LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
Data File : BM041190.D
Acq On : 31 Jul 2023 15:34
Operator : MA/JU
Sample : 03742-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-P33A

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-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041190.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	364	371	385	rBV	1654009	2324843	48.40%	8.273%
2	6.975	637	644	666	rBV	1585053	2492923	51.90%	8.871%
3	7.798	776	784	793	rBV	553824	844926	17.59%	3.007%
4	8.975	976	984	1006	rBV	942603	1560623	32.49%	5.554%
5	10.604	1253	1261	1277	rBV	647859	1130893	23.54%	4.024%
6	11.580	1421	1427	1437	rBV	41623	110526	2.30%	0.393%
7	11.833	1464	1470	1479	rBV2	37573	64638	1.35%	0.230%
8	13.080	1675	1682	1696	rBV	2382879	3445830	71.73%	12.262%
9	14.463	1911	1917	1926	rBV	934007	1369254	28.50%	4.873%
10	15.962	2162	2172	2182	rBV	1866841	2541426	52.91%	9.044%
11	17.221	2380	2386	2392	rBV	1162382	1585326	33.00%	5.641%
12	18.121	2534	2539	2550	rVV2	255337	433222	9.02%	1.542%
13	19.027	2688	2693	2698	rBV3	41394	88826	1.85%	0.316%
14	19.292	2733	2738	2745	rBV	136896	220232	4.58%	0.784%
15	19.403	2754	2757	2766	rVB	113790	167047	3.48%	0.594%
16	19.545	2778	2781	2788	rVB4	30244	53368	1.11%	0.190%
17	19.650	2792	2799	2807	rVV	176663	302041	6.29%	1.075%
18	19.856	2829	2834	2844	rBV	3897545	4803624	100.00%	17.094%
19	20.450	2932	2935	2938	rBV3	46259	59651	1.24%	0.212%
20	20.497	2940	2943	2947	rVV2	60930	79869	1.66%	0.284%
21	21.139	3048	3052	3061	rBV2	214027	351298	7.31%	1.250%
22	21.333	3082	3085	3089	rVB	297946	294871	6.14%	1.049%
23	21.427	3095	3101	3105	rBV	1388635	1952281	40.64%	6.947%
24	23.791	3498	3503	3511	rVB	1015989	1823657	37.96%	6.490%

Sum of corrected areas: 28101195

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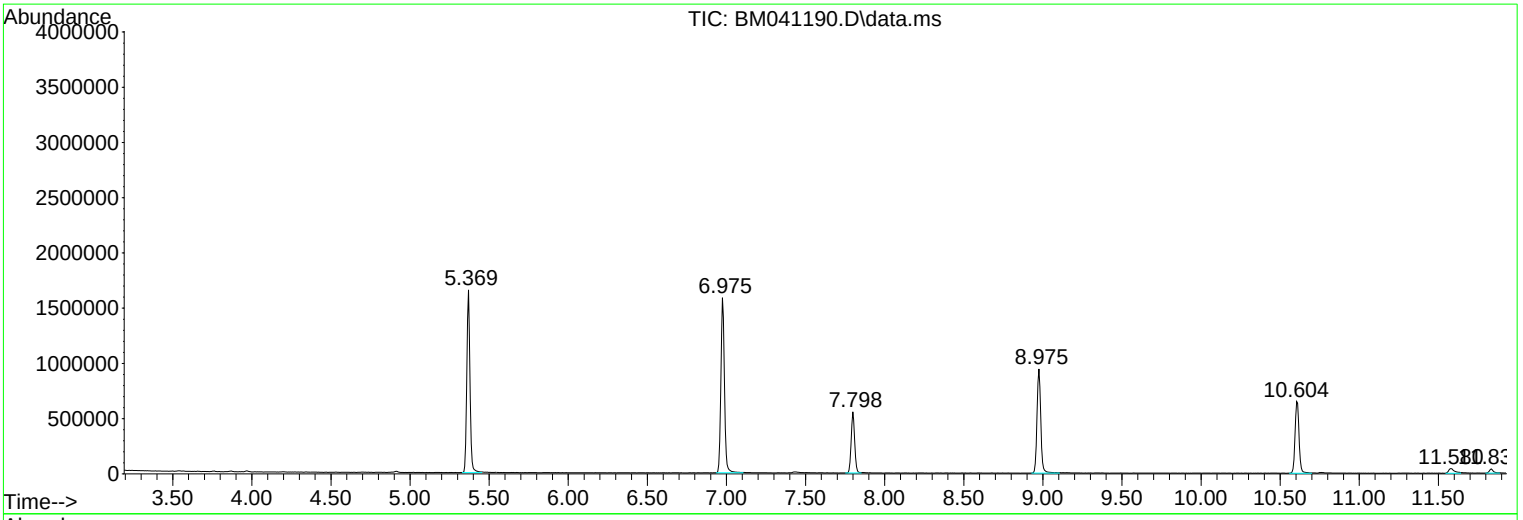
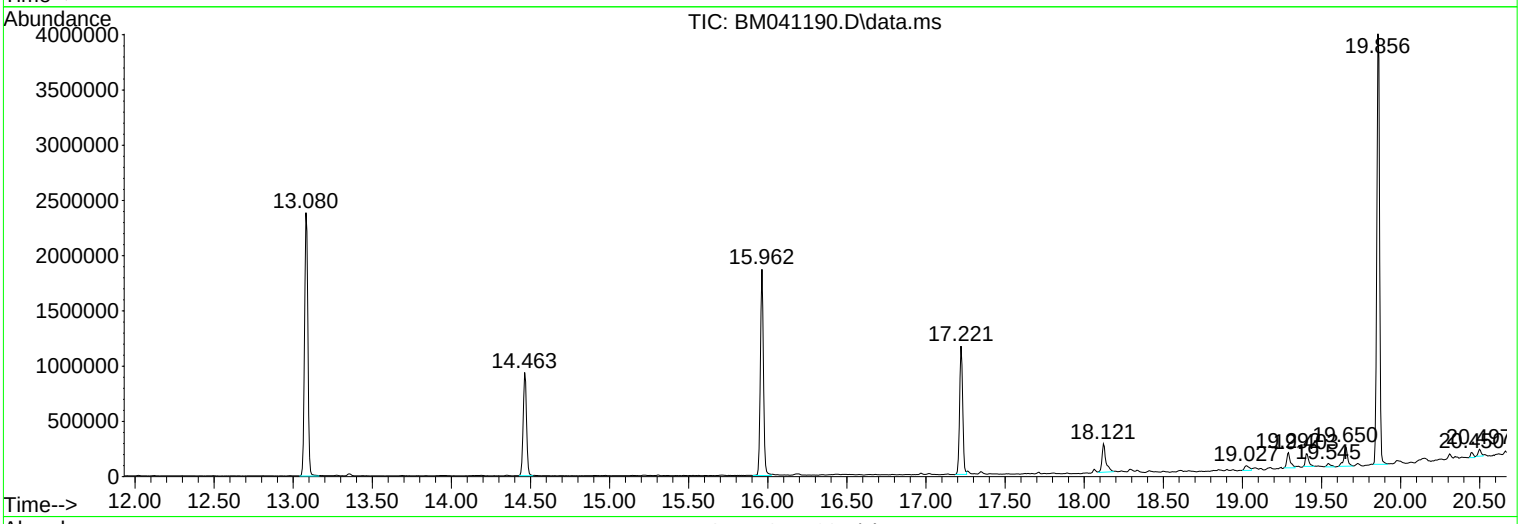
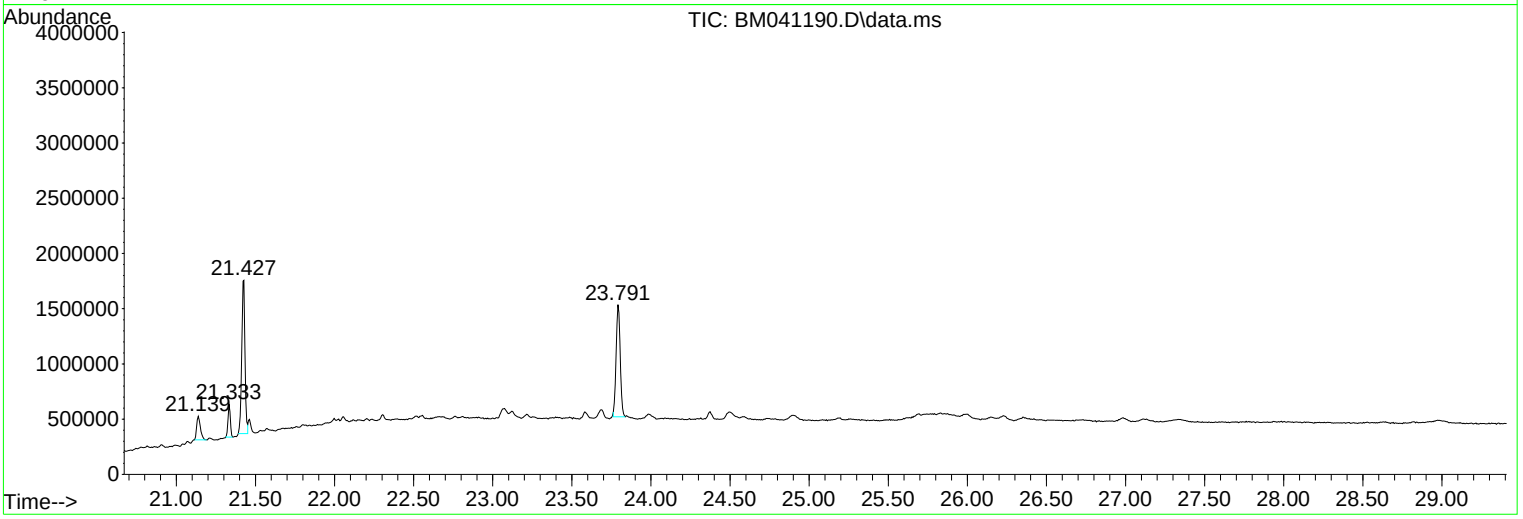
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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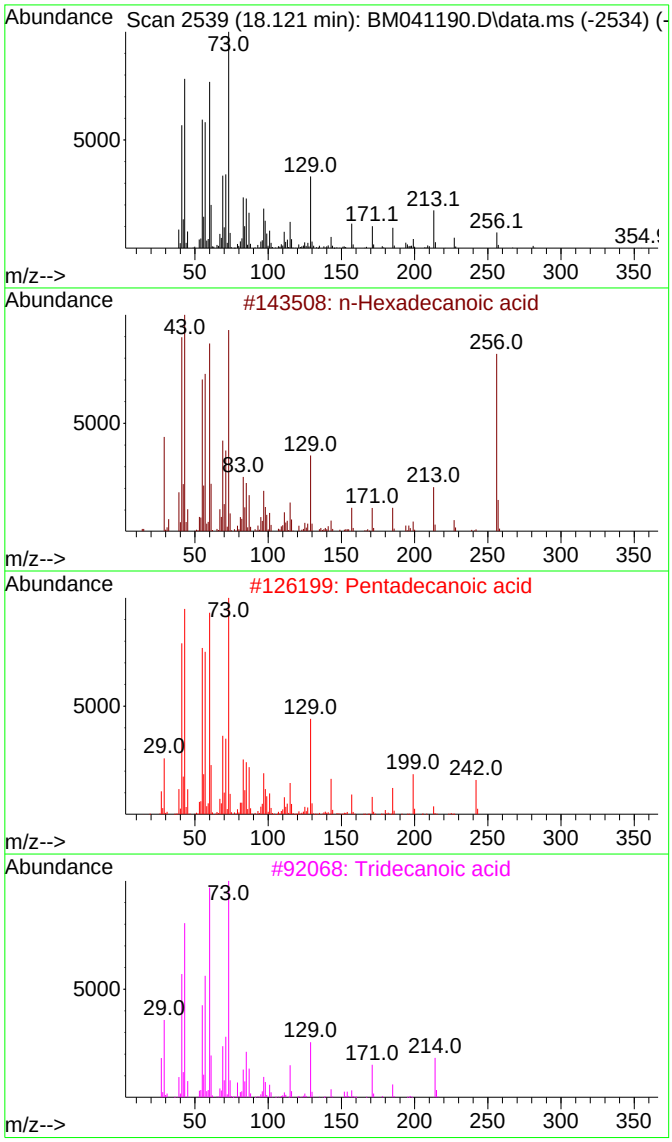
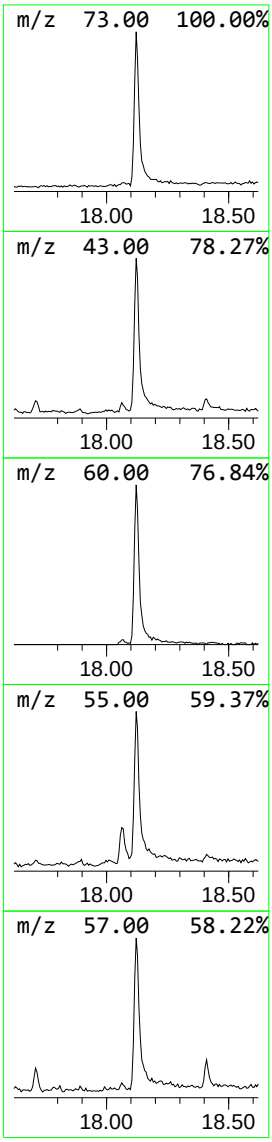
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	5.47 ng	433222	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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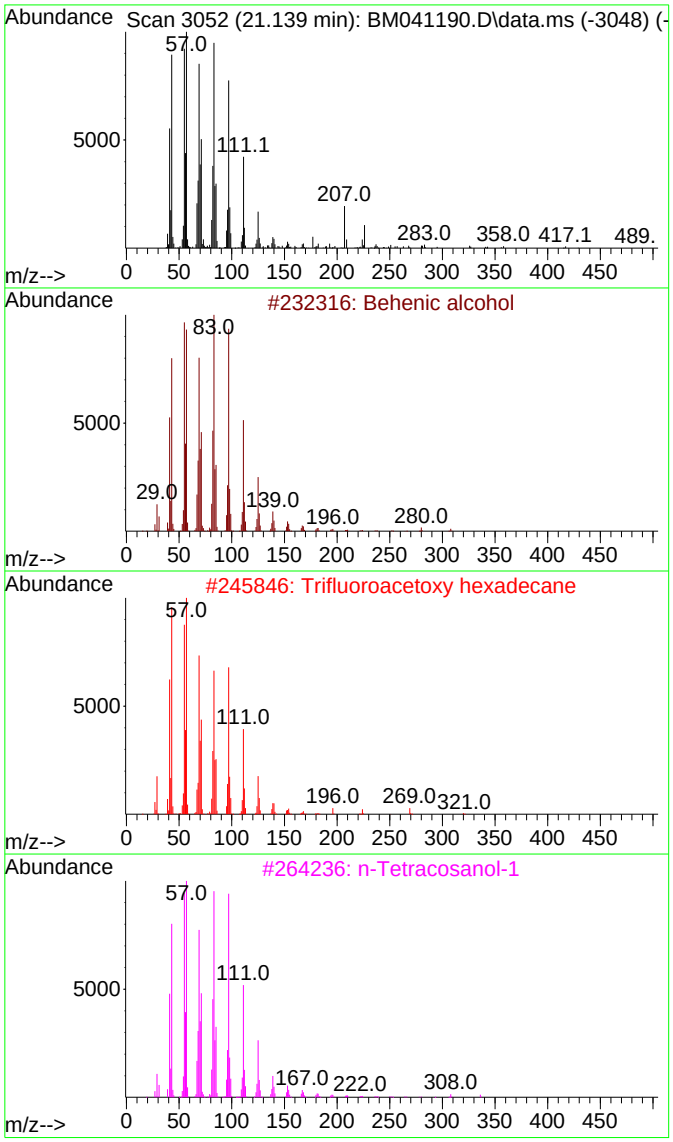
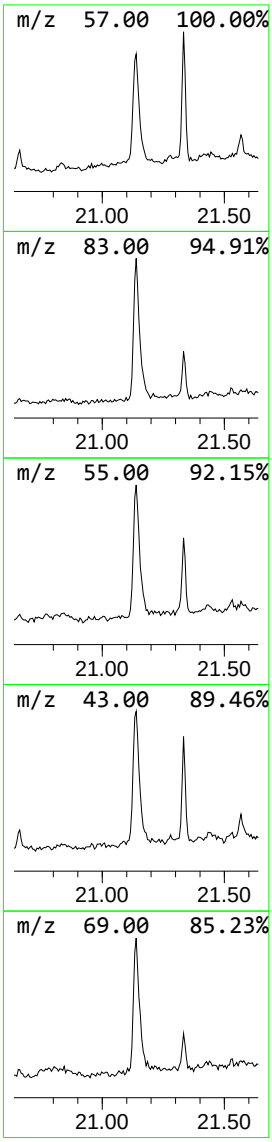
Peak Number 3 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.139	3.60 ng	351298	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Pentacos-1-ene	350	C25H50	016980-85-1	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





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
n-Hexadecanoic ...	18.121	5.5	ng	433222	4	17.221	1585330	20.0
Behenic alcohol	21.139	3.6	ng	351298	5	21.427	1952280	20.0