

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050625\
 Data File : BM050116.D
 Acq On : 06 May 2025 12:44
 Operator : RC/JU
 Sample : Q1938-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

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: BM050116.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	332	rBV	248155	379799	3.31%	0.662%
2	5.340	393	400	422	rBV	2586303	4211485	36.71%	7.345%
3	6.934	664	671	694	rBV	2252753	4317278	37.63%	7.530%
4	7.739	802	808	819	rBV	928442	1528379	13.32%	2.666%
5	8.904	998	1006	1035	rBV	1402400	2766016	24.11%	4.824%
6	10.539	1276	1284	1301	rBV	1020629	2009253	17.51%	3.504%
7	13.010	1696	1704	1728	rBV	4649432	7261684	63.30%	12.665%
8	14.392	1932	1939	1957	rBV	1708031	2812927	24.52%	4.906%
9	15.751	2164	2170	2184	rBV	541717	854736	7.45%	1.491%
10	15.886	2187	2193	2215	rBV	3450134	5730034	49.95%	9.994%
11	17.139	2400	2406	2420	rBV2	2089489	3299411	28.76%	5.754%
12	18.039	2554	2559	2580	rBV	1173423	2222580	19.37%	3.876%
13	19.203	2754	2757	2764	rVB	88557	129897	1.13%	0.227%
14	19.321	2772	2777	2789	rBV	252357	548159	4.78%	0.956%
15	19.574	2817	2820	2828	rVB	103154	152171	1.33%	0.265%
16	19.768	2847	2853	2864	rBV	9404675	11471782	100.00%	20.008%
17	21.056	3068	3072	3084	rVB	445316	703621	6.13%	1.227%
18	21.386	3122	3128	3141	rBV	2202421	3466347	30.22%	6.046%
19	24.374	3629	3636	3649	rVB	1412691	3470948	30.26%	6.054%

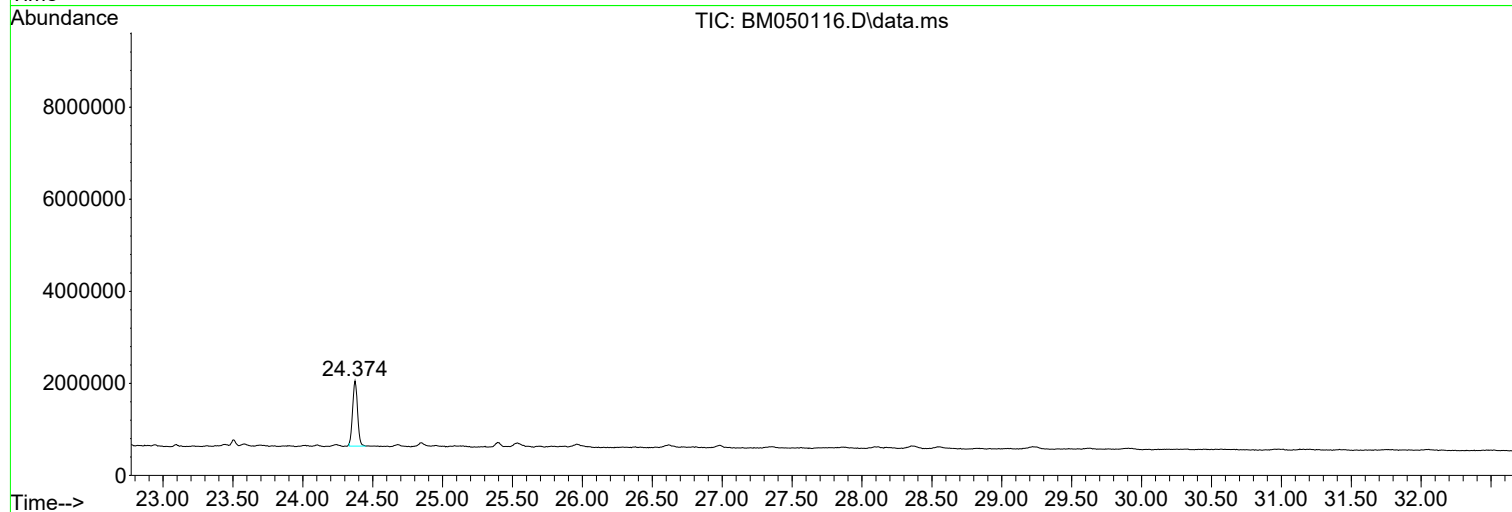
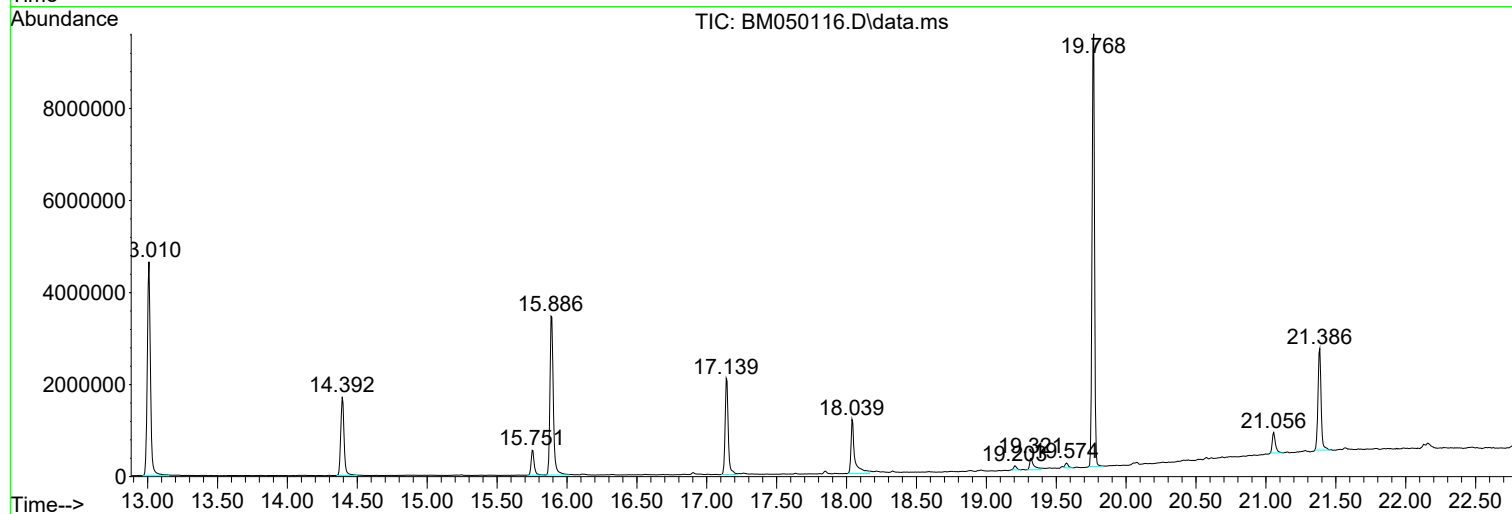
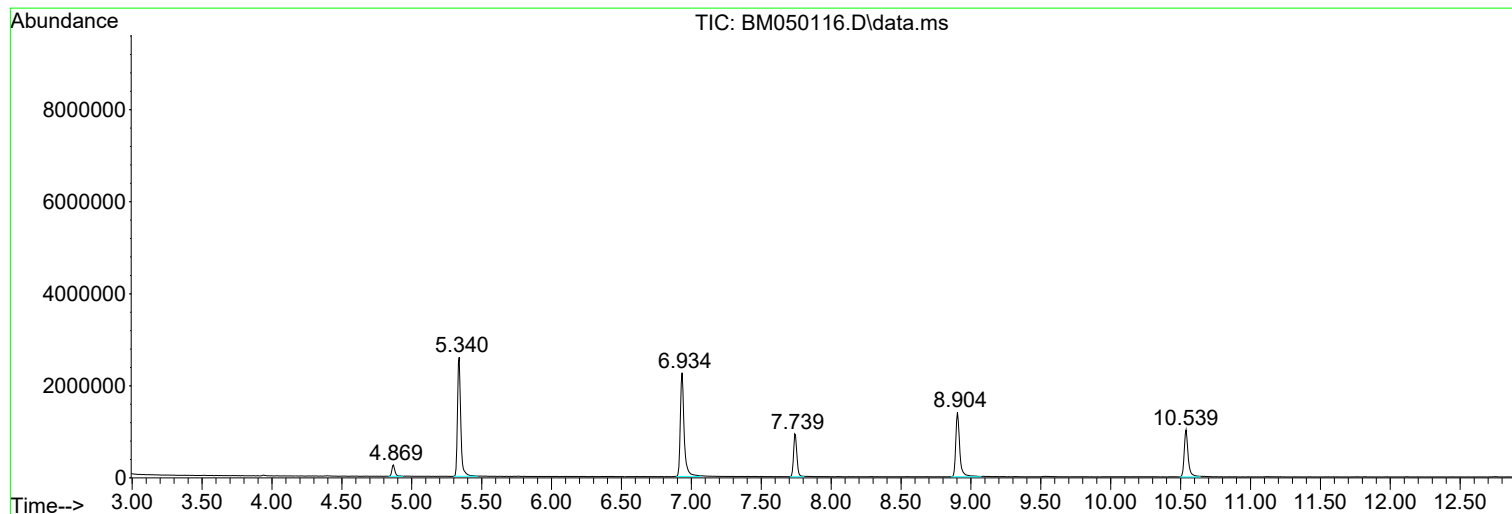
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BM050116.D
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Sample : Q1938-07
Misc :
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Instrument :
BNA_M
ClientSampleId :
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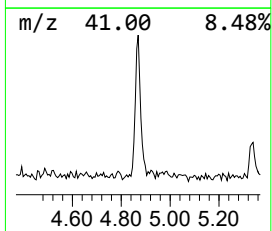
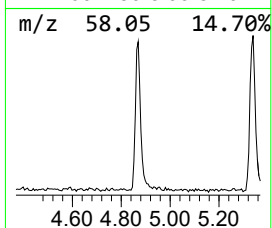
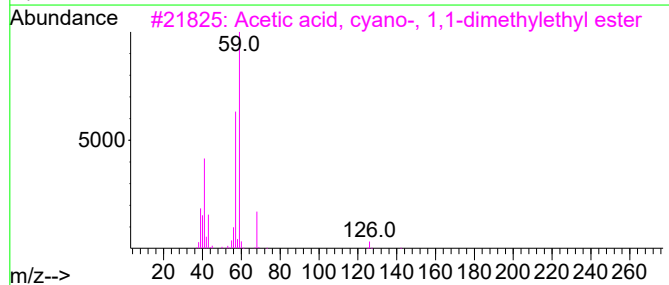
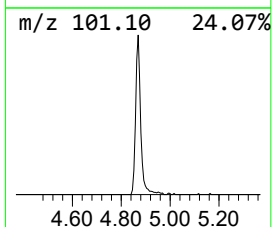
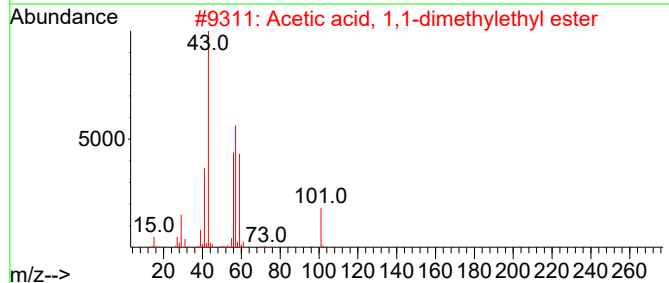
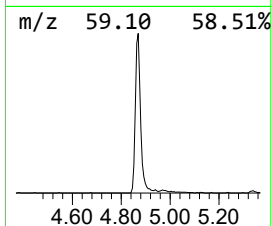
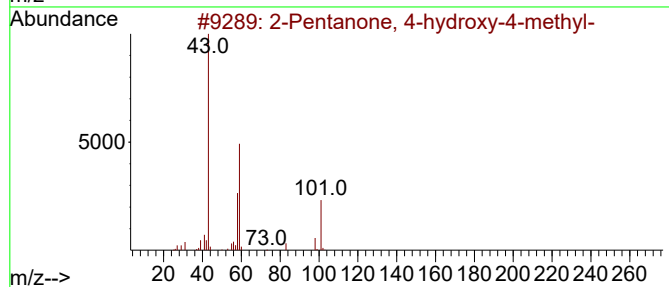
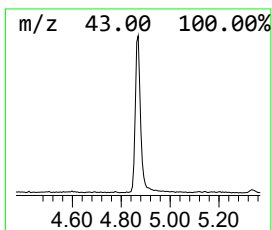
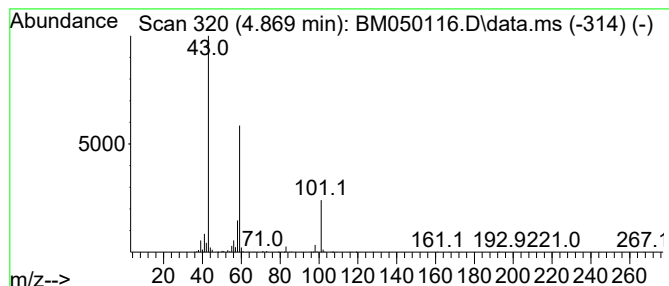
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	4.97 ng	379799	1,4-Dichlorobenzene-d4	7.739

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25		
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		



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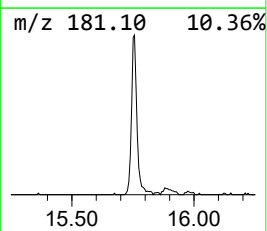
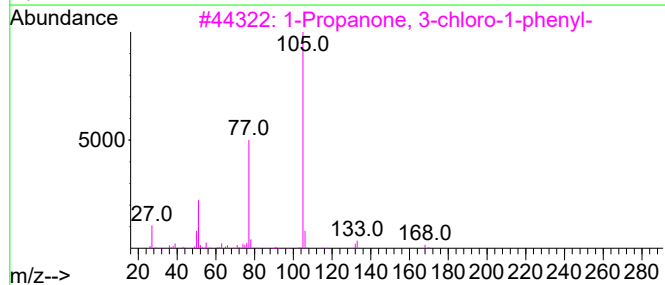
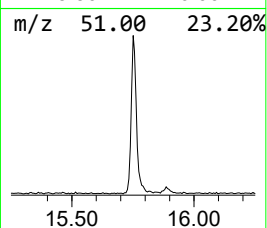
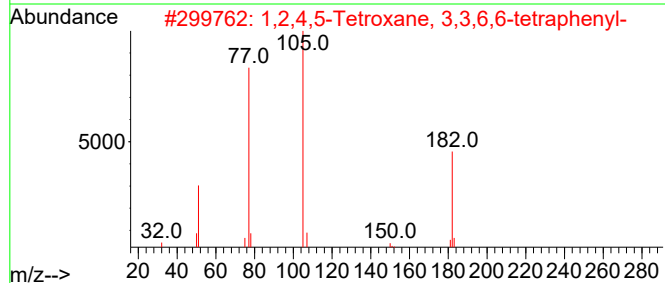
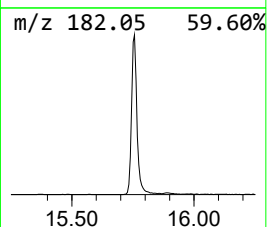
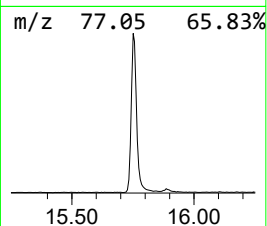
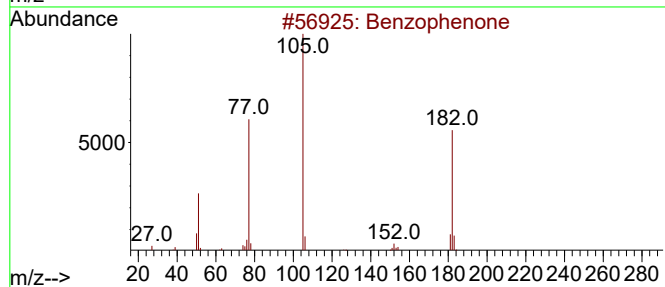
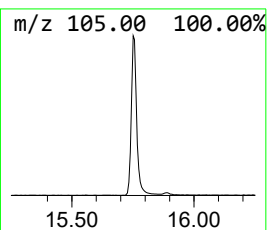
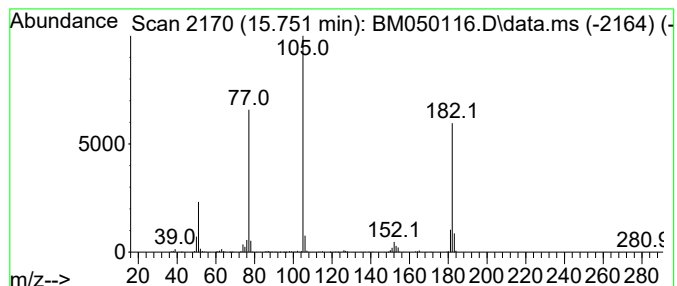
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.751	6.08 ng	854736	Acenaphthene-d10	14.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3			1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
4			5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	47
5			Vinyl benzoate	148	C9H8O2	000769-78-8	47



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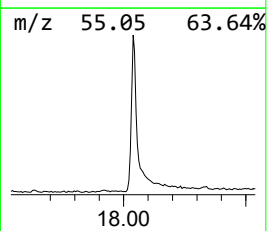
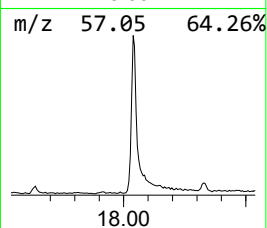
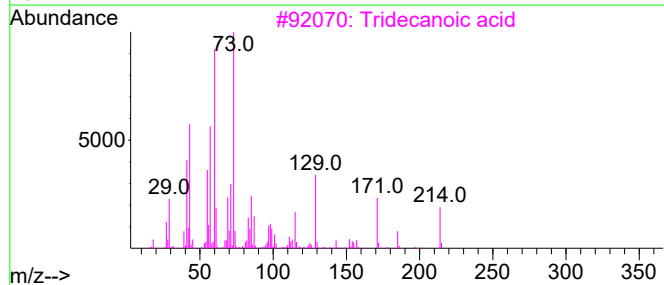
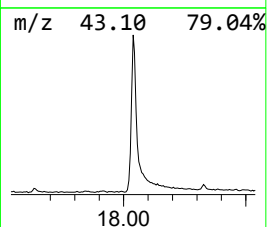
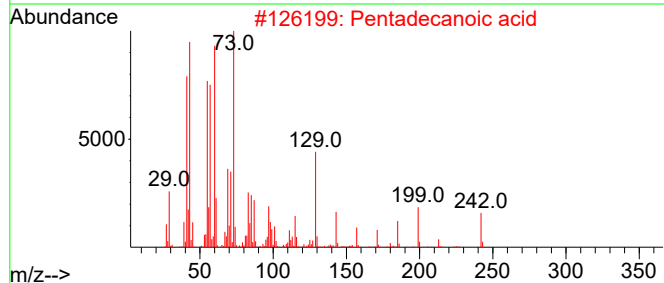
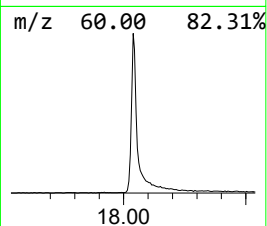
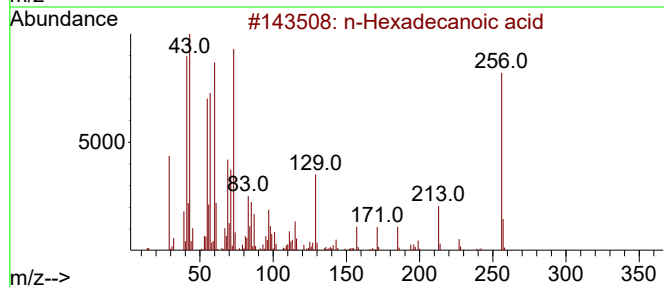
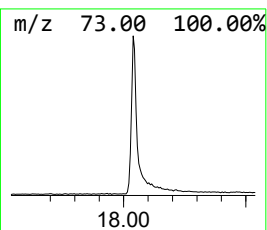
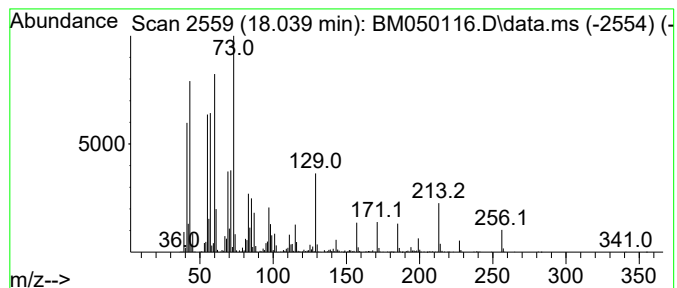
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	13.47 ng	2222580	Phenanthrene-d10	17.139

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	91
3			Tridecanoic acid	214	C13H26O2	000638-53-9	89
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5			Dodecanoic acid	200	C12H24O2	000143-07-7	52



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Instrument :
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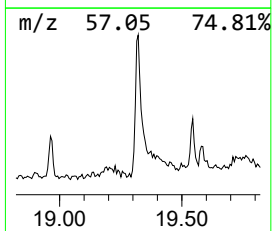
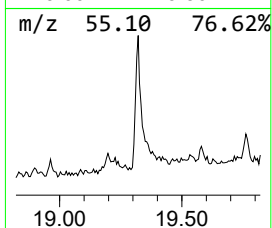
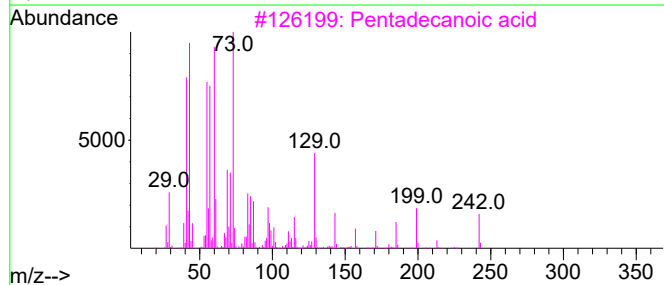
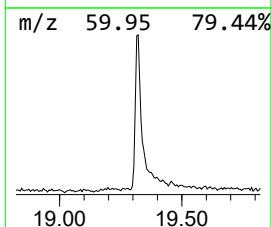
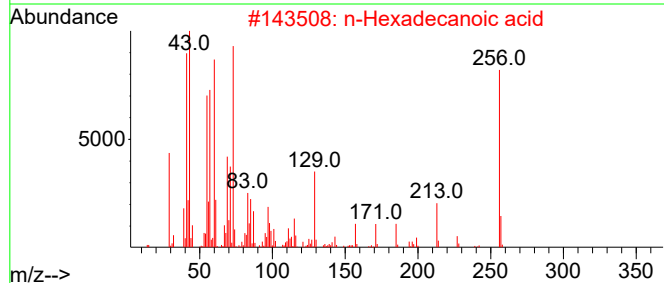
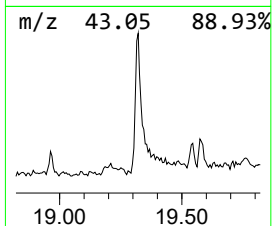
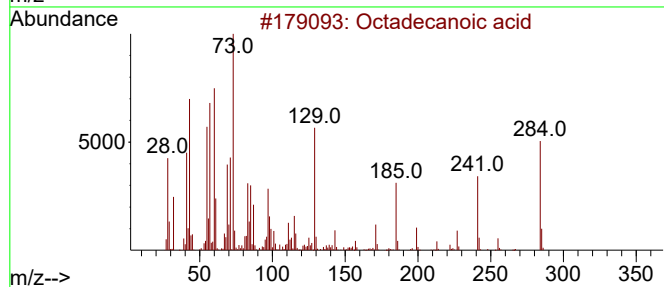
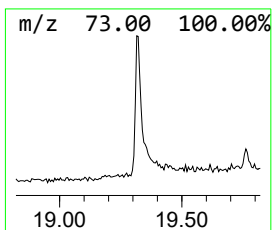
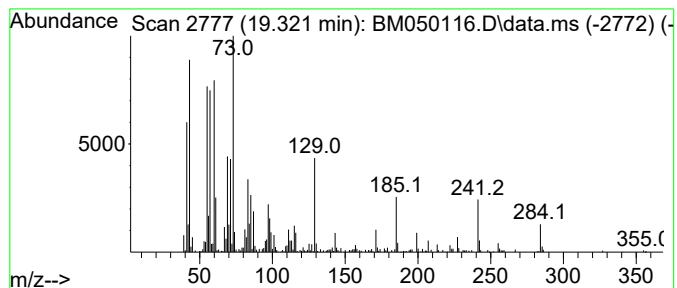
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.321	3.16 ng	548159	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			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			Tridecanoic acid	214	C13H26O2	000638-53-9	70



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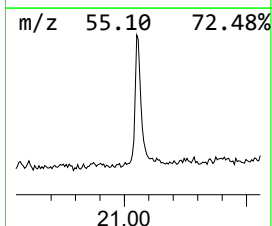
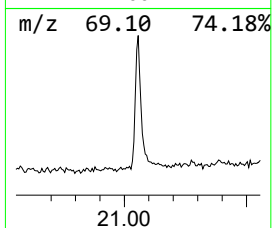
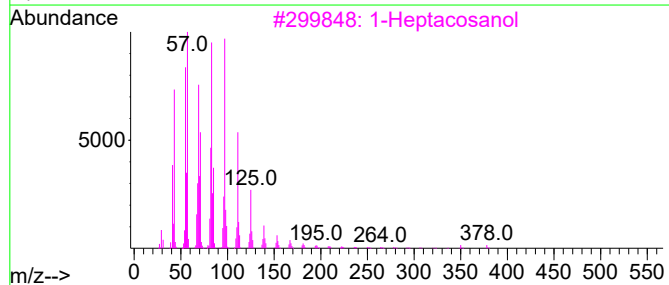
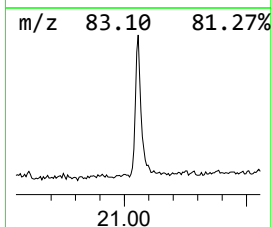
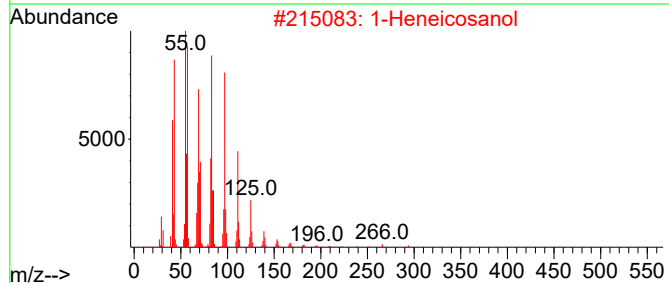
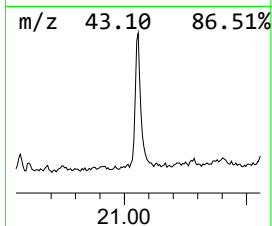
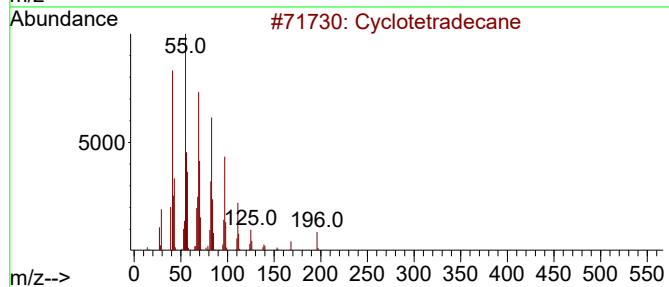
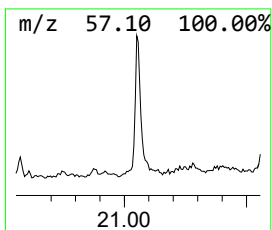
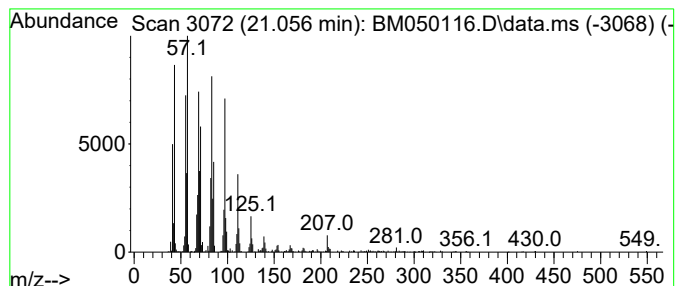
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclotetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.056	4.06 ng	703621	Chrysene-d12	21.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetradecane	196	C14H28	000295-17-0	93
2			1-Heneicosanol	312	C21H44O	015594-90-8	93
3			1-Heptacosanol	396	C27H56O	002004-39-9	93
4			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.869	5.0	ng	379799	1	7.739	1528380	20.0
Benzophenone	15.751	6.1	ng	854736	3	14.392	2812930	20.0
n-Hexadecanoic ...	18.039	13.5	ng	2222580	4	17.139	3299410	20.0
Octadecanoic acid	19.321	3.2	ng	548159	5	21.386	3466350	20.0
Cyclotetradecane	21.056	4.1	ng	703621	5	21.386	3466350	20.0