

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
 Data File : BG060390.D
 Acq On : 22 Jan 2024 18:27
 Operator : MA/JU
 Sample : P1207-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EC68-NORTH

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_G\Methods\8270-BG010824.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060390.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.505	404	411	427	rBV	2863740	4680823	29.52%	6.998%
2	7.091	674	681	699	rBV	2996623	5263493	33.19%	7.869%
3	7.925	816	823	836	rBV	600585	1060717	6.69%	1.586%
4	9.089	1014	1021	1032	rBV	1894785	3343755	21.09%	4.999%
5	10.728	1291	1300	1310	rBV	936317	1705473	10.76%	2.550%
6	13.184	1709	1718	1734	rBV	6179476	9868825	62.24%	14.754%
7	14.565	1946	1953	1961	rBV	1797063	2835368	17.88%	4.239%
8	16.057	2198	2207	2222	rBV	5376442	8527842	53.78%	12.749%
9	17.314	2413	2421	2427	rBV	2341289	3776132	23.81%	5.645%
10	18.196	2566	2571	2582	rBV	314613	549754	3.47%	0.822%
11	19.929	2860	2866	2877	rBV	11193097	15856576	100.00%	23.705%
12	21.216	3081	3085	3095	rBV	648586	959154	6.05%	1.434%
13	21.574	3140	3146	3159	rVB	2468035	4084684	25.76%	6.107%
14	23.219	3423	3426	3433	rVB2	165718	272770	1.72%	0.408%
15	24.741	3676	3685	3698	rVB	1500165	4105210	25.89%	6.137%

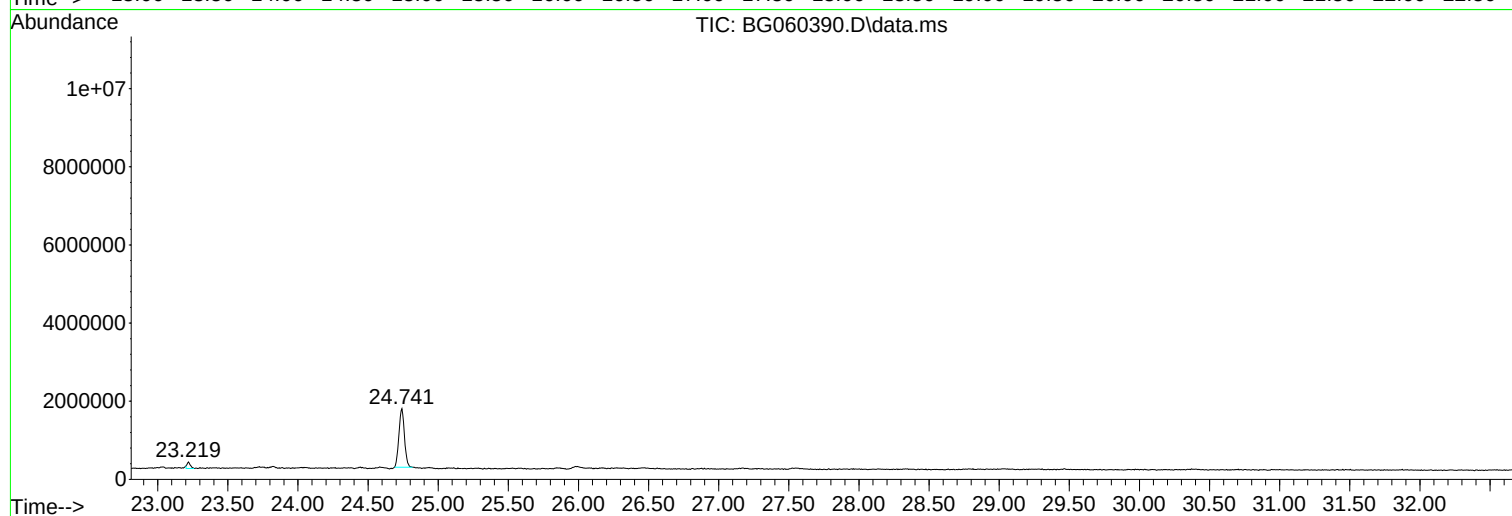
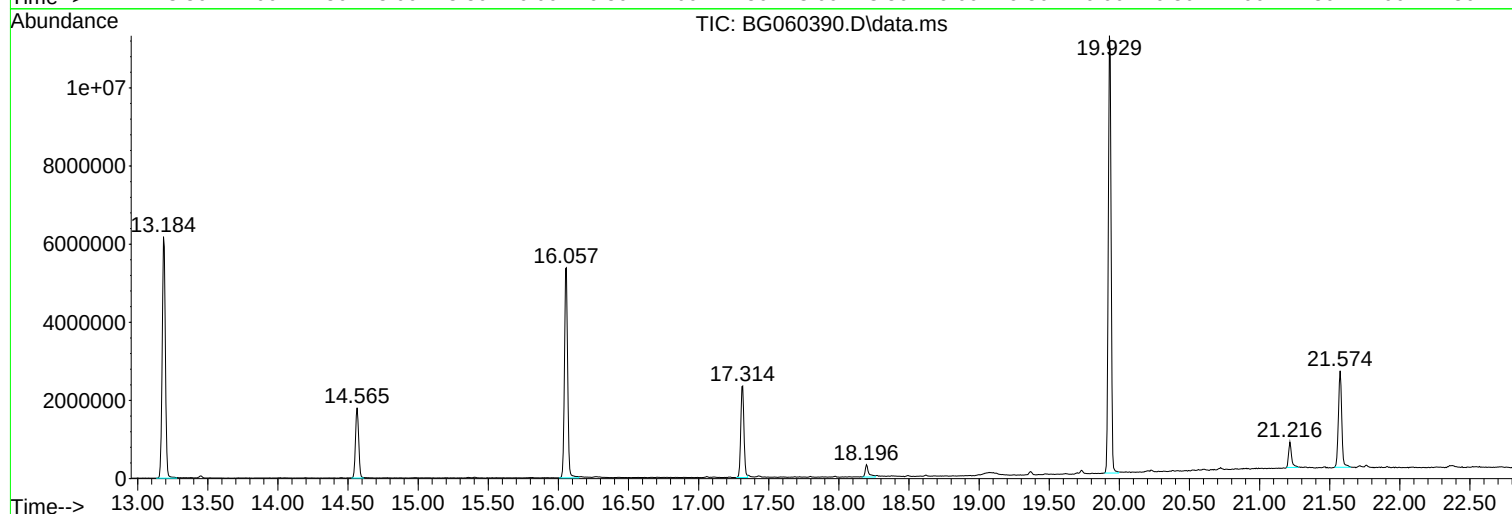
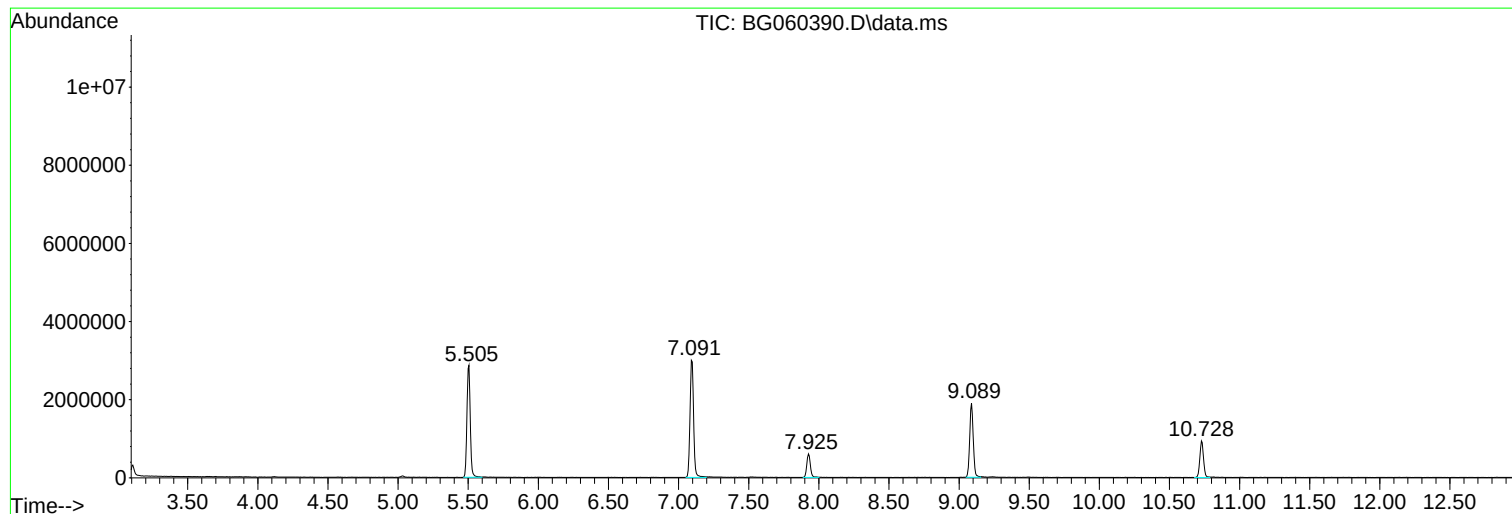
Sum of corrected areas: 66890576

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.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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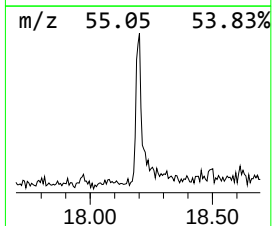
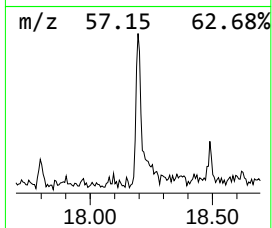
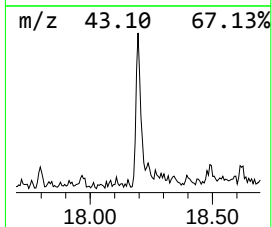
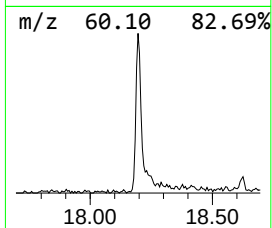
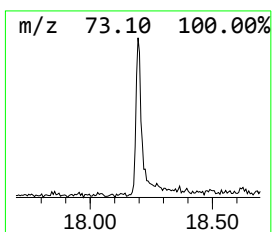
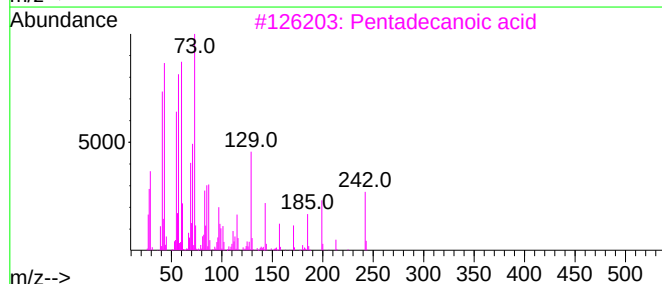
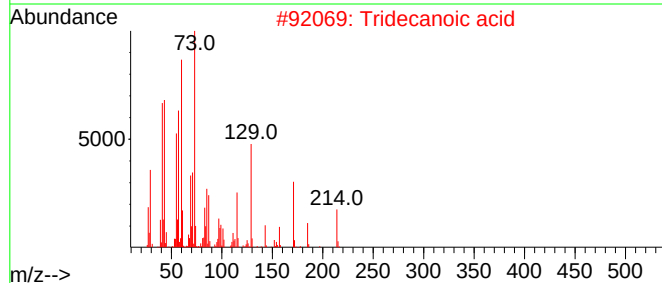
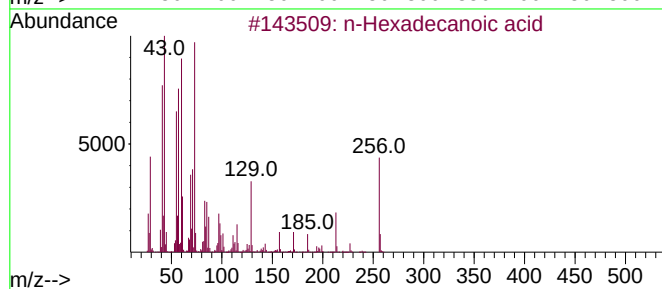
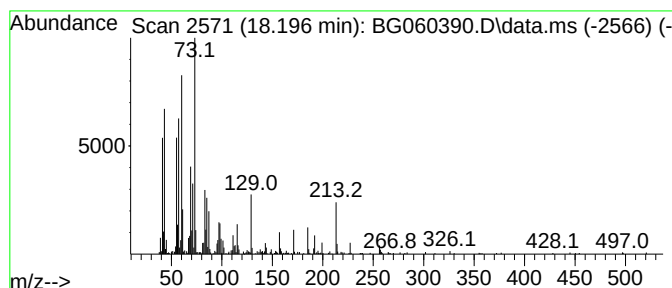
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.196	2.91 ng	549754	Phenanthrene-d10	17.314

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Dodecanoic acid	200	C12H24O2	000143-07-7	72



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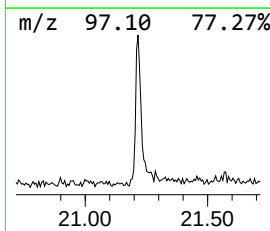
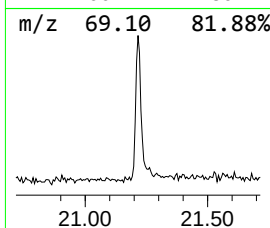
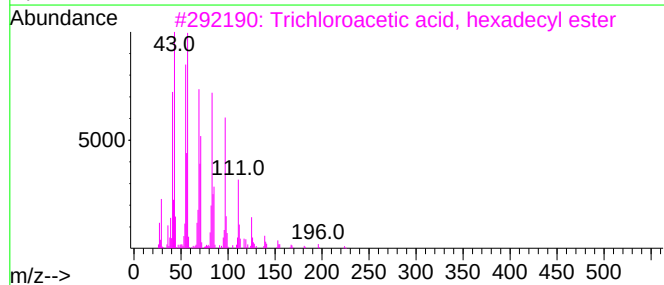
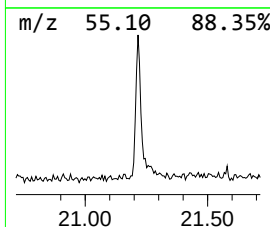
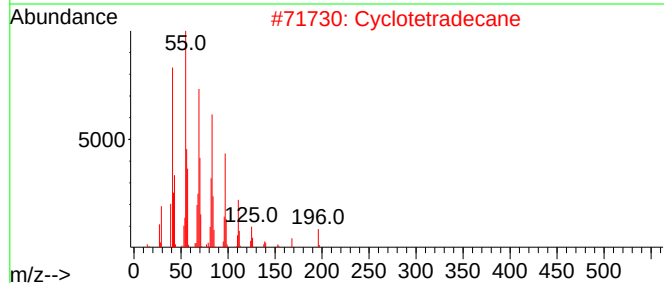
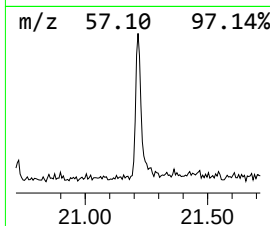
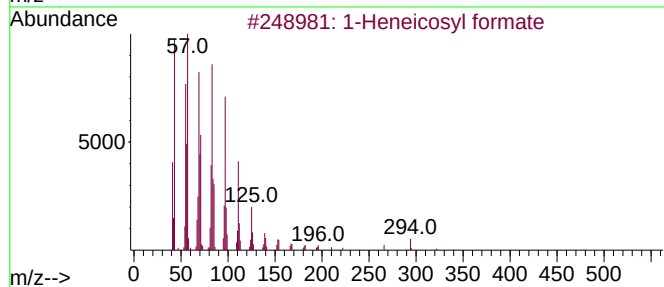
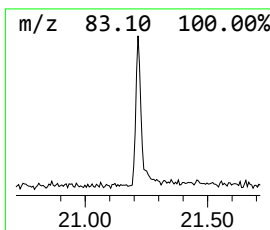
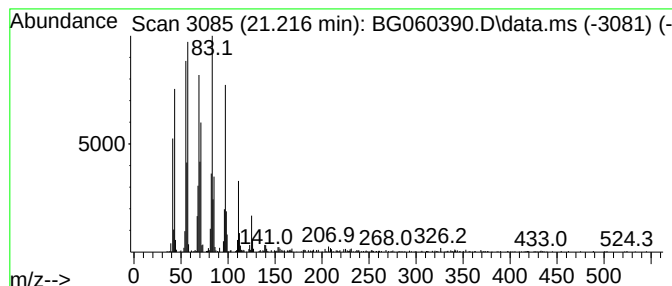
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Peak Number 2 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.216	4.70 ng	959154	Chrysene-d12	21.574

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
2			Cyclotetradecane	196	C14H28	000295-17-0	91
3			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4			1-Heneicosanol	312	C21H44O	015594-90-8	91
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.196	2.9	ng	549754	4	17.314	3776130	20.0
1-Heneicosyl fo...	21.216	4.7	ng	959154	5	21.574	4084680	20.0