

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060723\
 Data File : BF133619.D
 Acq On : 07 Jun 2023 12:09
 Operator : CG\JU
 Sample : 03002-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-48

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_F\Methods\8270-BF052523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133619.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.446	567	571	574	rVB	1759147	1595086	38.90%	7.155%
2	6.451	738	742	746	rBV	1155245	1061418	25.88%	4.761%
3	6.834	803	807	810	rBV	1055046	809622	19.74%	3.632%
4	7.404	897	904	906	rBV	2375839	2430948	59.28%	10.905%
5	8.116	1022	1025	1029	rBV	1303176	1053760	25.70%	4.727%
6	9.198	1204	1209	1212	rBV	4628026	4100777	100.00%	18.396%
7	9.875	1320	1324	1327	rBV	1426851	1140287	27.81%	5.115%
8	10.586	1442	1445	1449	rVB	91158	79159	1.93%	0.355%
9	10.669	1454	1459	1462	rBV	2616638	2695821	65.74%	12.093%
10	11.363	1573	1577	1580	rBV	1478607	1176452	28.69%	5.277%
11	11.892	1661	1667	1672	rBV	273476	312445	7.62%	1.402%
12	12.680	1797	1801	1807	rBV	91787	119880	2.92%	0.538%
13	12.957	1843	1848	1851	rBV	4136397	4050638	98.78%	18.171%
14	13.910	2006	2010	2017	rBV7	29038	58571	1.43%	0.263%
15	14.010	2023	2027	2030	rVB	858881	819878	19.99%	3.678%
16	14.639	2131	2134	2137	rVB	63509	55057	1.34%	0.247%
17	15.468	2270	2275	2280	rBV	568034	732116	17.85%	3.284%

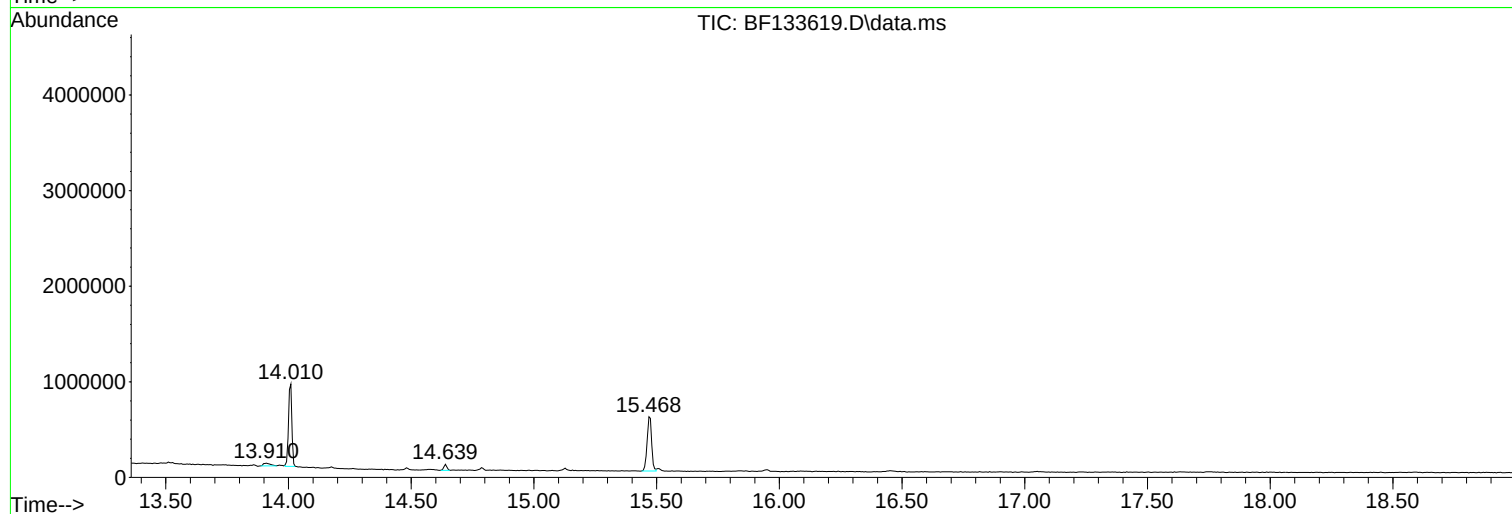
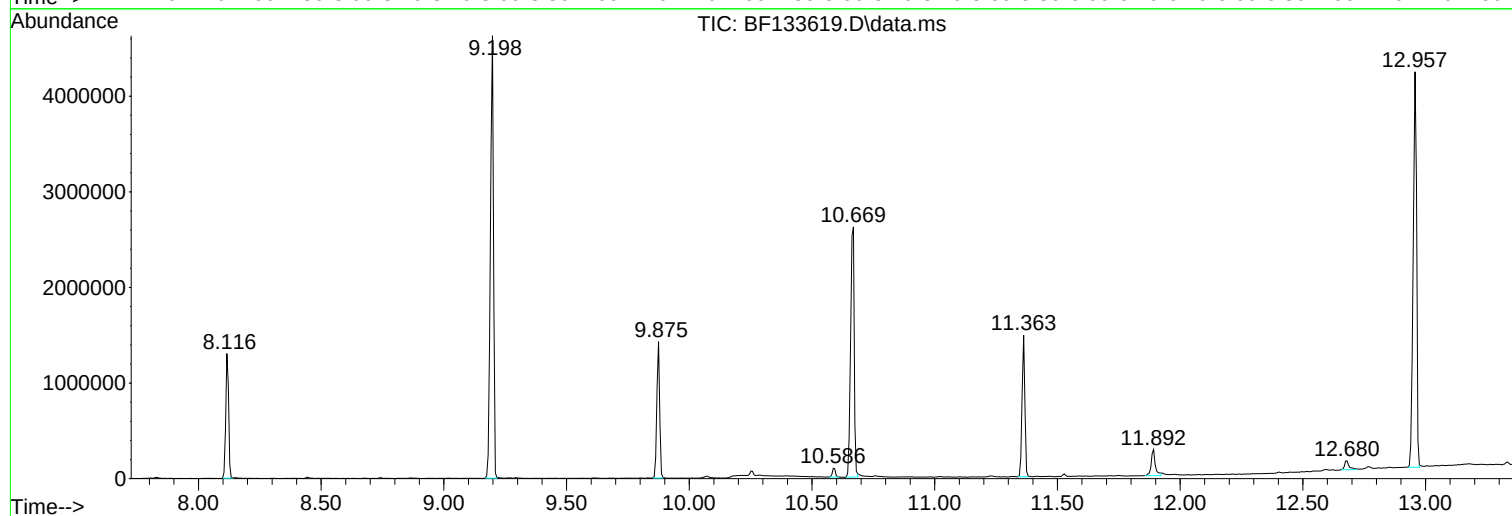
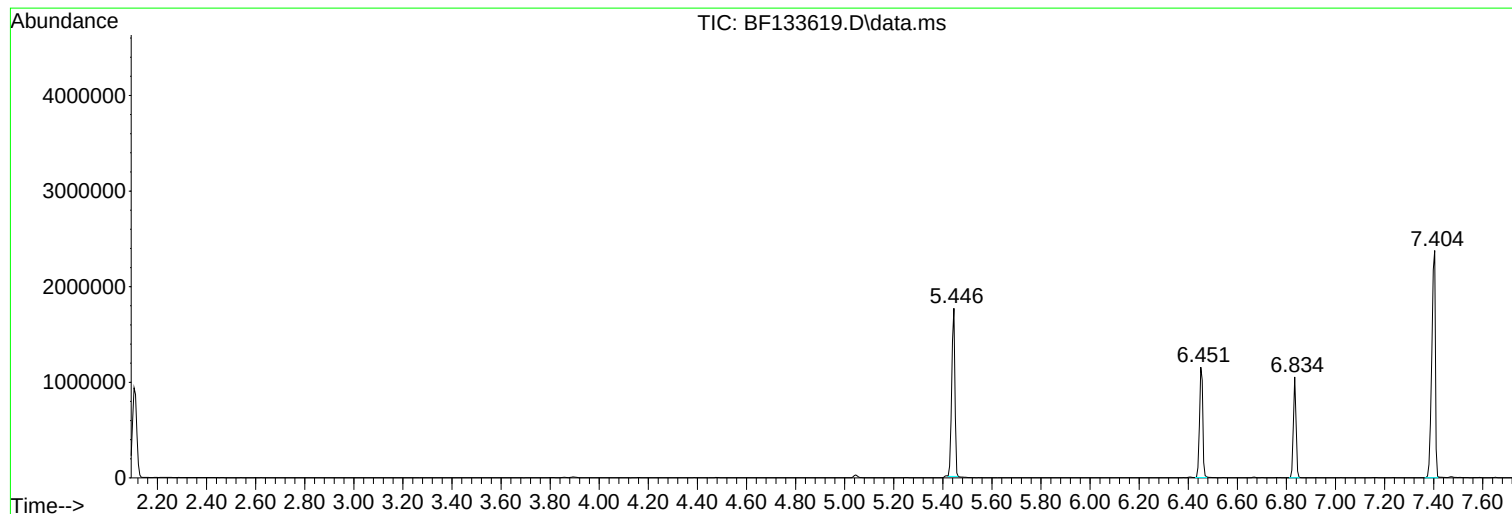
Sum of corrected areas: 22291915

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.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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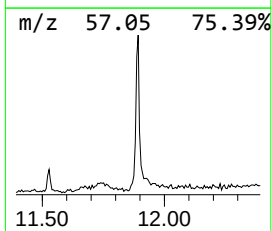
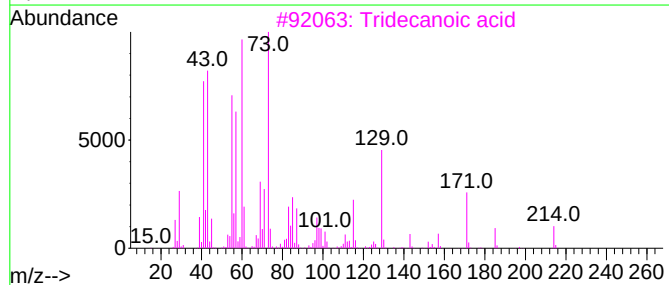
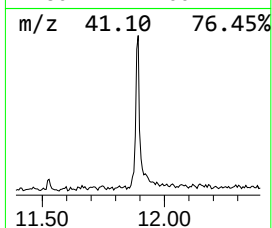
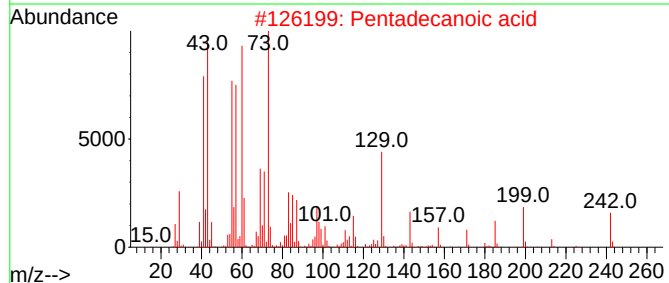
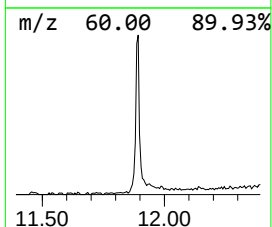
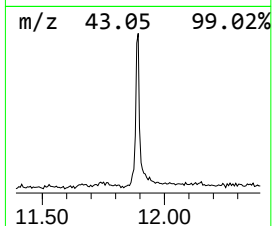
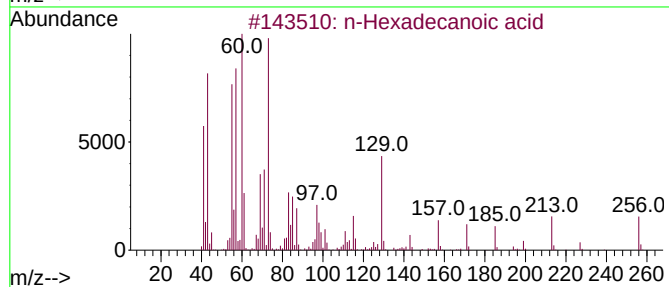
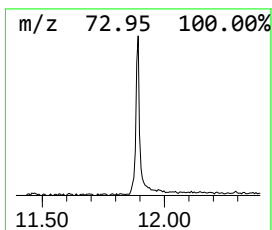
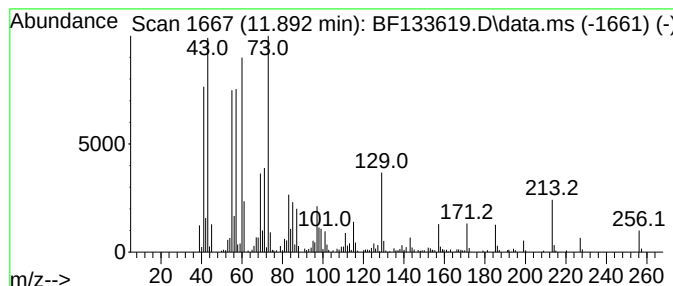
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	5.31 ng	312445	Phenanthrene-d10	11.363

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	91
3			Tridecanoic acid	214	C13H26O2	000638-53-9	89
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			Nonanoic acid	158	C9H18O2	000112-05-0	43



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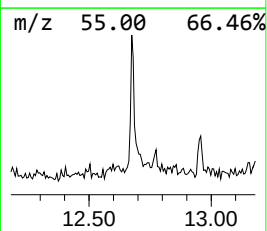
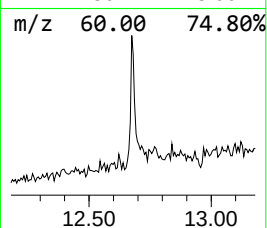
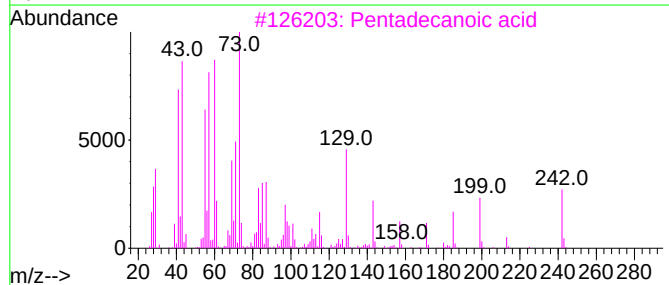
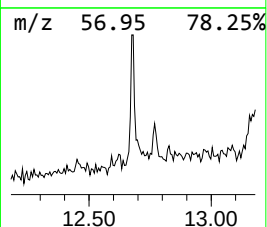
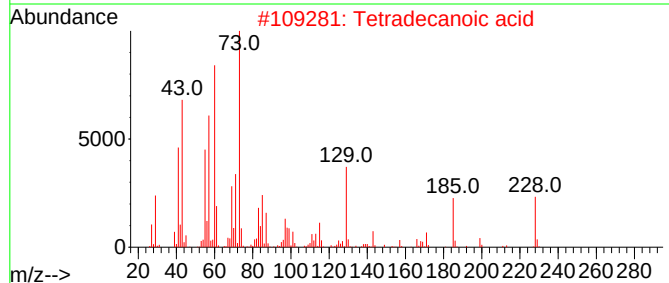
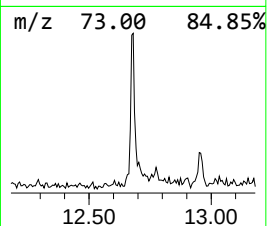
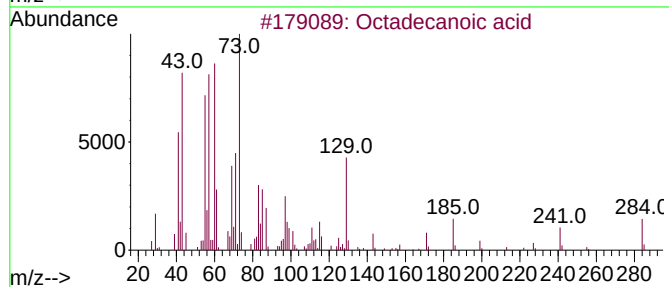
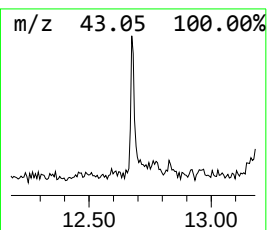
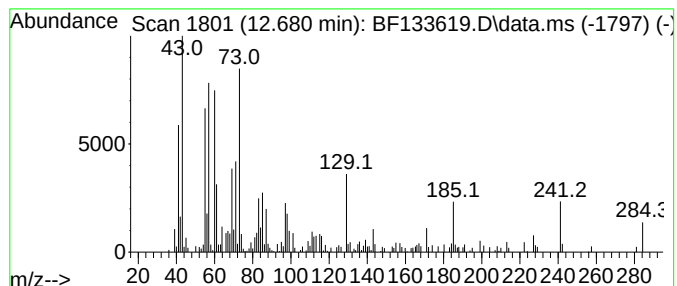
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.680	2.04 ng	119880	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
5			n-Decanoic acid	172	C10H20O2	000334-48-5	43



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.892	5.3	ng	312445	4	11.363	1176450	20.0
Octadecanoic acid	12.680	2.0	ng	119880	4	11.363	1176450	20.0