

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042221\
 Data File : BM029611.D
 Acq On : 23 Apr 2021 01:35
 Operator : CG/JU
 Sample : M2106-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-27-0-2.0

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-BM042121.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029611.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.228	392	398	412	rBV	985161	1439748	42.73%	8.518%
2	6.810	660	667	685	rBV	953164	1539252	45.68%	9.106%
3	7.628	799	806	817	rBV	263123	432811	12.84%	2.561%
4	8.787	996	1003	1019	rBV	552383	951351	28.23%	5.628%
5	10.410	1271	1279	1289	rBV	319826	546064	16.21%	3.231%
6	12.892	1694	1701	1718	rBV	1583430	2282670	67.74%	13.504%
7	13.739	1839	1845	1853	rBV	27091	42626	1.26%	0.252%
8	14.274	1930	1936	1946	rBV	509041	742874	22.05%	4.395%
9	15.769	2183	2190	2202	rBV	1219906	1741197	51.67%	10.301%
10	17.021	2396	2403	2408	rBV	581411	861721	25.57%	5.098%
11	17.927	2552	2557	2569	rBV	78733	127226	3.78%	0.753%
12	19.074	2747	2752	2757	rBV	33854	55254	1.64%	0.327%
13	19.209	2771	2775	2780	rBV4	22414	35363	1.05%	0.209%
14	19.439	2807	2814	2817	rBV	36153	59002	1.75%	0.349%
15	19.651	2844	2850	2860	rBV	2811472	3369705	100.00%	19.935%
16	20.927	3063	3067	3078	rBV	235247	317951	9.44%	1.881%
17	21.198	3108	3113	3123	rBV	838289	1168071	34.66%	6.910%
18	23.386	3479	3485	3499	rVB2	621183	1190421	35.33%	7.043%

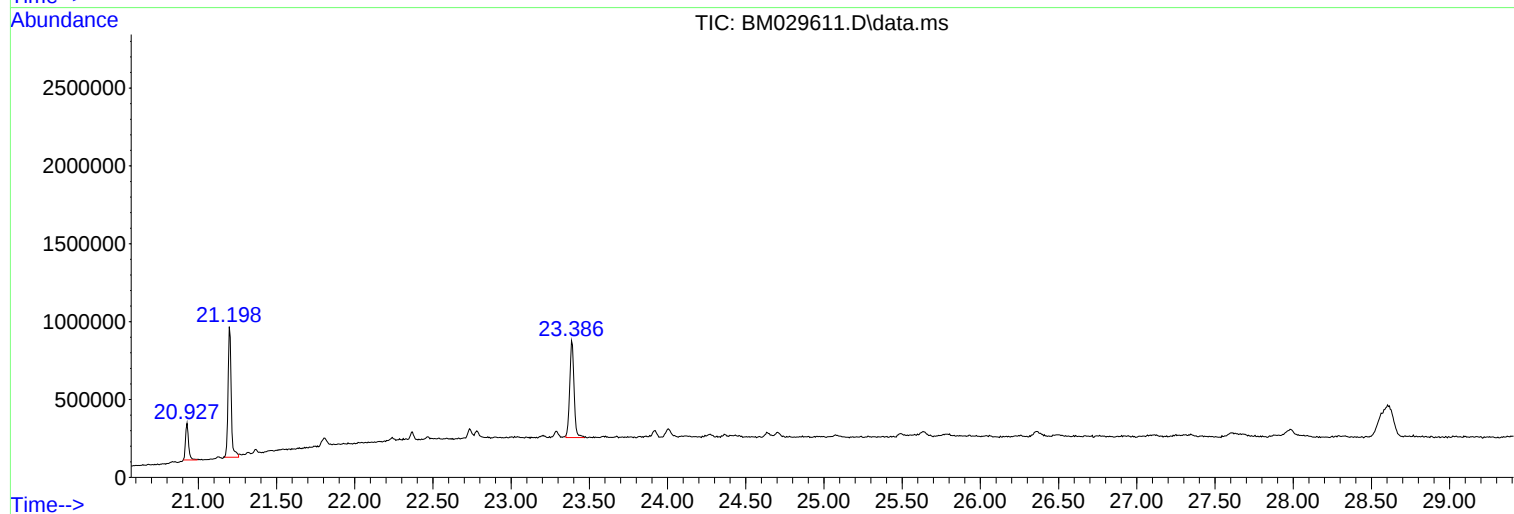
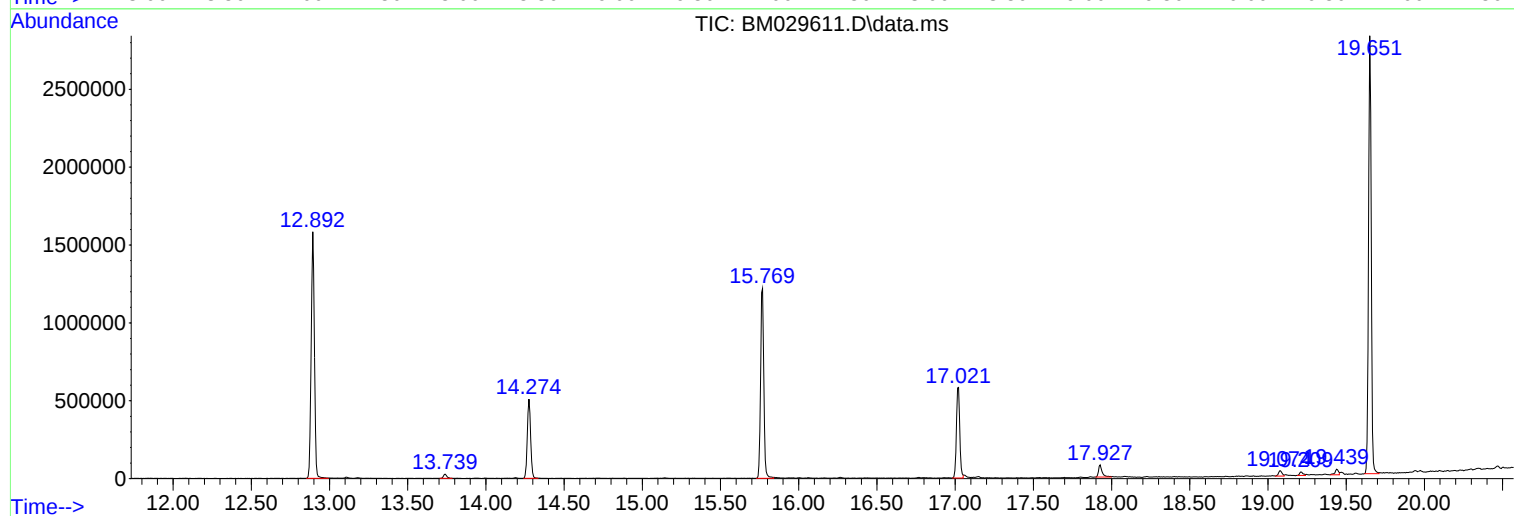
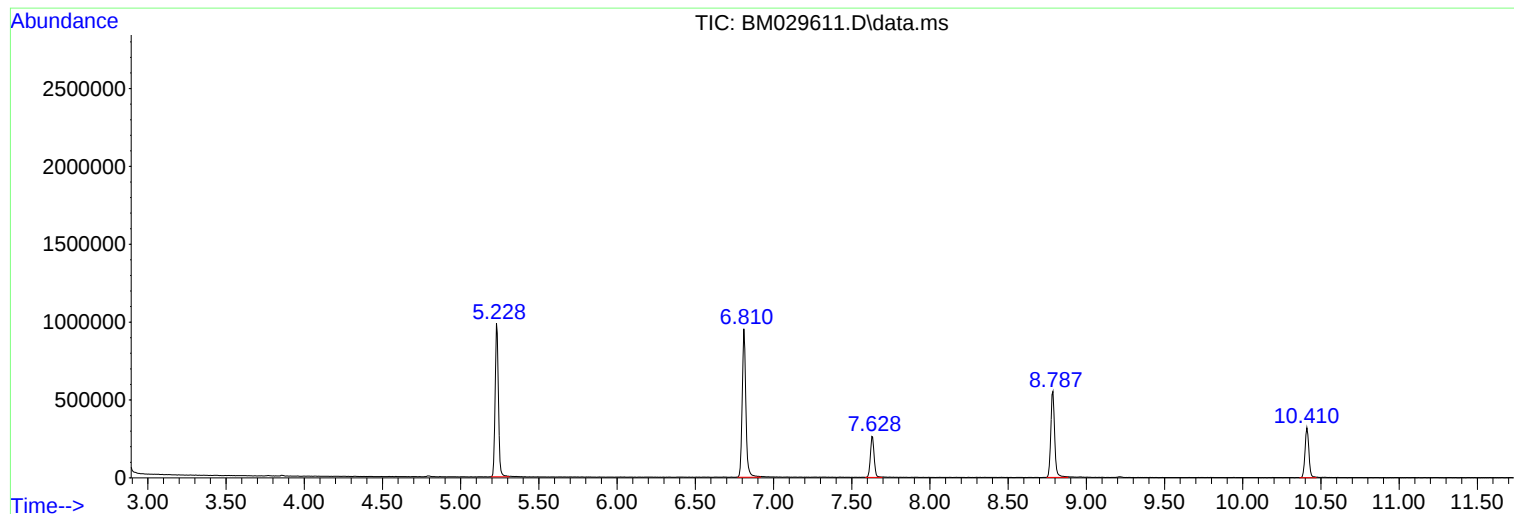
Sum of corrected areas: 16903307

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.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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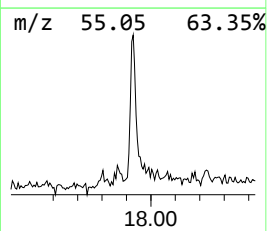
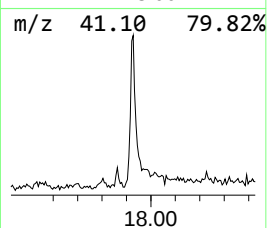
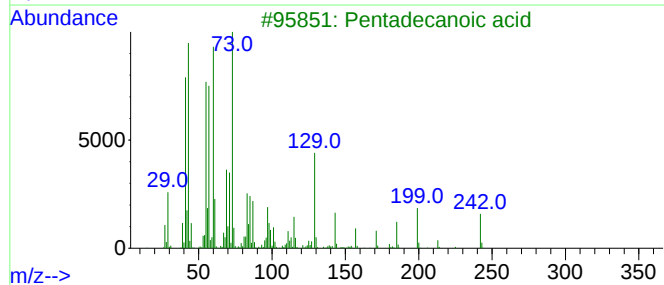
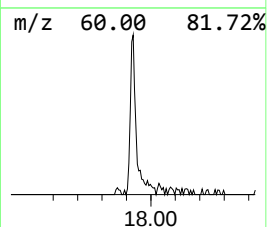
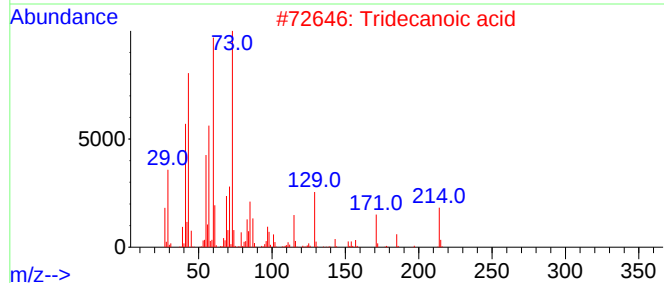
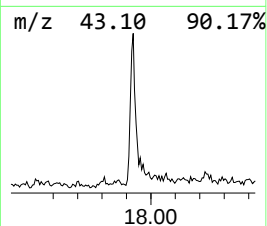
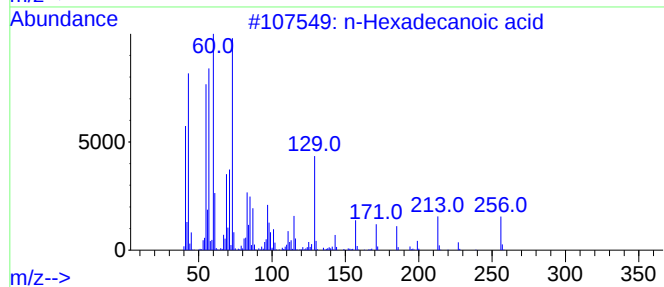
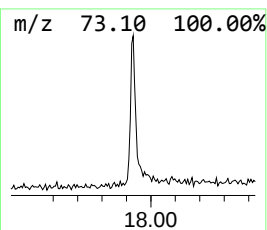
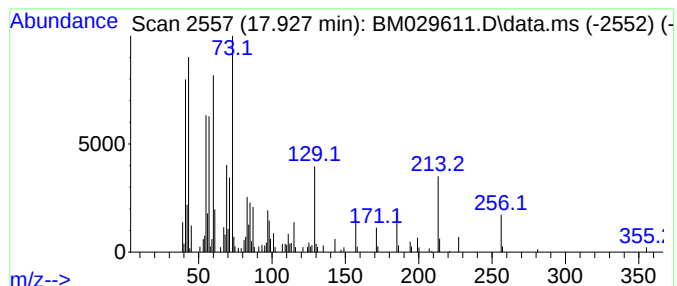
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
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TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	2.95 ng	127226	Phenanthrene-d10	17.021

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	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Octadecanoic acid	284	C18H36O2	000057-11-4	81
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	74



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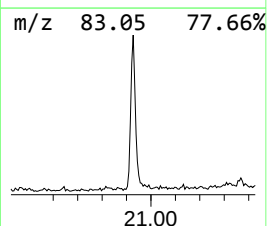
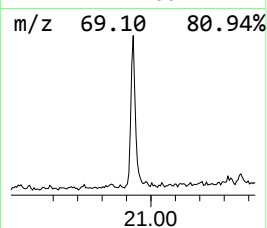
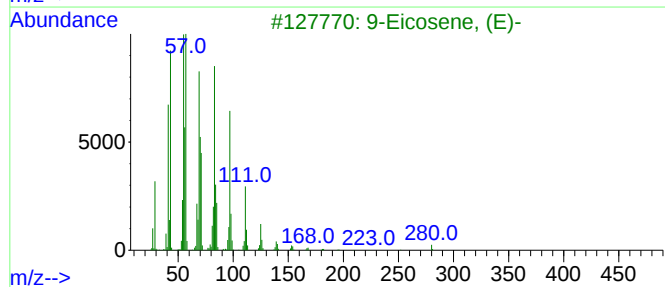
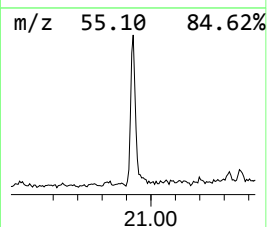
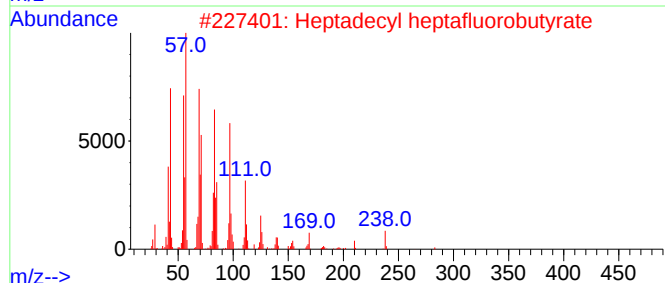
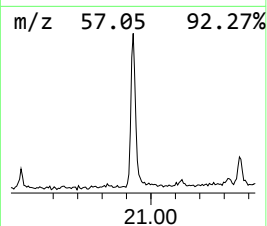
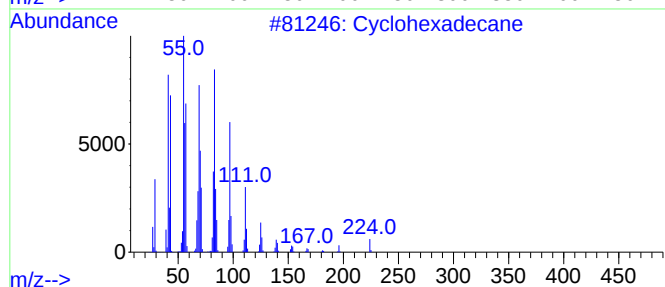
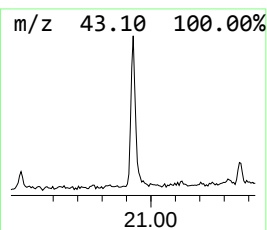
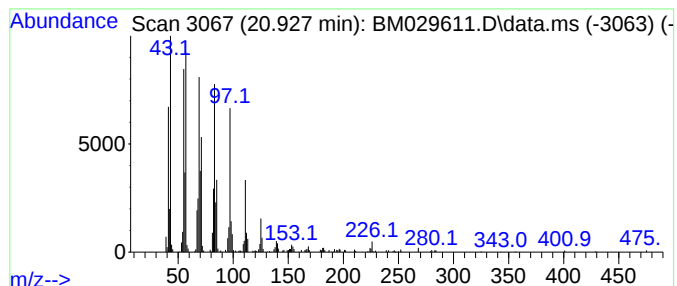
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Peak Number 2 Cyclohexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.927	5.44 ng	317951	Chrysene-d12	21.198

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	96
2			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3			9-Eicosene, (E)-	280	C20H40	074685-29-3	93
4			Z-8-Hexadecene	224	C16H32	1000130-87-5	93
5			Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	17.927	3.0	ng	127226	4	17.021	861721	20.0
Cyclohexadecane	20.927	5.4	ng	317951	5	21.198	1168070	20.0