

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041822\
 Data File : BG053182.D
 Acq On : 18 Apr 2022 16:21
 Operator : CG/JU
 Sample : N2444-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-6

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-BG040822.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053182.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.681	382	390	406	rBV	676040	1137078	36.83%	9.024%
2	7.278	653	662	673	rBV	694728	1232853	39.93%	9.784%
3	8.113	798	804	812	rBV	118986	209661	6.79%	1.664%
4	9.276	994	1002	1013	rBV	439209	811247	26.27%	6.438%
5	10.926	1275	1283	1290	rBV	152376	276909	8.97%	2.197%
6	13.364	1690	1698	1710	rBV	1090084	1718561	55.66%	13.638%
7	14.739	1925	1932	1942	rBV2	240186	395299	12.80%	3.137%
8	16.225	2178	2185	2205	rBV	941929	1553238	50.30%	12.326%
9	17.482	2392	2399	2406	rBV	330934	521432	16.89%	4.138%
10	18.357	2541	2548	2557	rBV2	33897	56122	1.82%	0.445%
11	20.085	2836	2842	2848	rBV	2343009	3087693	100.00%	24.503%
12	21.389	3058	3064	3080	rBV2	117737	269268	8.72%	2.137%
13	21.765	3119	3128	3137	rBV	396615	674091	21.83%	5.349%
14	25.060	3678	3689	3701	rVB	221495	657727	21.30%	5.220%

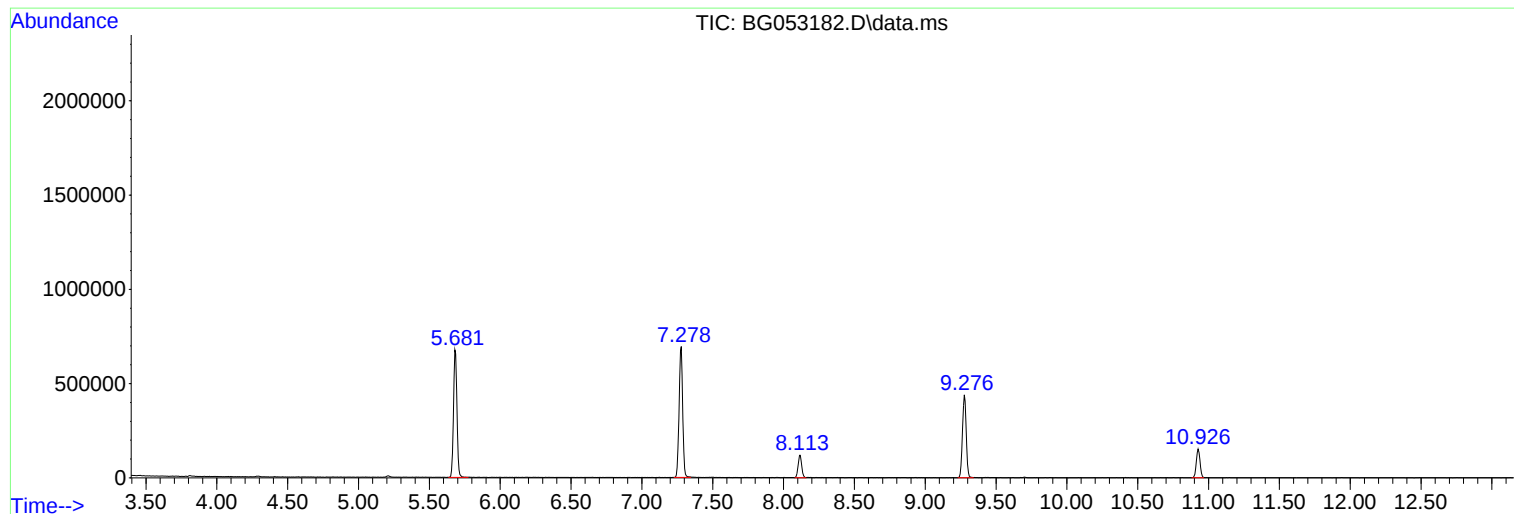
Sum of corrected areas: 12601179

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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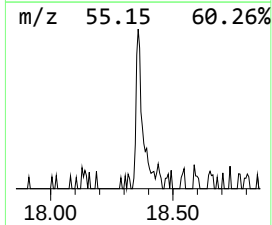
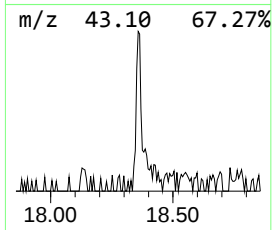
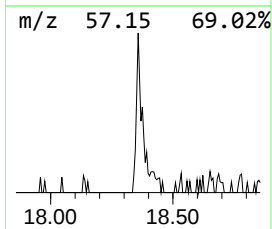
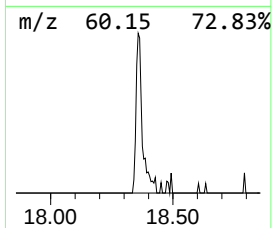
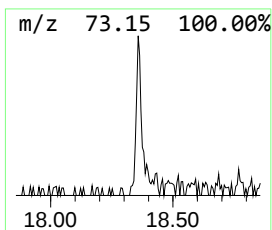
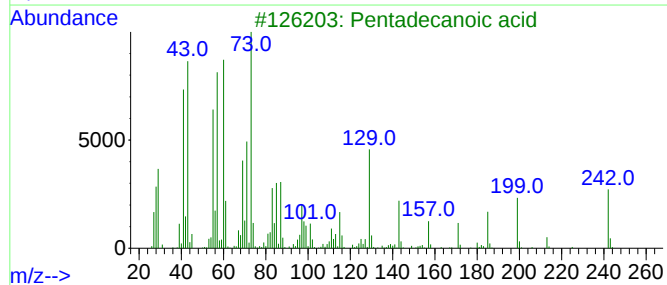
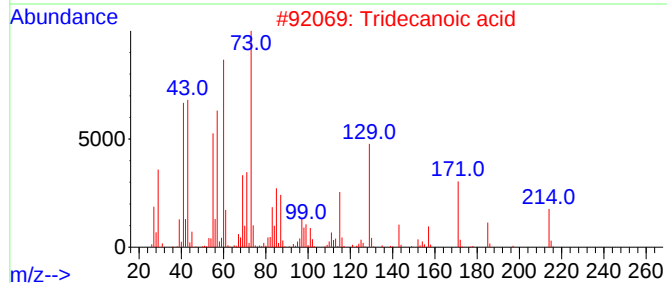
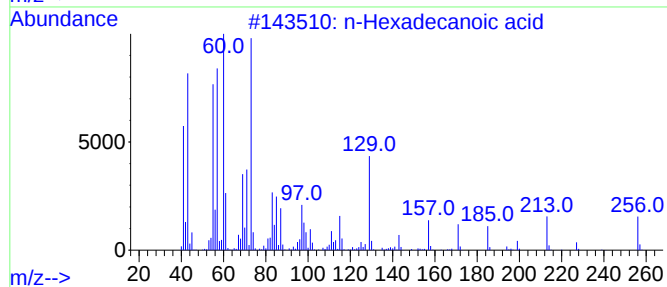
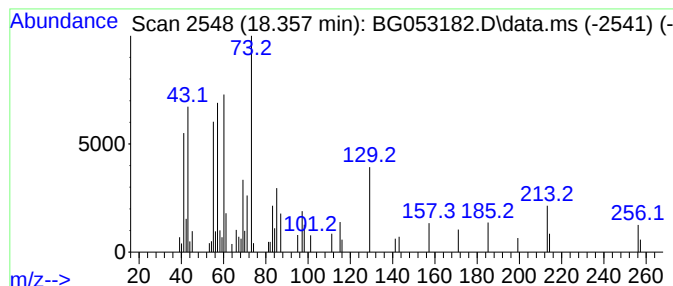
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.358	2.15 ng	56122	Phenanthrene-d10	17.482

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	86
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5			n-Decanoic acid	172	C10H20O2	000334-48-5	43



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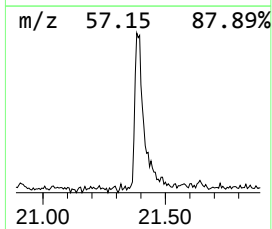
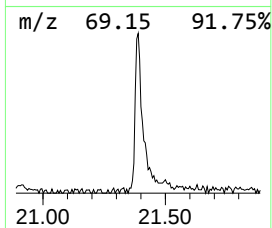
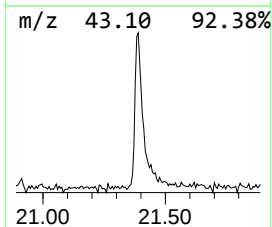
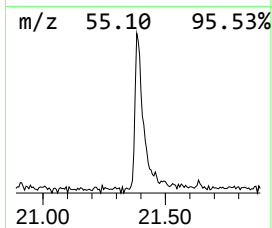
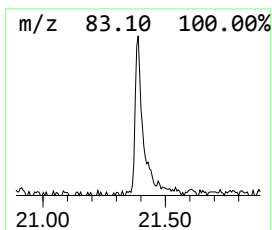
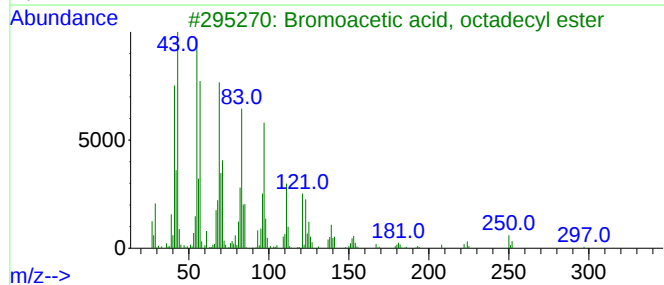
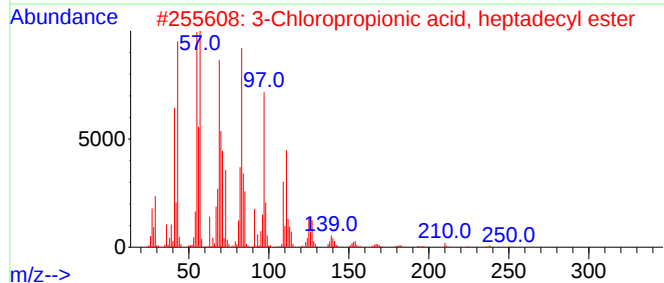
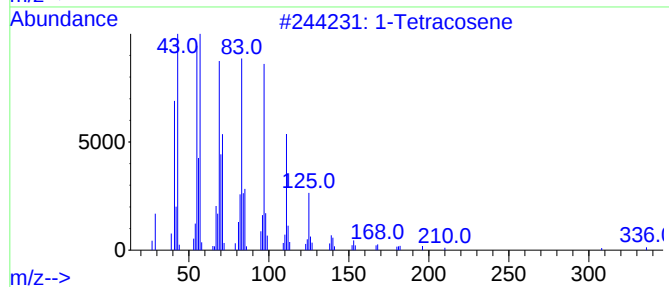
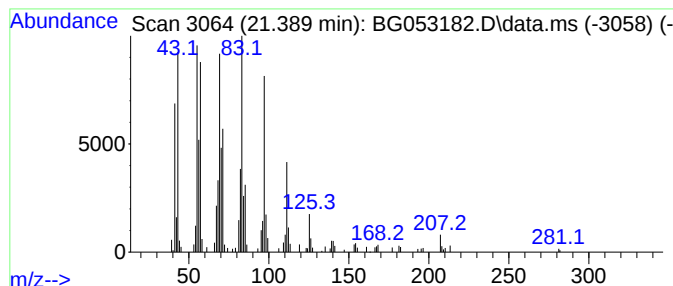
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Peak Number 2 1-Tetracosene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.389	7.99 ng	269268	Chrysene-d12	21.765

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene			336	C24H48	010192-32-2	91
2	3-Chloropropionic acid, heptadec...			346	C20H39ClO2	1000283-05-1	91
3	Bromoacetic acid, octadecyl ester			390	C20H39BrO2	018992-03-5	91
4	1-Tricosene			322	C23H46	018835-32-0	91
5	1-Nonadecene			266	C19H38	018435-45-5	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.358	2.1	ng	56122	4	17.482	521432	20.0
1-Tetracosene	21.389	8.0	ng	269268	5	21.765	674091	20.0