LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061421\
Data File : BM030440.D
Acq On : 14 Jun 2021 17:10
Operator : CG/JU
Sample : M2687-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 17-B6(120-124)

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-BM060921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM030440.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.963	314	319	329	rVB	195282	277138	4.47%	0.818%
2	5.428	391	398	404	rBV	1966988	2842985	45.88%	8.394%
3	5.487	404	408	418	rVB	68765	148684	2.40%	0.439%
4	7.010	657	667	679	rBV	1873411	2985294	48.18%	8.814%
5	7.834	800	807	813	rBV	629999	981988	15.85%	2.899%
6	8.987	996	1003	1016	rVB	1089988	1766432	28.51%	5.215%
7	10.398	1237	1243	1252	rBV	212957	387423	6.25%	1.144%
8	10.622	1273	1281	1289	rBV	753429	1280016	20.66%	3.779%
9	13.080	1690	1699	1708	rBV	2640604	4047937	65.33%	11.951%
10	14.457	1926	1933	1945	rVB	1122128	1685362	27.20%	4.976%
11	15.863	2166	2172	2178	rBV2	95318	135650	2.19%	0.400%
12	15.939	2179	2185	2199	rVV	2063042	2981720	48.12%	8.803%
13	17.192	2391	2398	2406	rBV	1368631	1986939	32.07%	5.866%
14	17.315	2414	2419	2425	rVB3	87189	132305	2.14%	0.391%
15	17.851	2505	2510	2515	rBV3	50415	82980	1.34%	0.245%
16	18.080	2545	2549	2557	rBV	136766	237354	3.83%	0.701%
17	19.356	2763	2766	2775	rBV3	82714	128574	2.08%	0.380%
18	19.803	2837	2842	2851	rVB	5043645	6196172	100.00%	18.293%
19	20.492	2956	2959	2965	rVB	173765	201160	3.25%	0.594%
20	21.068	3054	3057	3062	rBV2	111286	131345	2.12%	0.388%
21	21.268	3089	3091	3097	rVB	150461	158024	2.55%	0.467%
22	21.356	3101	3106	3113	rVV	1963620	2439894	39.38%	7.204%
23	23.633	3487	3493	3505	rVB2	1353674	2655547	42.86%	7.840%

Sum of corrected areas: 33870923

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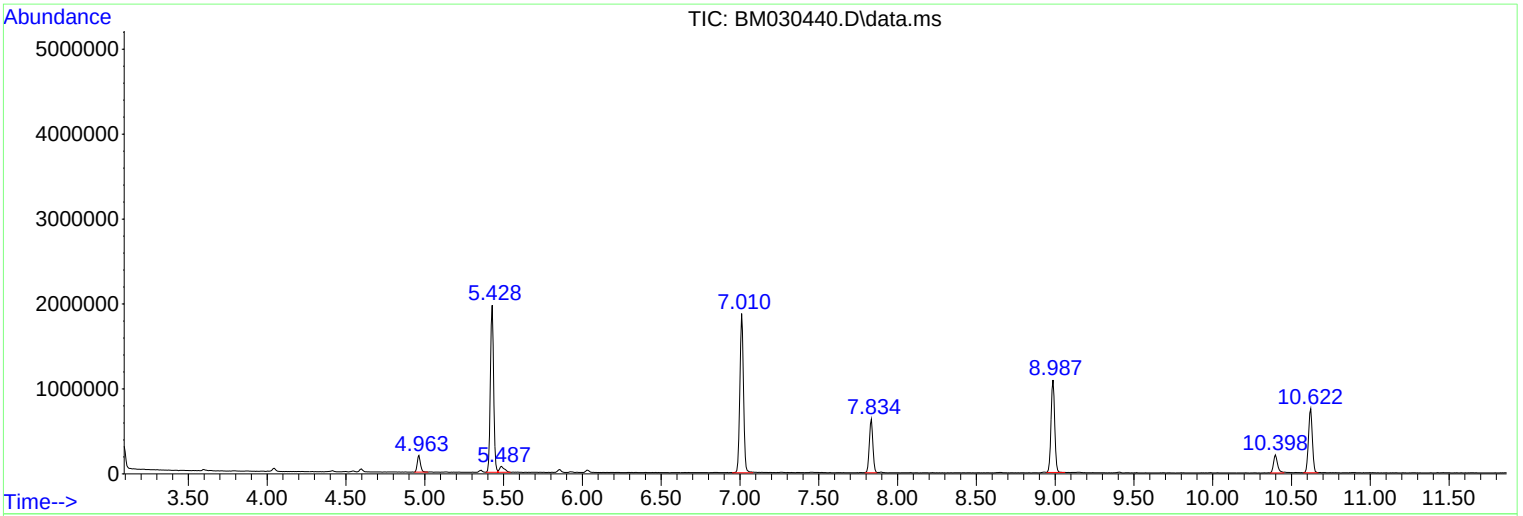
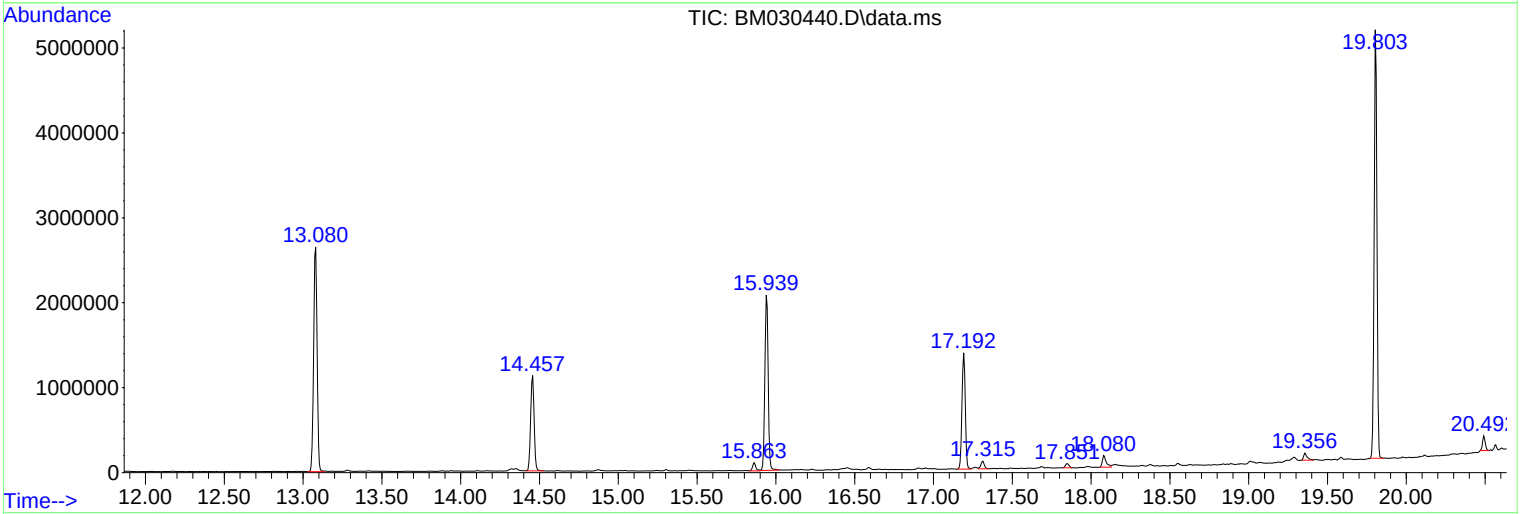
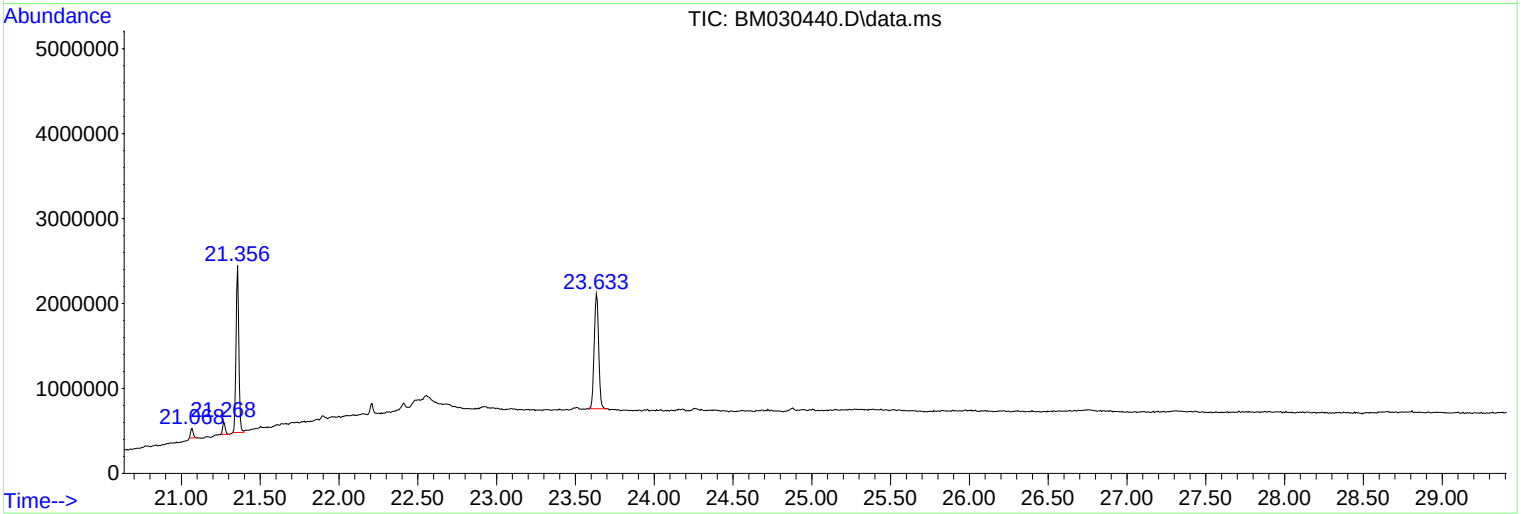
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







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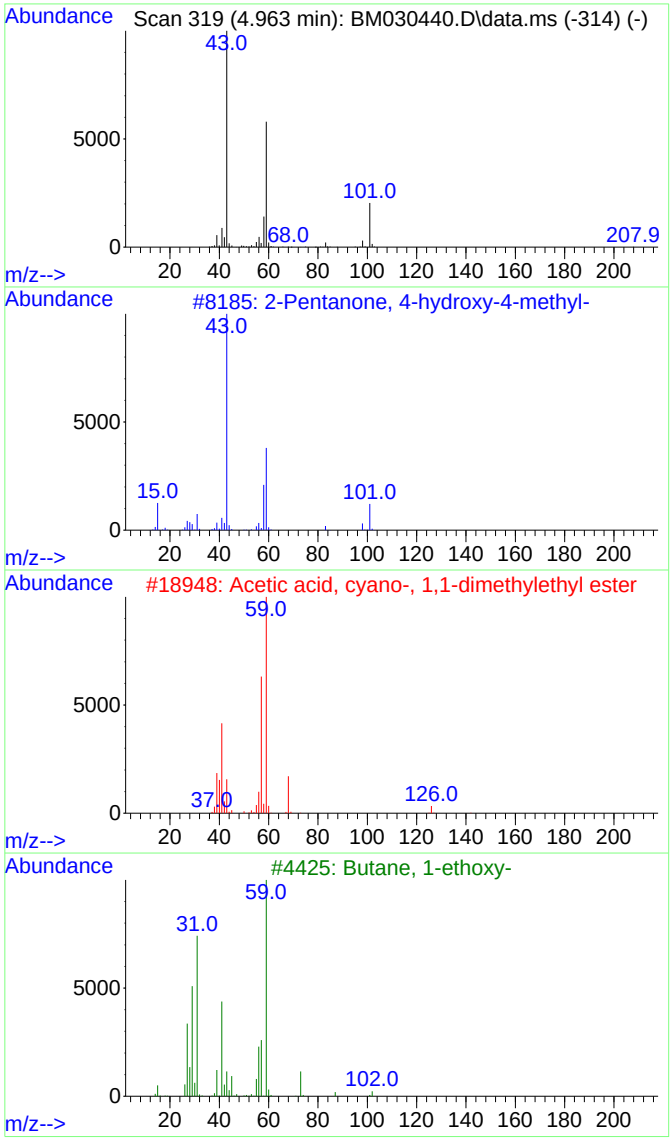
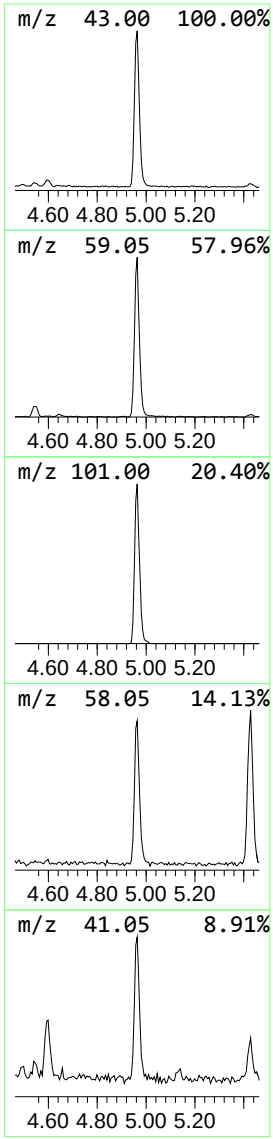
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.963	5.64 ng	277138	1,4-Dichlorobenzene-d4	7.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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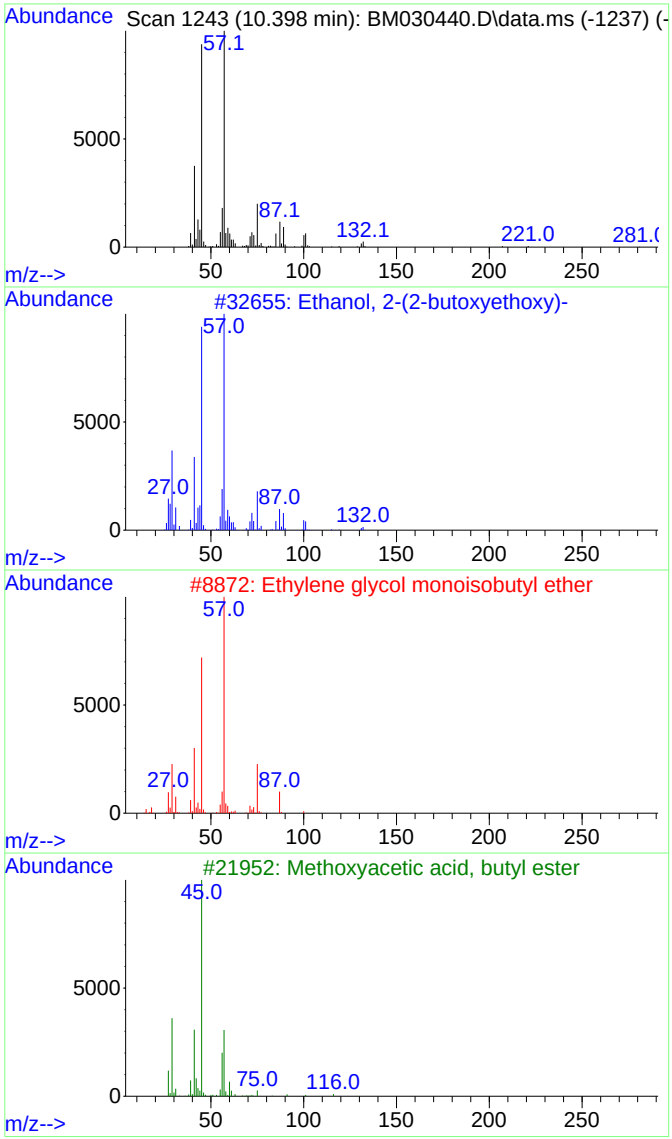
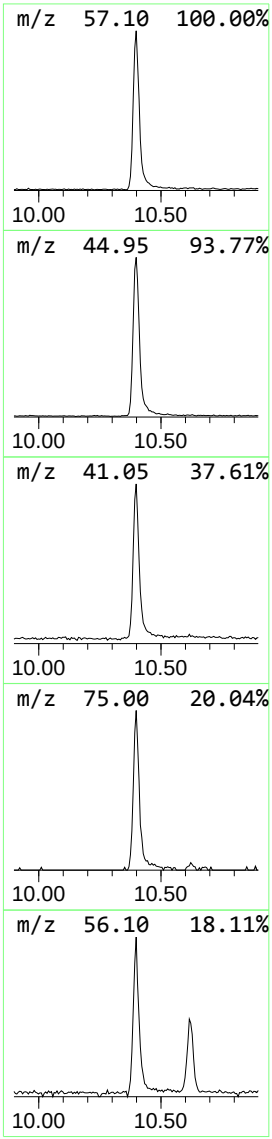
****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.398	6.05 ng	387423	Naphthalene-d8	10.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3	Methoxyacetic acid, butyl ester	146	C7H14O3	017640-22-1	53
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50
5	Di-sec-butyl ether	130	C8H18O	006863-58-7	50





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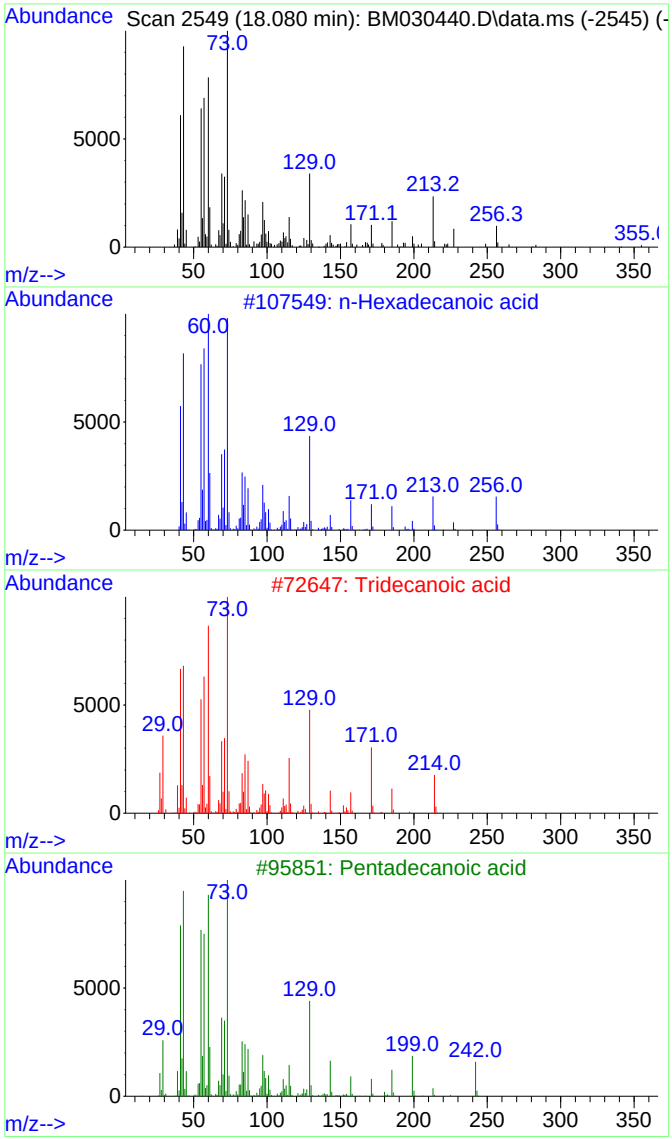
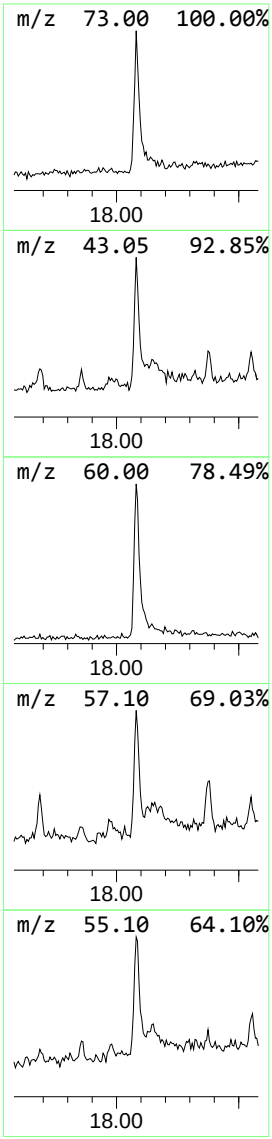
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.080	2.39 ng	237354	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Octadecanoic acid	284	C18H36O2	000057-11-4	70
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





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-...	4.963	5.6	ng	277138	1	7.834	981988	20.0
Ethanol, 2-(2-b...	10.398	6.0	ng	387423	2	10.622	1280020	20.0
n-Hexadecanoic ...	18.080	2.4	ng	237354	4	17.192	1986940	20.0