

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
 Data File : BM050099.D
 Acq On : 05 May 2025 15:03
 Operator : RC/JU
 Sample : Q1914-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS-9

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: BM050099.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	315	320	327	rBV	257279	371609	3.53%	0.478%
2	5.340	394	400	422	rBV	2500627	4022752	38.25%	5.179%
3	6.939	660	672	692	rBV	2363940	4263843	40.54%	5.490%
4	7.745	803	809	819	rBV	1193531	1880992	17.88%	2.422%
5	8.904	999	1006	1029	rBV	1537471	2720431	25.86%	3.503%
6	10.539	1276	1284	1294	rBV	1432753	2438065	23.18%	3.139%
7	13.010	1697	1704	1721	rBV	4638434	6715897	63.85%	8.647%
8	14.392	1933	1939	1947	rBV	2266150	3267040	31.06%	4.206%
9	15.139	2047	2066	2076	rBV6	487109	3411221	32.43%	4.392%
10	15.215	2076	2079	2103	rVB	494204	1021384	9.71%	1.315%
11	15.751	2165	2170	2184	rVB	567671	925546	8.80%	1.192%
12	15.886	2187	2193	2209	rBV	3459272	5331748	50.69%	6.865%
13	16.551	2302	2306	2313	rBV	114072	188615	1.79%	0.243%
14	17.139	2401	2406	2411	rVV2	2591768	3710453	35.28%	4.777%
15	17.186	2411	2414	2419	rVB	275624	368013	3.50%	0.474%
16	17.280	2426	2430	2433	rVB	83564	110145	1.05%	0.142%
17	18.051	2551	2561	2568	rBV	6687790	10518297	100.00%	13.542%
18	18.103	2568	2570	2584	rVB	507215	935744	8.90%	1.205%
19	18.462	2628	2631	2636	rVB	157163	187720	1.78%	0.242%
20	18.580	2646	2651	2656	rBV3	189361	347970	3.31%	0.448%
21	19.203	2749	2757	2765	rBV	927752	1482275	14.09%	1.908%
22	19.321	2772	2777	2796	rBV	2410425	3851124	36.61%	4.958%
23	19.568	2811	2819	2829	rBV	641281	1168095	11.11%	1.504%
24	19.768	2848	2853	2859	rBV	7575150	8812791	83.79%	11.346%
25	20.362	2951	2954	2958	rVB	189642	220547	2.10%	0.284%
26	20.533	2981	2983	2986	rVB	116018	107033	1.02%	0.138%
27	21.050	3065	3071	3081	rVB6	401254	934151	8.88%	1.203%
28	21.280	3107	3110	3115	rVB	263161	312797	2.97%	0.403%
29	21.386	3121	3128	3133	rBV	2786188	4413752	41.96%	5.683%
30	24.374	3629	3636	3646	rBV	1478874	3629989	34.51%	4.674%

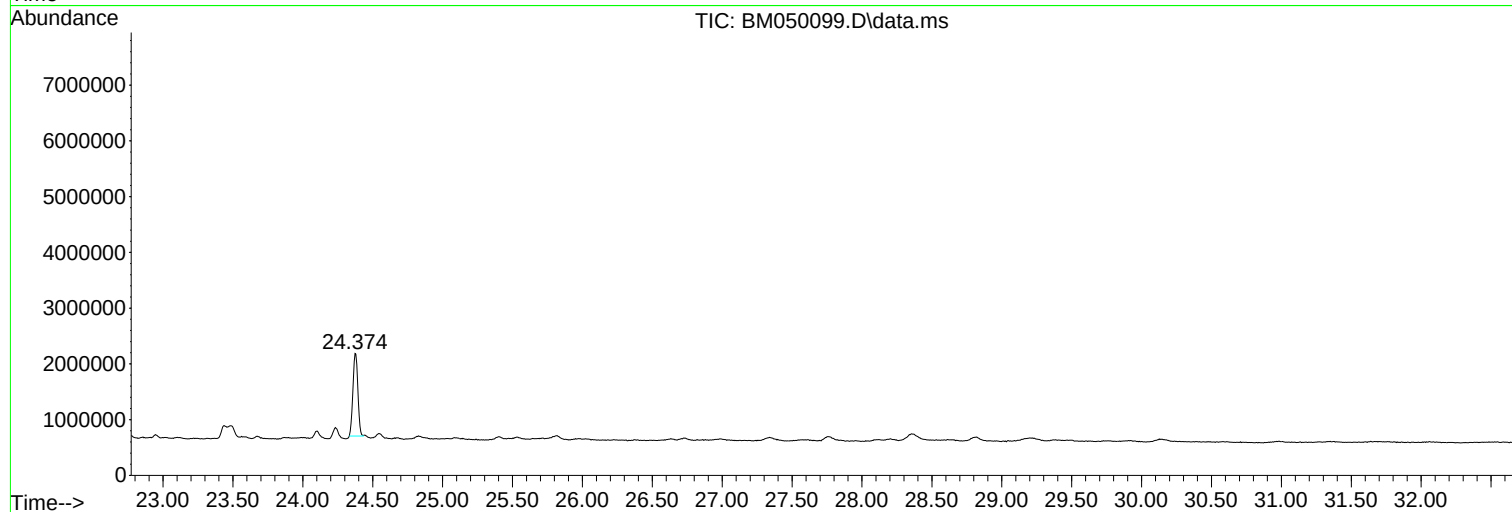
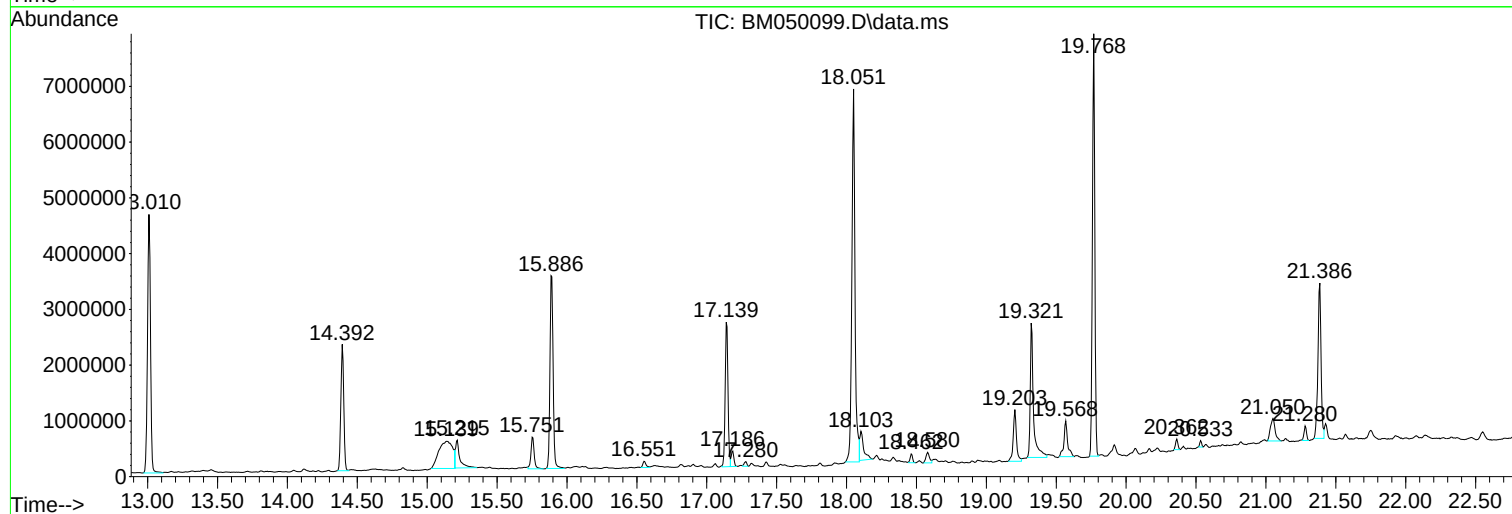
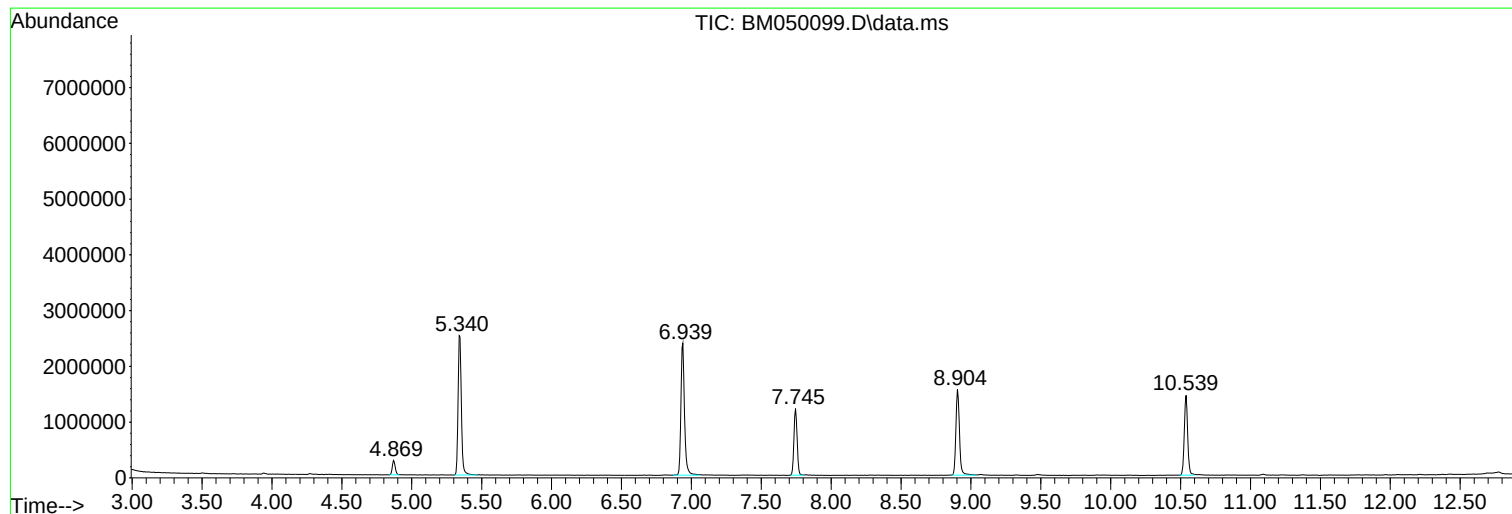
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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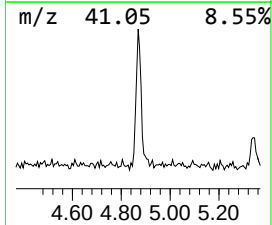
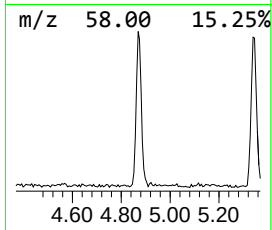
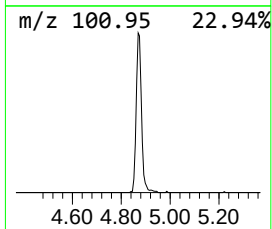
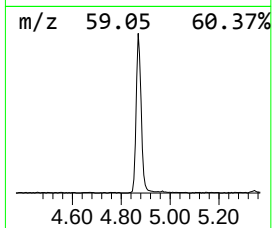
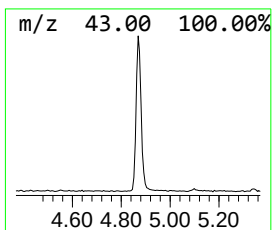
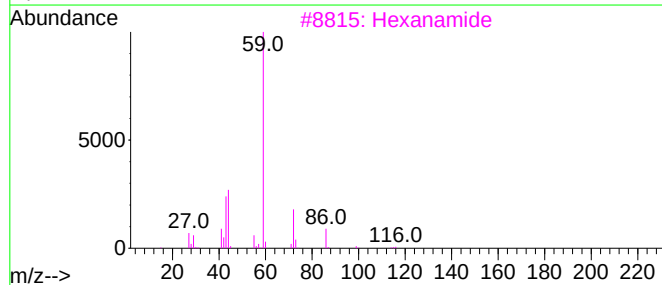
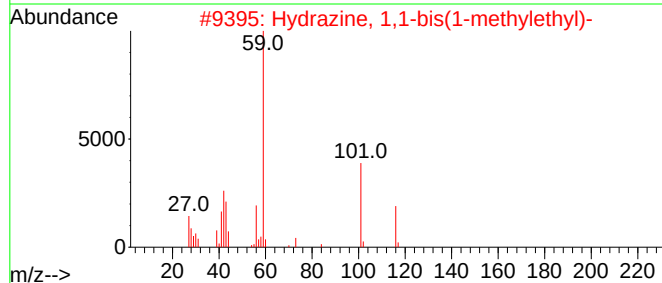
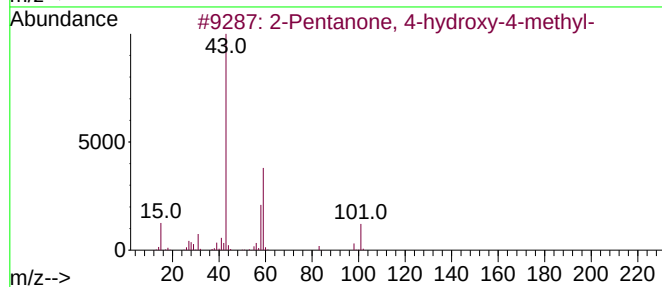
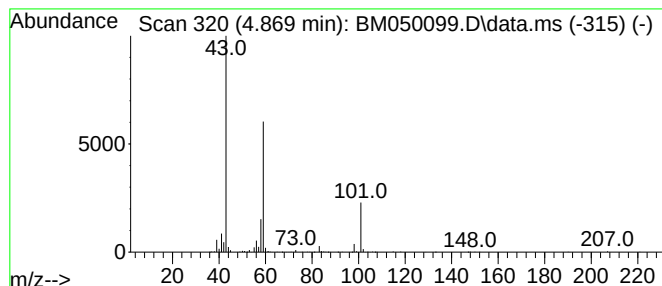
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.869	3.95 ng	371609	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	64		
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28		
3	Hexanamide	115	C6H13NO	000628-02-4	25		
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25		
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		



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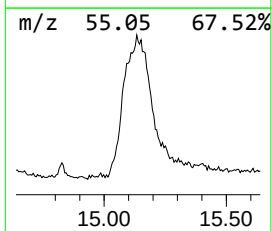
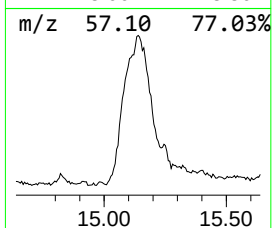
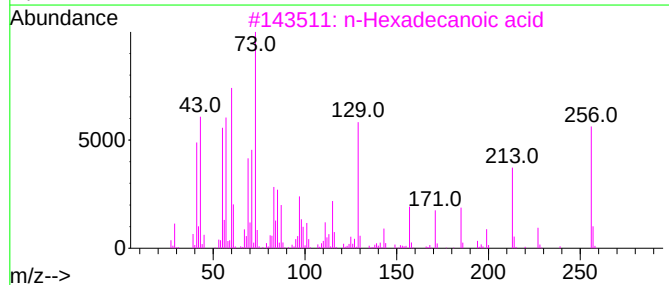
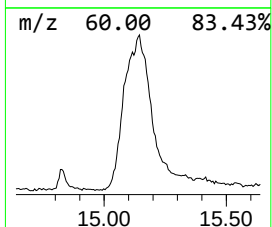
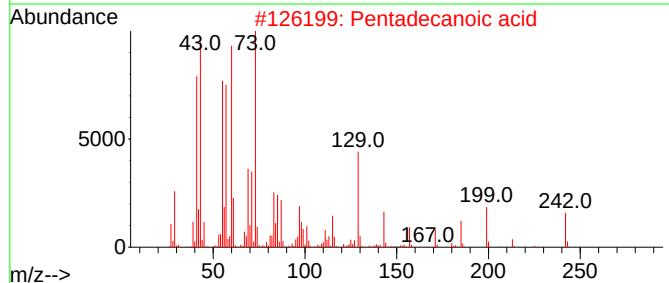
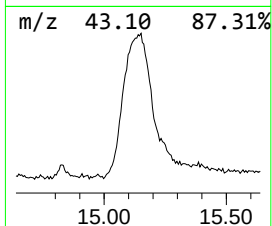
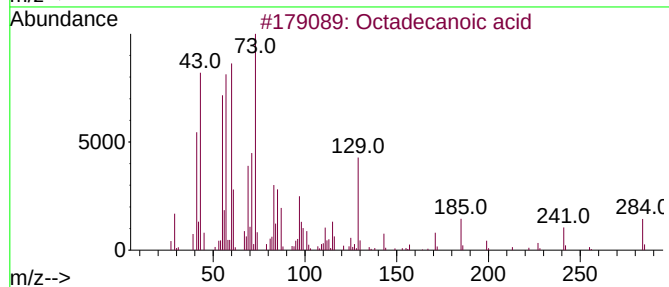
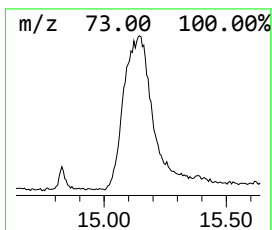
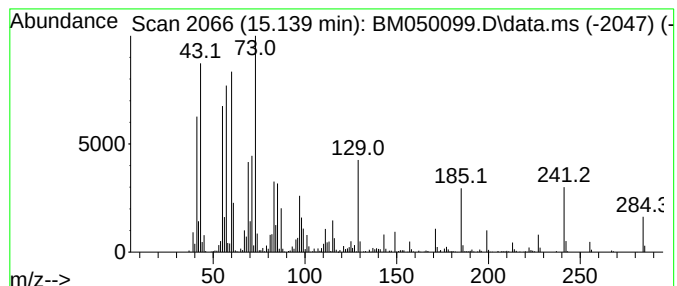
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.139	20.88 ng	3411220	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			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			Tridecanoic acid	214	C13H26O2	000638-53-9	76



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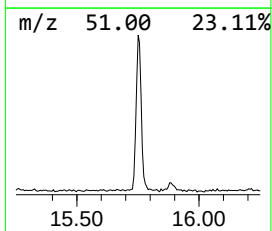
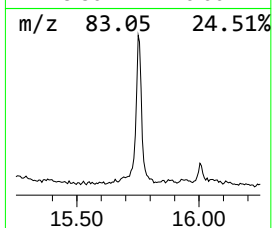
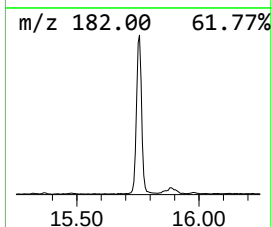
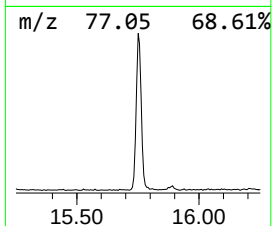
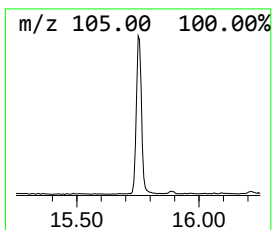
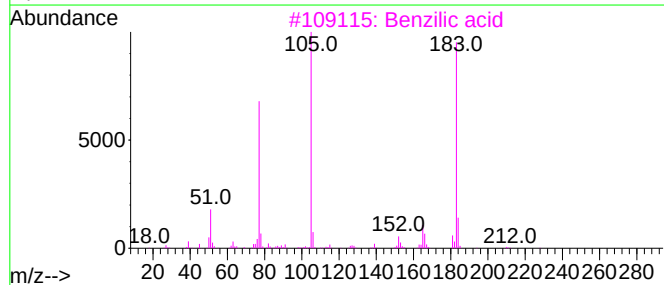
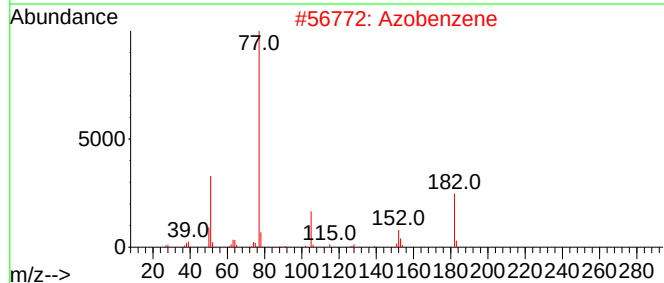
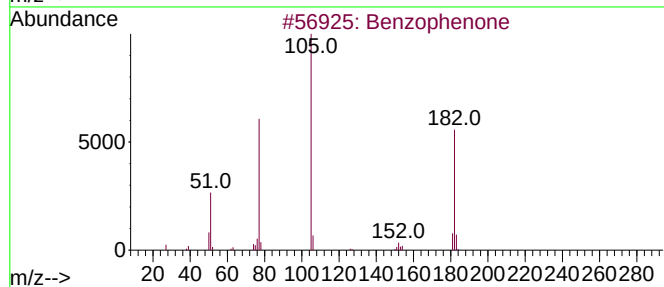
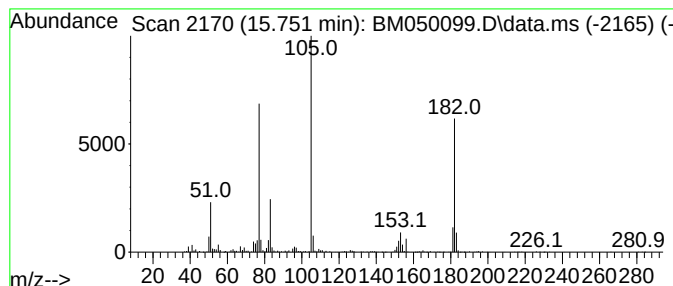
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.751	5.67 ng	925546	Acenaphthene-d10	14.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Azobenzene	182	C12H10N2	000103-33-3	53
3			Benzilic acid	228	C14H12O3	000076-93-7	43
4			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	38
5			2,5-Pyrrolidinedione, 1-(benzoyl...	219	C11H9N04	023405-15-4	38



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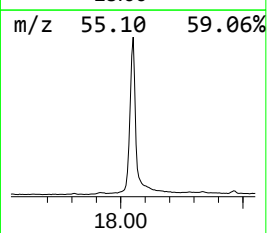
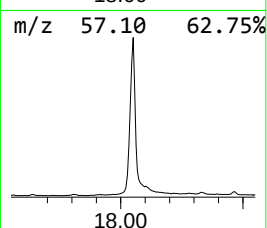
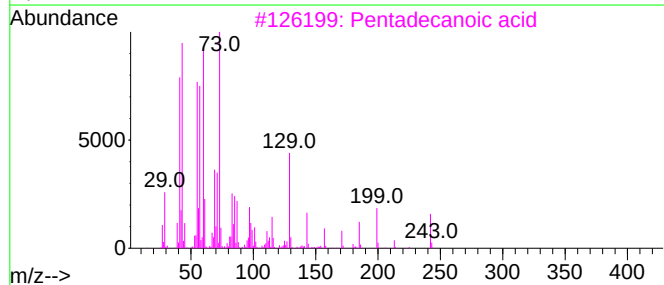
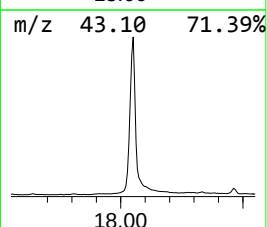
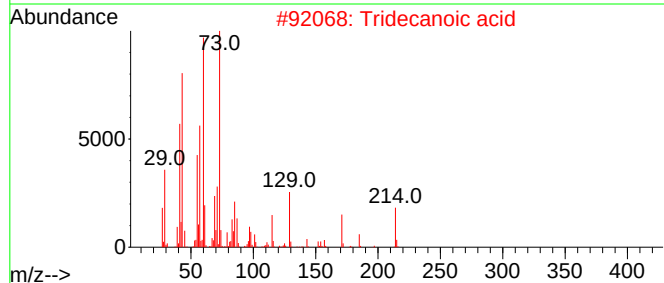
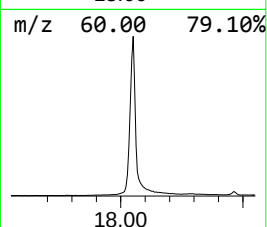
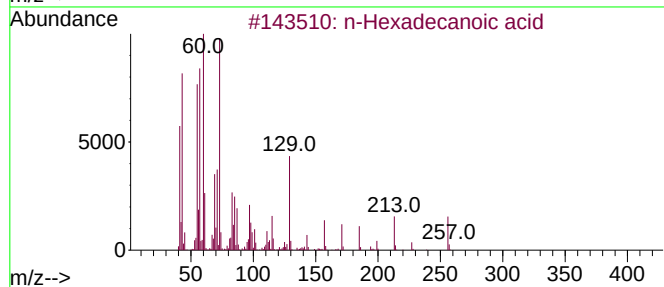
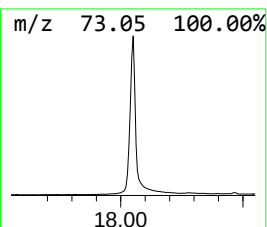
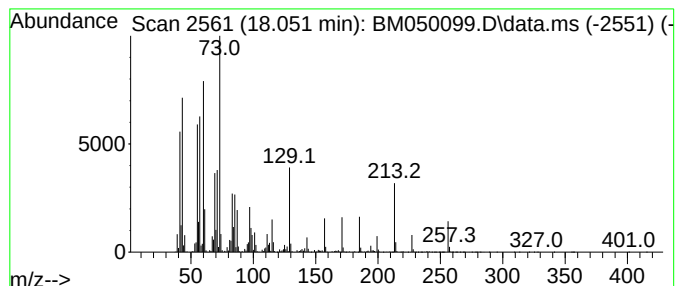
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	56.70 ng	10518300	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	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



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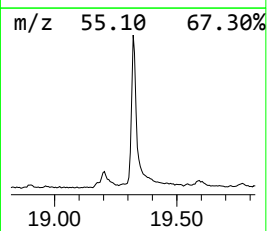
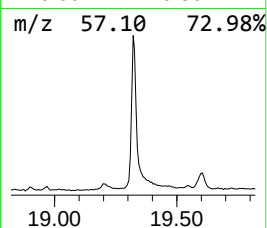
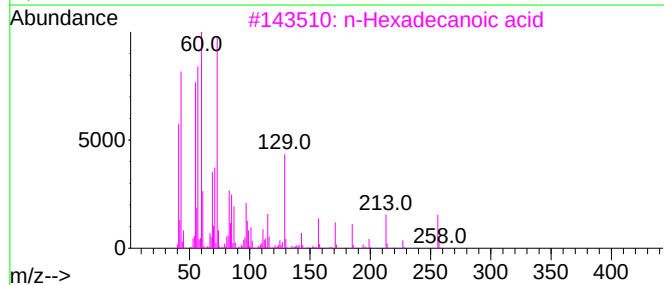
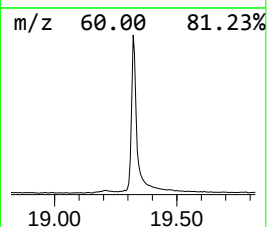
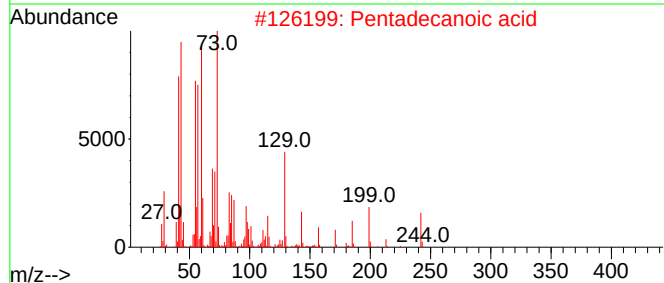
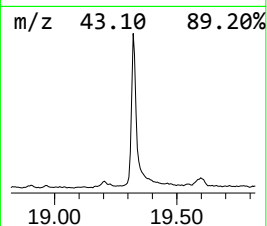
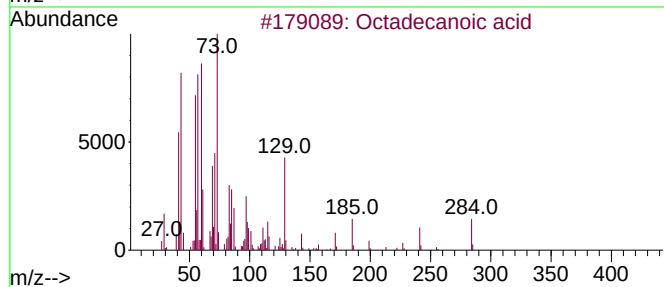
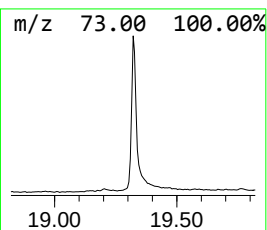
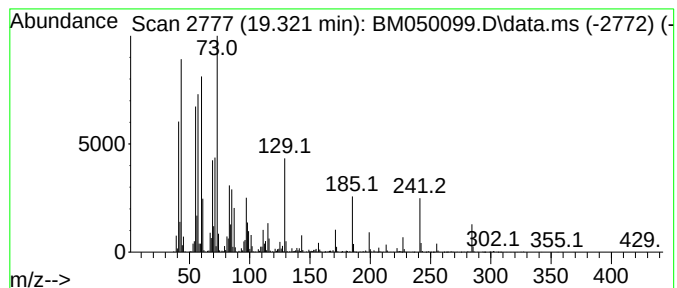
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Pentadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.321	17.45 ng	3851120	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	93
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			Tridecanoic acid	214	C13H26O2	000638-53-9	76



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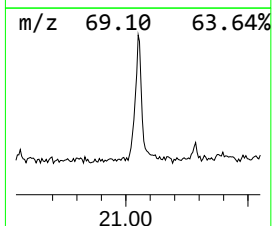
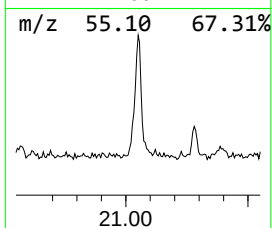
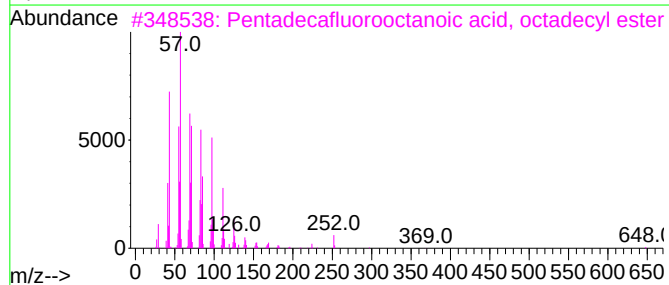
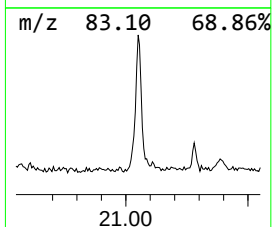
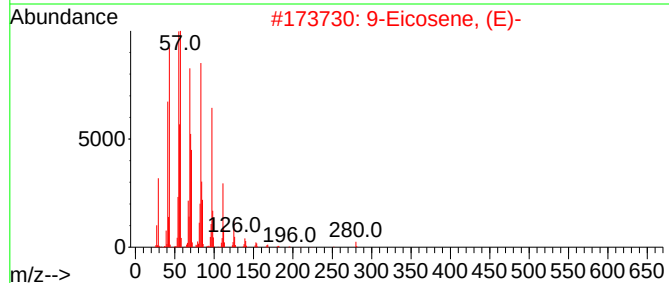
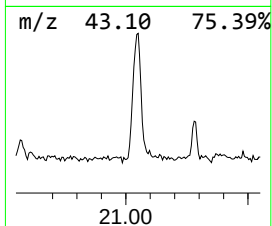
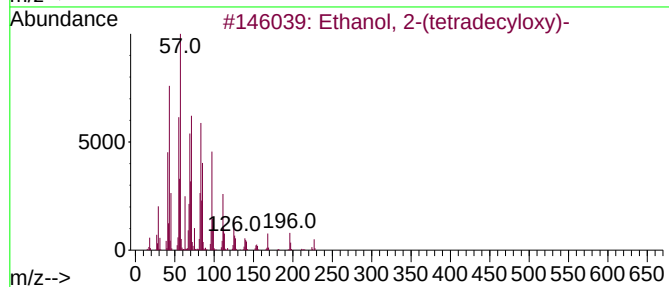
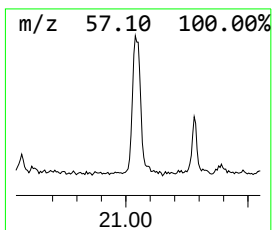
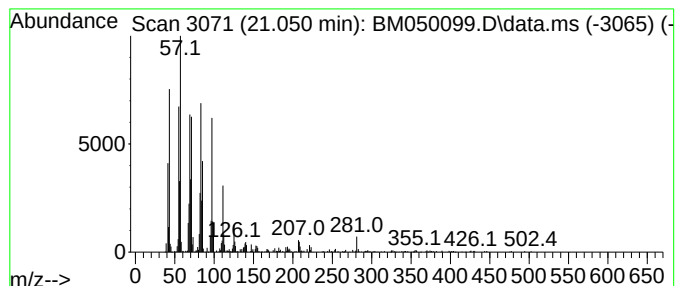
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Ethanol, 2-(tetradecyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.050	4.23 ng	934151	Chrysene-d12	21.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	94
2			9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	90
4			Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	90
5			Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050099.D
Acq On : 05 May 2025 15:03
Operator : RC/JU
Sample : Q1914-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-9

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.869	4.0	ng	371609	1	7.745	1880990	20.0
Octadecanoic acid	15.139	20.9	ng	3411220	3	14.392	3267040	20.0
Benzophenone	15.751	5.7	ng	925546	3	14.392	3267040	20.0
n-Hexadecanoic ...	18.051	56.7	ng	10518300	4	17.139	3710450	20.0
Pentadecanoic acid	19.321	17.4	ng	3851120	5	21.386	4413750	20.0
Ethanol, 2-(tet...	21.050	4.2	ng	934151	5	21.386	4413750	20.0