LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020918\
Data File : BM014214.D
Acq On : 09 Feb 2018 14:10
Operator : SJ/JU
Sample : J1506-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-22(14-16)

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:\HPCHEM1\BNA_M\METHODS\8270-BM020718.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	5.163	364	370	385	rBV	2295280	3256407	49.80%	8.176%
2	6.734	629	637	654	rBV	2359664	3673107	56.18%	9.223%
3	7.075	688	695	713	rBV	2468091	3827218	58.53%	9.609%
4	7.539	766	774	784	rBV	415095	672502	10.29%	1.689%
5	7.851	820	827	839	rBV	1732891	2764024	42.27%	6.940%
6	8.698	963	971	990	rBV	1328476	2311735	35.36%	5.804%
7	10.310	1236	1245	1261	rBV	450605	857051	13.11%	2.152%
8	12.804	1662	1669	1680	rBV	3113376	4563837	69.80%	11.459%
9	13.668	1809	1816	1832	rBV	157685	308757	4.72%	0.775%
10	14.192	1899	1905	1918	rVB2	746308	1191935	18.23%	2.993%
11	15.057	2048	2052	2058	rVB2	57685	79143	1.21%	0.199%
12	15.698	2152	2161	2178	rBV	2873732	4267694	65.27%	10.715%
13	15.921	2195	2199	2211	rBV3	47089	84005	1.28%	0.211%
14	16.951	2369	2374	2389	rBV2	915973	1466024	22.42%	3.681%
15	17.862	2524	2529	2541	rBV2	175074	310984	4.76%	0.781%
16	19.150	2744	2748	2754	rBV5	48381	87340	1.34%	0.219%
17	19.597	2818	2824	2835	rBV	5414904	6538621	100.00%	16.417%
18	20.874	3037	3041	3049	rBV	321153	478249	7.31%	1.201%
19	21.162	3084	3090	3099	rBV	1193978	1696107	25.94%	4.259%
20	23.332	3453	3459	3471	rBV	691241	1392732	21.30%	3.497%

Sum of corrected areas: 39827472

LSC Report - Integrated Chromatogram

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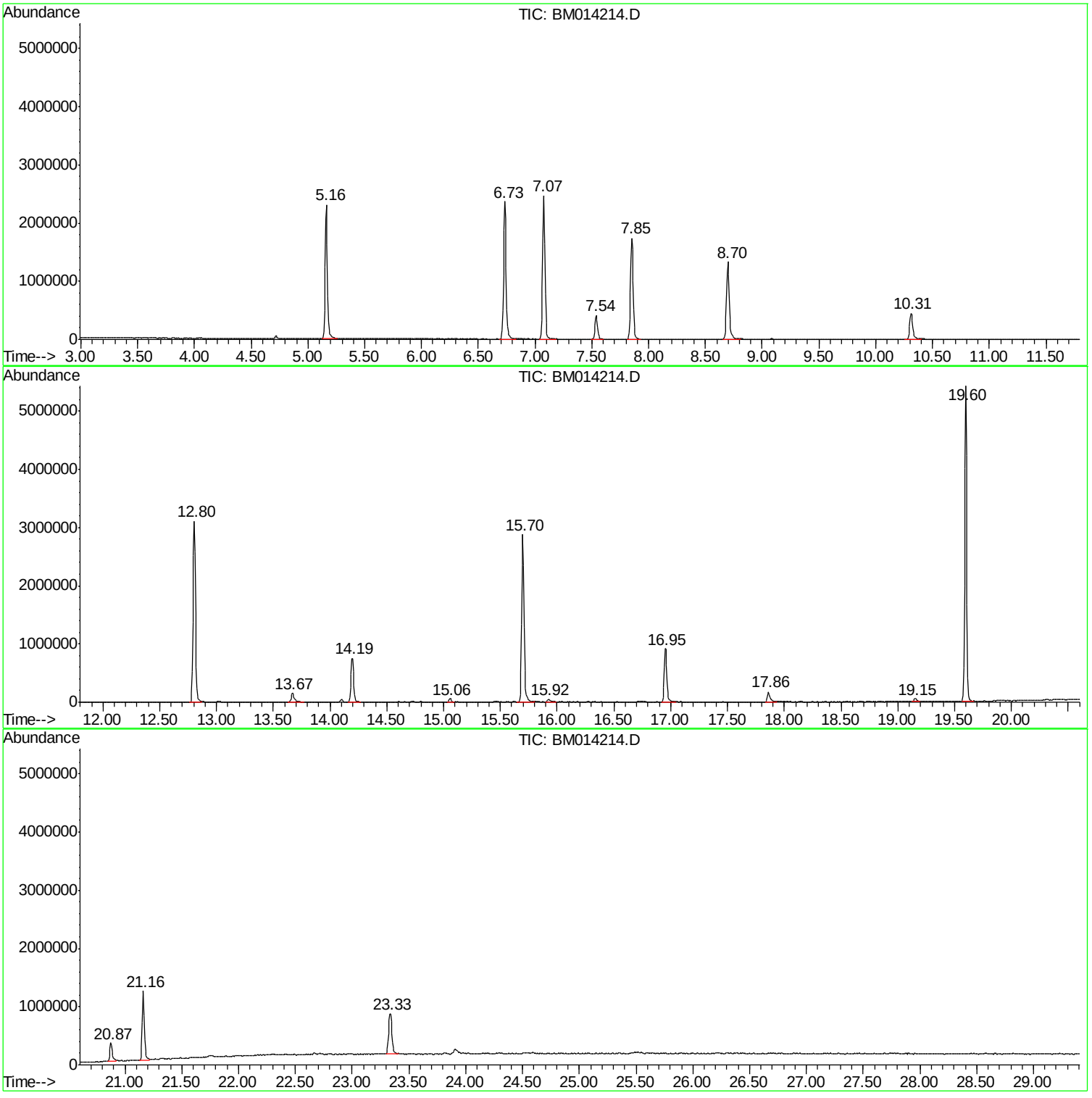
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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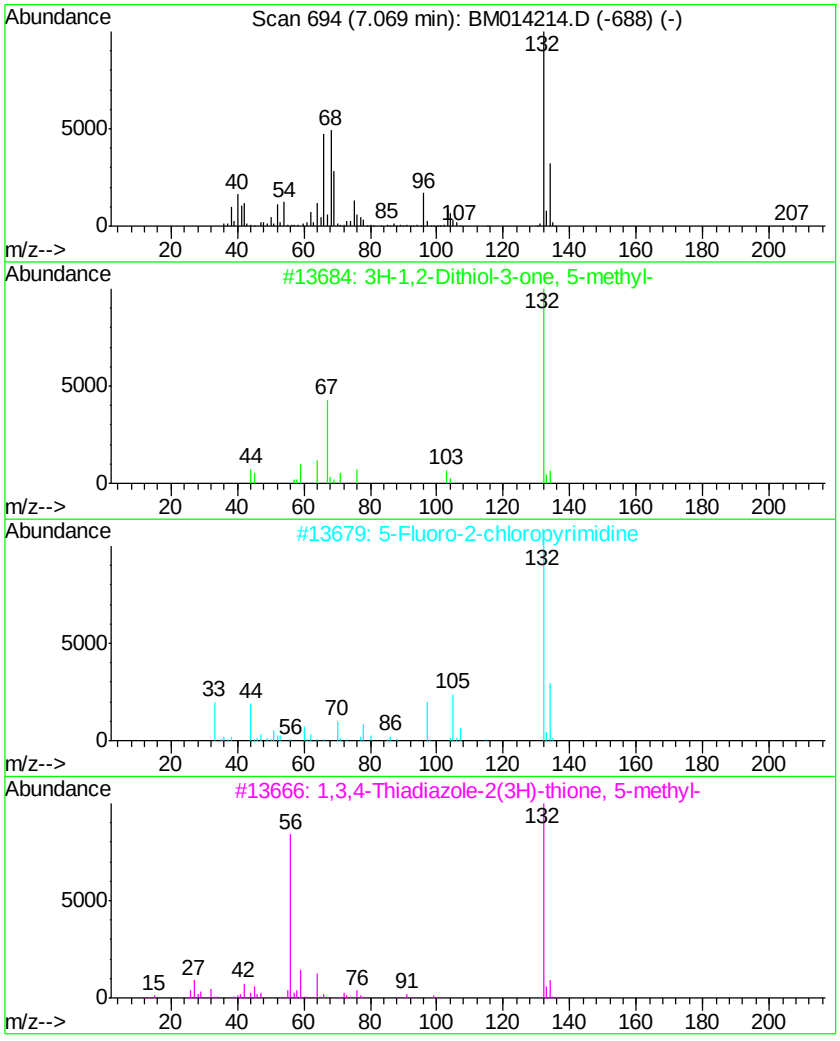
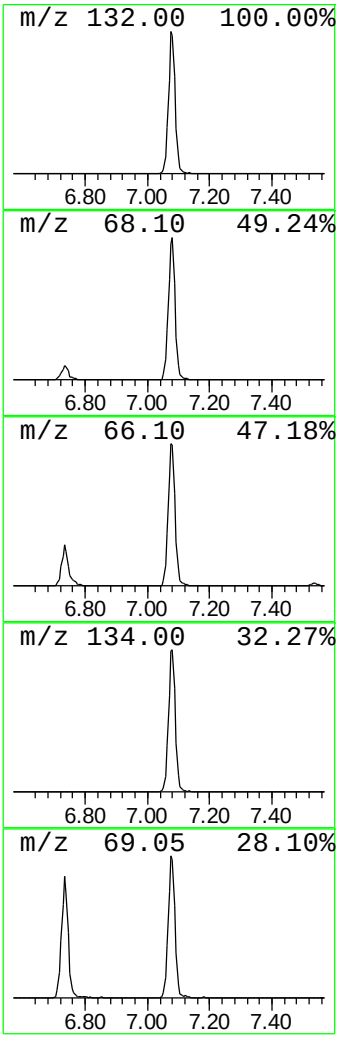
Peak Number 1 unknown7.07 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	113.82 ng	3827220	1,4-Dichlorobenzene-d4	7.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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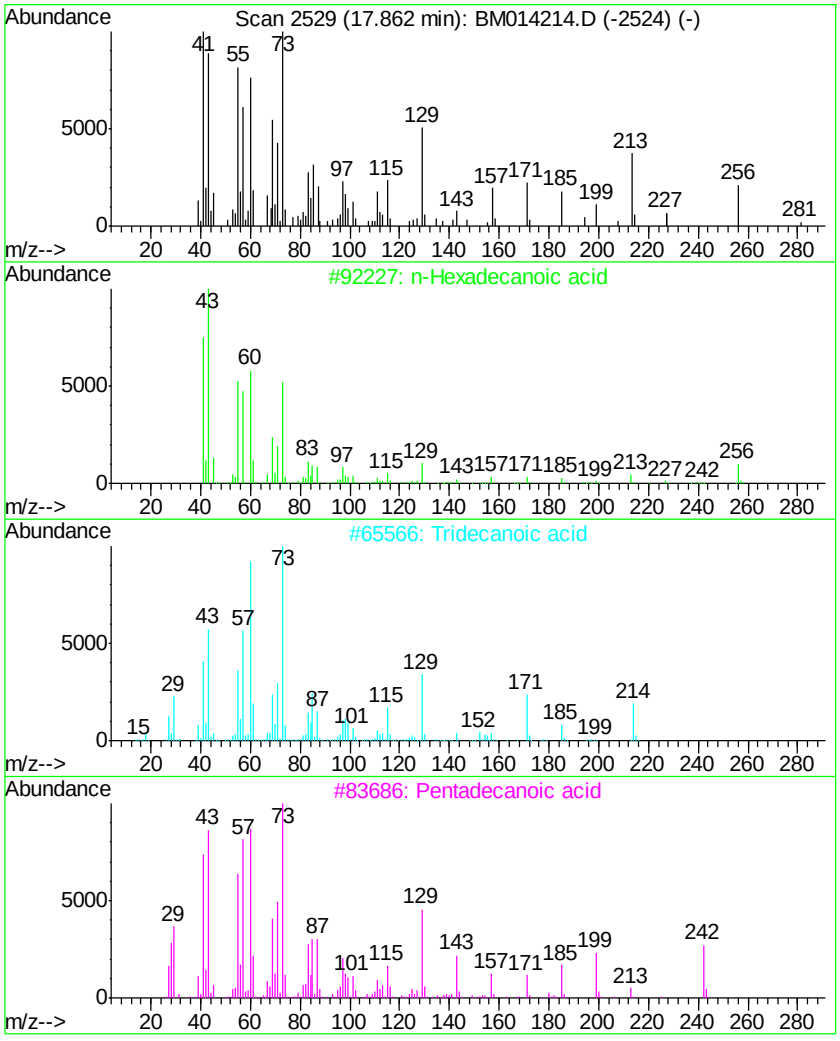
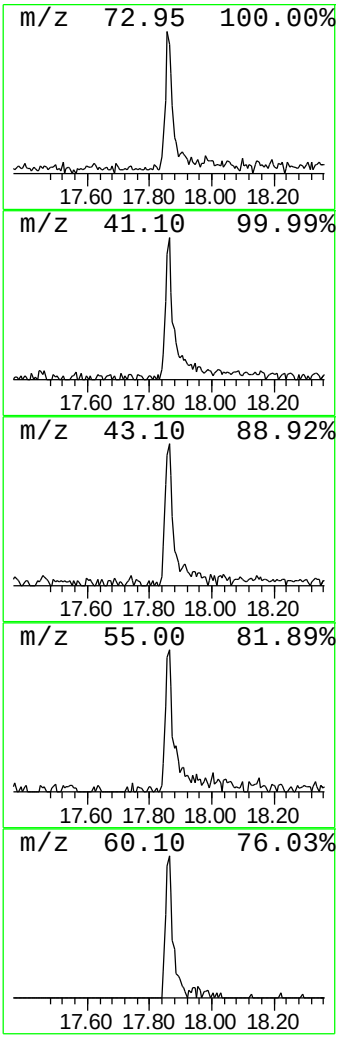
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	4.24 ng	310984	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





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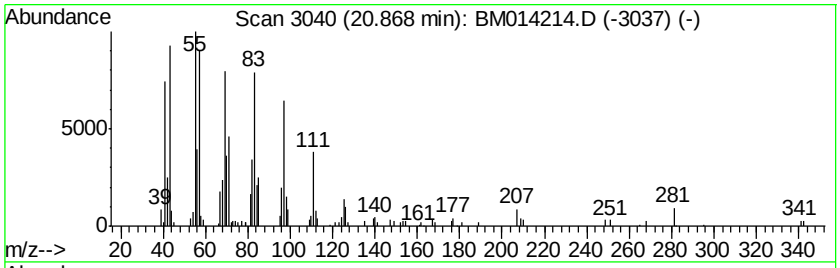
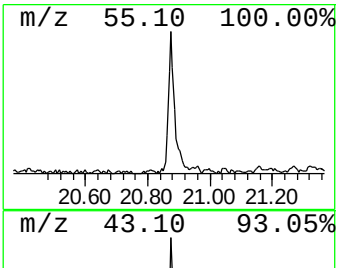
Peak Number 4 Trichloroacetic acid, hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	5.64 ng	478249	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
3	Cyclotetracosane	336	C24H48	000297-03-0	94
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.07	7.07	113.8	ng	3827220	1	7.54	672502	20.0
n-Hexadecanoic acid	17.86	4.2	ng	310984	4	16.95	1466020	20.0
Trichloroacetic a...	20.87	5.6	ng	478249	5	21.16	1696110	20.0