

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
 Data File : BM034316.D
 Acq On : 22 Mar 2022 18:50
 Operator : CG/JU
 Sample : N1977-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-12-20220315-19.0-20.0

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-BM031522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034316.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.431	368	373	377	rBV	40699	56721	1.13%	0.198%
2	5.490	377	383	393	rBV	1894430	2760265	54.78%	9.649%
3	7.095	647	656	668	rBV	1835758	2837440	56.32%	9.919%
4	7.937	792	799	807	rBV	548970	876231	17.39%	3.063%
5	9.101	989	997	1006	rBV	1012388	1715038	34.04%	5.995%
6	10.748	1270	1277	1285	rBV	672637	1172739	23.28%	4.099%
7	13.207	1686	1695	1709	rBV	2369927	3361636	66.72%	11.751%
8	14.577	1922	1928	1936	rBV	1023052	1461589	29.01%	5.109%
9	16.060	2174	2180	2196	rBV	2068749	2893585	57.43%	10.115%
10	17.318	2388	2394	2400	rBV	1181875	1692842	33.60%	5.918%
11	18.212	2540	2546	2556	rBV4	113361	203628	4.04%	0.712%
12	19.730	2801	2804	2813	rVB	41714	71468	1.42%	0.250%
13	19.936	2833	2839	2851	rBV	4080652	5038386	100.00%	17.612%
14	21.200	3050	3054	3061	rBV	320715	396397	7.87%	1.386%
15	21.489	3098	3103	3116	rBV	1423434	2067840	41.04%	7.228%
16	23.900	3507	3513	3529	rVB2	948281	2001377	39.72%	6.996%

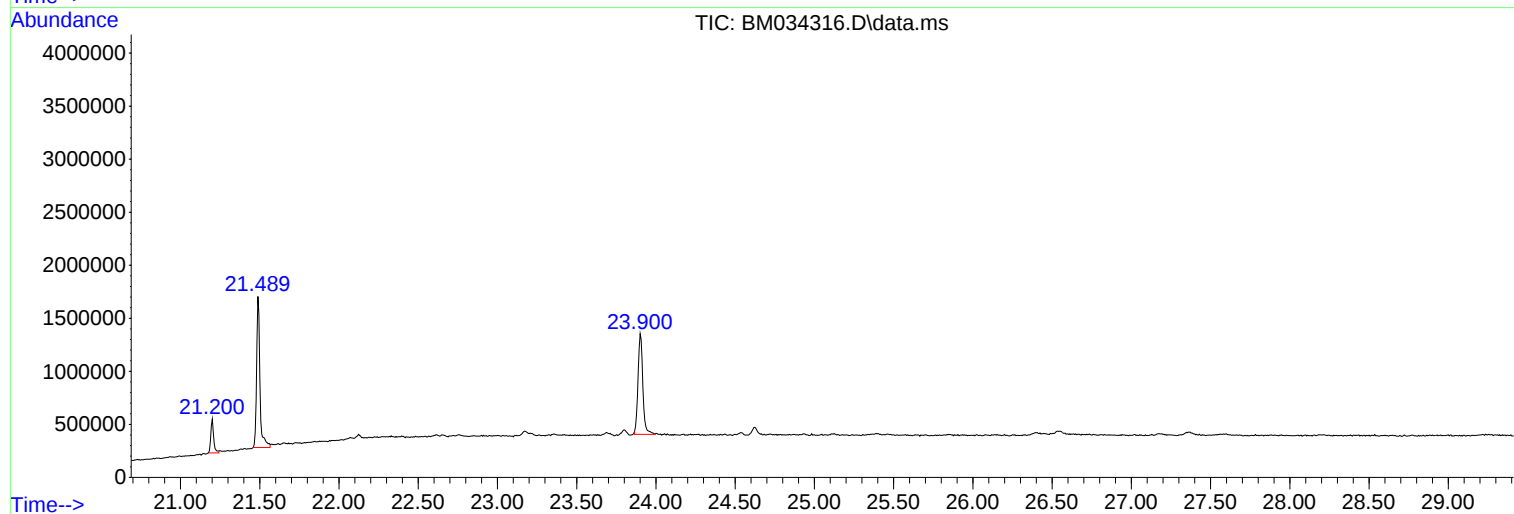
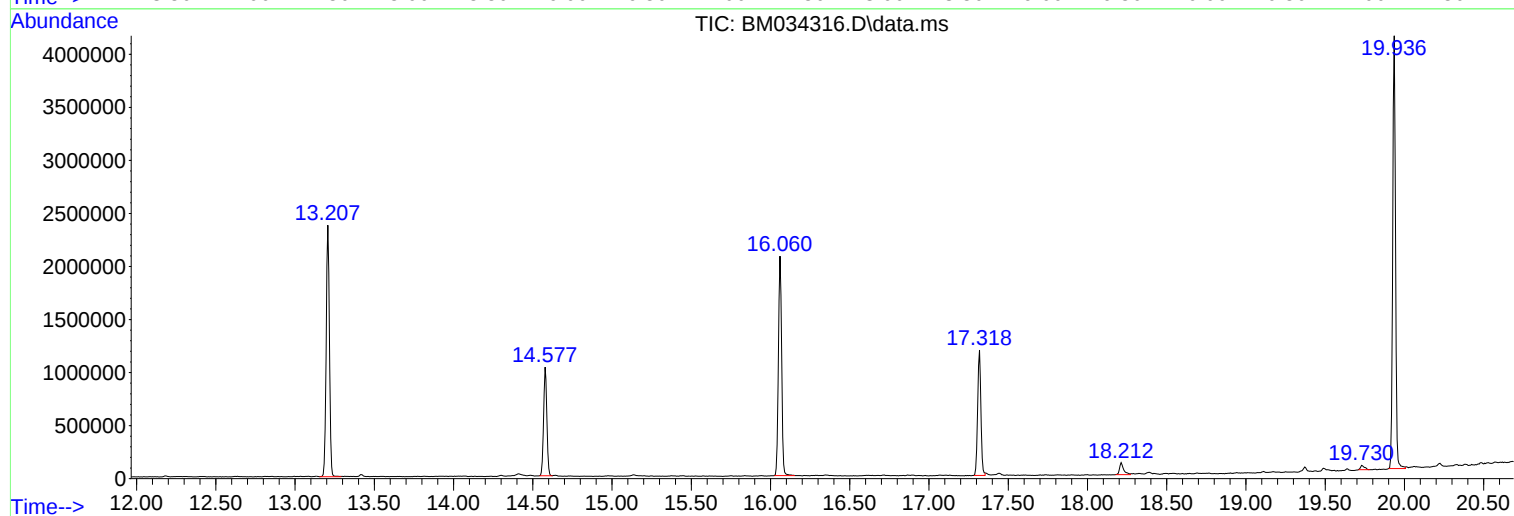
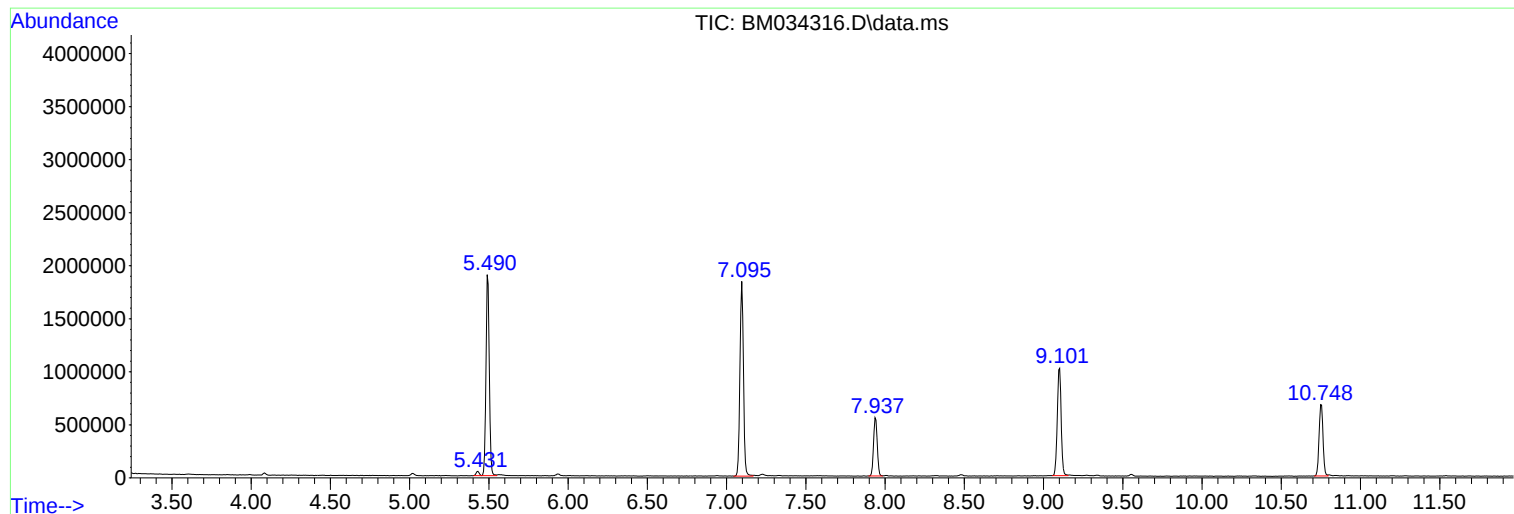
Sum of corrected areas: 28607182

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.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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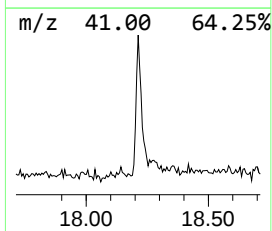
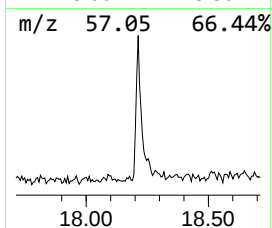
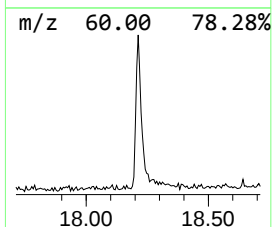
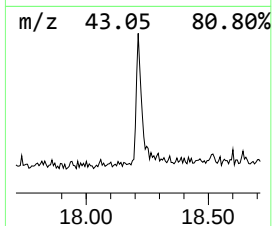
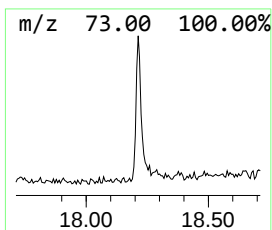
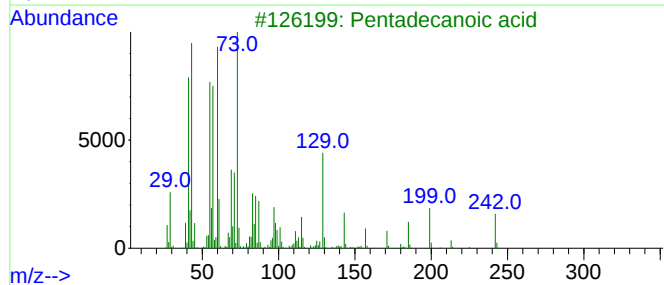
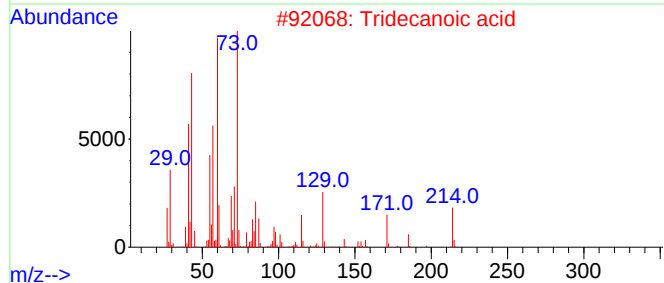
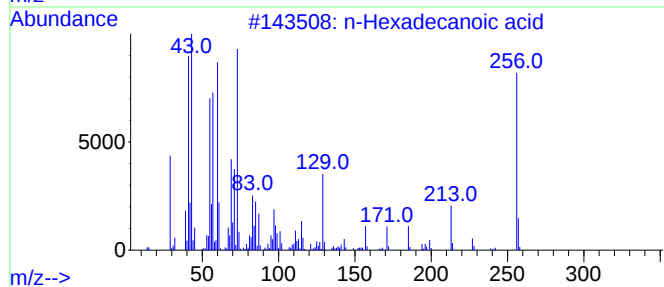
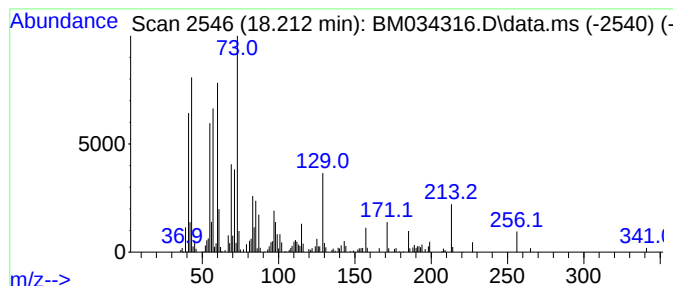
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.212	2.41 ng	203628	Phenanthrene-d10	17.318

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	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	58



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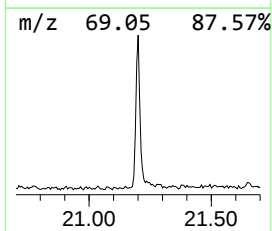
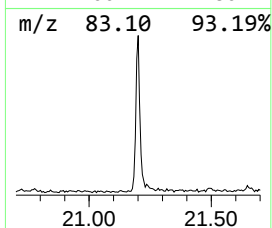
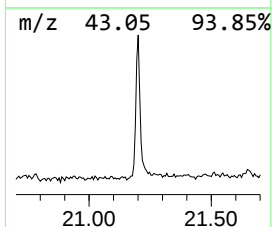
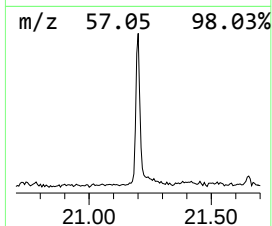
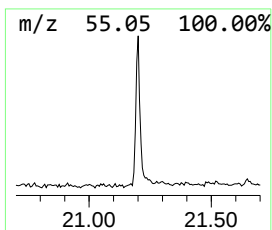
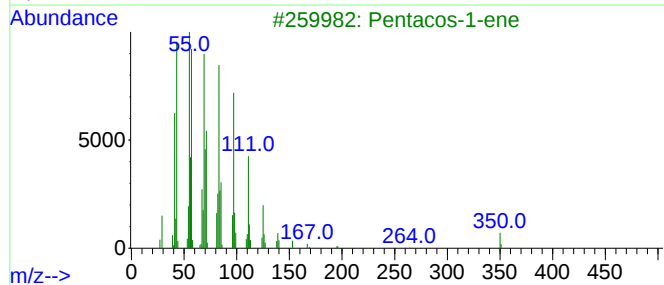
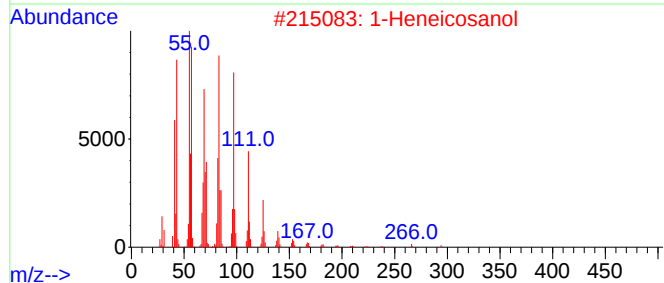
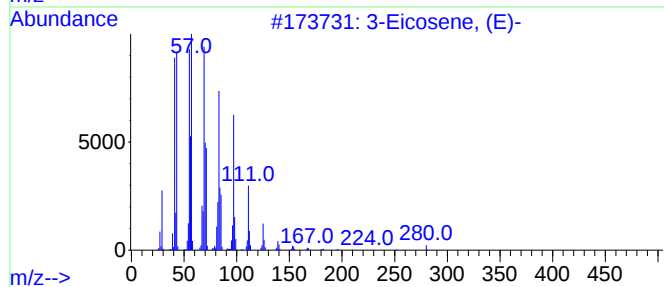
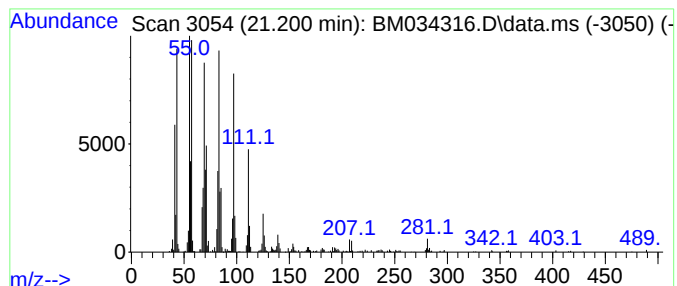
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Peak Number 2 3-Eicosene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.200	3.83 ng	396397	Chrysene-d12	21.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2			1-Heneicosanol	312	C21H44O	015594-90-8	95
3			Pentacos-1-ene	350	C25H50	016980-85-1	94
4			1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.212	2.4	ng	203628	4	17.318	1692840	20.0
3-Eicosene, (E)-	21.200	3.8	ng	396397	5	21.489	2067840	20.0