

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
 Data File : BP019721.D
 Acq On : 15 Feb 2024 14:05
 Operator : MA/JU
 Sample : P1414-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-7(12-13)

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_P\Methods\8270E-BP013124.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019721.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.481	397	407	420	rBV	949018	1438439	33.56%	7.926%
2	7.075	670	678	692	rBV	885881	1453102	33.90%	8.006%
3	7.905	810	819	826	rBV	232575	376777	8.79%	2.076%
4	9.075	1005	1018	1027	rBV	554208	970585	22.64%	5.348%
5	10.704	1288	1295	1306	rBV	271034	480422	11.21%	2.647%
6	13.163	1705	1713	1727	rBV	1420983	2301967	53.70%	12.683%
7	14.539	1939	1947	1961	rBV	414103	663934	15.49%	3.658%
8	16.034	2193	2201	2222	rBV	1361838	2198623	51.29%	12.114%
9	17.298	2410	2416	2428	rBV	561909	887487	20.70%	4.890%
10	18.192	2562	2568	2584	rBV	315981	503697	11.75%	2.775%
11	19.427	2774	2778	2786	rBV2	127982	191302	4.46%	1.054%
12	19.863	2846	2852	2865	rBV	3543851	4286767	100.00%	23.619%
13	21.110	3060	3064	3070	rBV	255416	330244	7.70%	1.820%
14	21.386	3106	3111	3121	rBV	750360	1075084	25.08%	5.924%
15	23.810	3517	3523	3532	rVB	464446	990920	23.12%	5.460%

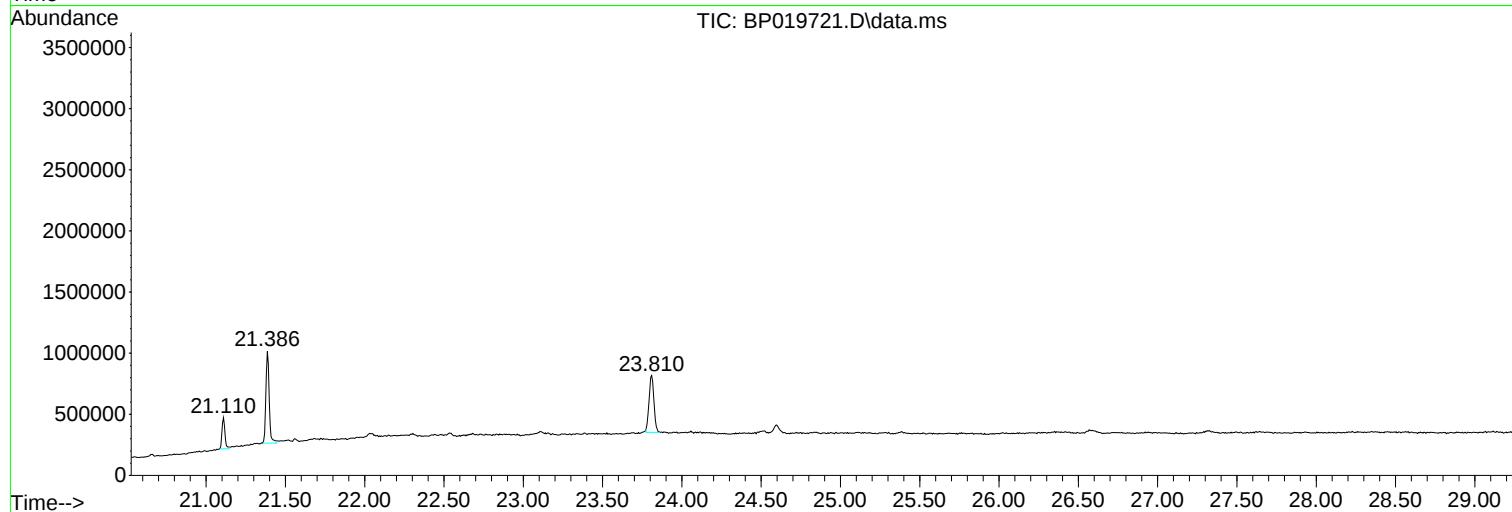
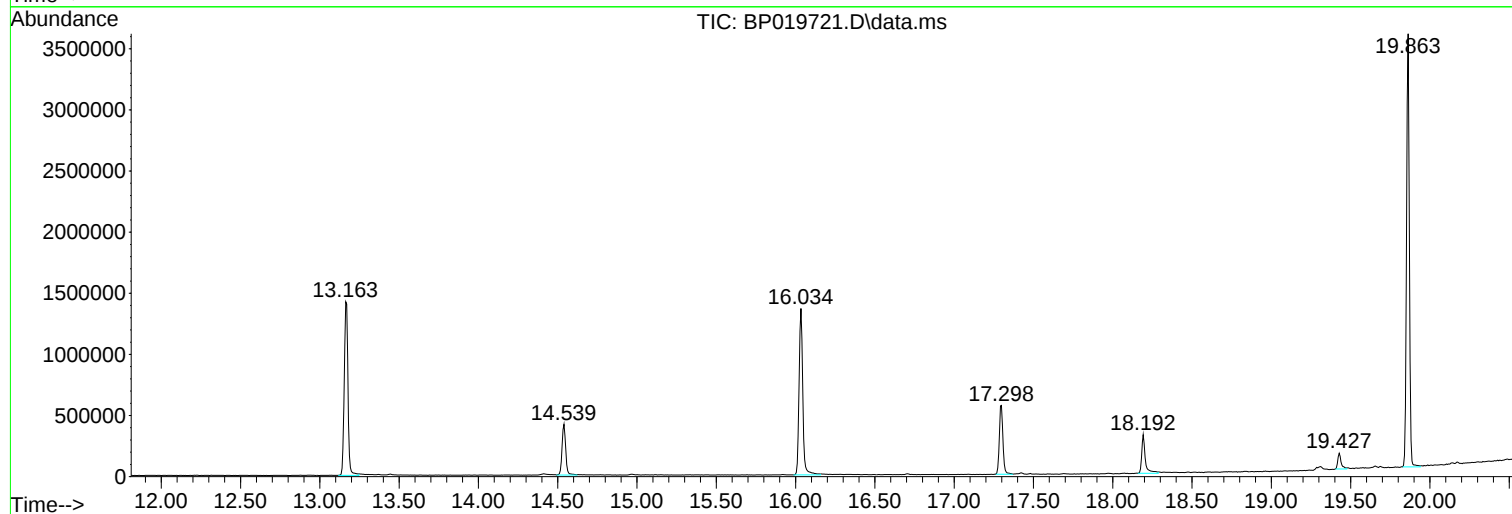
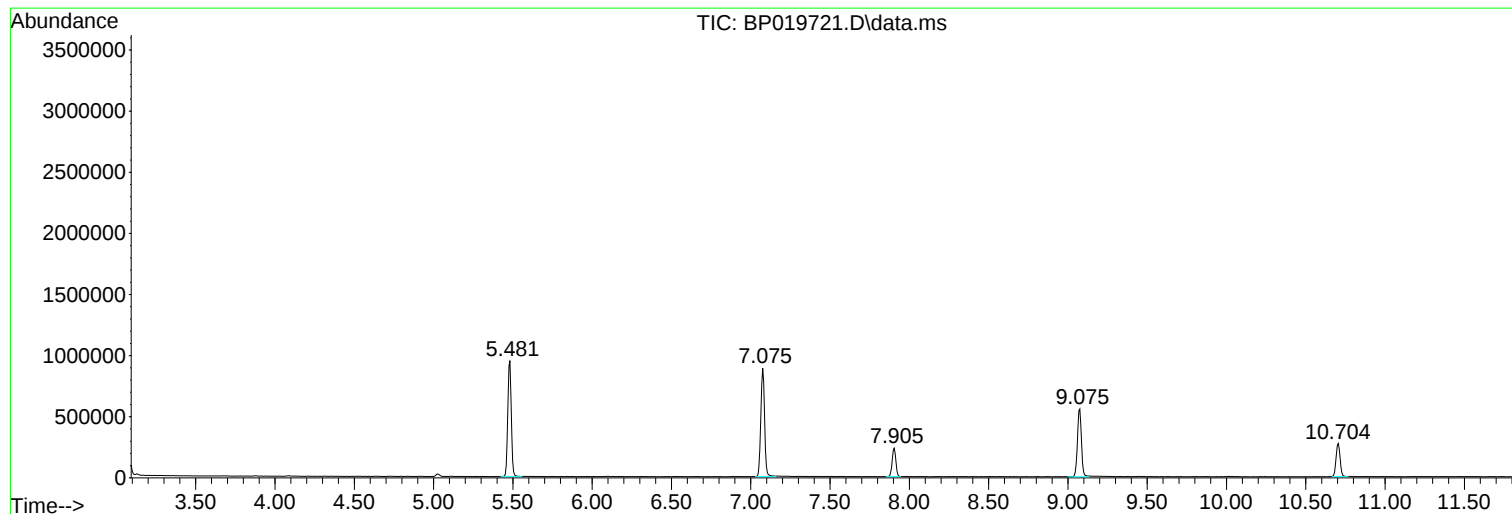
Sum of corrected areas: 18149350

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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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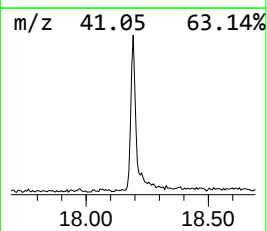
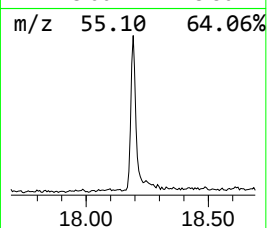
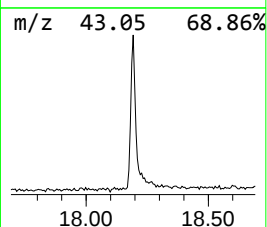
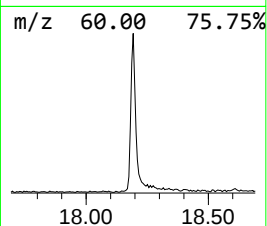
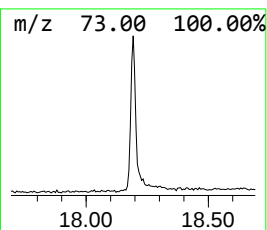
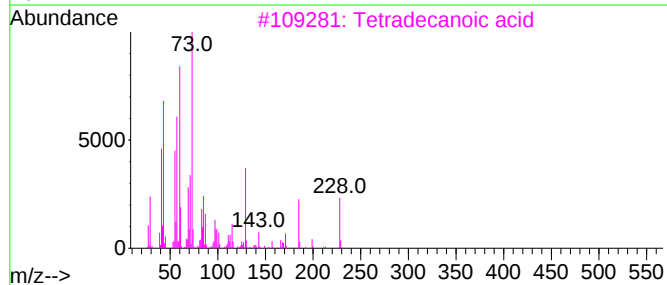
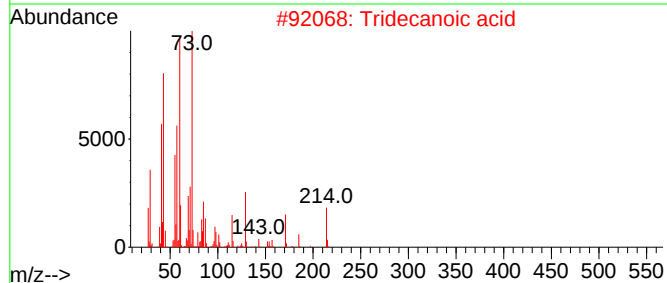
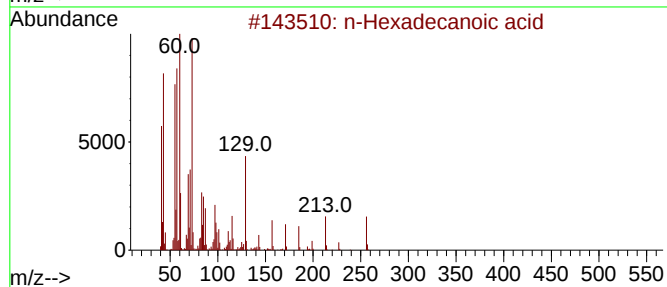
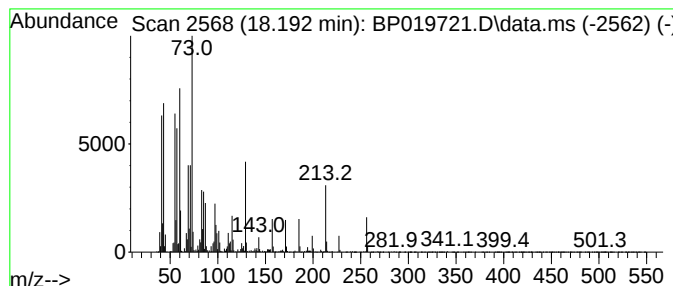
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
18.192	11.35 ng	503697	Phenanthrene-d10	17.298

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			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4			Octadecanoic acid	284	C18H36O2	000057-11-4	87
5			Undecanoic acid	186	C11H22O2	000112-37-8	83



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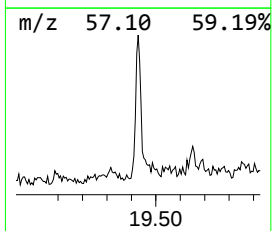
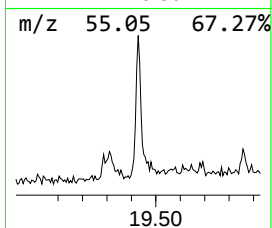
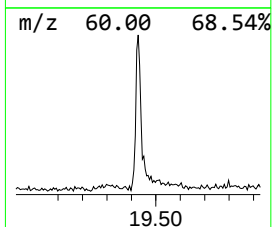
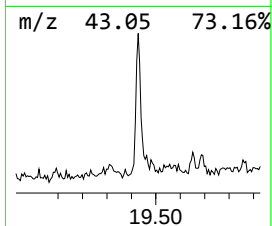
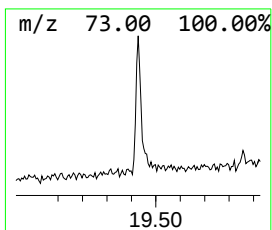
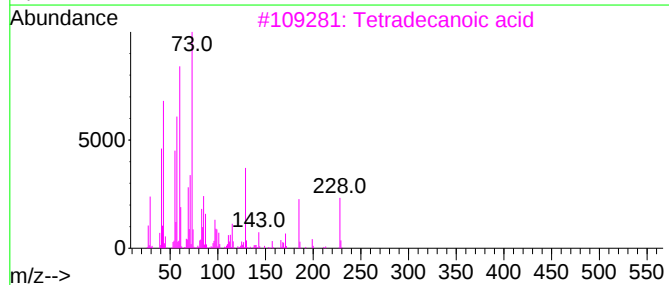
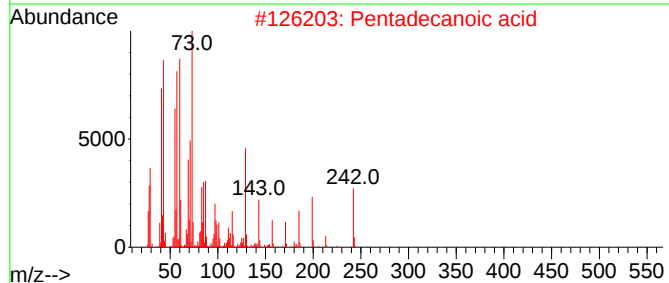
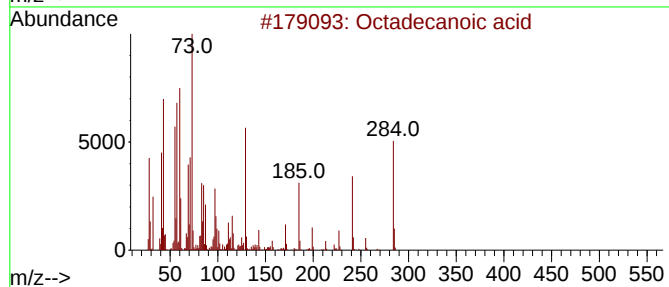
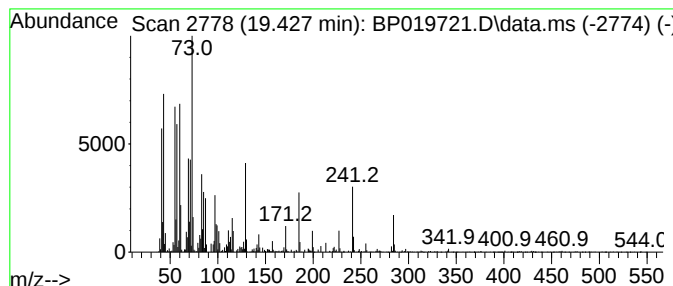
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.427	3.56 ng	191302	Chrysene-d12	21.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4		8-Methylnonanoic acid	172	C10H20O2	005963-14-4	50
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	44



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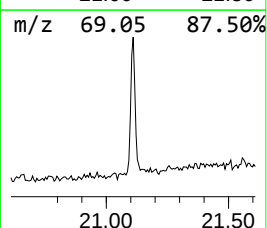
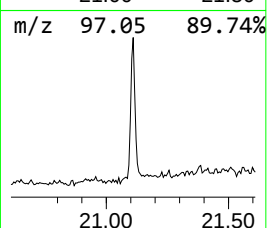
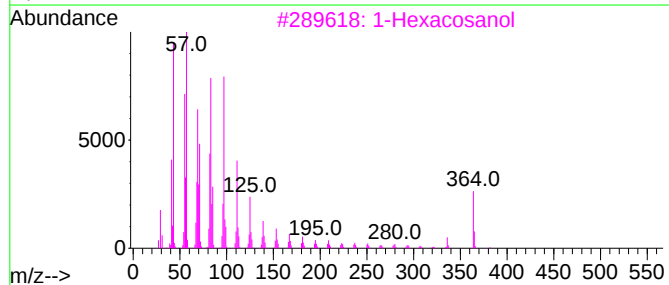
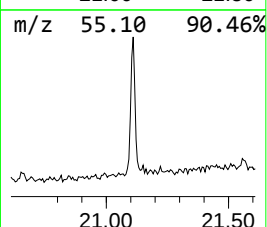
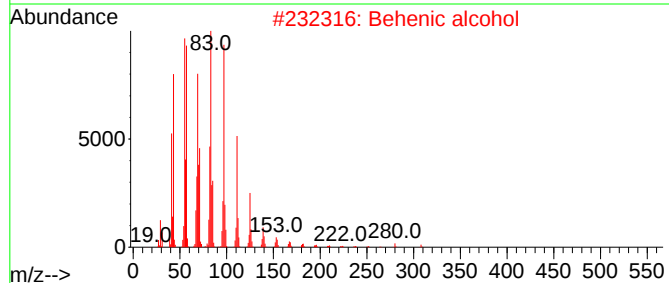
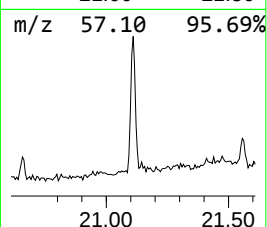
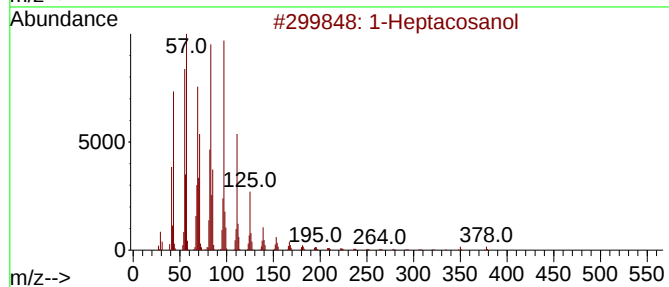
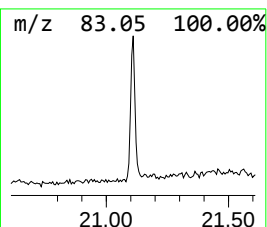
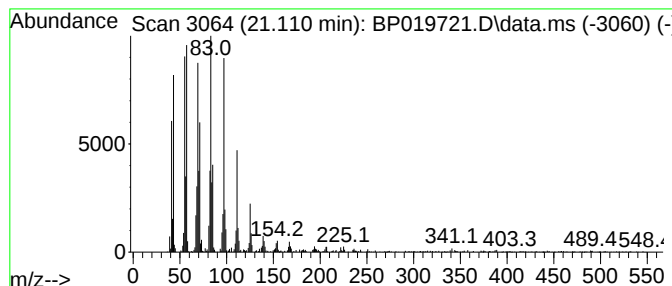
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Peak Number 3 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.110	6.14 ng	330244	Chrysene-d12	21.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptacosanol	396	C27H56O	002004-39-9	94
2			Behenic alcohol	326	C22H46O	000661-19-8	93
3			1-Hexacosanol	382	C26H54O	000506-52-5	93
4			1-Heneicosanol	312	C21H44O	015594-90-8	93
5			Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.192	11.4	ng	503697	4	17.298	887487	20.0
Octadecanoic acid	19.427	3.6	ng	191302	5	21.386	1075080	20.0
1-Heptacosanol	21.110	6.1	ng	330244	5	21.386	1075080	20.0