LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032404.D
Acq On : 08 Oct 2021 21:45
Operator : CG/JU
Sample : M4136-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PSC124027

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-BM100221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM032404.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.696	312	316	322	rBV	69611	96040	1.01%	0.139%
2	5.190	393	400	417	rBV	6209385	9227769	96.95%	13.388%
3	6.813	667	676	688	rBV	5830430	9454758	99.33%	13.717%
4	7.613	805	812	822	rBV	1364698	2094442	22.00%	3.039%
5	8.772	999	1009	1020	rBV	3687818	6061061	63.68%	8.793%
6	10.178	1240	1248	1259	rBV	604361	890178	9.35%	1.291%
7	10.401	1277	1286	1300	rBV	1812445	2926906	30.75%	4.246%
8	12.877	1700	1707	1720	rBV	6296012	9518451	100.00%	13.809%
9	14.260	1932	1942	1949	rBV	2457386	3461494	36.37%	5.022%
10	14.854	2038	2043	2047	rBV	71642	106800	1.12%	0.155%
11	15.748	2188	2195	2218	rBV	4980933	7220425	75.86%	10.475%
12	16.654	2344	2349	2356	rVB	89435	126118	1.32%	0.183%
13	16.989	2399	2406	2411	rBV	2403665	3358910	35.29%	4.873%
14	17.030	2411	2413	2418	rVB	109469	117973	1.24%	0.171%
15	17.877	2550	2557	2566	rBV2	178431	338098	3.55%	0.491%
16	19.036	2750	2754	2760	rBV	186509	240916	2.53%	0.350%
17	19.400	2812	2816	2822	rVB	155408	222830	2.34%	0.323%
18	19.600	2845	2850	2856	rBV	5794385	7513108	78.93%	10.900%
19	20.853	3060	3063	3072	rBV3	269713	403743	4.24%	0.586%
20	21.065	3095	3099	3103	rBV	394895	429099	4.51%	0.623%
21	21.153	3109	3114	3118	rBV	2091396	2553504	26.83%	3.705%
22	23.294	3473	3478	3486	rVB2	1475424	2564957	26.95%	3.721%

Sum of corrected areas: 68927580

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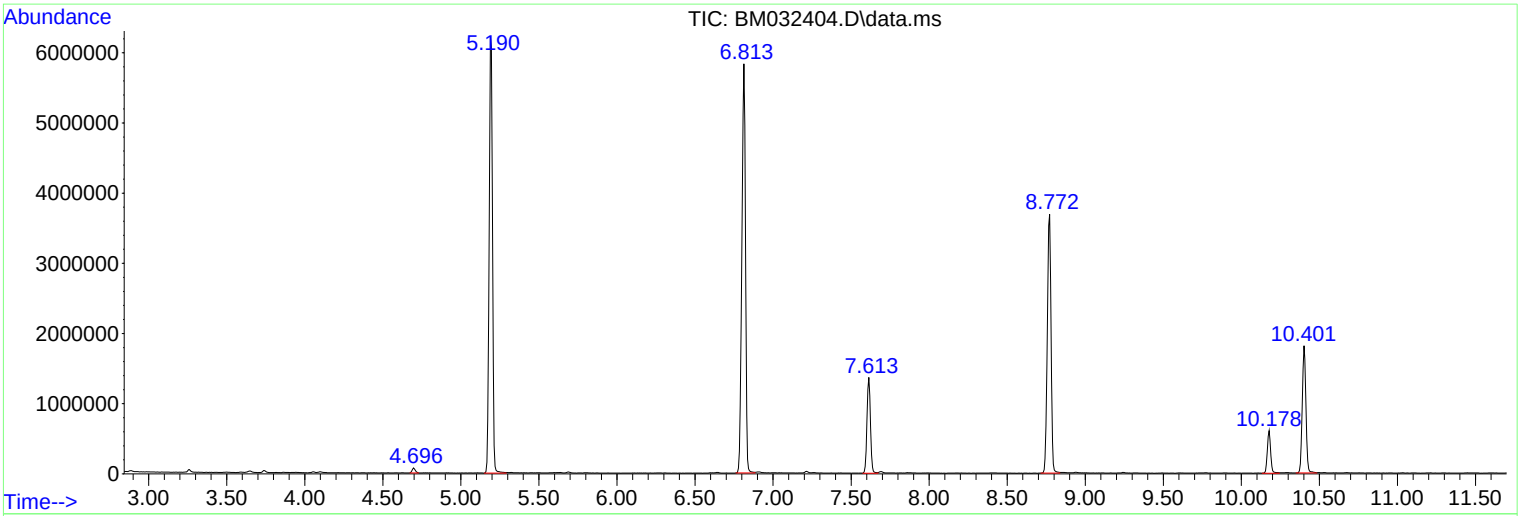
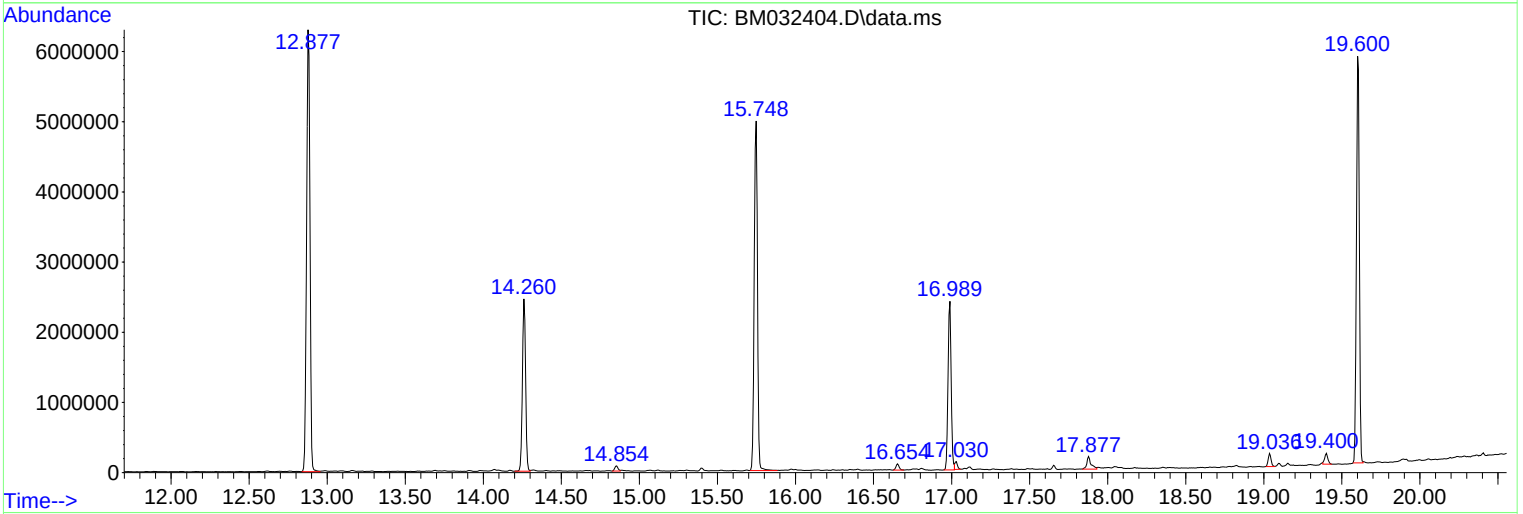
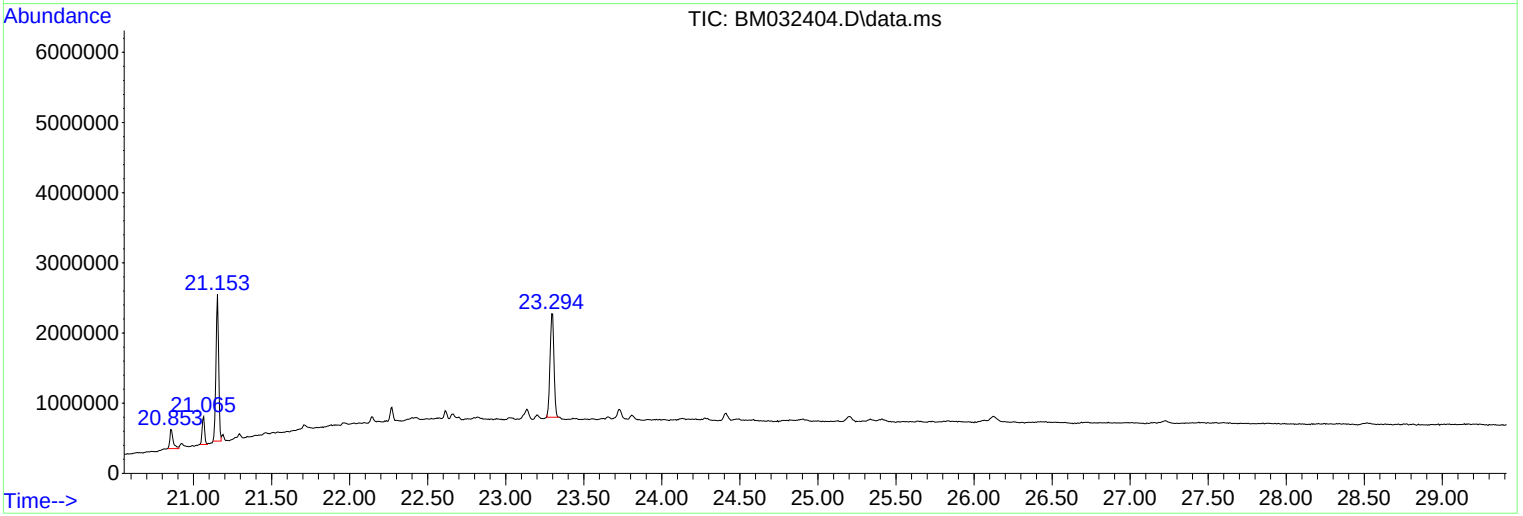
PSC124027

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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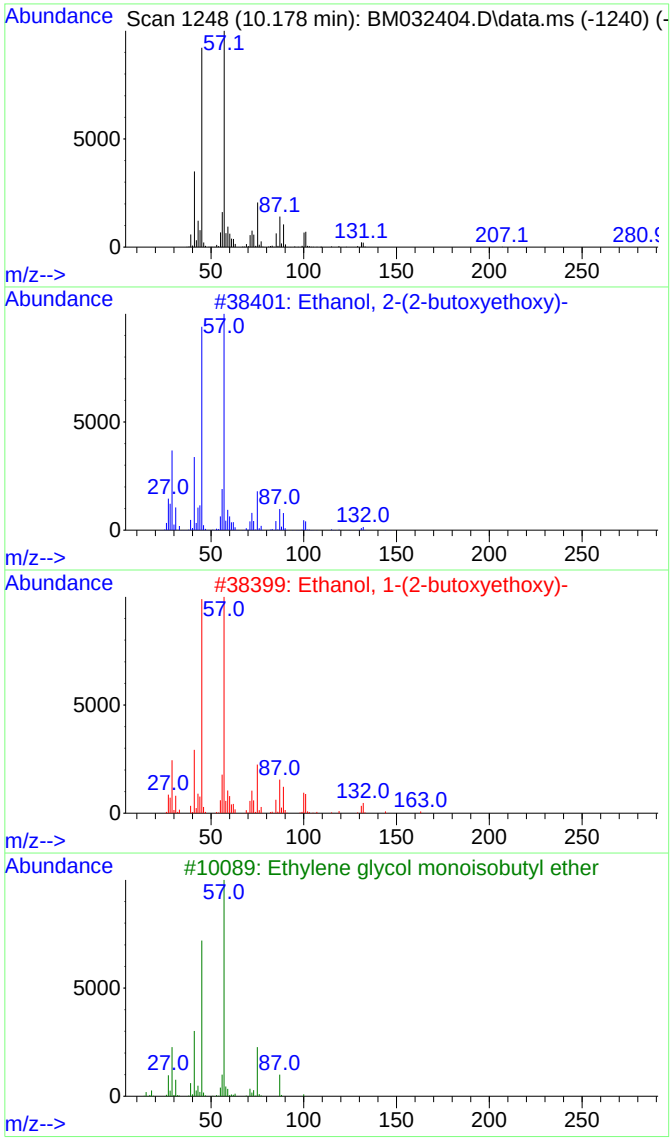
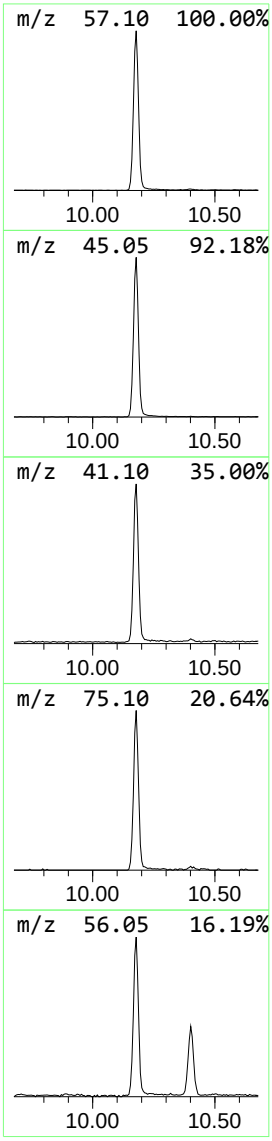
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.178	6.08 ng	890178	Naphthalene-d8	10.401

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	59
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56





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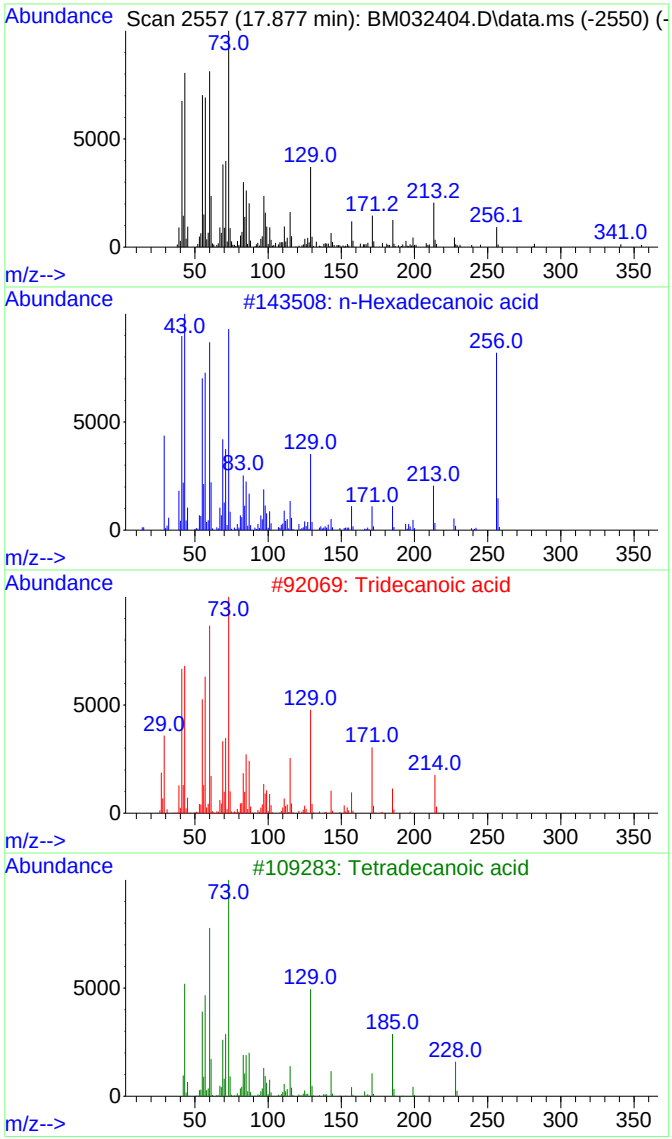
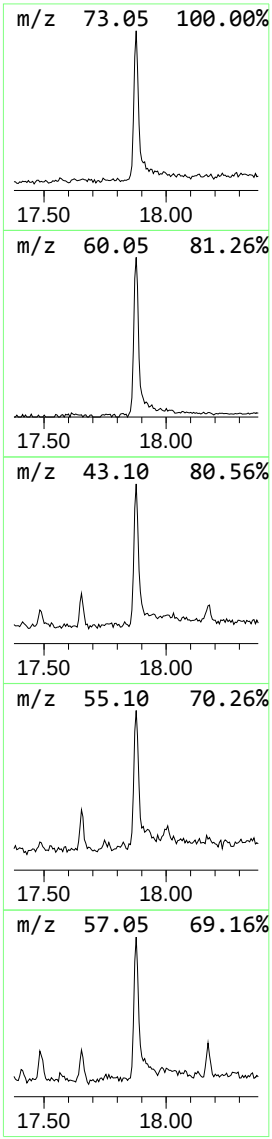
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.877	2.01 ng	338098	Phenanthrene-d10	16.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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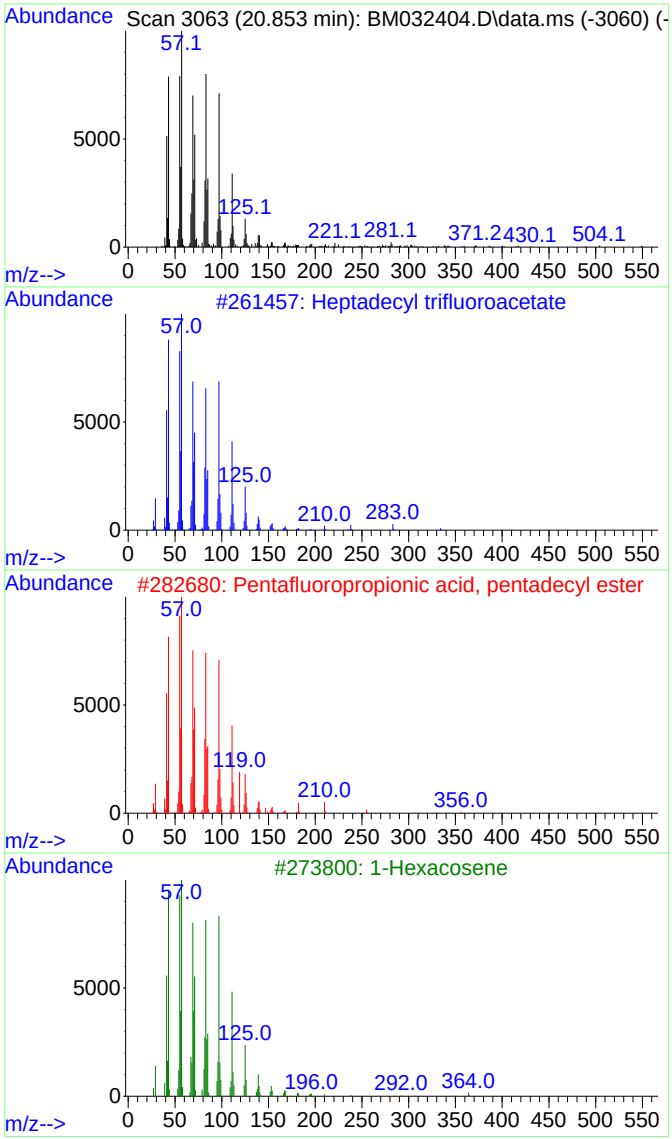
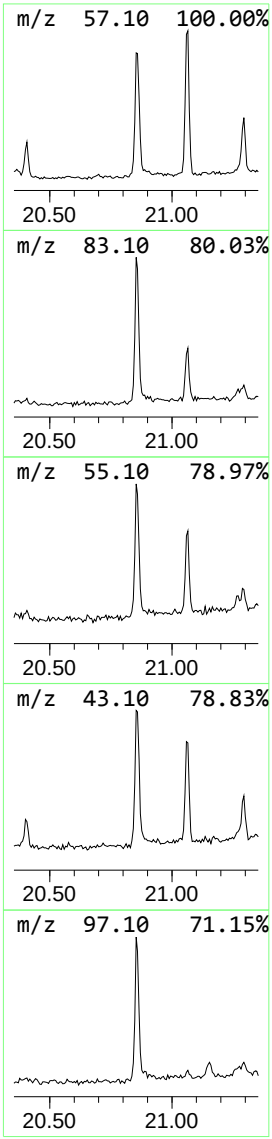
Peak Number 3 Heptadecyl trifluoroacetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.853	3.16 ng	403743	Chrysene-d12	21.153

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	93
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
3	1-Hexacosene	364	C26H52	018835-33-1	91
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	Cyclotetracosane	336	C24H48	000297-03-0	91





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.178	6.1	ng	890178	2	10.401	2926910	20.0
n-Hexadecanoic ...	17.877	2.0	ng	338098	4	16.989	3358910	20.0
Heptadecyl trif...	20.853	3.2	ng	403743	5	21.153	2553500	20.0