

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136186.D
 Acq On : 24 Nov 2023 18:41
 Operator : CG\JU
 Sample : 05293-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5

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-BF110723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136186.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.040	498	502	508	rVB	34238	37748	1.22%	0.193%
2	5.440	565	570	573	rBV	2680610	2462438	79.27%	12.561%
3	6.440	734	740	742	rBV	2488985	2479907	79.83%	12.650%
4	6.804	799	802	806	rVB	885079	709929	22.85%	3.621%
5	7.363	892	897	900	rBV	1656593	1519543	48.92%	7.751%
6	8.081	1015	1019	1023	rBV	1107424	977230	31.46%	4.985%
7	9.163	1198	1203	1206	rBV	3874010	3106494	100.00%	15.846%
8	9.839	1314	1318	1321	rBV	1501899	1129591	36.36%	5.762%
9	10.627	1448	1452	1456	rBV	2050446	1787903	57.55%	9.120%
10	11.327	1568	1571	1575	rBV	1325452	1106416	35.62%	5.644%
11	11.869	1659	1663	1677	rBV2	134887	158152	5.09%	0.807%
12	12.927	1839	1843	1846	rBV	3467112	2731008	87.91%	13.931%
13	13.845	1995	1999	2013	rBV4	37756	90714	2.92%	0.463%
14	13.980	2018	2022	2028	rVB	812993	681155	21.93%	3.475%
15	15.462	2268	2274	2280	rBV	533814	625458	20.13%	3.191%

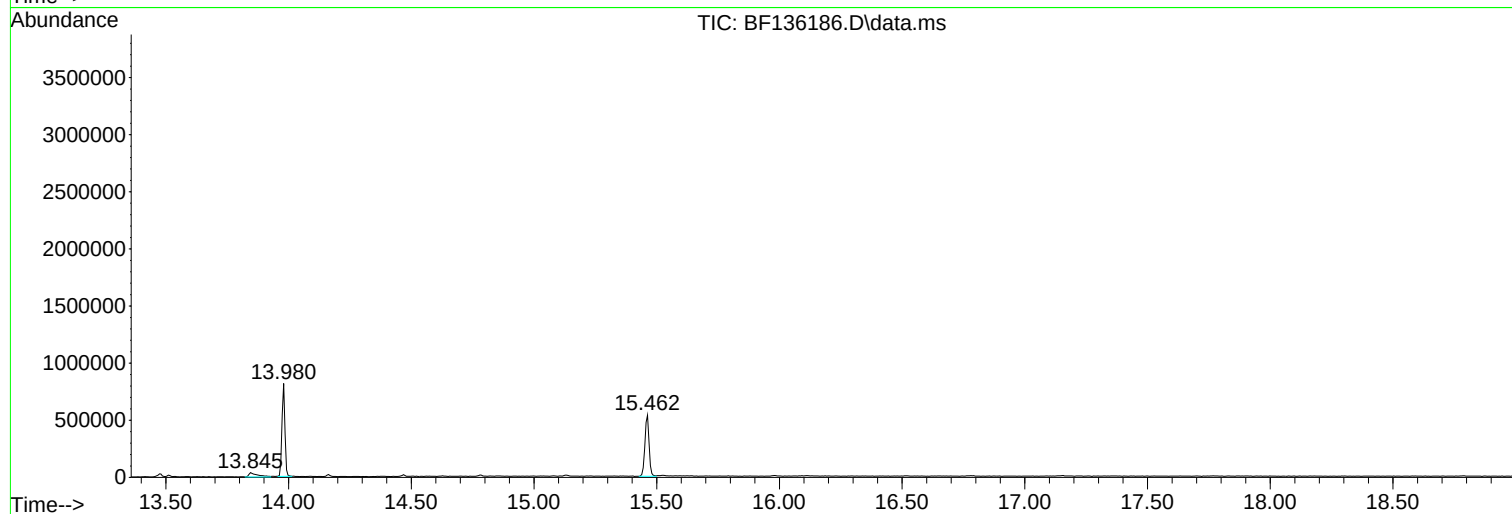
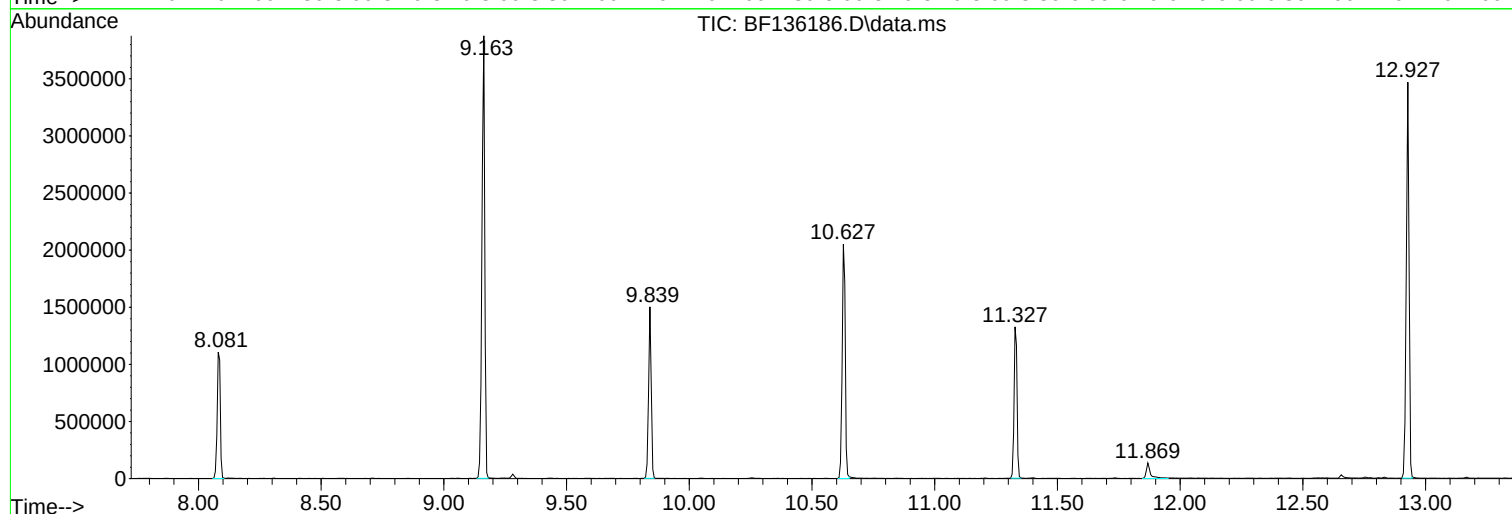
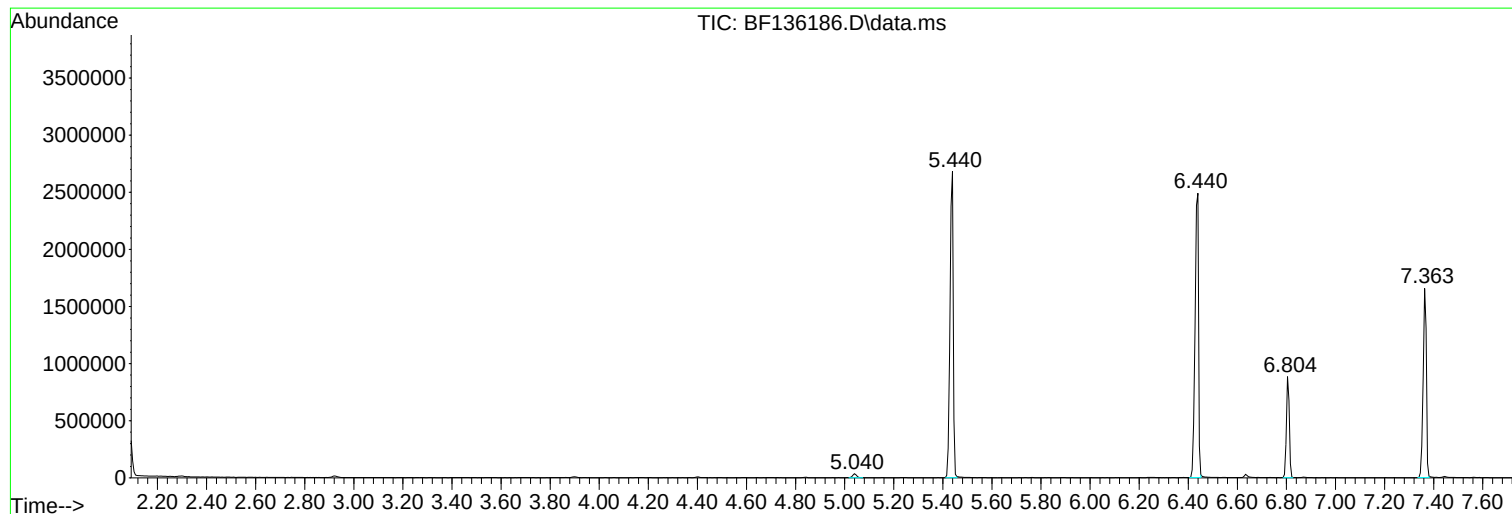
Sum of corrected areas: 19603686

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.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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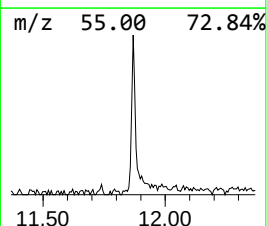
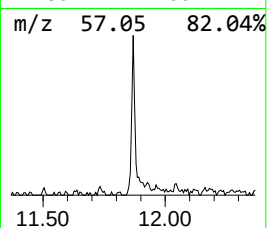
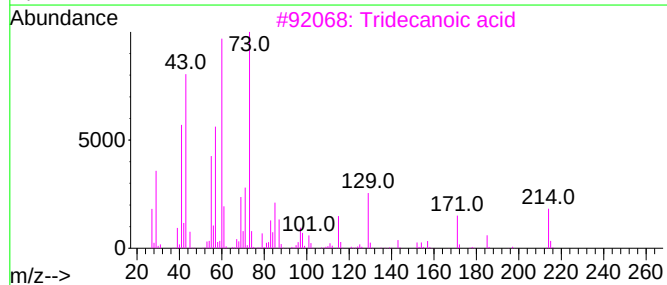
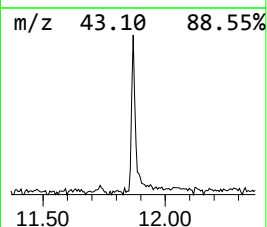
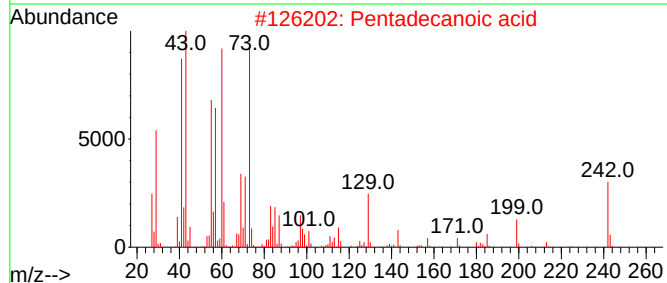
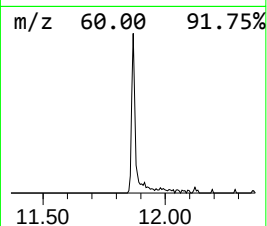
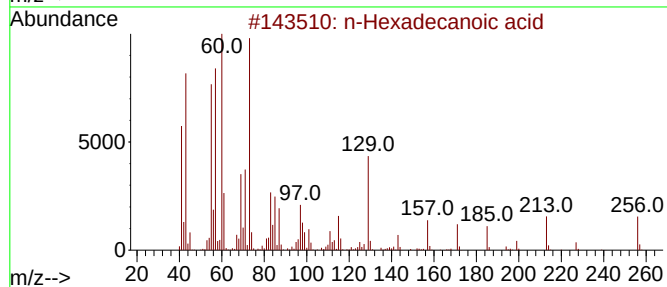
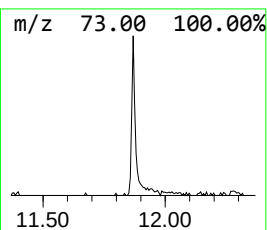
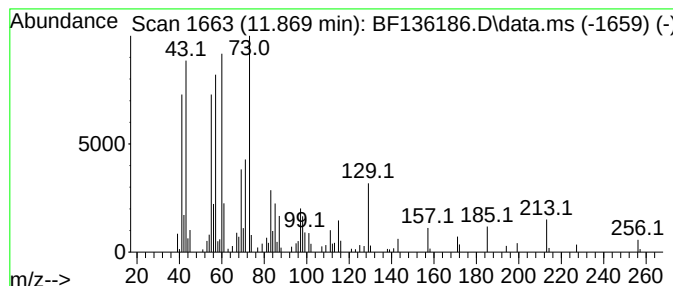
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	2.86 ng	158152	Phenanthrene-d10	11.327

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	86
3			Tridecanoic acid	214	C13H26O2	000638-53-9	74
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	58



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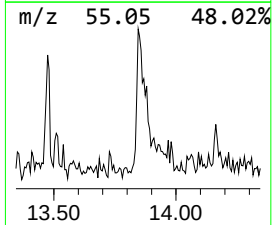
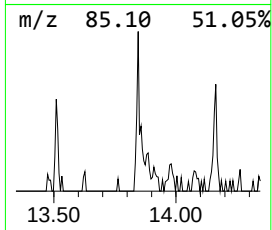
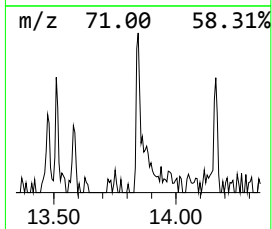
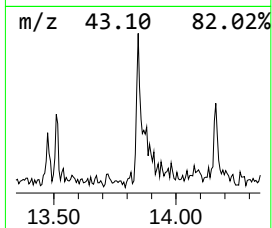
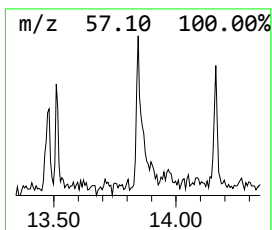
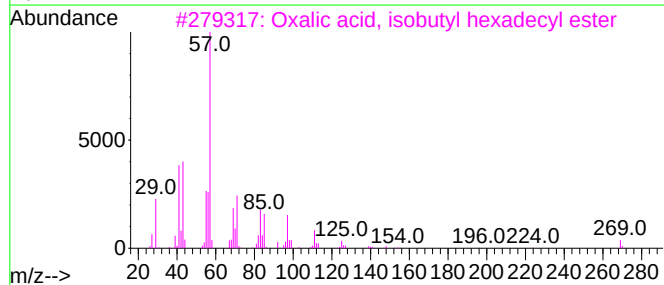
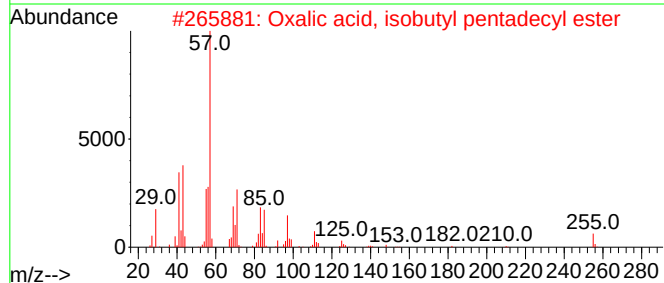
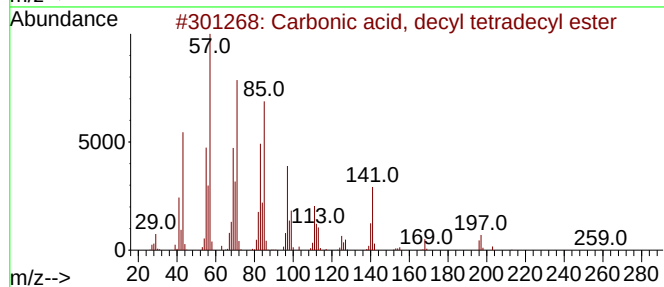
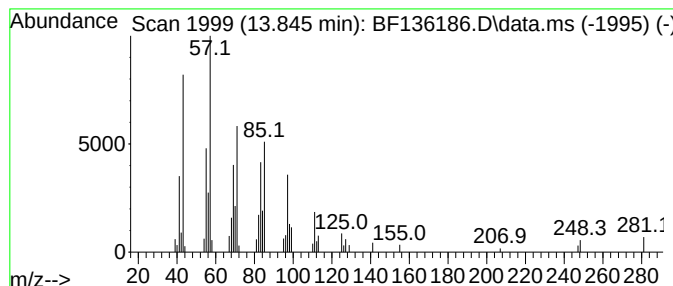
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Peak Number 2 Carbonic acid, decyl tetrad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.845	2.66 ng	90714	Chrysene-d12	13.980	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, decyl tetradecyl ...	398	C25H50O3	1010383-16-3	91
2	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
4	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
5	Eicosyl nonyl ether	424	C29H60O	1000406-37-8	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.869	2.9	ng	158152	4	11.327	1106420	20.0
Carbonic acid, ...	13.845	2.7	ng	90714	5	13.980	681155	20.0