

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
 Data File : BM050115.D
 Acq On : 06 May 2025 12:04
 Operator : RC/JU
 Sample : Q1938-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOWER-WALL-PILE-C

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_M\Methods\8270-BM042825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050115.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.869	314	320	328	rBV	250157	367302	3.27%	0.598%
2	5.340	393	400	416	rBV	2543276	4018610	35.75%	6.541%
3	6.934	664	671	693	rBV	2218001	4029438	35.85%	6.559%
4	7.745	802	809	820	rBV	817695	1357458	12.08%	2.210%
5	8.904	998	1006	1027	rBV	1351406	2578470	22.94%	4.197%
6	10.539	1276	1284	1298	rBV	918549	1721202	15.31%	2.802%
7	13.010	1695	1704	1722	rBV	4127188	6567848	58.43%	10.691%
8	14.392	1932	1939	1951	rBV	1561886	2428560	21.60%	3.953%
9	15.627	2129	2149	2165	rBV4	516091	2917754	25.96%	4.749%
10	15.751	2165	2170	2187	rVV	600137	1300009	11.56%	2.116%
11	15.886	2187	2193	2219	rVB	3573453	5869939	52.22%	9.555%
12	17.139	2400	2406	2420	rBV2	1834412	2910434	25.89%	4.737%
13	18.045	2553	2560	2581	rBV	3525565	5561794	49.48%	9.053%
14	19.321	2772	2777	2793	rBV	920968	1624706	14.45%	2.645%
15	19.580	2817	2821	2828	rVB3	87920	113690	1.01%	0.185%
16	19.768	2847	2853	2867	rBV	8931589	11241062	100.00%	18.298%
17	20.439	2964	2967	2975	rBV3	83427	133732	1.19%	0.218%
18	21.056	3068	3072	3077	rBV2	289944	459450	4.09%	0.748%
19	21.386	3122	3128	3139	rBV	2005937	3176224	28.26%	5.170%
20	24.374	3629	3636	3650	rVB	1175057	3056505	27.19%	4.975%

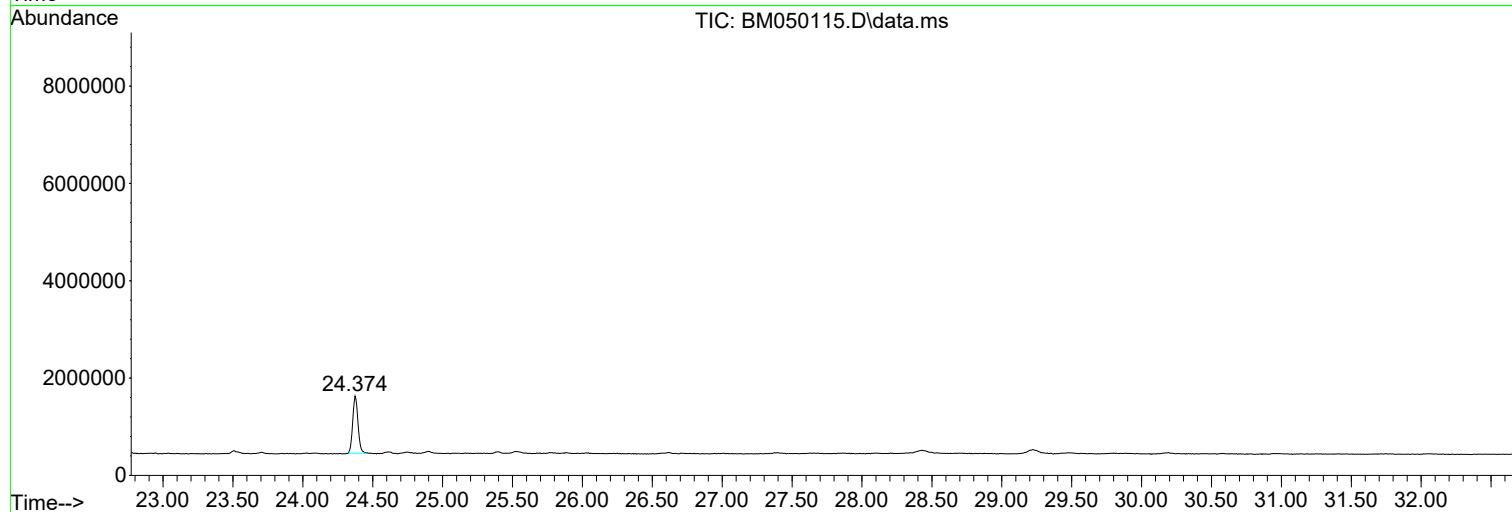
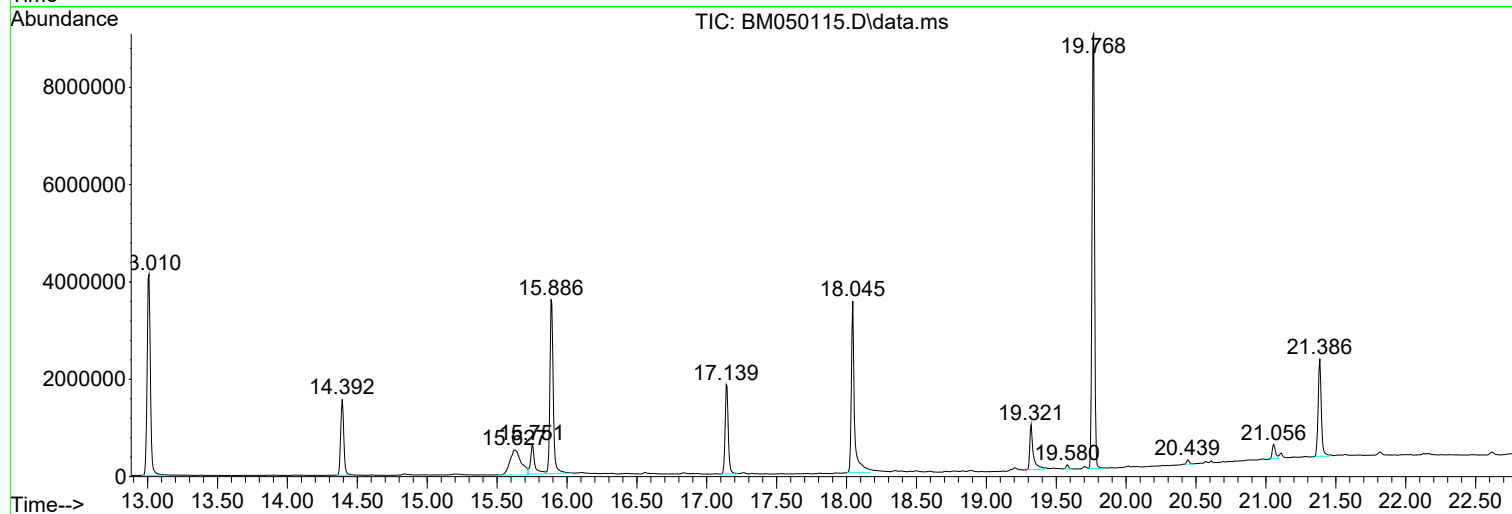
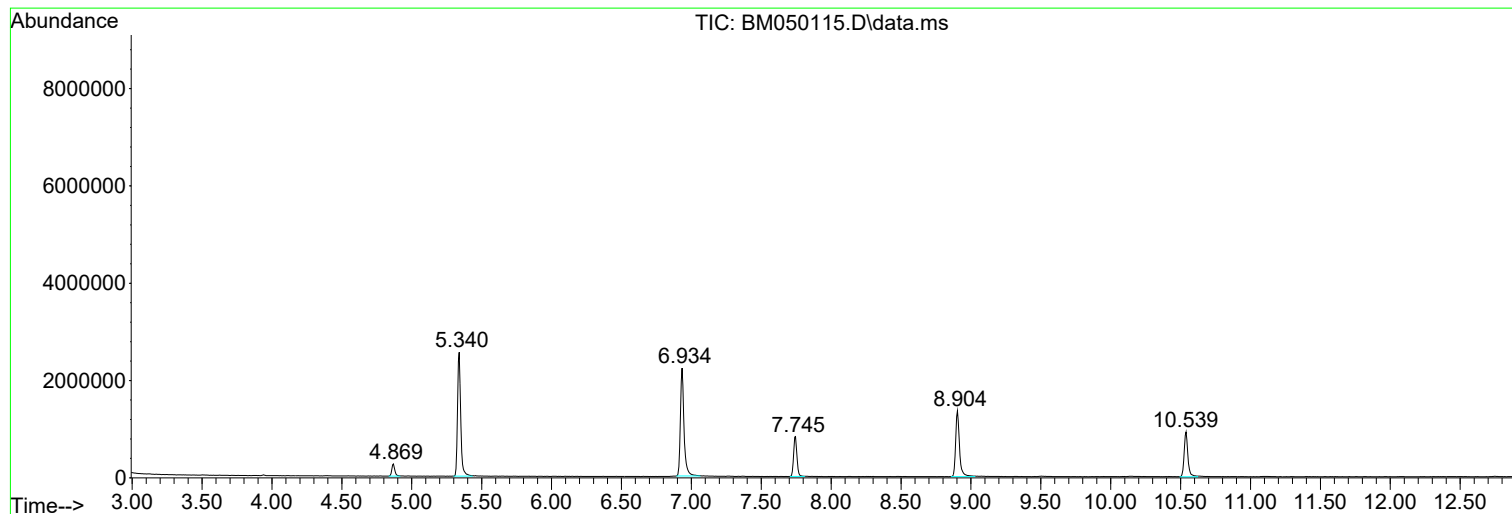
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Misc :
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Instrument :
BNA_M
ClientSampleId :
LOWER-WALL-PILE-C

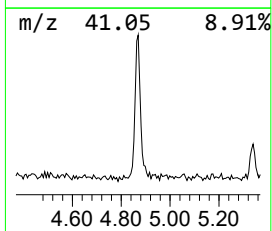
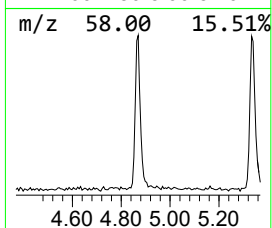
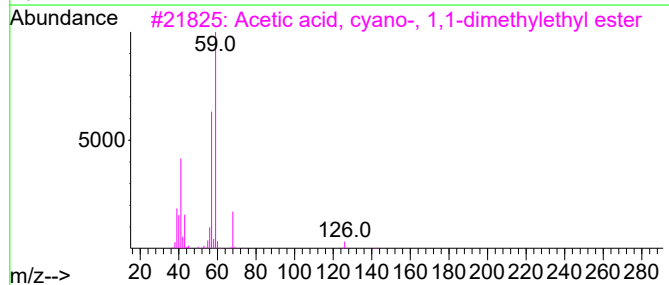
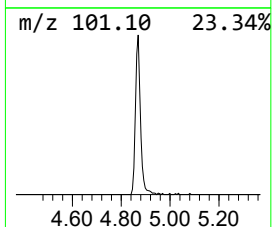
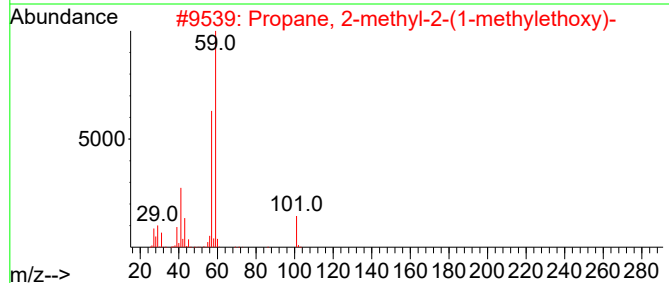
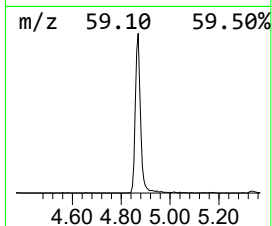
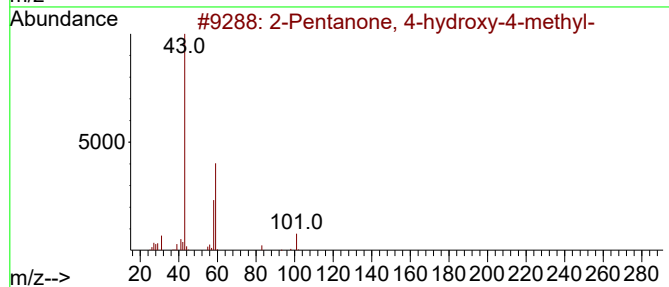
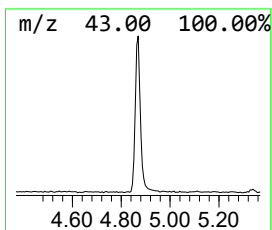
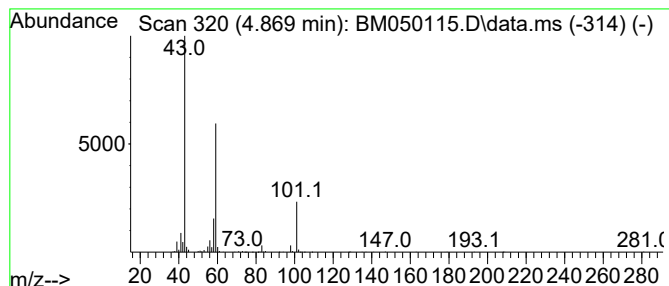
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	5.41 ng	367302	1,4-Dichlorobenzene-d4	7.745

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72		
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23		
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23		
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9		



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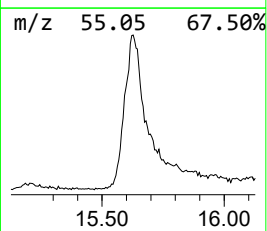
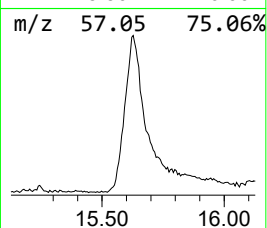
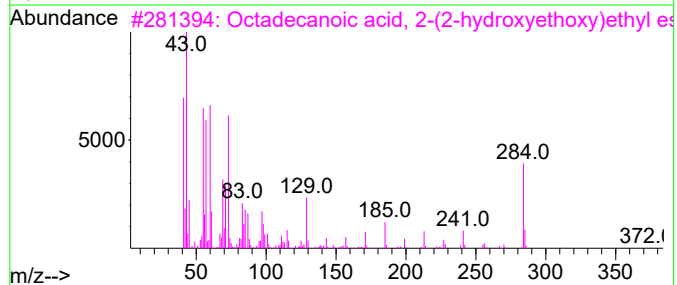
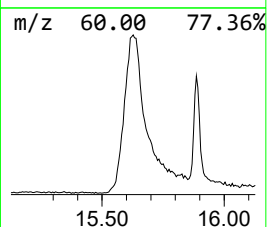
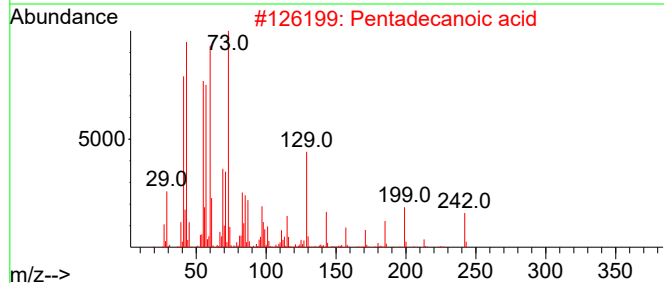
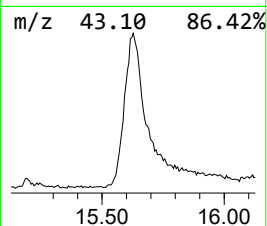
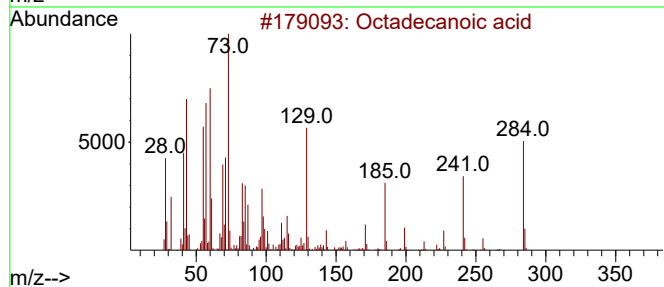
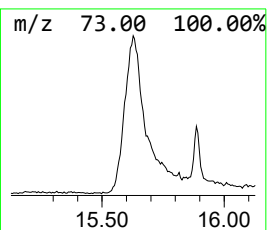
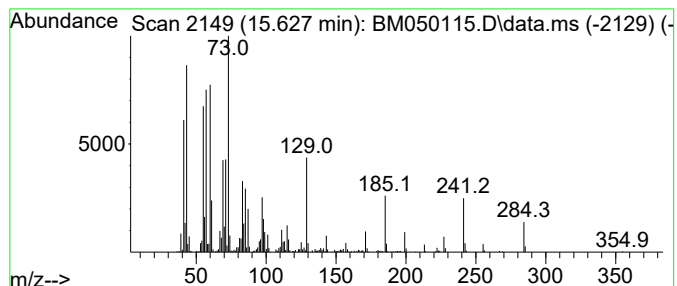
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.627	24.03 ng	2917750	Acenaphthene-d10	14.392

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	93
3			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72



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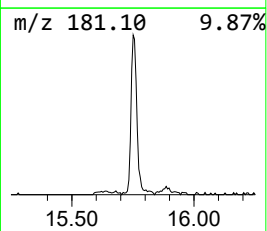
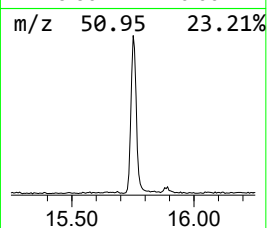
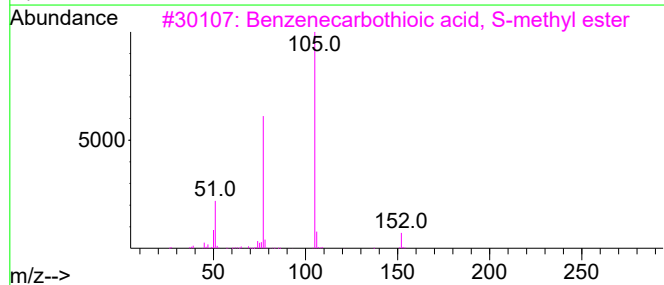
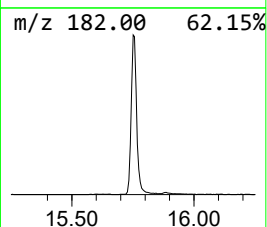
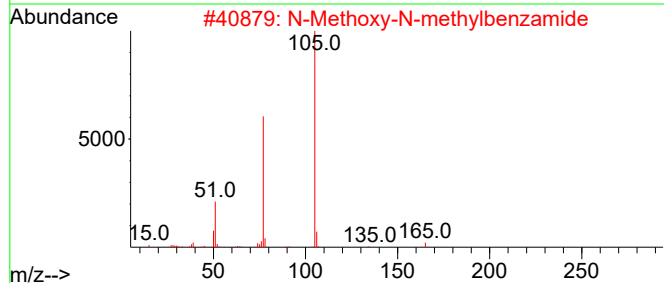
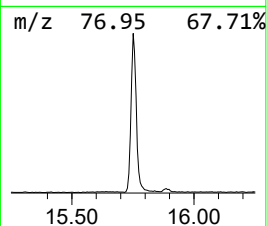
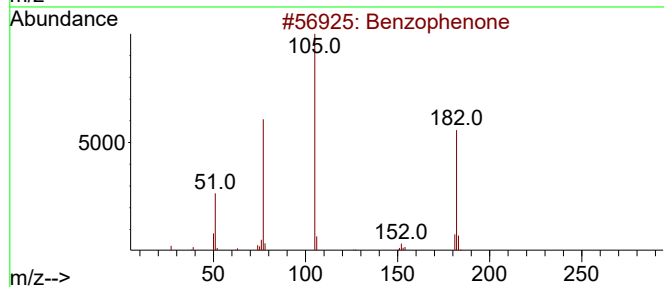
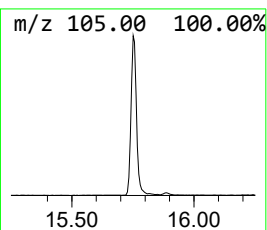
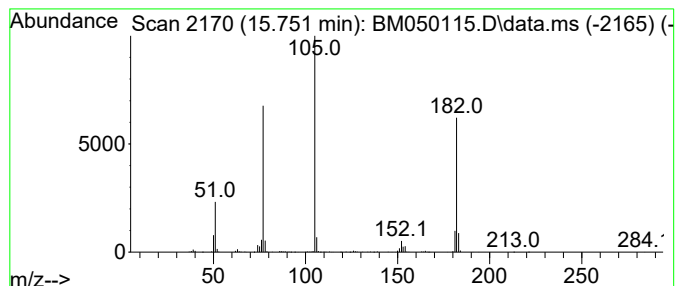
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Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.751	10.71 ng	1300010	Acenaphthene-d10	14.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	49
3			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
4			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
5			Benzoic acid, 3,5-difluophenyl e...	234	C13H8F2O2	1000357-79-5	47



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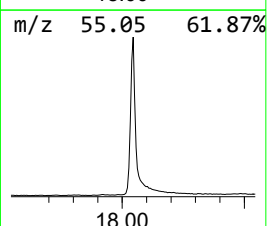
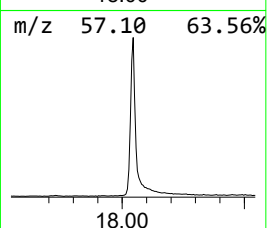
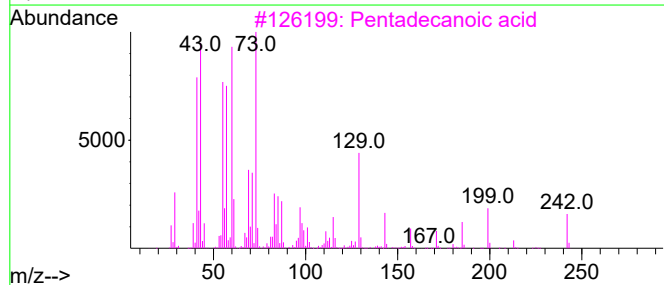
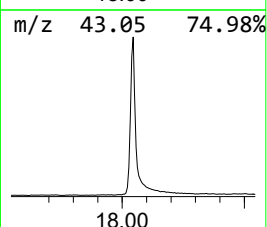
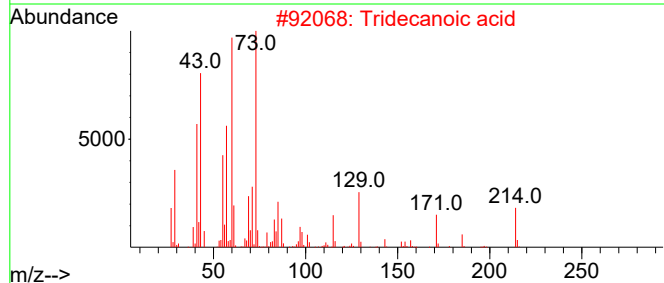
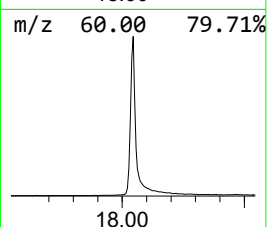
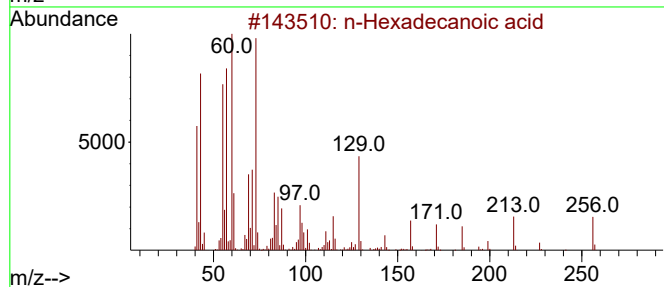
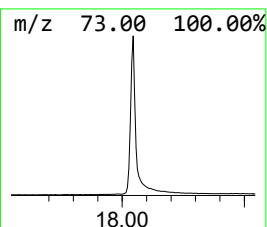
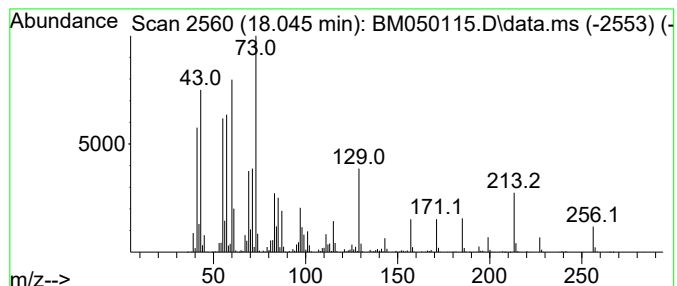
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	38.22 ng	5561790	Phenanthrene-d10	17.139

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			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5			n-Decanoic acid	172	C10H20O2	000334-48-5	76



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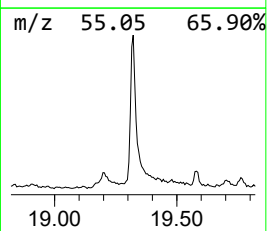
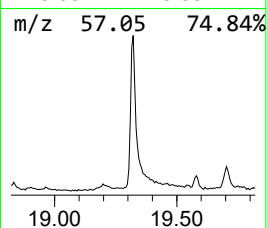
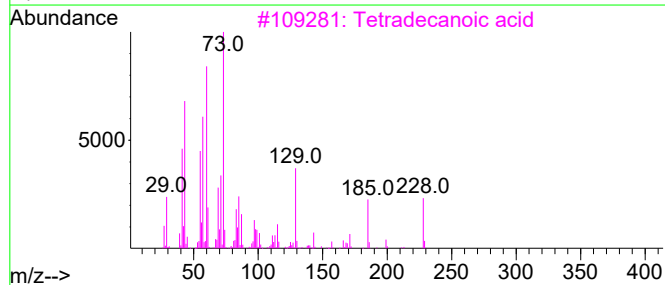
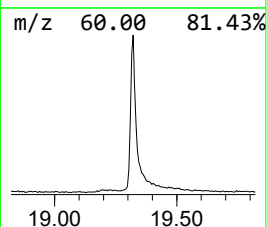
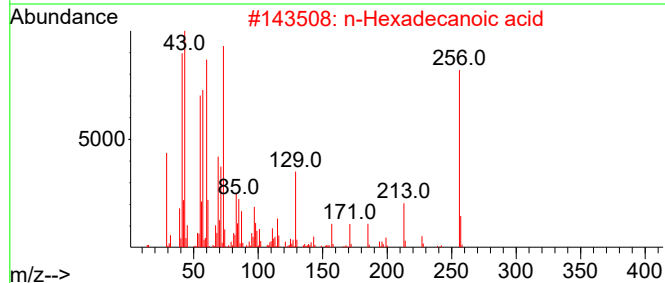
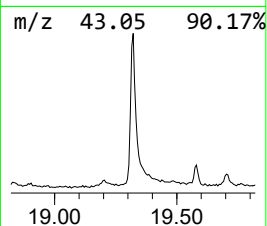
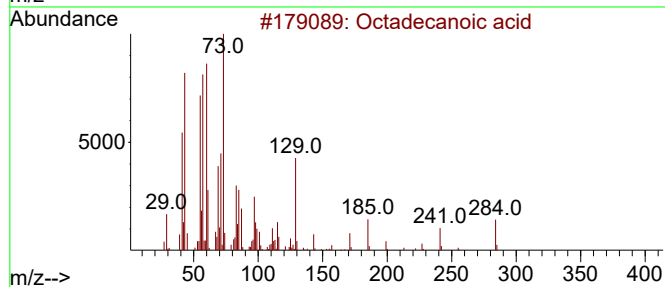
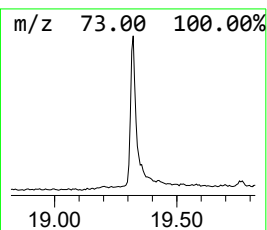
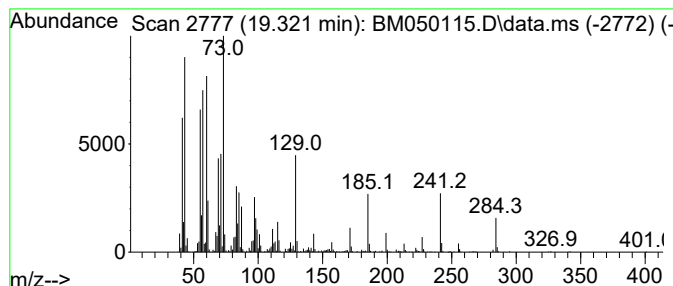
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Peak Number 5 Tetradecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.321	10.23 ng	1624710	Chrysene-d12	21.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	76



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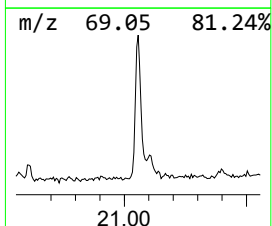
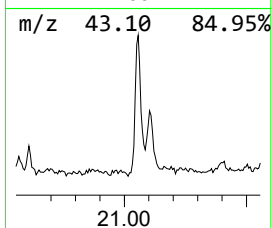
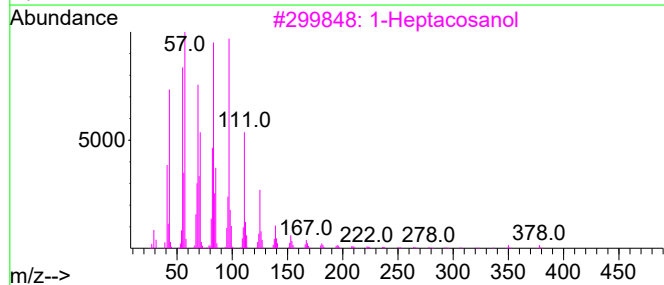
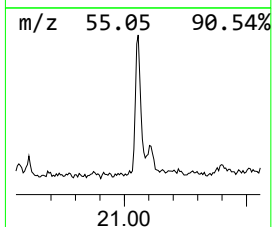
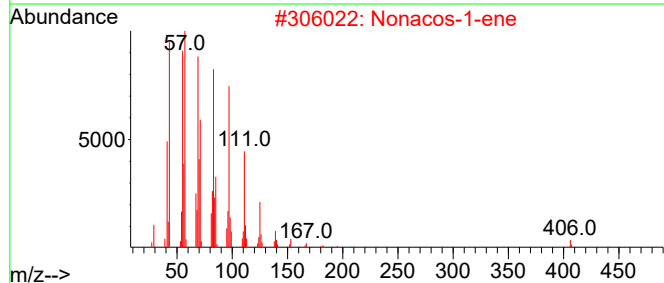
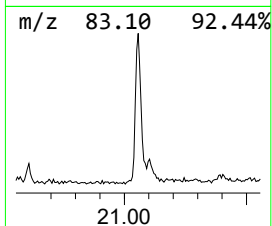
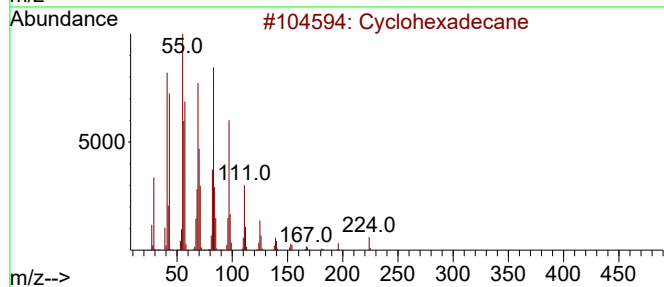
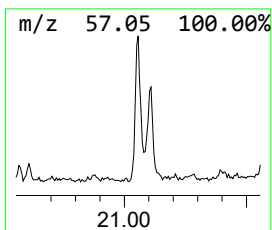
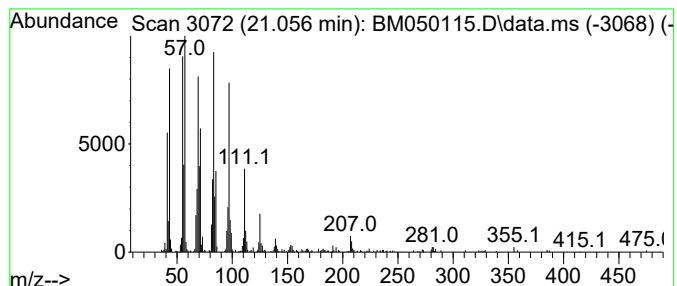
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.056	2.89 ng	459450	Chrysene-d12	21.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	94
2			Nonacos-1-ene	406	C29H58	018835-35-3	94
3			1-Heptacosanol	396	C27H56O	002004-39-9	94
4			1-Hexacosene	364	C26H52	018835-33-1	91
5			1-Heneicosyl formate	340	C22H44O2	077899-03-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
Data File : BM050115.D
Acq On : 06 May 2025 12:04
Operator : RC/JU
Sample : Q1938-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOWER-WALL-PILE-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.869	5.4	ng	367302	1	7.745	1357460	20.0
Octadecanoic acid	15.627	24.0	ng	2917750	3	14.392	2428560	20.0
Benzophenone	15.751	10.7	ng	1300010	3	14.392	2428560	20.0
n-Hexadecanoic ...	18.045	38.2	ng	5561790	4	17.139	2910430	20.0
Tetradecanoic acid	19.321	10.2	ng	1624710	5	21.386	3176220	20.0
Cyclohexadecane	21.056	2.9	ng	459450	5	21.386	3176220	20.0