

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
 Data File : BM022480.D
 Acq On : 01 Sep 2019 16:58
 Operator : HP/JU
 Sample : K4619-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP5-COMP

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.128	359	364	381	rBB	159551	253916	27.69%	6.138%
2	6.704	627	632	647	rBV	134117	263091	28.69%	6.360%
3	7.046	684	690	703	rBB	177493	295388	32.21%	7.141%
4	7.504	763	768	775	rBB	45992	69393	7.57%	1.678%
5	7.816	815	821	830	rBB	145132	230525	25.14%	5.573%
6	8.687	963	969	987	rBV	66625	151860	16.56%	3.671%
7	10.286	1235	1241	1255	rBV	34831	74297	8.10%	1.796%
8	12.775	1658	1664	1677	rBV	205441	353847	38.59%	8.554%
9	13.669	1812	1816	1823	rBB	8772	13716	1.50%	0.332%
10	14.174	1897	1902	1912	rBB	63838	106893	11.66%	2.584%
11	15.692	2155	2160	2176	rBB	203962	353707	38.57%	8.551%
12	16.945	2368	2373	2385	rBV2	75012	136929	14.93%	3.310%
13	17.833	2519	2524	2536	rBV2	43244	75106	8.19%	1.816%
14	19.127	2740	2744	2751	rBV5	35706	62305	6.79%	1.506%
15	19.386	2784	2788	2795	rBV3	5809	10424	1.14%	0.252%
16	19.586	2816	2822	2830	rBV	734806	916961	100.00%	22.167%
17	20.851	3033	3037	3048	rVB5	37339	65958	7.19%	1.594%
18	20.945	3051	3053	3059	rBV	11455	15833	1.73%	0.383%
19	21.162	3085	3090	3099	rBV	183344	281394	30.69%	6.802%
20	21.703	3179	3182	3185	rBV	17387	18990	2.07%	0.459%
21	22.150	3255	3258	3262	rVB3	26287	29698	3.24%	0.718%
22	22.633	3336	3340	3343	rVB3	30790	39832	4.34%	0.963%
23	23.162	3427	3430	3438	rVB4	30379	46037	5.02%	1.113%
24	23.344	3455	3461	3471	rBV	139857	270579	29.51%	6.541%

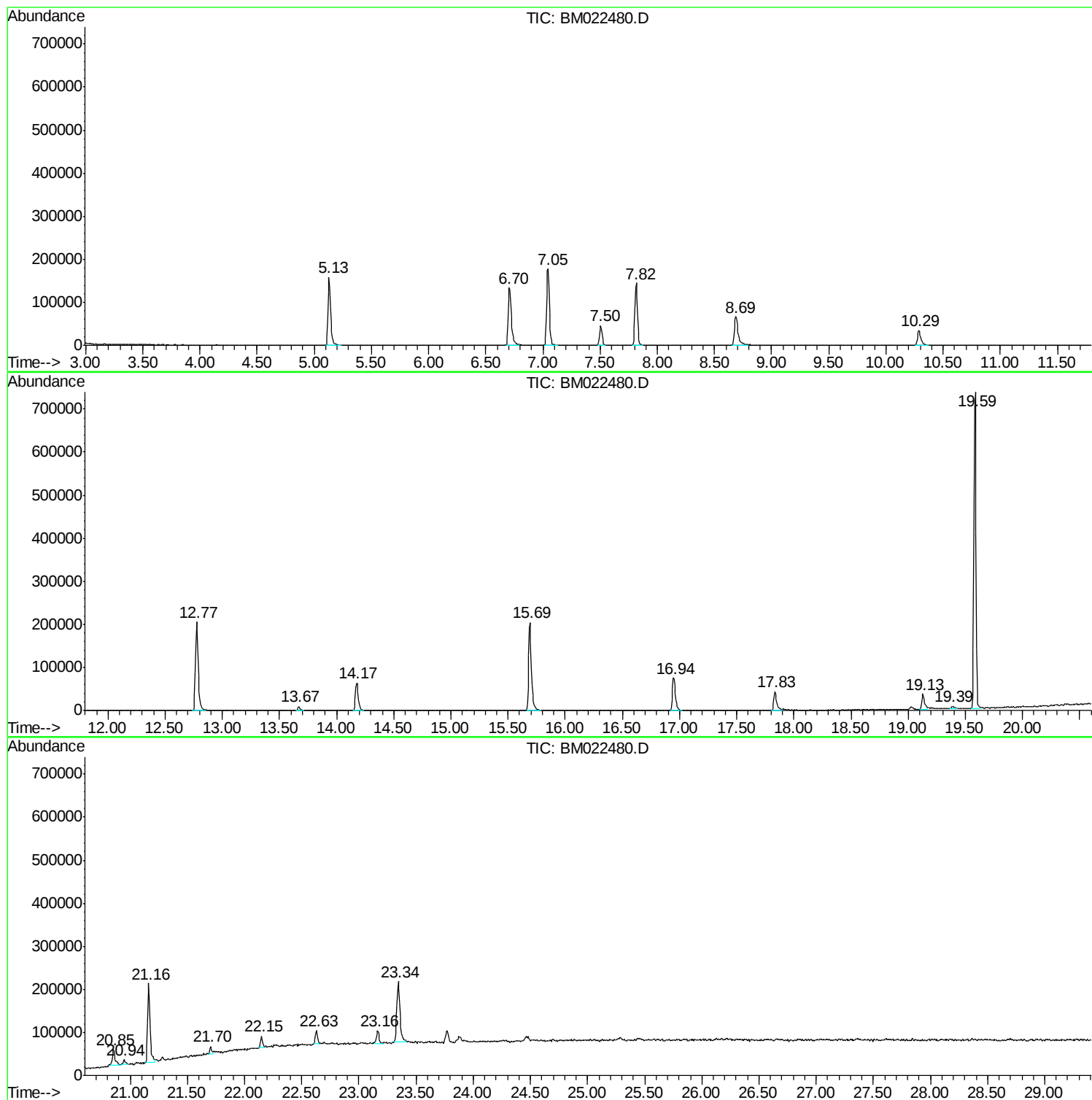
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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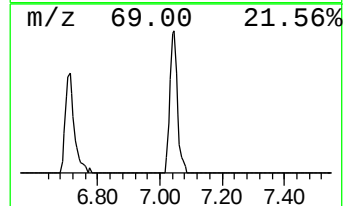
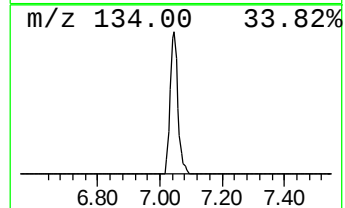
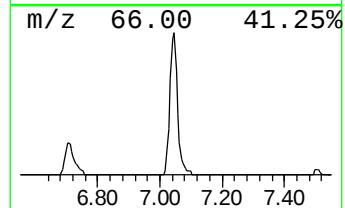
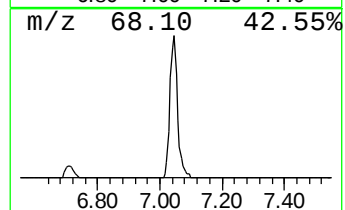
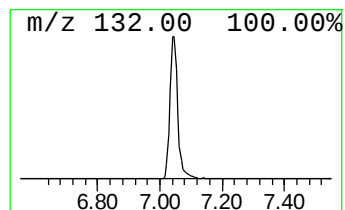
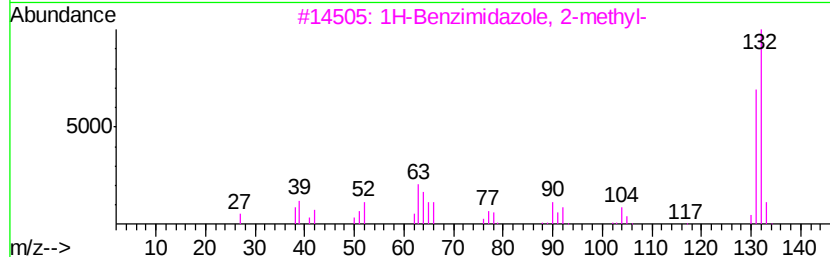
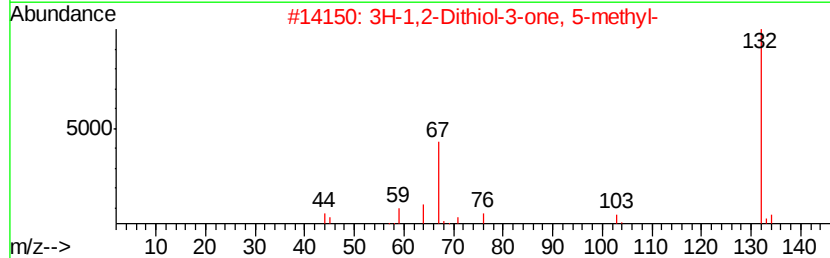
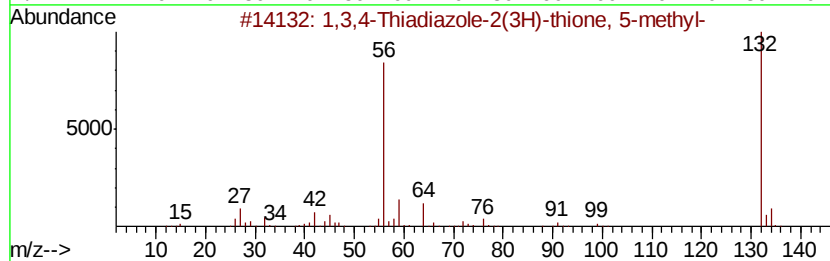
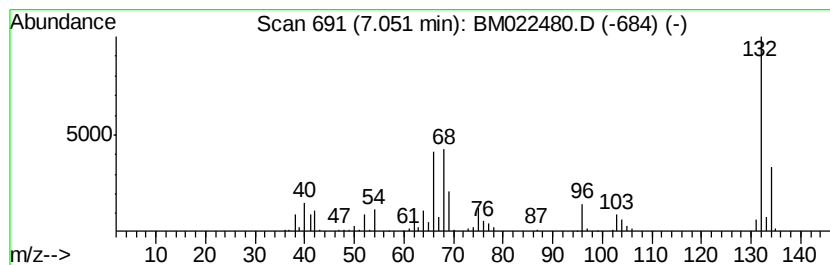
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	85.13 ng	295388	1,4-Dichlorobenzene-d4	7.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
2			3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
3			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4			Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10
5			1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10



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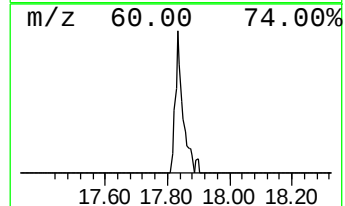
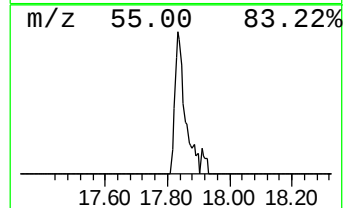
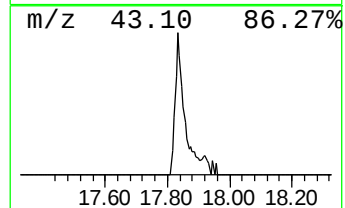
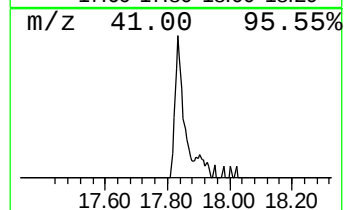
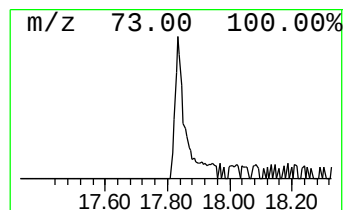
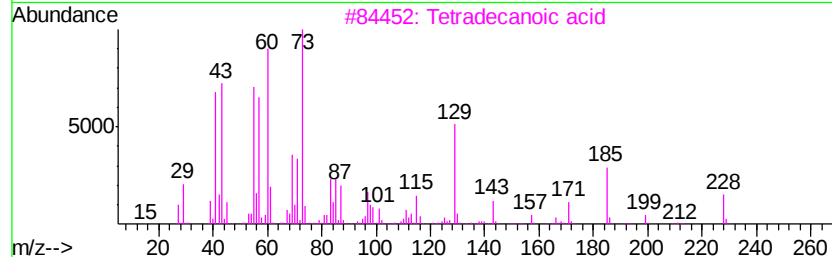
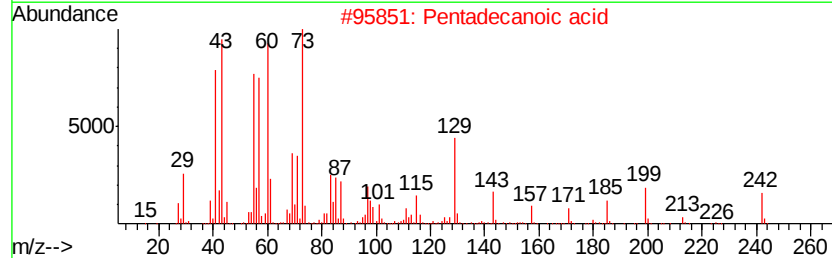
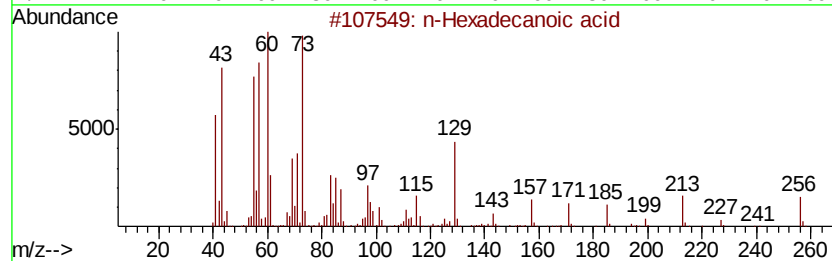
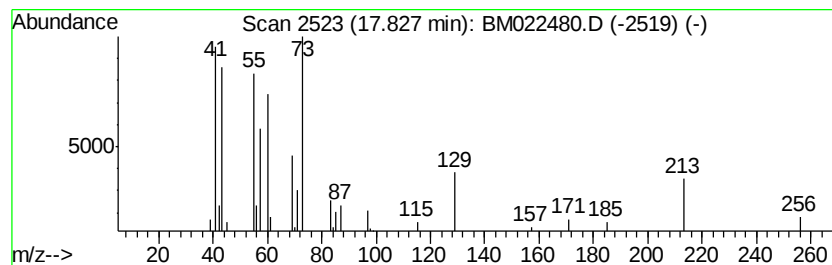
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	10.97 ng	75106	Phenanthrene-d10	16.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4		Tridecanoic acid	214	C13H26O2	000638-53-9	52
5		Undecanoic acid	186	C11H22O2	000112-37-8	52



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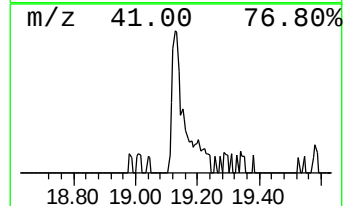
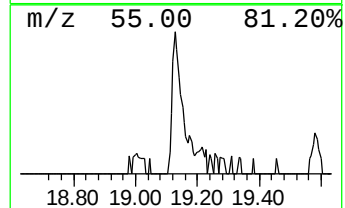
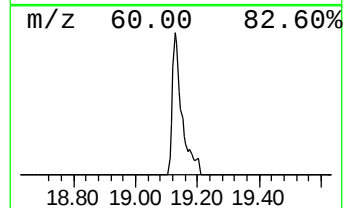
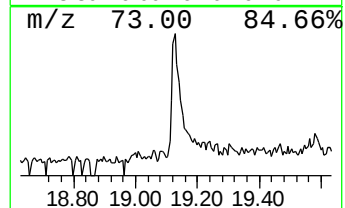
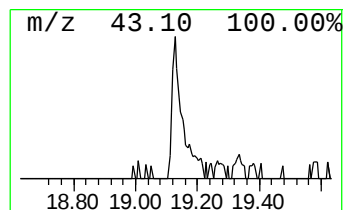
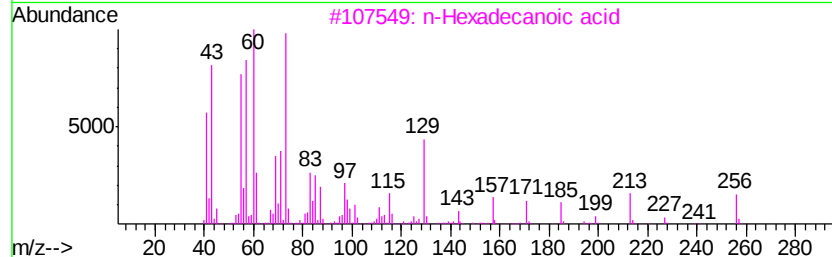
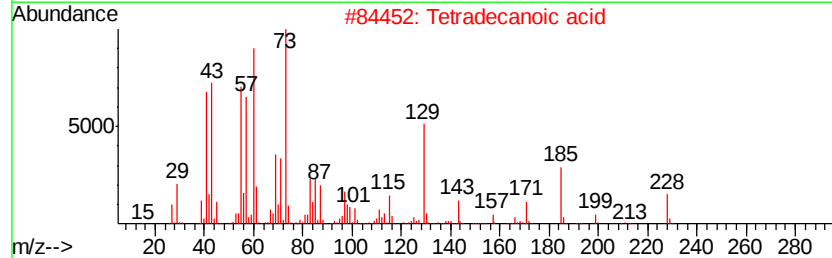
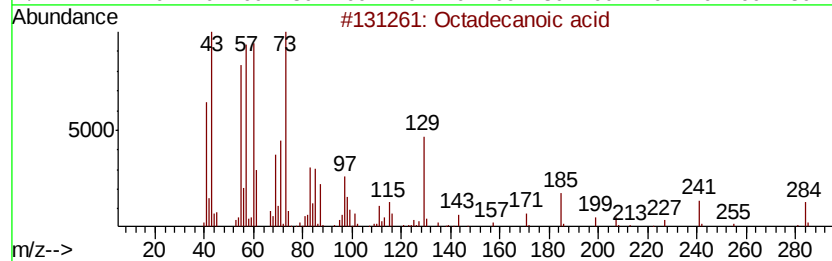
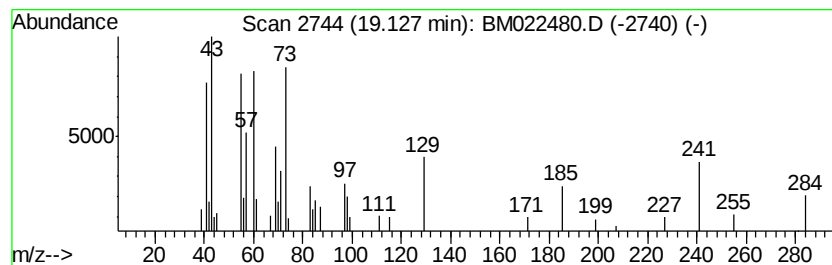
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Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.13	4.43 ng	62305	Chrysene-d12		21.16	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	92
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5		n-Decanoic acid	172	C10H20O2	000334-48-5	43



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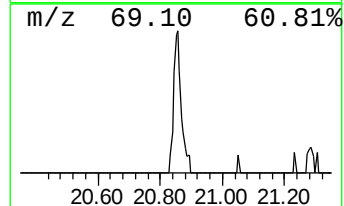
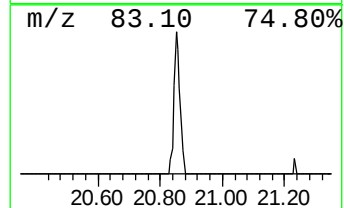
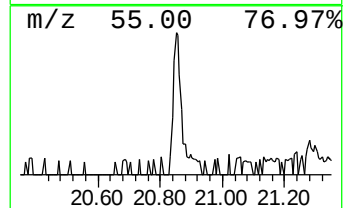
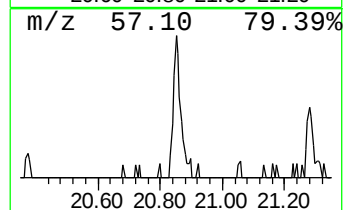
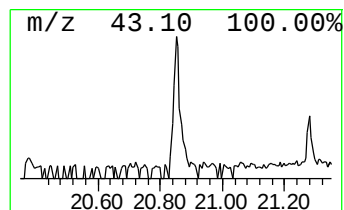
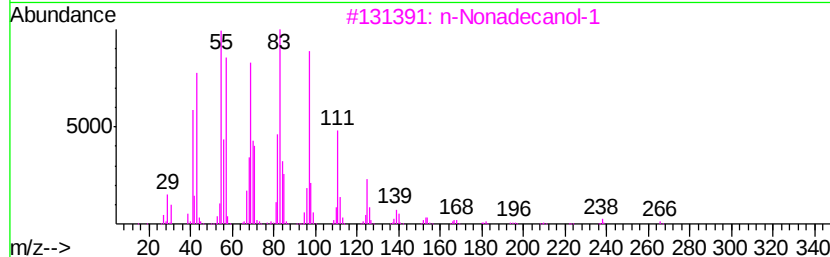
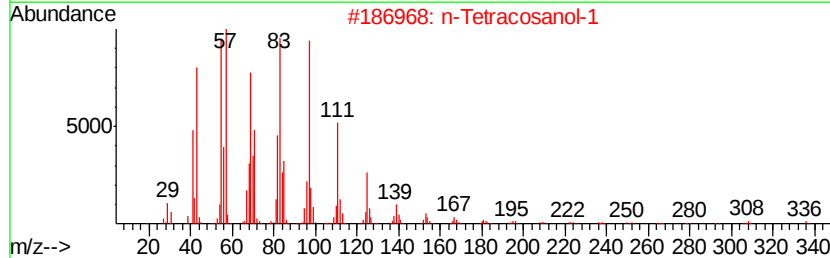
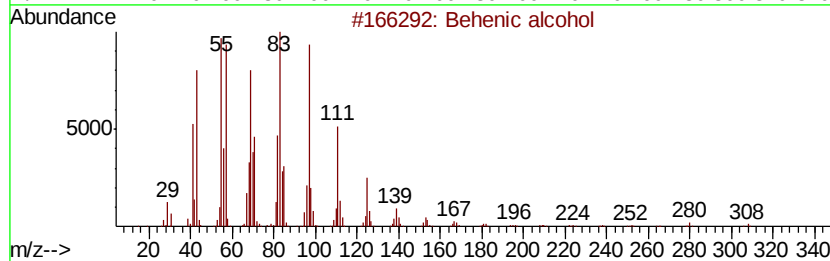
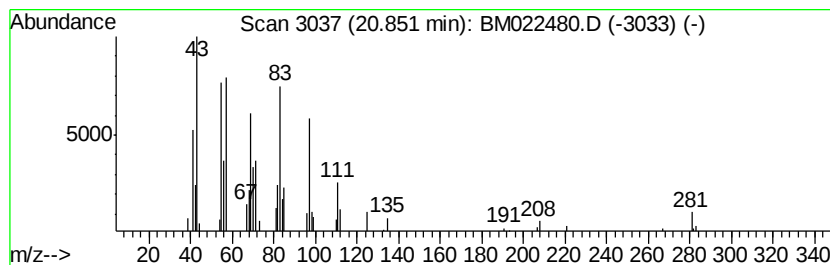
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Peak Number 5 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	4.69 ng	65958	Chrysene-d12	21.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	90
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	90
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	87
4		1-Nonadecene	266	C19H38	018435-45-5	87
5		9-Eicosene, (E)-	280	C20H40	074685-29-3	87



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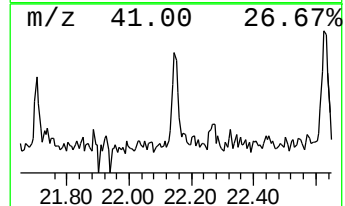
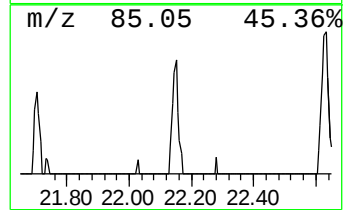
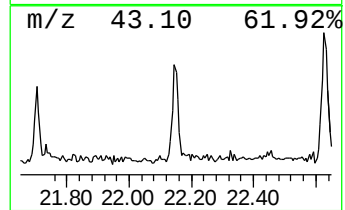
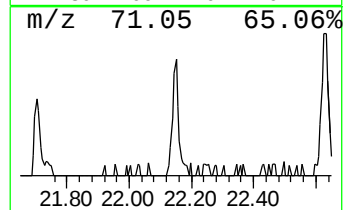
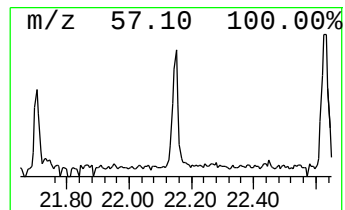
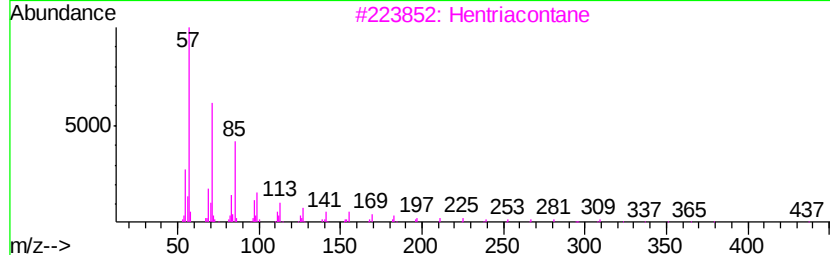
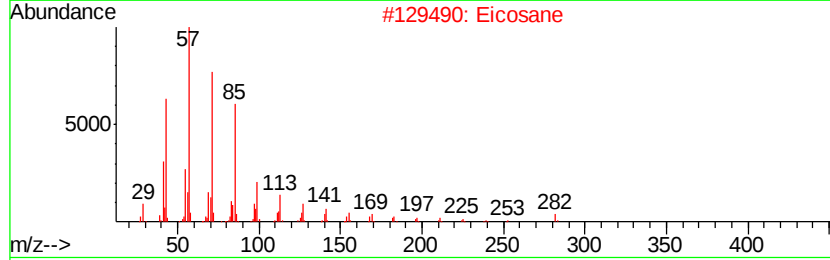
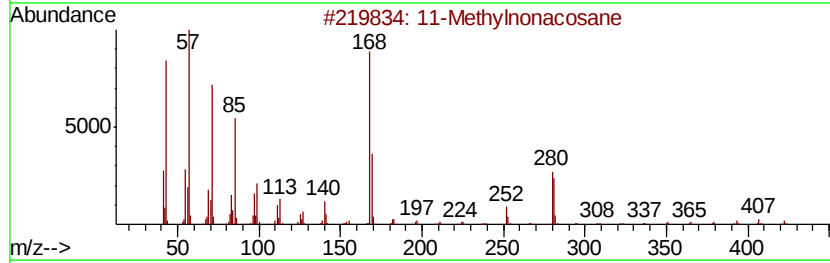
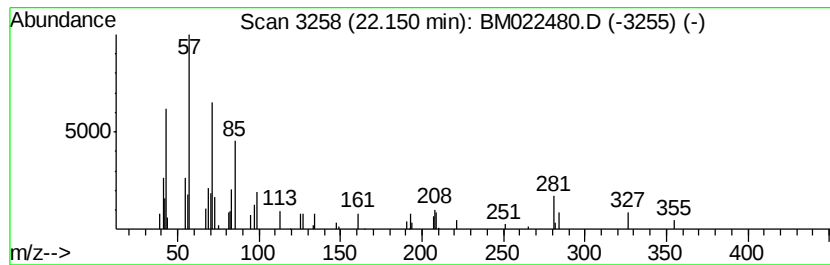
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 11-Methylnonacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.15	2.11 ng	29698	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11-Methylnonacosane	422	C30H62	007371-99-5	72
2		Eicosane	282	C20H42	000112-95-8	68
3		Hentriacontane	437	C31H64	000630-04-6	64
4		2-methylhexacosane	380	C27H56	1000376-72-7	64
5		10-Methylnonadecane	282	C20H42	056862-62-5	59



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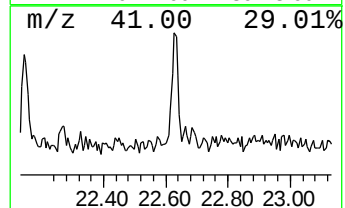
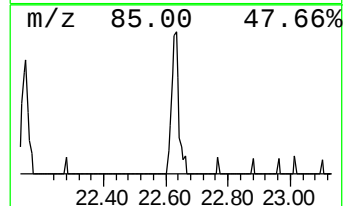
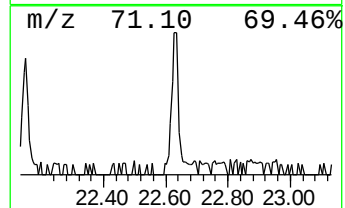
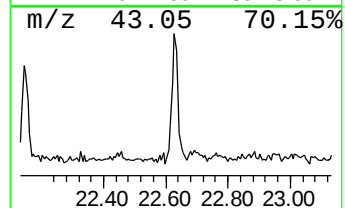
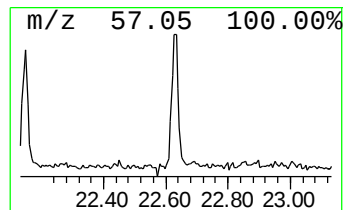
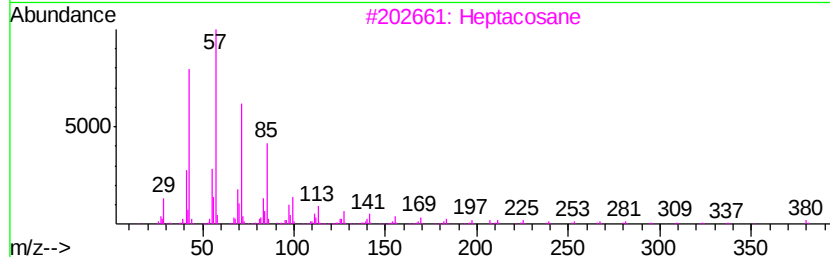
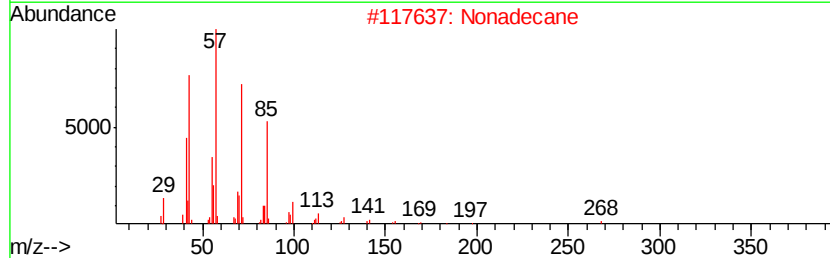
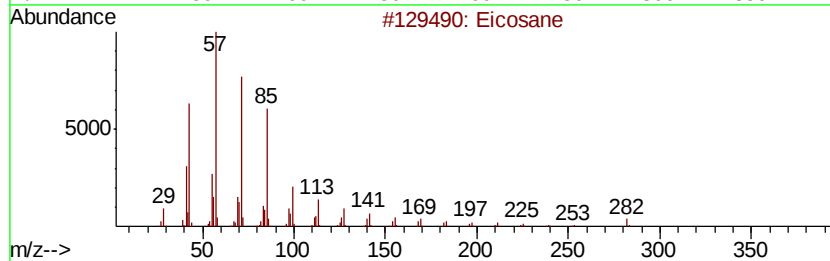
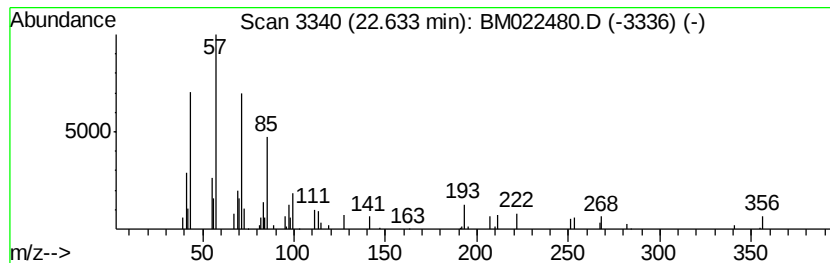
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	2.94 ng	39832	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	92
2		Nonadecane	268	C19H40	000629-92-5	89
3		Heptacosane	380	C27H56	000593-49-7	68
4		Hentriacontane	437	C31H64	000630-04-6	68
5		Tetratetracontane	619	C44H90	007098-22-8	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
 Data File : BM022480.D
 Acq On : 01 Sep 2019 16:58
 Operator : HP/JU
 Sample : K4619-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

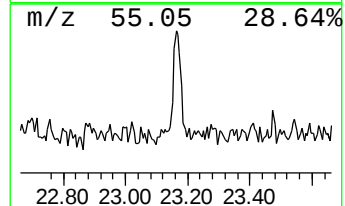
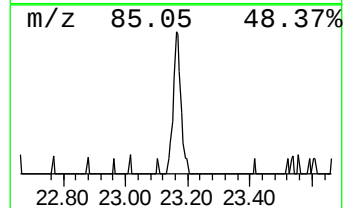
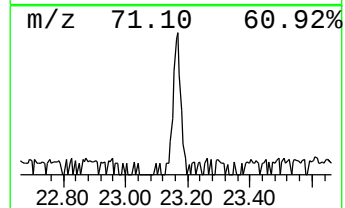
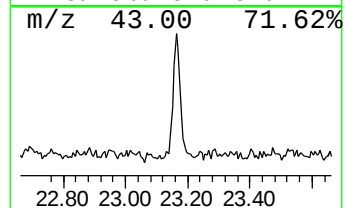
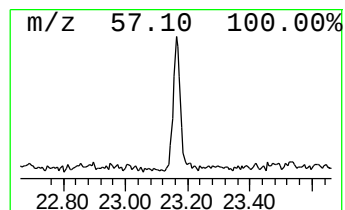
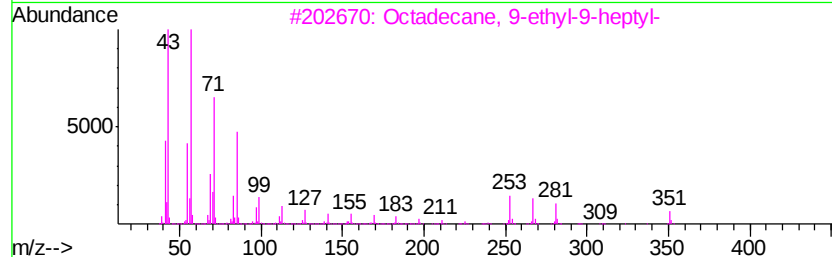
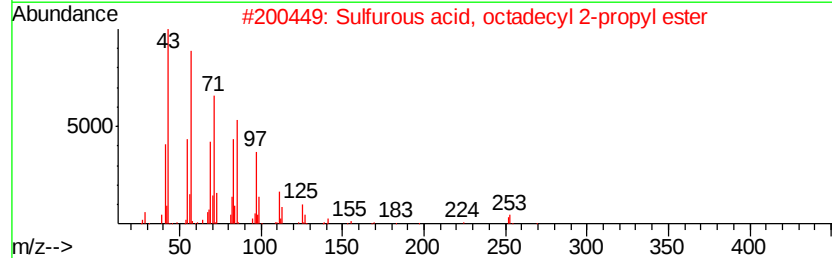
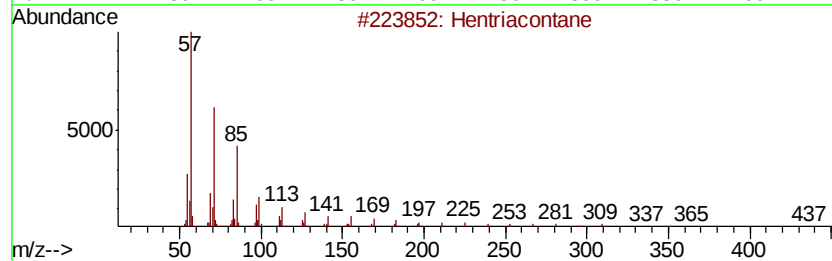
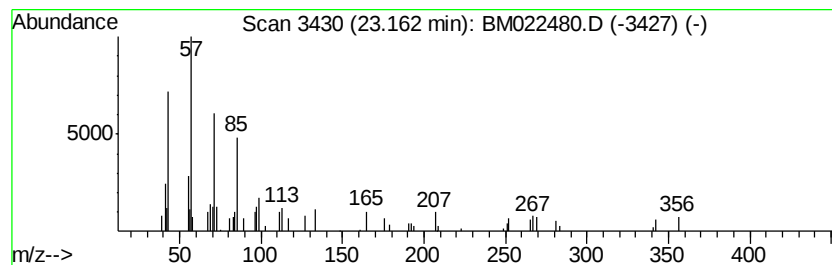
Instrument :
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 ClientSampleId :
 TP5-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 8 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.16	3.40 ng	46037	Perylene-d12	23.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	50
2	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	50
3	Octadecane, 9-ethyl-9-heptyl-	380	C27H56	055282-27-4	50
4	Heneicosane	296	C21H44	000629-94-7	49
5	Hexadecane	226	C16H34	000544-76-3	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM090119\
Data File : BM022480.D
Acq On : 01 Sep 2019 16:58
Operator : HP/JU
Sample : K4619-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP5-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.05	7.05	85.1	ng	295388	1	7.50	69393	20.0
n-Hexadecanoic acid	17.83	11.0	ng	75106	4	16.95	136929	20.0
Octadecanoic acid	19.13	4.4	ng	62305	5	21.16	281394	20.0
Behenic alcohol	20.85	4.7	ng	65958	5	21.16	281394	20.0
11-Methylnonacosane	22.15	2.1	ng	29698	5	21.16	281394	20.0
Eicosane	22.63	2.9	ng	39832	6	23.34	270579	20.0
Hentriacontane	23.16	3.4	ng	46037	6	23.34	270579	20.0