

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
 Data File : BG049203.D
 Acq On : 7 Jul 2021 17:25
 Operator : CG/JU
 Sample : M2947-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-BANK-4

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-BG063021.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049203.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.122	8	14	25	rBV3	32014	107394	3.18%	0.650%
2	3.216	25	30	38	rVB5	16376	38473	1.14%	0.233%
3	5.173	356	363	370	rBV	34509	64156	1.90%	0.389%
4	5.649	435	444	456	rBV	1049602	1794054	53.18%	10.866%
5	7.247	708	716	729	rBV	1053172	1914104	56.74%	11.593%
6	8.093	852	860	867	rBV	160517	277743	8.23%	1.682%
7	9.256	1050	1058	1069	rBV	673186	1258854	37.32%	7.624%
8	10.666	1292	1298	1309	rBV3	24035	49262	1.46%	0.298%
9	10.907	1330	1339	1350	rBV	201119	377704	11.20%	2.288%
10	13.357	1748	1756	1764	rBV	1699521	2710858	80.36%	16.419%
11	14.732	1983	1990	1998	rVB	317861	493232	14.62%	2.987%
12	16.219	2236	2243	2256	rBV	1407246	2245649	66.57%	13.601%
13	17.482	2451	2458	2465	rBV	349922	553732	16.42%	3.354%
14	18.357	2602	2607	2613	rBV3	54254	85691	2.54%	0.519%
15	20.090	2895	2902	2907	rBV	2511470	3373309	100.00%	20.431%
16	21.401	3121	3125	3129	rBV4	44222	83913	2.49%	0.508%
17	21.765	3181	3187	3194	rBV2	310002	522378	15.49%	3.164%
18	25.079	3743	3751	3761	rVB2	188735	560370	16.61%	3.394%

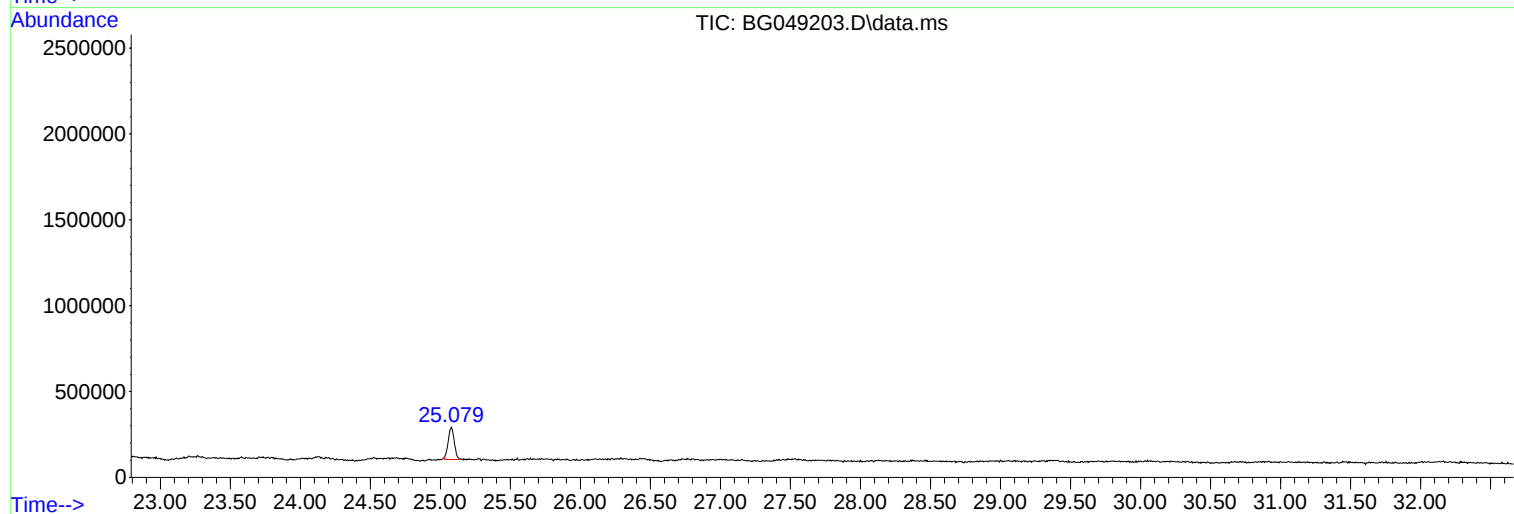
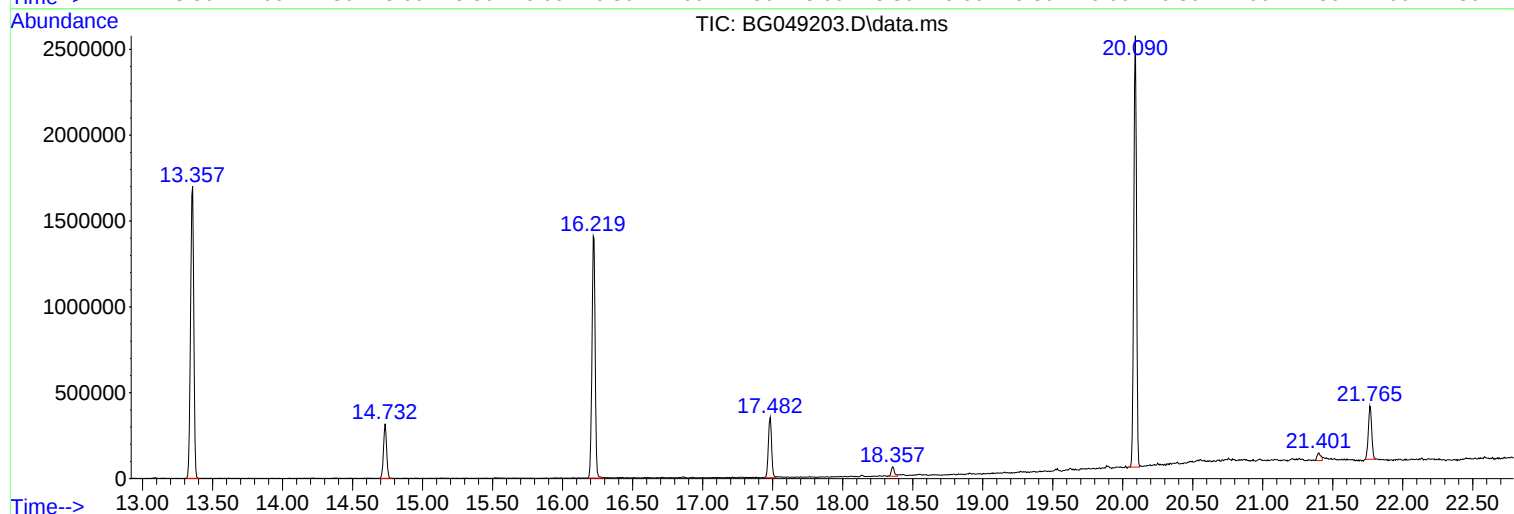
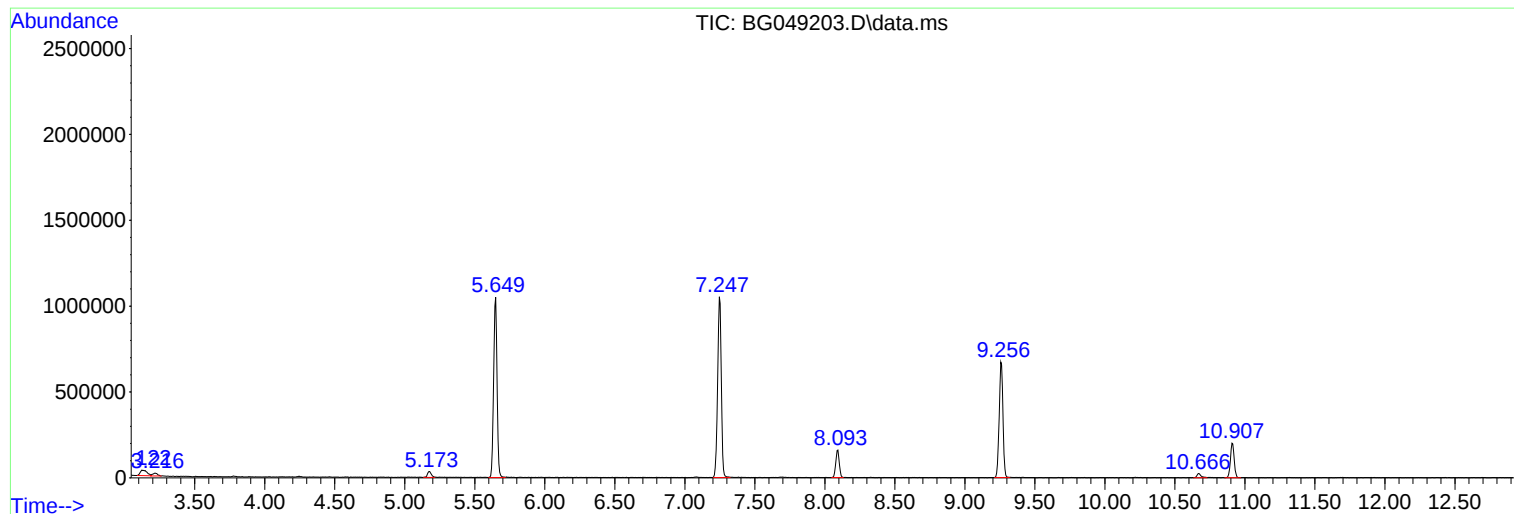
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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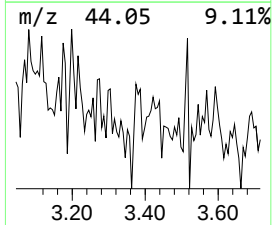
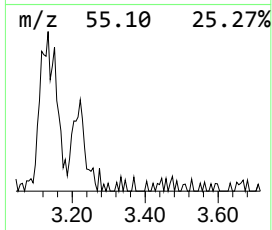
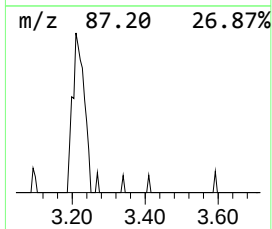
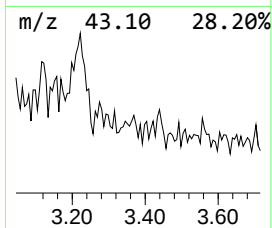
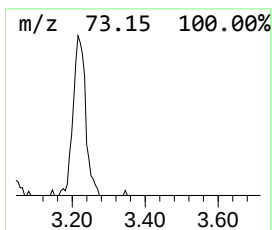
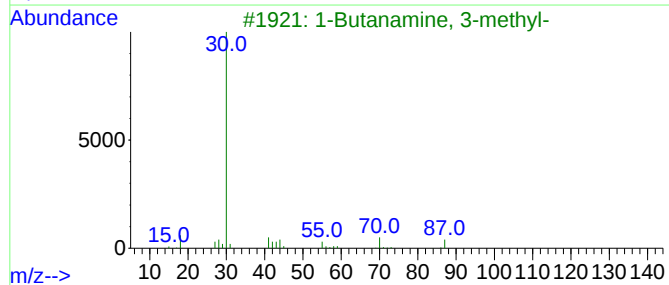
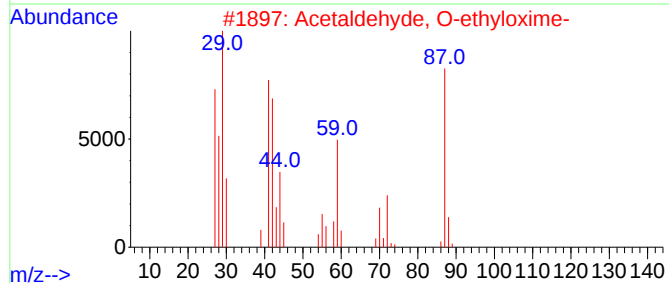
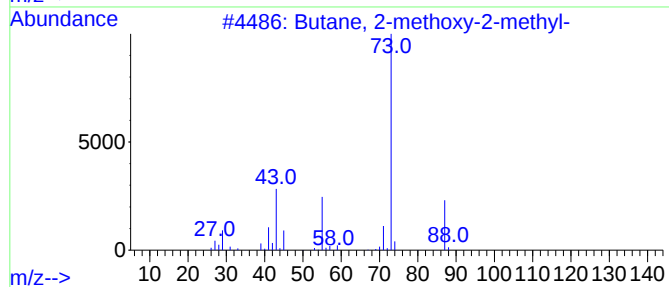
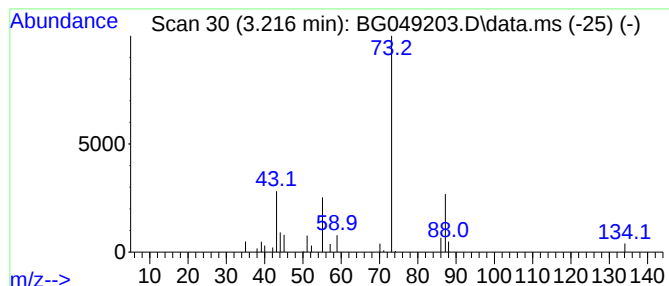
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown3.216 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.216	2.77 ng	38473	1,4-Dichlorobenzene-d4	8.093

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
2			Acetaldehyde, O-ethyloxime-	87	C4H9NO	1000288-34-6	7
3			1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5
4			Isobutylamine	73	C4H11N	000078-81-9	4
5			1-Pentanamine	87	C5H13N	000110-58-7	4



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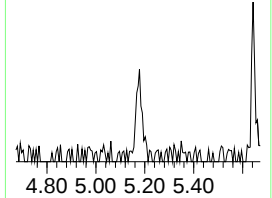
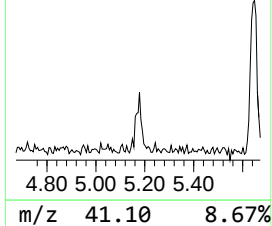
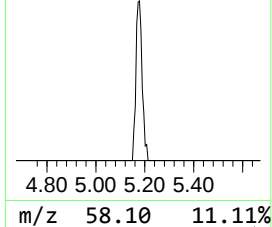
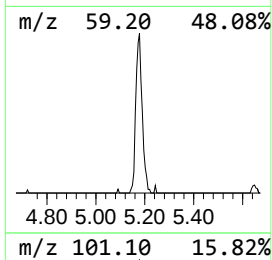
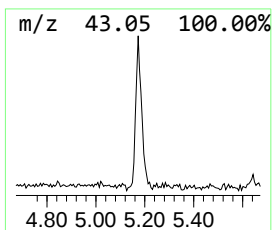
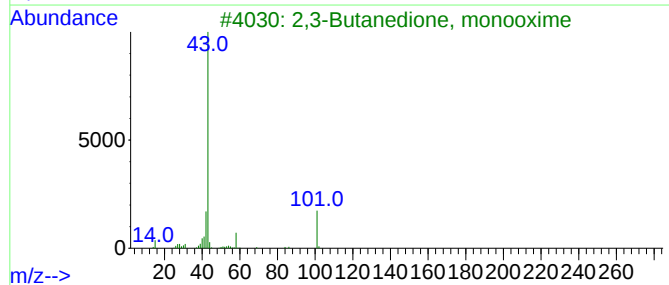
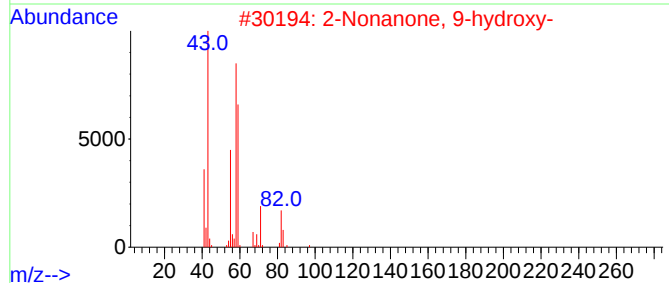
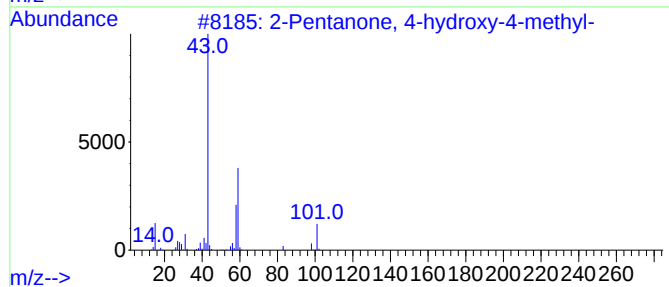
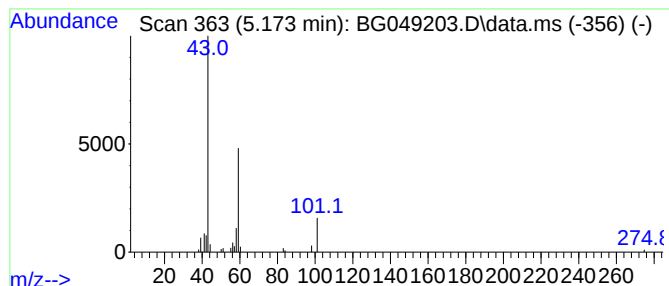
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.173	4.62 ng	64156	1,4-Dichlorobenzene-d4	8.093

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	36
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4			5-Hexen-2-one	98	C6H10O	000109-49-9	10
5			Butane	58	C4H10	000106-97-8	9



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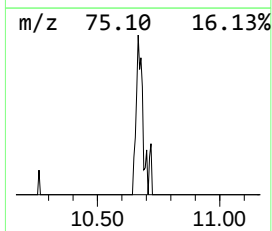
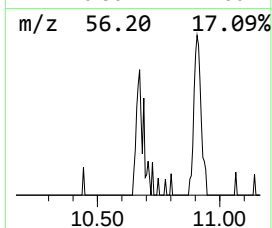
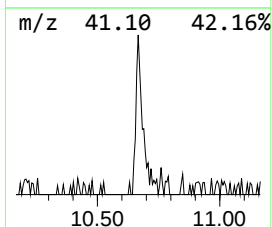
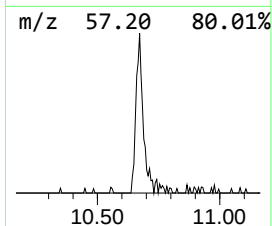
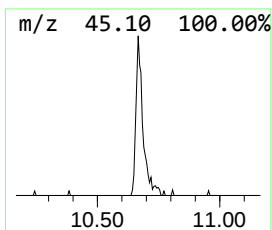
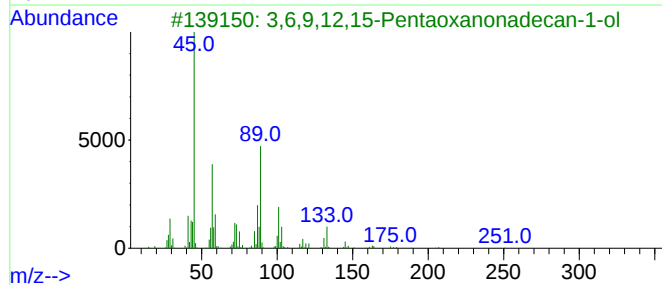
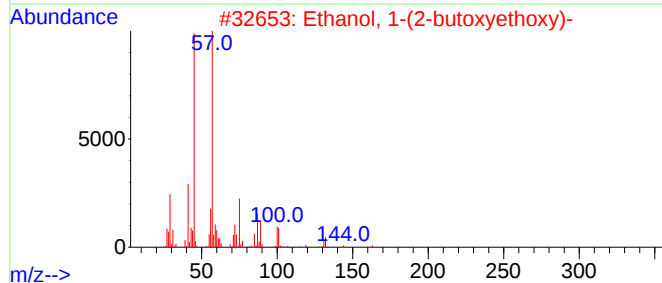
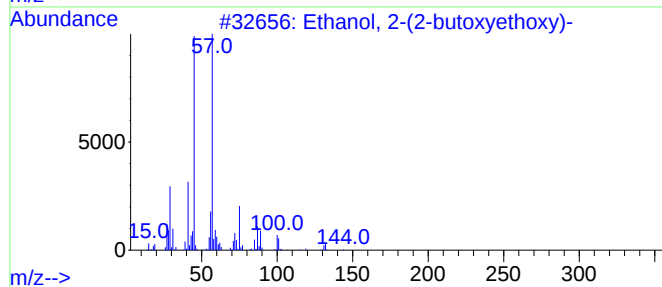
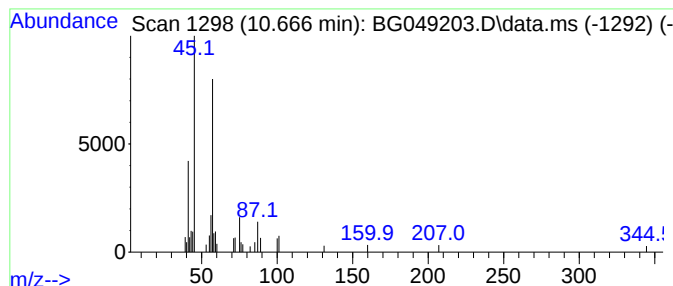
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Peak Number 4 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.666	2.61 ng	49262	Naphthalene-d8	10.907

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50
3			3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	45
4			Hexaethylene glycol	282	C12H26O7	002615-15-8	42
5			Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	42



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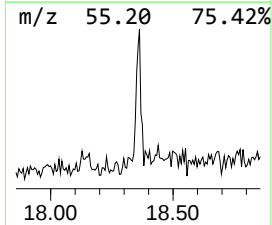
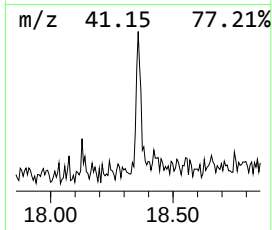
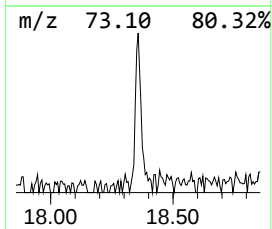
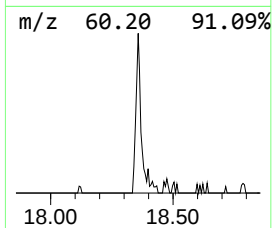
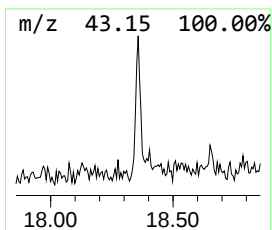
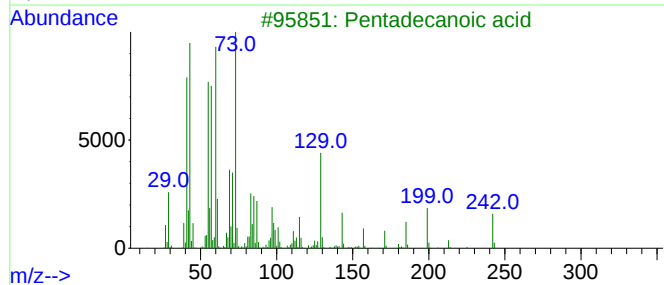
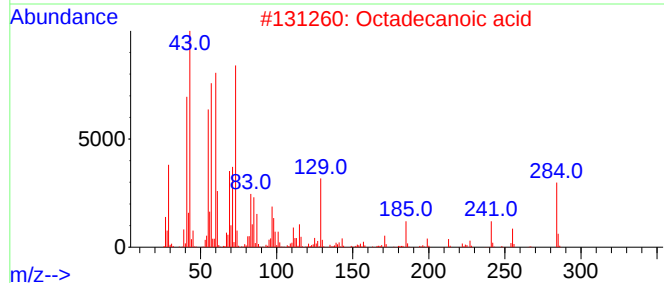
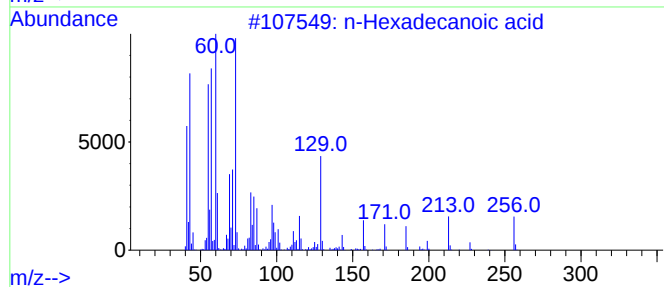
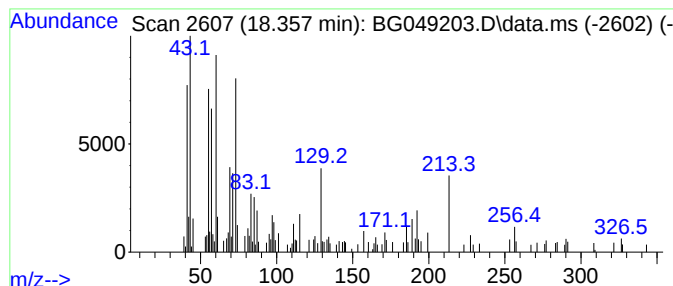
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	3.10 ng	85691	Phenanthrene-d10	17.482

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2			Octadecanoic acid	284	C18H36O2	000057-11-4	89
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			Undecanoic acid	186	C11H22O2	000112-37-8	60



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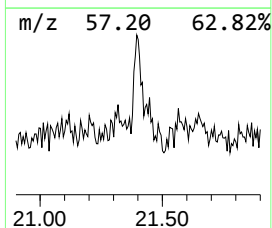
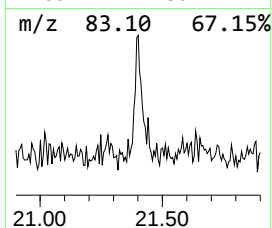
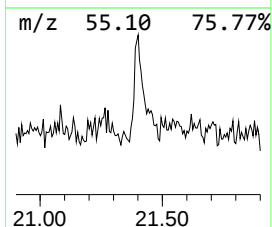
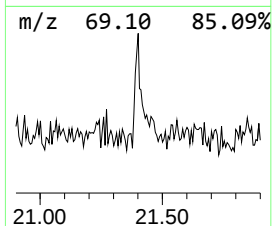
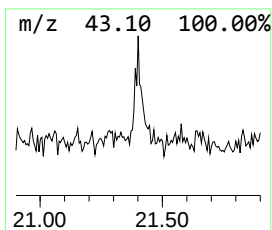
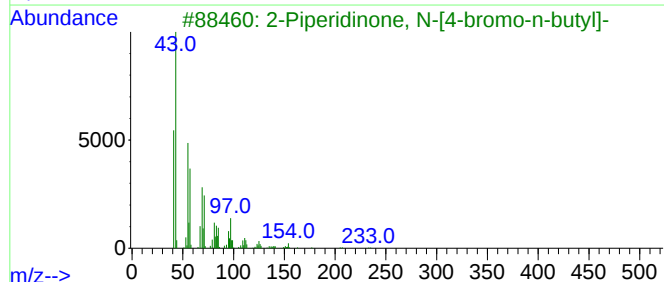
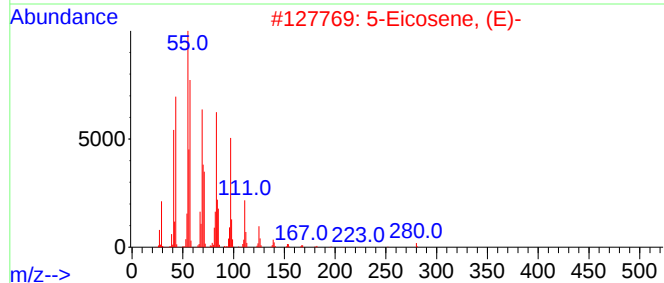
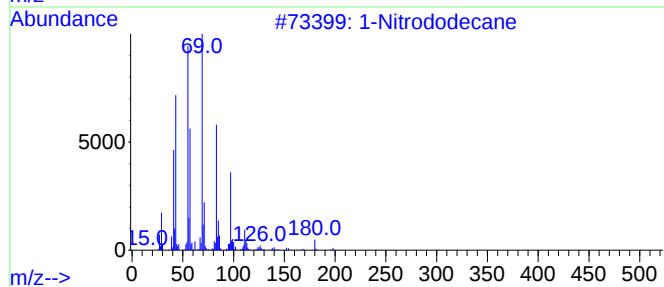
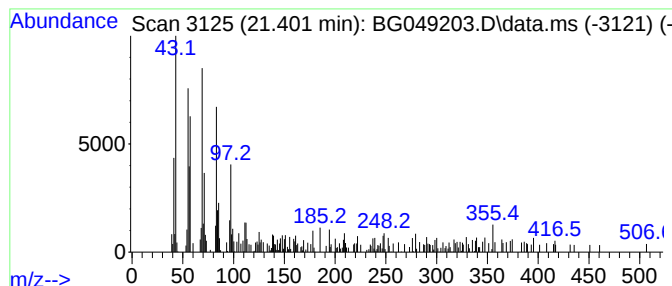
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Peak Number 6 1-Nitrododecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.401	3.21 ng	83913	Chrysene-d12	21.765

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nitrododecane	215	C12H25NO2	016891-99-9	53
2			5-Eicosene, (E)-	280	C20H40	074685-30-6	25
3			2-Piperidinone, N-[4-bromo-n-but...	233	C9H16BrNO	195194-80-0	25
4			1-Hexacosene	364	C26H52	018835-33-1	25
5			2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	18



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown3.216	3.216	2.8	ng	38473	1	8.093	277743	20.0
2-Pentanone, 4-...	5.173	4.6	ng	64156	1	8.093	277743	20.0
Ethanol, 2-(2-b...	10.666	2.6	ng	49262	2	10.907	377704	20.0
n-Hexadecanoic ...	18.357	3.1	ng	85691	4	17.482	553732	20.0
1-Nitrododecane	21.401	3.2	ng	83913	5	21.765	522378	20.0