

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
 Data File : BG064623.D
 Acq On : 29 Oct 2025 14:50
 Operator : RC/JU
 Sample : Q3477-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-MAHWAH-SOIL

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_G\Methods\8270-BG102425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064623.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.199	14	19	27	rVV2	26116	53327	2.58%	0.432%
2	3.282	27	33	46	rVB	431027	665992	32.26%	5.390%
3	5.744	446	452	462	rBV	370307	607434	29.42%	4.916%
4	7.348	718	725	735	rVB	386368	674599	32.67%	5.460%
5	8.217	865	873	880	rBV	115144	193443	9.37%	1.566%
6	9.380	1061	1071	1078	rBV	236524	426655	20.67%	3.453%
7	11.043	1347	1354	1362	rVB	160894	289697	14.03%	2.345%
8	13.470	1760	1767	1776	rVB	587832	918114	44.47%	7.431%
9	14.492	1934	1941	1943	rBV8	9773	22733	1.10%	0.184%
10	14.839	1993	2000	2006	rBV	262487	408980	19.81%	3.310%
11	15.068	2010	2039	2042	rBV3	379188	2064602	100.00%	16.711%
12	16.178	2223	2228	2233	rVB	85353	126522	6.13%	1.024%
13	16.313	2244	2251	2261	rBV	624073	943454	45.70%	7.636%
14	17.577	2459	2466	2475	rBV	359360	556251	26.94%	4.502%
15	18.446	2608	2614	2627	rVB2	216365	409076	19.81%	3.311%
16	19.709	2823	2829	2836	rVB	171546	314157	15.22%	2.543%
17	20.103	2893	2896	2900	rVB2	18132	24785	1.20%	0.201%
18	20.168	2901	2907	2912	rVB	1323359	1783914	86.40%	14.439%
19	20.567	2972	2975	2983	rVB3	25179	43235	2.09%	0.350%
20	20.943	3036	3039	3043	rBV	20972	30121	1.46%	0.244%
21	21.296	3096	3099	3105	rBV2	22138	36281	1.76%	0.294%
22	21.484	3126	3131	3135	rBV5	72308	124784	6.04%	1.010%
23	21.695	3162	3167	3172	rBV3	84565	146516	7.10%	1.186%
24	21.848	3187	3193	3200	rBV	437512	729653	35.34%	5.906%
25	25.185	3754	3761	3771	rVB2	262992	760714	36.85%	6.157%

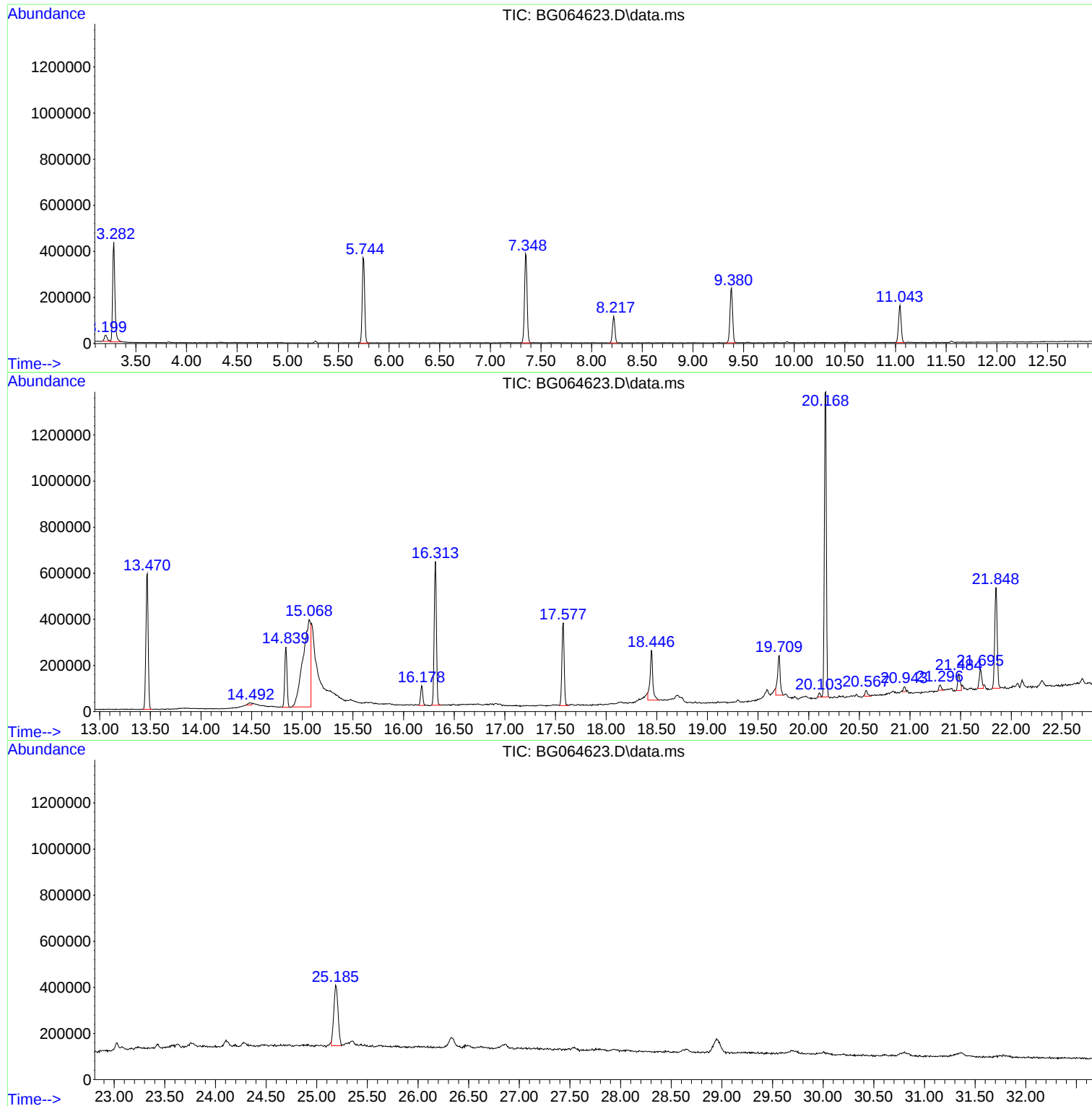
Sum of corrected areas: 12355039

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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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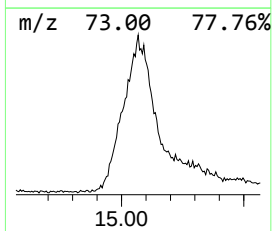
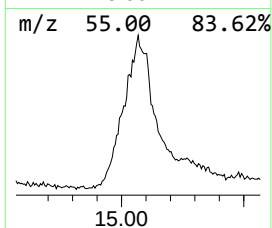
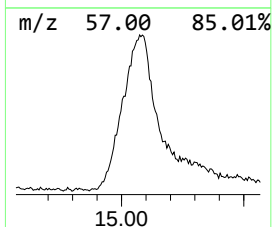
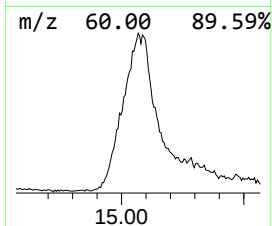
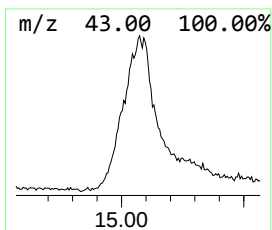
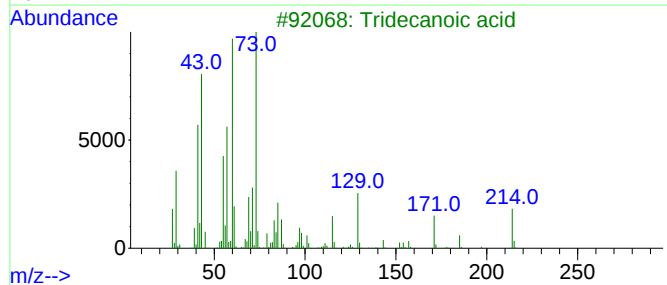
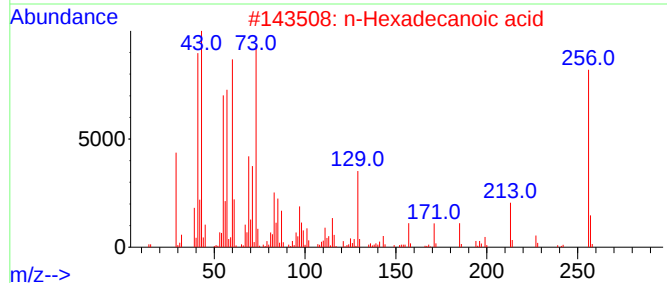
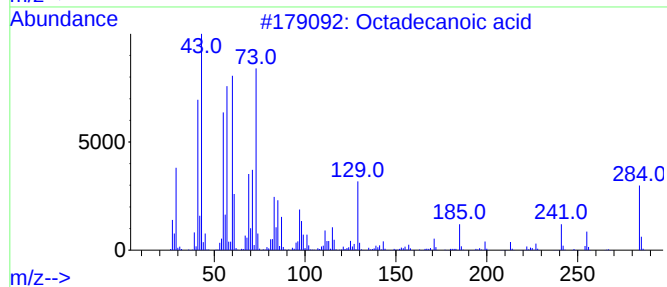
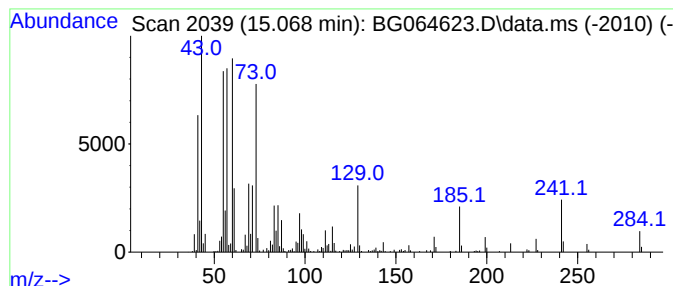
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.068	100.96 ng	2064600	Acenaphthene-d10	14.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
3			Tridecanoic acid	214	C13H26O2	000638-53-9	58
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	50
5			n-Decanoic acid	172	C10H20O2	000334-48-5	49



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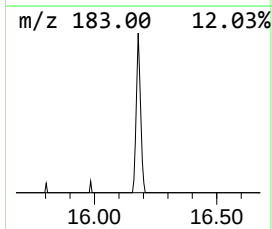
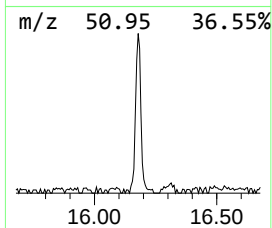
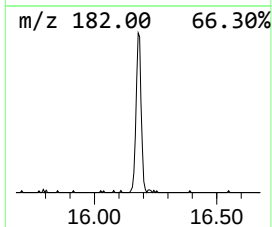
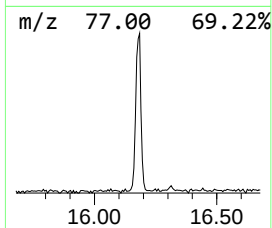
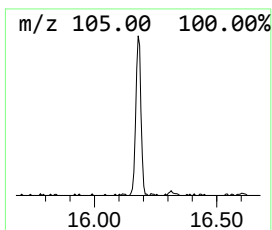
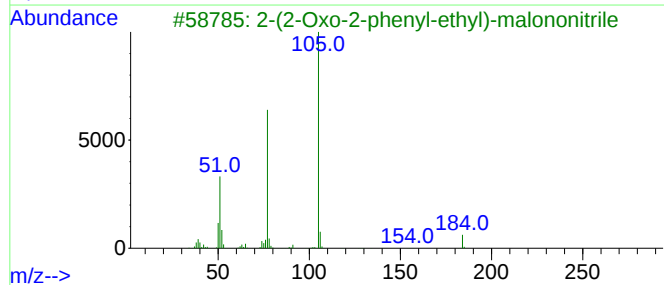
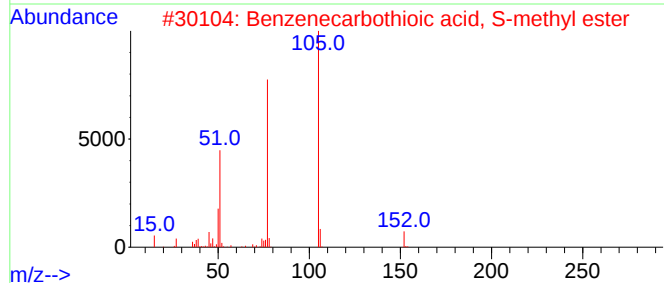
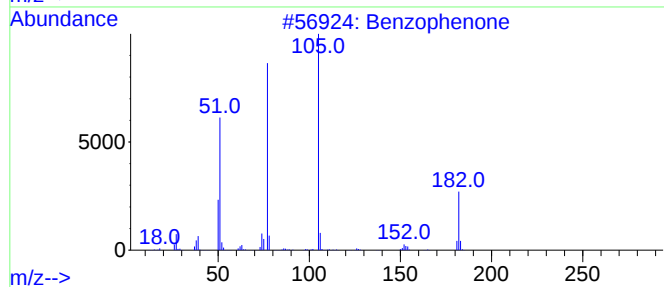
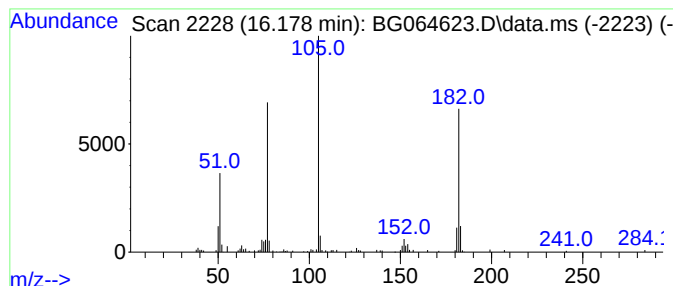
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.178	6.19 ng	126522	Acenaphthene-d10	14.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
3			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	49
4			Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	49
5			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49



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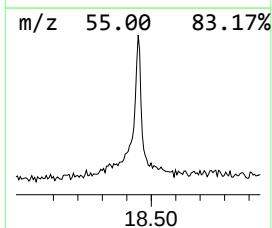
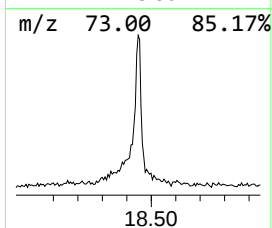
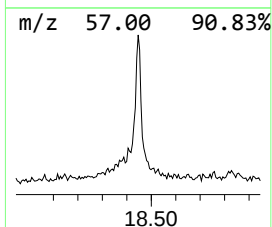
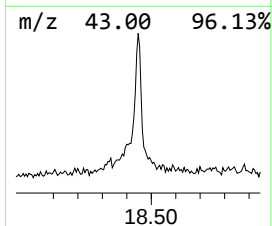
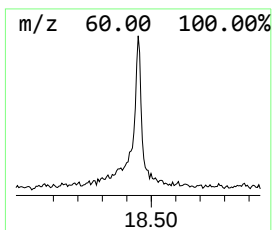
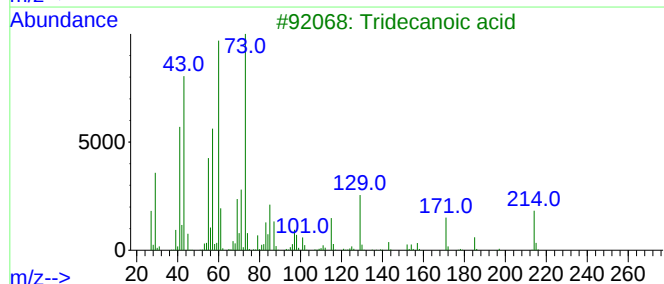
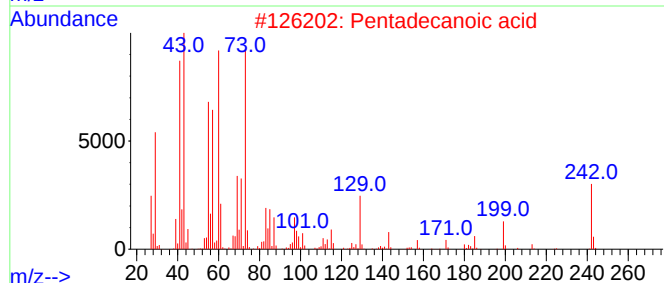
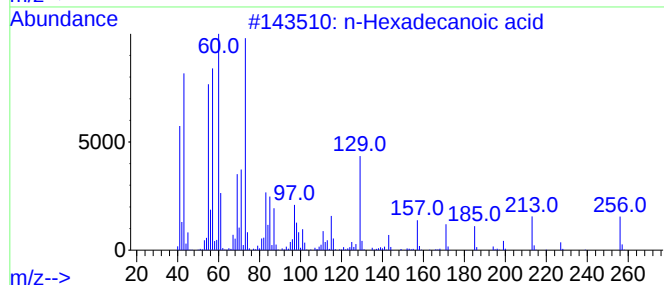
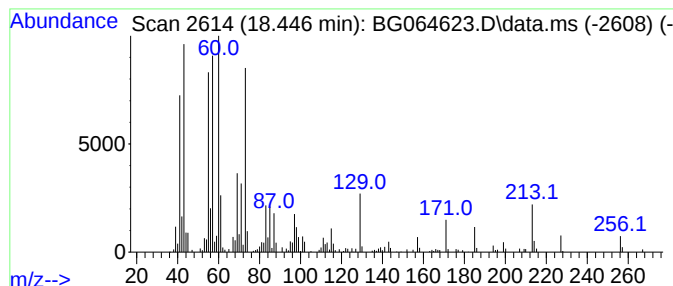
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.446	14.71 ng	409076	Phenanthrene-d10	17.577

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3			Tridecanoic acid	214	C13H26O2	000638-53-9	64
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5			Nonanoic acid	158	C9H18O2	000112-05-0	52



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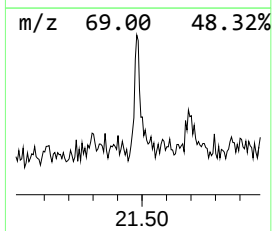
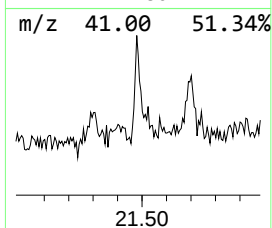
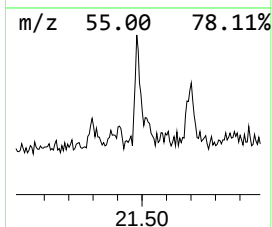
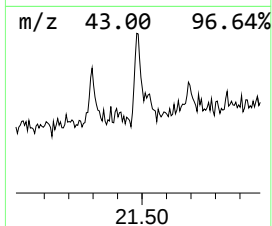
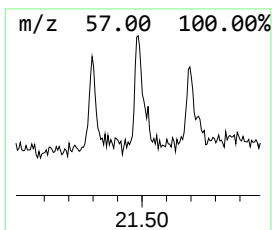
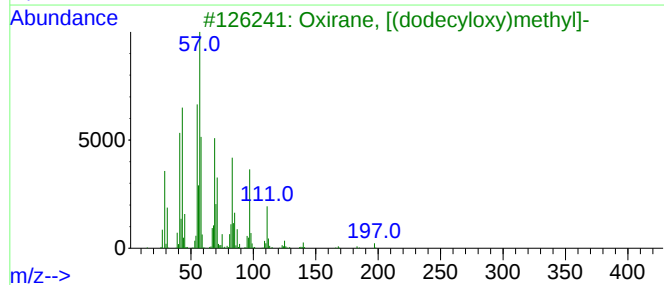
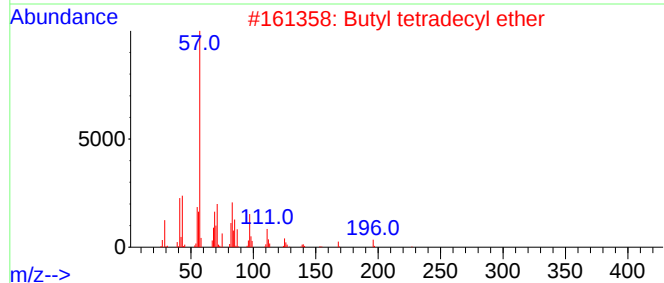
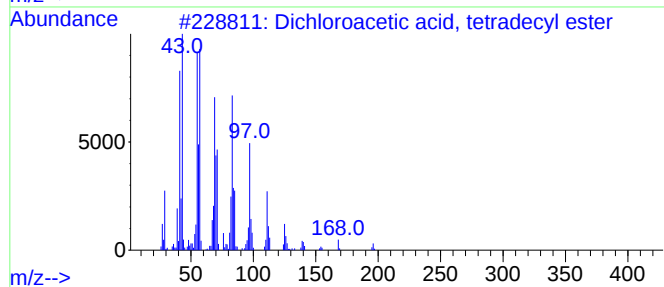
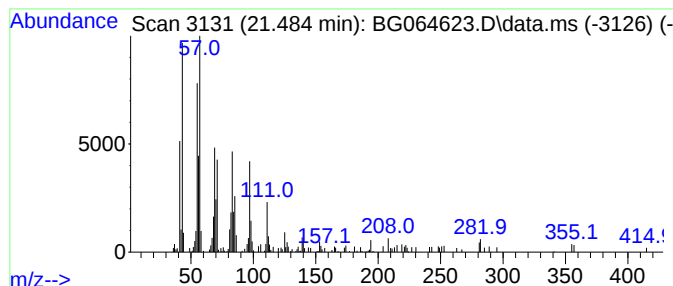
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Peak Number 7 Dichloroacetic acid, tetrad... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.484	3.42 ng	124784	Chrysene-d12	21.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	87
2			Butyl tetradecyl ether	270	C18H38O	1000406-40-4	87
3			Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	86
4			Pentadecafluorooctanoic acid, pe...	624	C23H31F15O2	1000406-04-5	81
5			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Octadecanoic acid	15.068	101.0	ng	2064600	3	14.839	408980	20.0
Benzophenone	16.178	6.2	ng	126522	3	14.839	408980	20.0
n-Hexadecanoic ...	18.446	14.7	ng	409076	4	17.577	556251	20.0
Dichloroacetic ...	21.484	3.4	ng	124784	5	21.848	729653	20.0