

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
 Data File : BG055695.D
 Acq On : 18 Nov 2022 18:12
 Operator : CG/JU
 Sample : N5698-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BANK-RUN-SOIL-SAMPLE-3

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-BG111622.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055695.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.299	336	342	352	rVB	68512	104783	4.82%	1.000%
2	5.781	417	424	435	rBV	444295	713589	32.85%	6.807%
3	7.391	691	698	708	rBV	457697	786091	36.18%	7.499%
4	8.249	836	844	851	rBV	107092	176444	8.12%	1.683%
5	9.418	1034	1043	1054	rBV	264884	467906	21.54%	4.464%
6	11.075	1318	1325	1334	rVB	147891	271448	12.49%	2.589%
7	13.495	1730	1737	1744	rVB	813255	1244131	57.27%	11.868%
8	14.870	1965	1971	1980	rVB	304100	463311	21.33%	4.420%
9	16.351	2217	2223	2238	rBV	889234	1424687	65.58%	13.591%
10	17.614	2431	2438	2444	rBV	451021	673554	31.00%	6.425%
11	19.723	2791	2797	2810	rVB4	54394	184803	8.51%	1.763%
12	20.199	2872	2878	2885	rBV	1673661	2172552	100.00%	20.725%
13	20.940	3000	3004	3008	rVB	191683	221161	10.18%	2.110%
14	21.515	3098	3102	3112	rBV4	35852	84783	3.90%	0.809%
15	21.909	3163	3169	3176	rVB	396618	673811	31.01%	6.428%
16	25.323	3742	3750	3765	rVB2	264961	819625	37.73%	7.819%

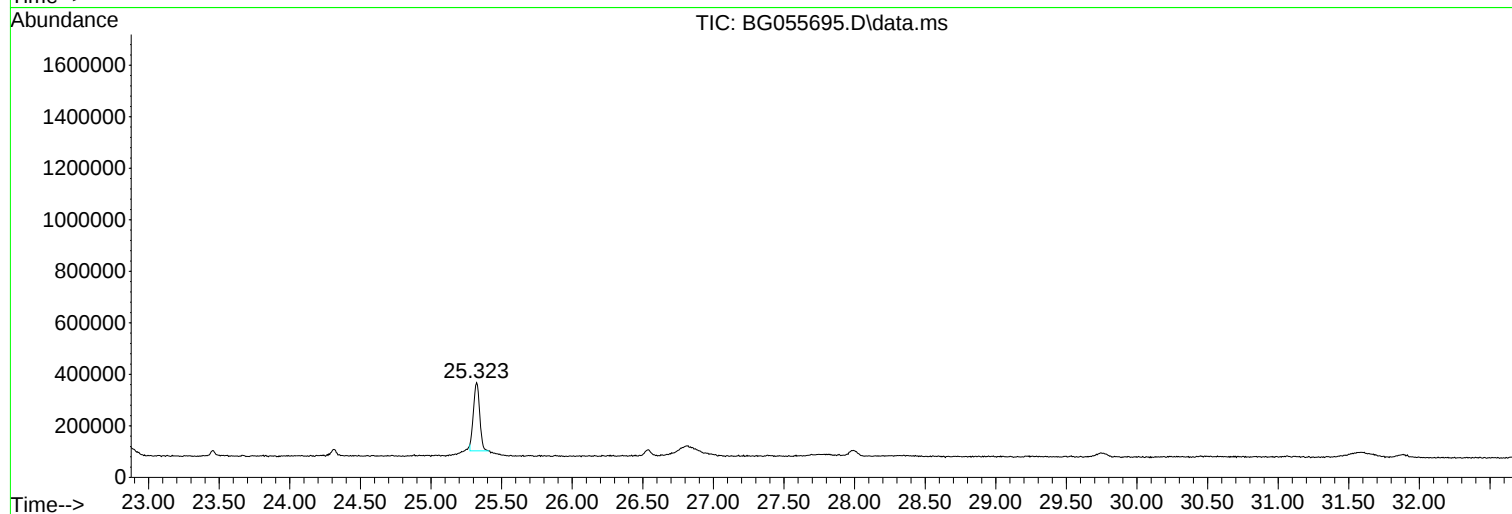
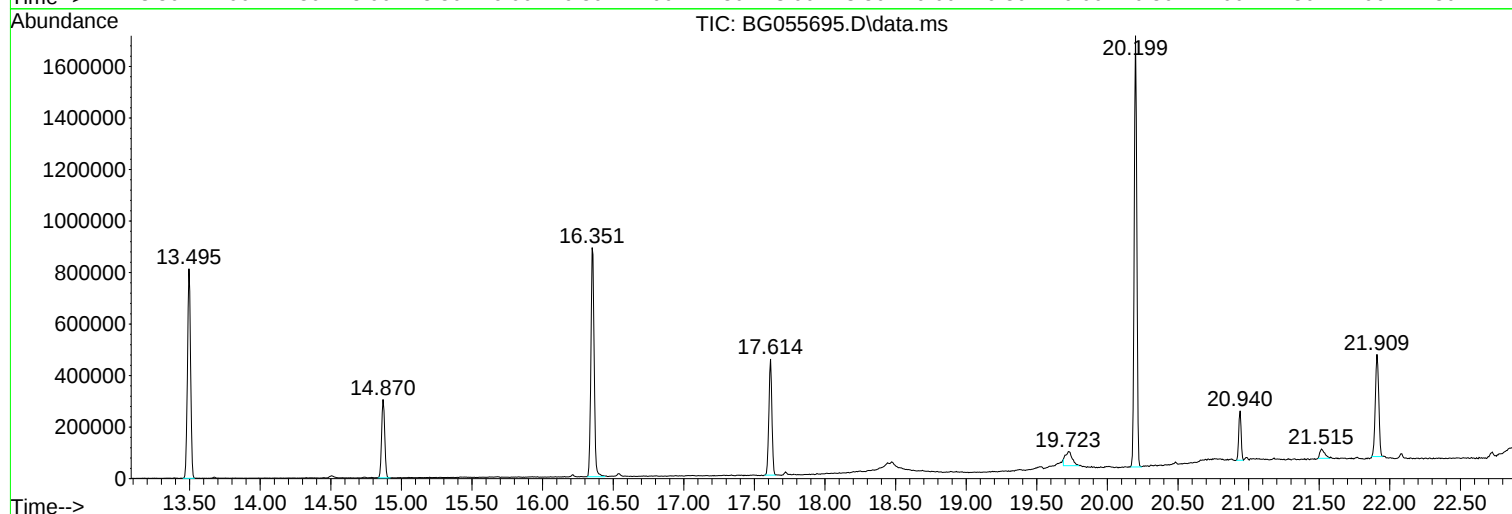
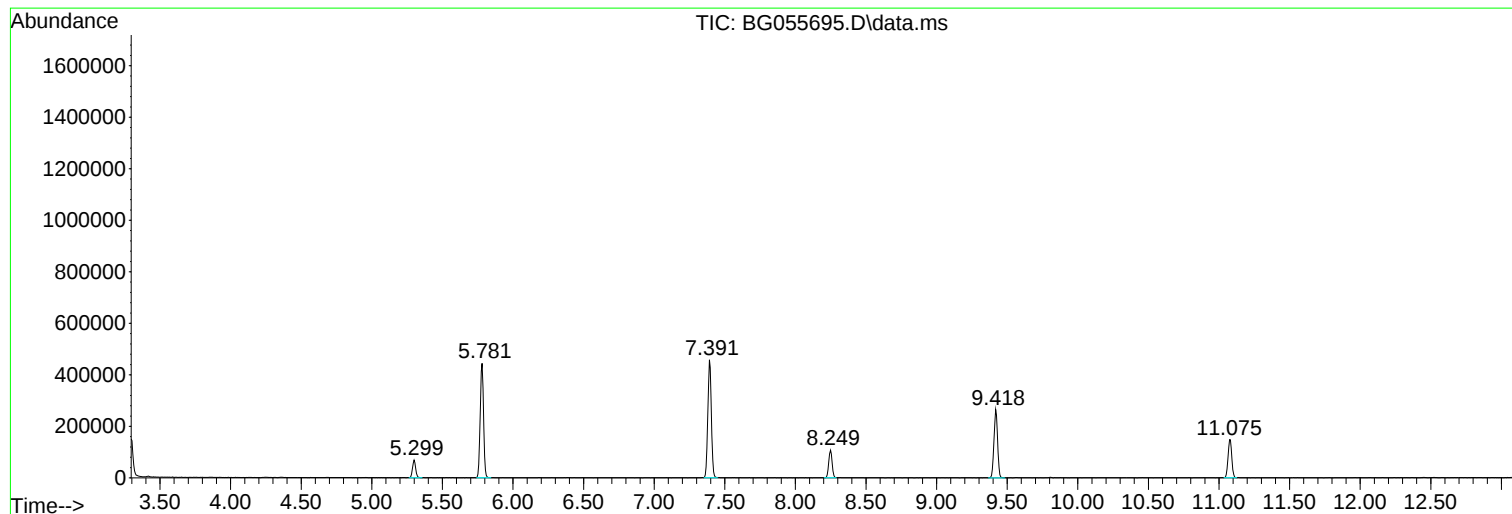
Sum of corrected areas: 10482679

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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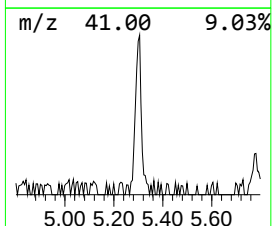
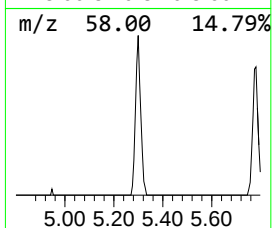
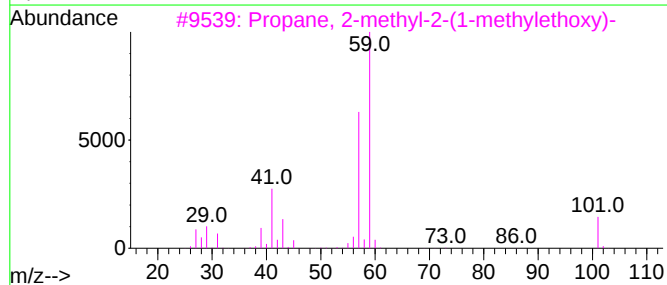
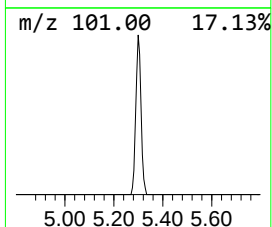
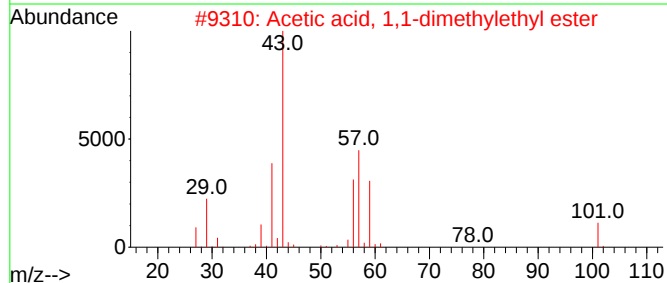
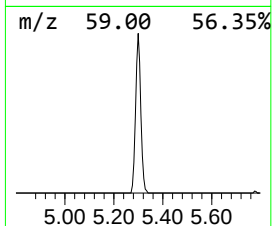
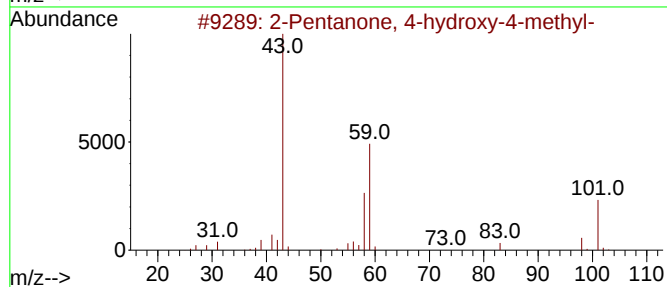
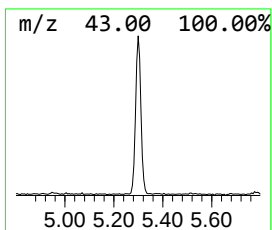
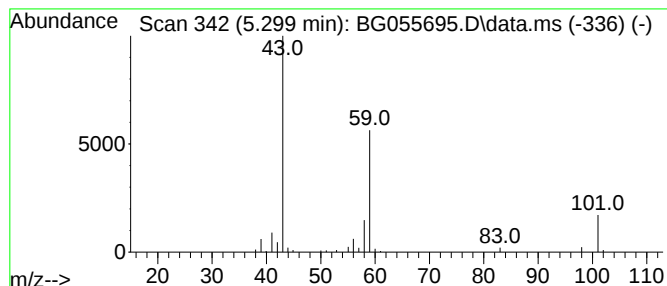
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.299	11.88 ng	104783	1,4-Dichlorobenzene-d4	8.249

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64	
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38	
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36	
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25	
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16	



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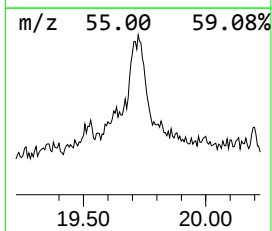
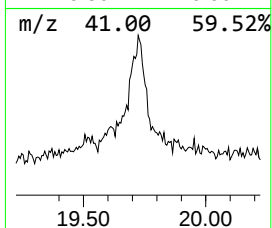
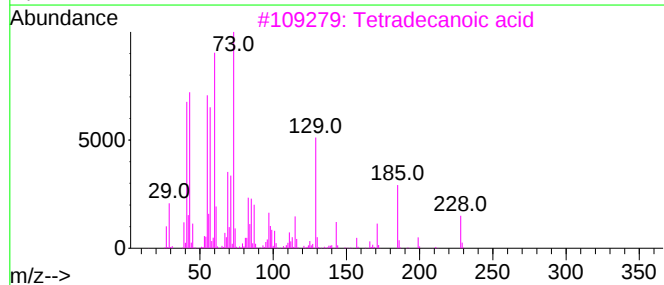
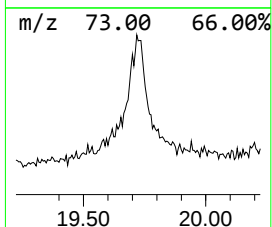
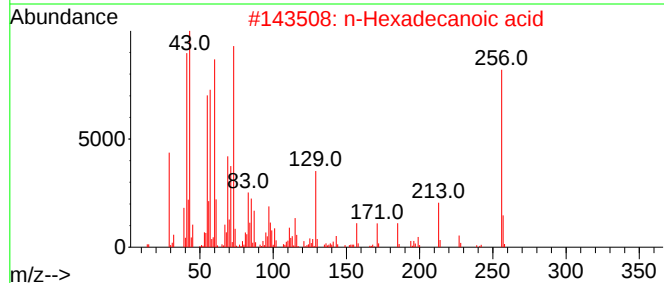
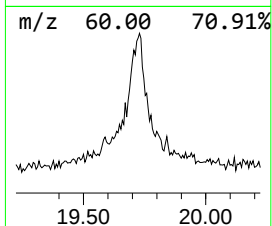
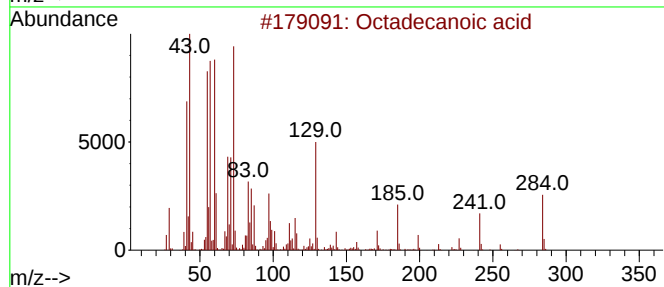
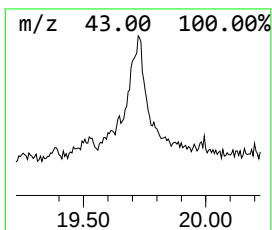
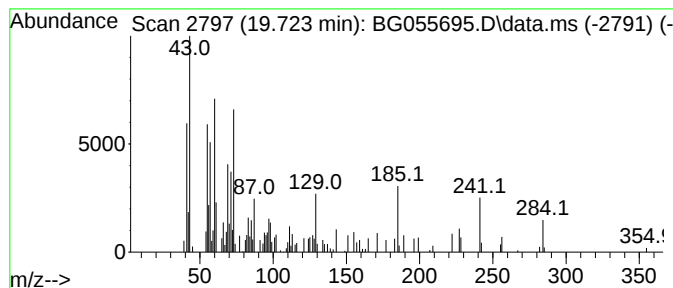
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.723	5.49 ng	184803	Phenanthrene-d10	17.614

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	95
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	50
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	46
5			11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	35



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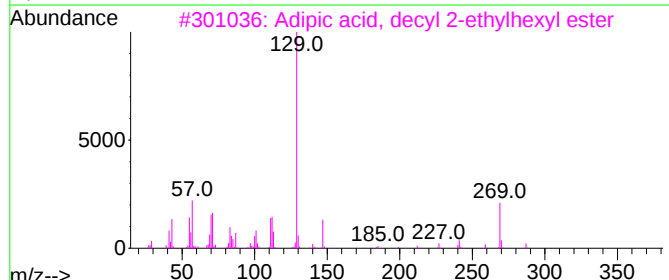
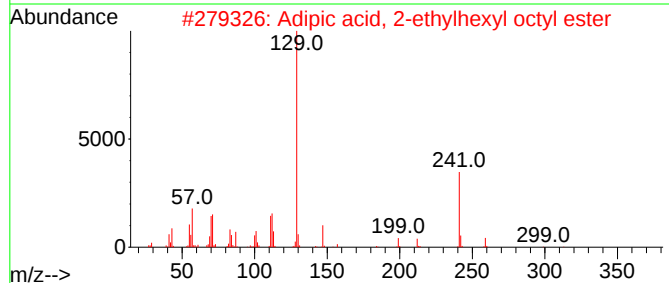
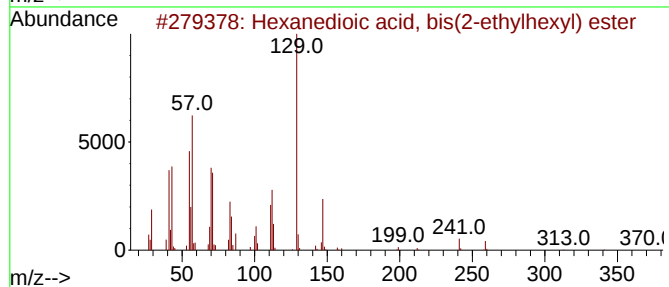
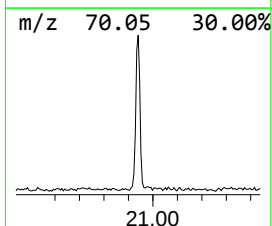
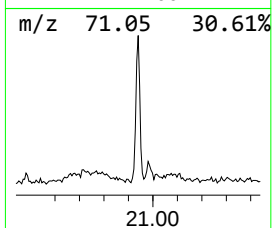
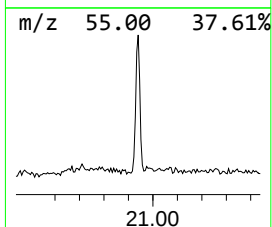
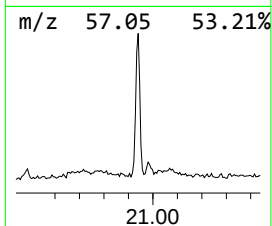
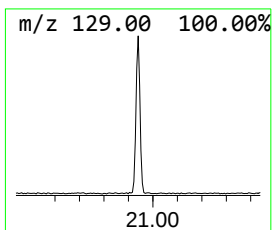
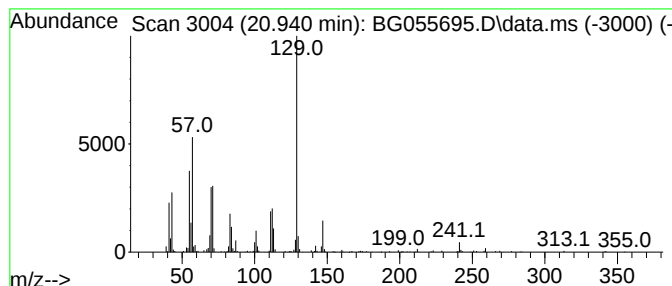
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Peak Number 3 Hexanedioic acid, bis(2-eth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.940	6.56 ng	221161	Chrysene-d12	21.909

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	94
2			Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	83
3			Adipic acid, decyl 2-ethylhexyl ...	398	C24H46O4	1000324-48-8	78
4			Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	70
5			Diisooctyl adipate	370	C22H42O4	001330-86-5	58



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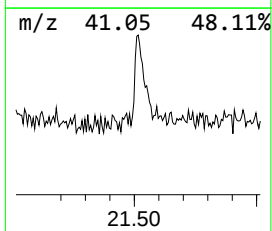
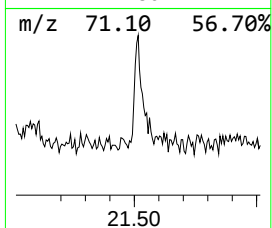
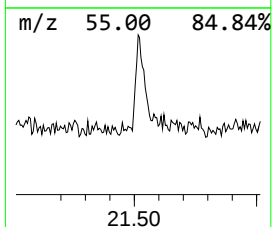
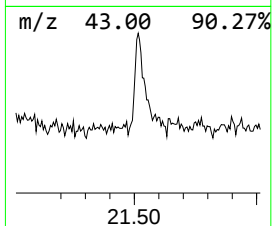
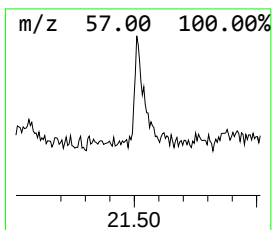
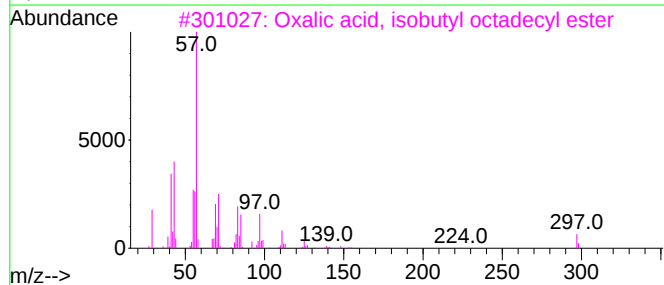
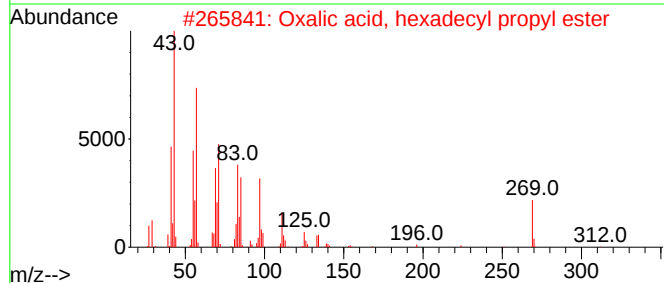
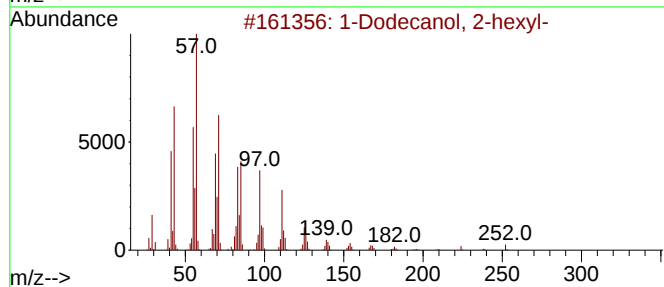
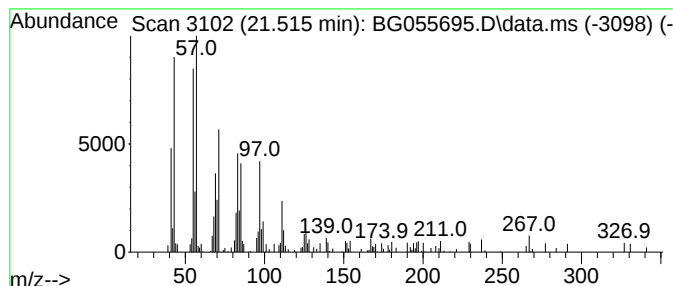
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Peak Number 4 1-Dodecanol, 2-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.515	2.52 ng	84783	Chrysene-d12	21.909

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-hexyl-			270	C18H38O	110225-00-8	90
2	Oxalic acid, hexadecyl propyl ester			356	C21H40O4	1000309-26-9	90
3	Oxalic acid, isobutyl octadecyl ...			398	C24H46O4	1000309-38-3	87
4	1-Dodecanol, 2-octyl-			298	C20H42O	005333-42-6	87
5	1-Decanol, 2-hexyl-			242	C16H34O	002425-77-6	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.299	11.9	ng	104783	1	8.249	176444	20.0
Octadecanoic acid	19.723	5.5	ng	184803	4	17.614	673554	20.0
Hexanedioic aci...	20.940	6.6	ng	221161	5	21.909	673811	20.0
1-Dodecanol, 2-...	21.515	2.5	ng	84783	5	21.909	673811	20.0