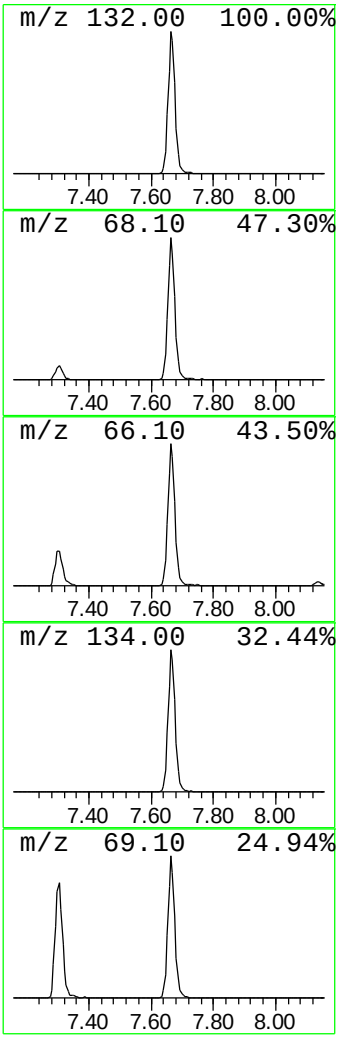
Peak Number 2 unknown7.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	74.69 ng	1256970	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14





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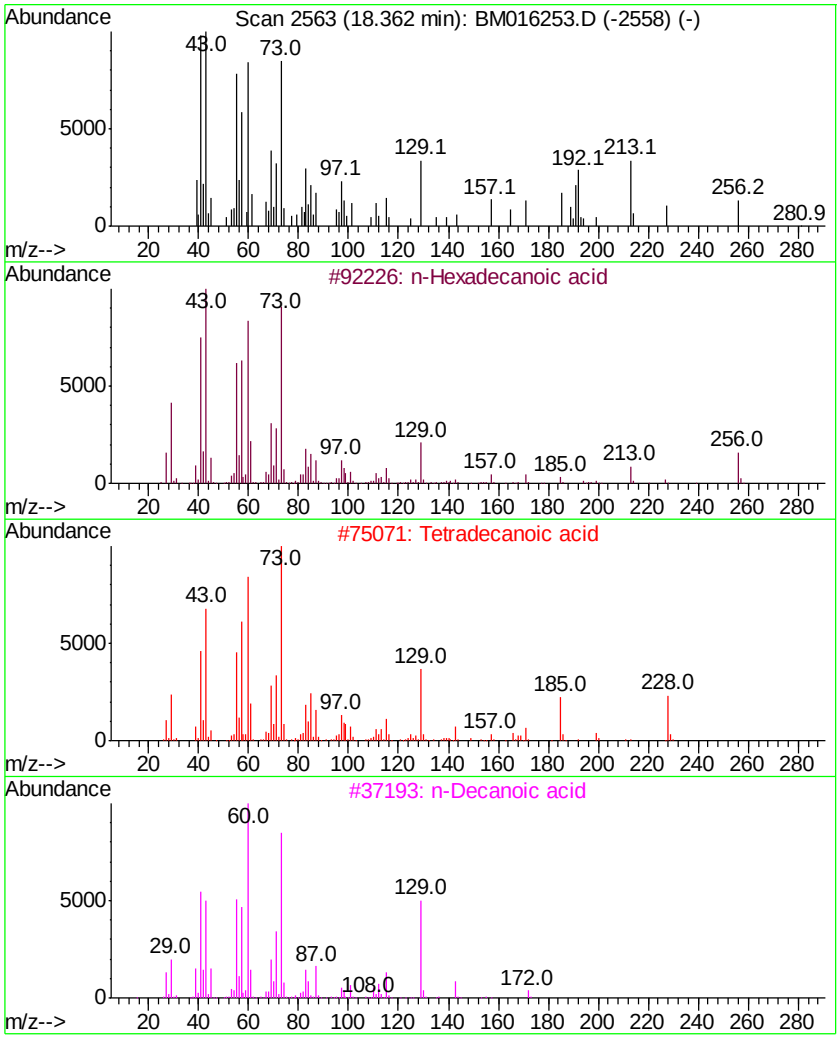
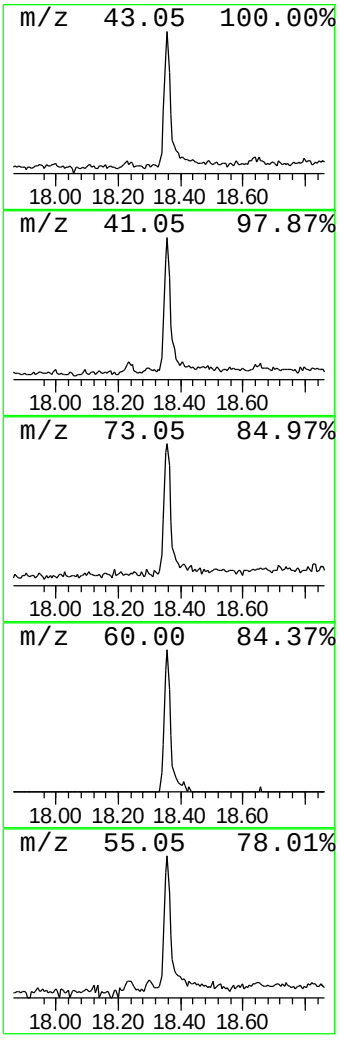
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	7.76 ng	170455	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
3	n-Decanoic acid	172	C10H20O2	000334-48-5	43
4	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	43
5	Dodecanoic acid	200	C12H24O2	000143-07-7	38





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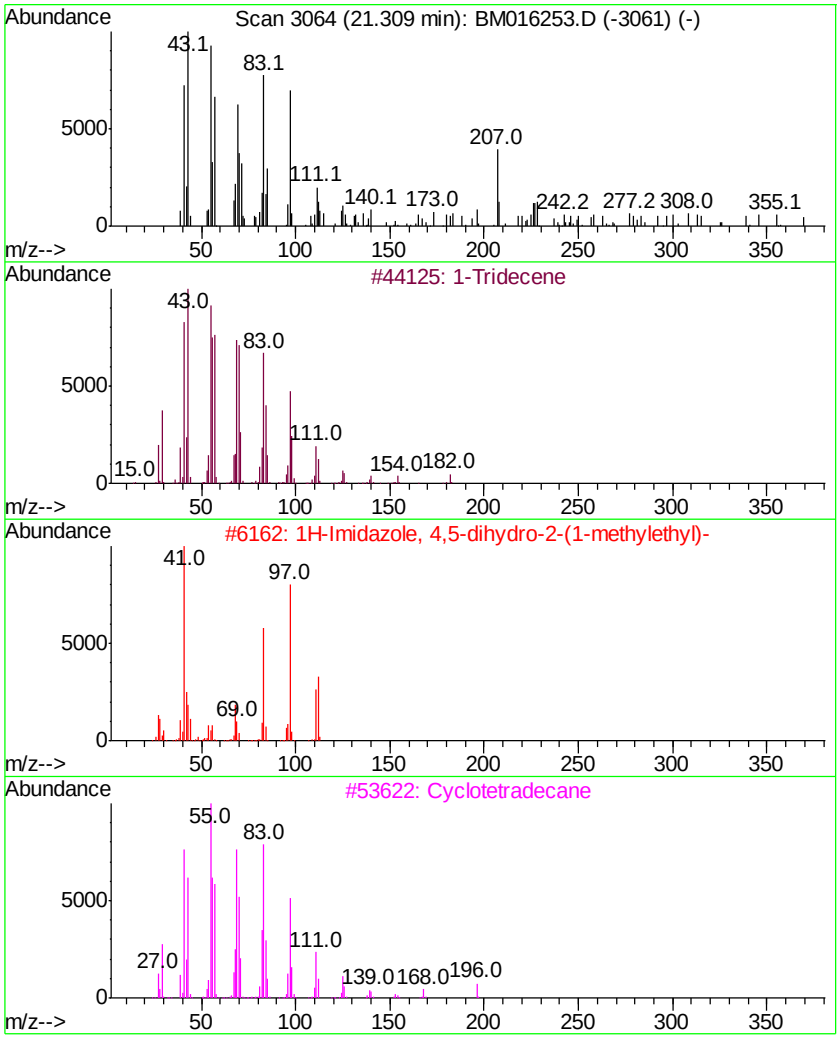
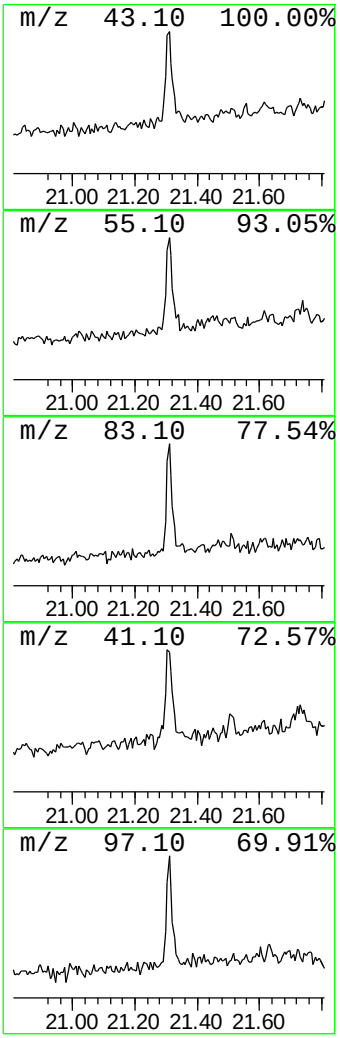
Peak Number 5 1-Tridecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	3.91 ng	139422	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	58
2	1H-Imidazole, 4,5-dihydro-2-(1-m...	112	C6H12N2	040029-86-5	49
3	Cyclotetradecane	196	C14H28	000295-17-0	49
4	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	45
5	1-Docosene	308	C22H44	001599-67-3	38





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...	5.19	11.4	ng	191574	1	8.14	336585	20.0
unknown7.66	7.66	74.7	ng	1256970	1	8.14	336585	20.0
n-Hexadecanoic acid	18.36	7.8	ng	170455	4	17.51	439381	20.0
1-Tridecene	21.31	3.9	ng	139422	5	21.64	713831	20.0