

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090922\
 Data File : BG054903.D
 Acq On : 9 Sep 2022 19:08
 Operator : CG/JU
 Sample : N4545-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-SOIL-0908

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-BG082522.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054903.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.203	319	326	334	rBV	35103	56338	2.33%	0.449%
2	5.685	401	408	418	rBV	541416	891392	36.81%	7.103%
3	7.301	673	683	698	rBV	569093	999030	41.25%	7.960%
4	8.141	820	826	833	rVB	109804	180801	7.47%	1.441%
5	9.316	1018	1026	1038	rBV	330450	615156	25.40%	4.902%
6	10.714	1256	1264	1279	rBV	151186	276579	11.42%	2.204%
7	10.967	1299	1307	1315	rBV	158526	291787	12.05%	2.325%
8	13.399	1713	1721	1732	rBV	1072437	1689086	69.75%	13.459%
9	13.652	1756	1764	1770	rBV	56816	93283	3.85%	0.743%
10	14.780	1948	1956	1963	rVB	291315	466317	19.26%	3.716%
11	16.267	2203	2209	2227	rBV	801899	1281578	52.92%	10.212%
12	16.478	2238	2245	2252	rVB6	13098	35594	1.47%	0.284%
13	17.524	2417	2423	2428	rBV	362470	575987	23.78%	4.589%
14	17.565	2428	2430	2437	rVB	83663	110381	4.56%	0.880%
15	18.164	2527	2532	2537	rVB	38125	52968	2.19%	0.422%
16	18.405	2567	2573	2576	rBV	13638	26210	1.08%	0.209%
17	18.446	2577	2580	2586	rVB2	15150	26598	1.10%	0.212%
18	18.599	2600	2606	2609	rBV3	20190	36471	1.51%	0.291%
19	19.328	2722	2730	2733	rBV2	82109	122484	5.06%	0.976%
20	19.457	2748	2752	2757	rBV2	28907	34716	1.43%	0.277%
21	19.575	2766	2772	2777	rBV	137479	199659	8.24%	1.591%
22	19.933	2824	2833	2839	rVB	118947	204203	8.43%	1.627%
23	20.121	2859	2865	2871	rBV	1761912	2421650	100.00%	19.296%
24	20.803	2978	2981	2986	rVB	36925	47269	1.95%	0.377%
25	21.419	3082	3086	3093	rVB2	77113	118900	4.91%	0.947%
26	21.672	3125	3129	3136	rVB	107905	161340	6.66%	1.286%
27	21.819	3146	3154	3159	rBV2	356965	698026	28.82%	5.562%
28	21.866	3159	3162	3169	rVB	53805	88390	3.65%	0.704%
29	24.116	3539	3545	3549	rBV2	26594	67068	2.77%	0.534%
30	25.192	3718	3728	3739	rBV3	226052	680864	28.12%	5.425%

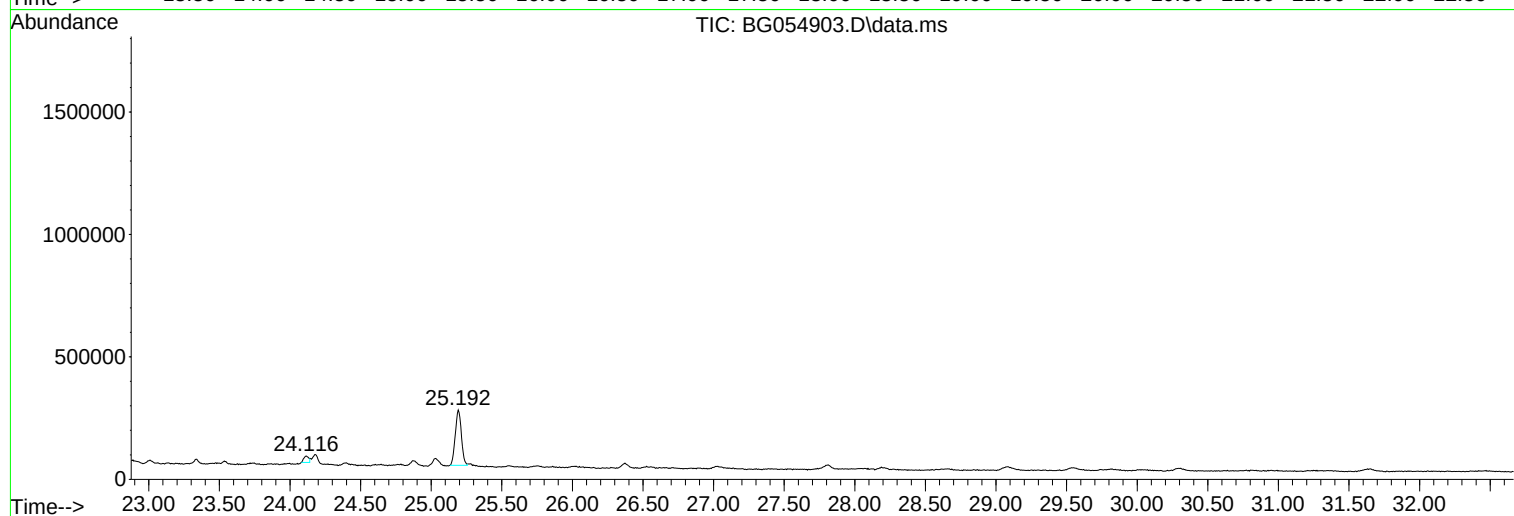
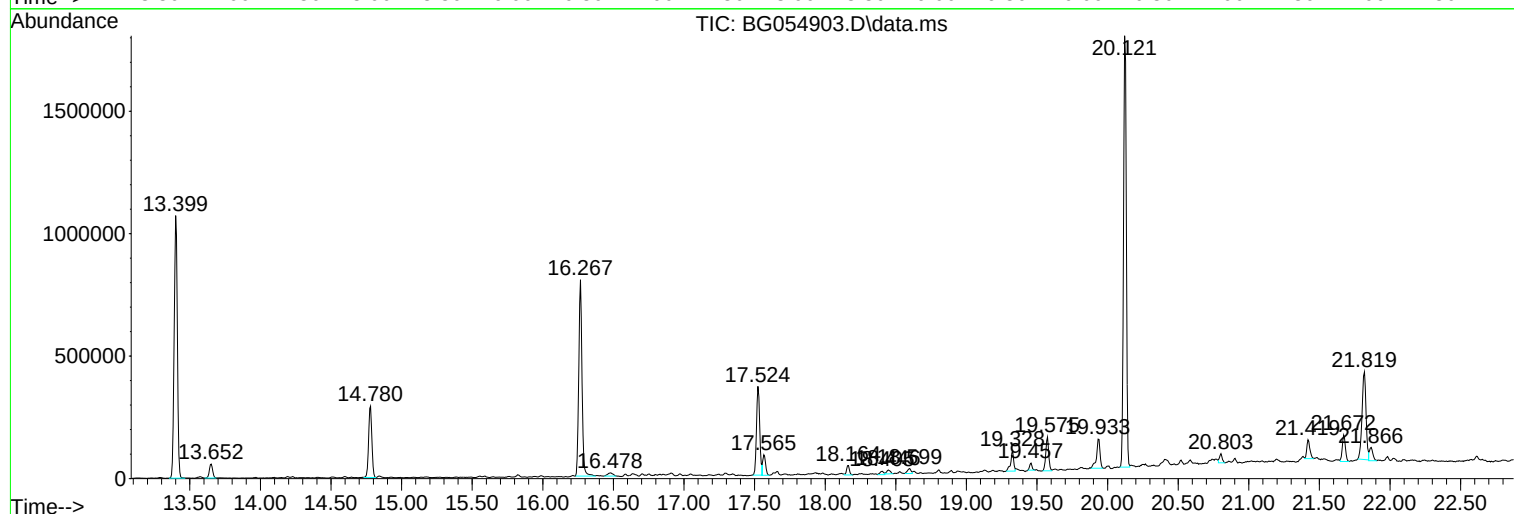
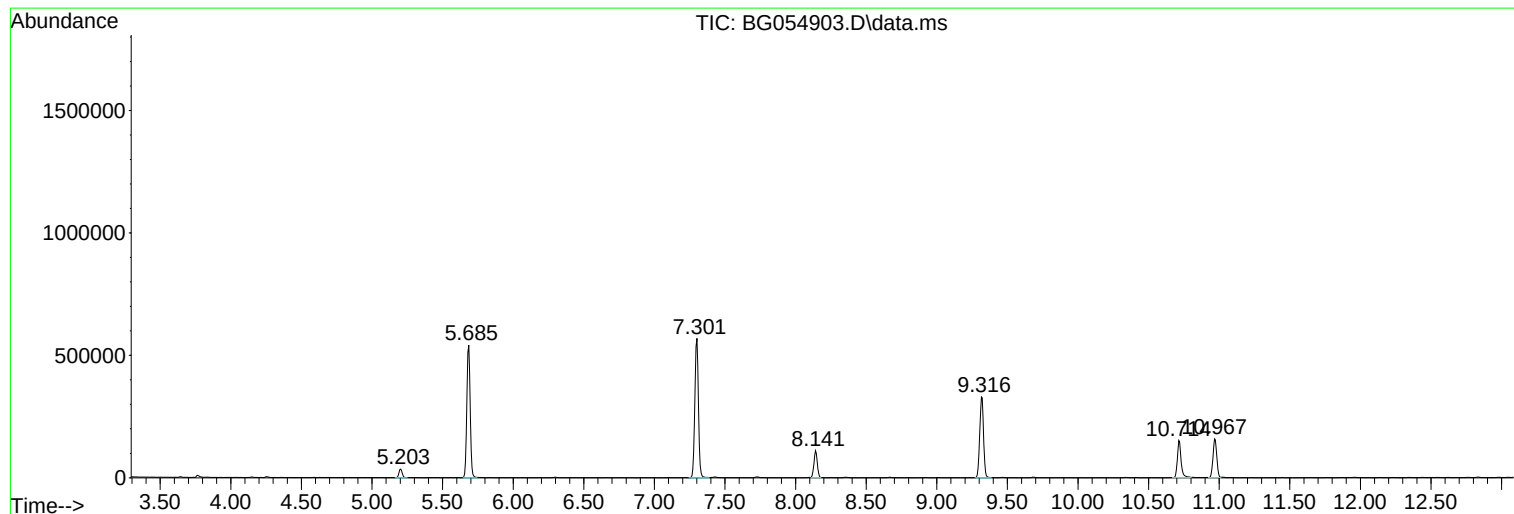
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-SOIL-0908

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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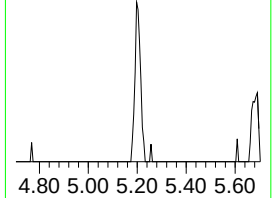
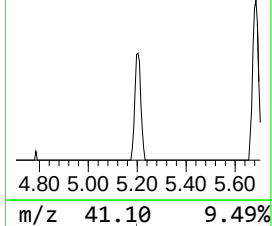
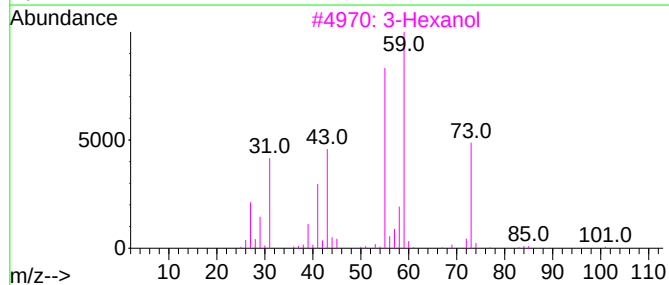
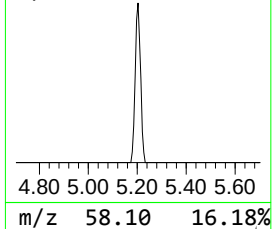
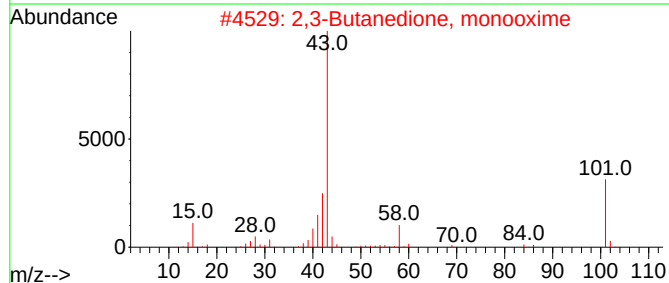
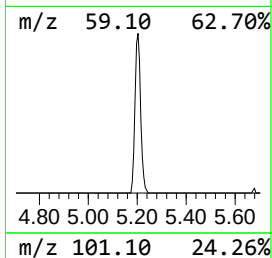
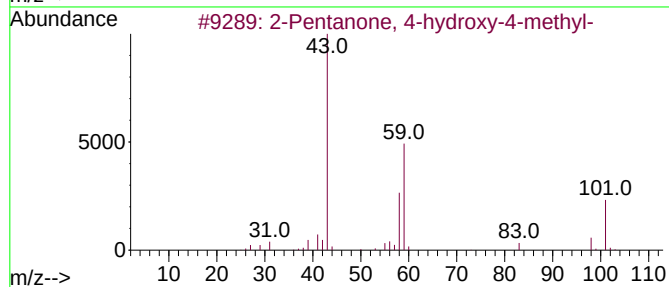
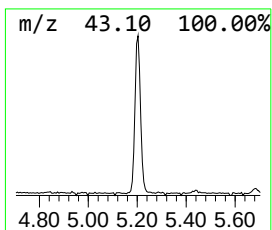
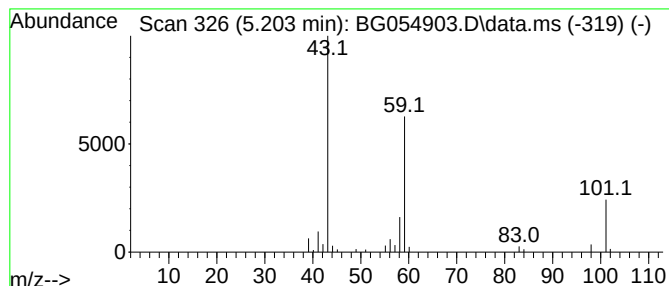
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.203	6.23 ng	56338	1,4-Dichlorobenzene-d4	8.141

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3			3-Hexanol	102	C6H14O	000623-37-0	25
4			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17



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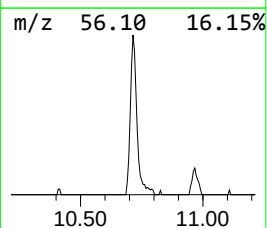
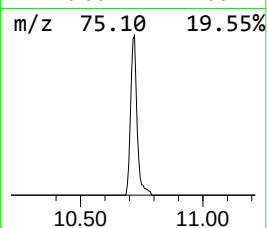
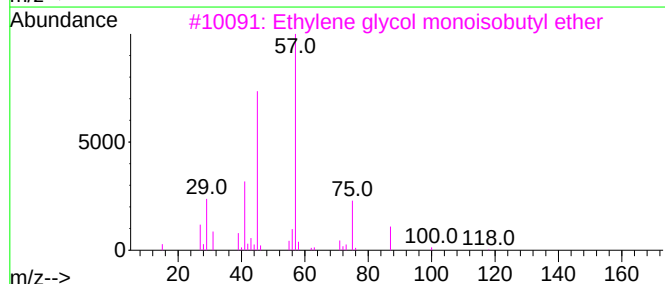
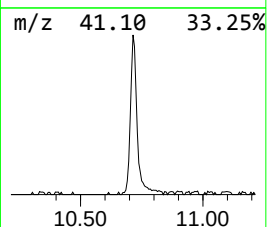
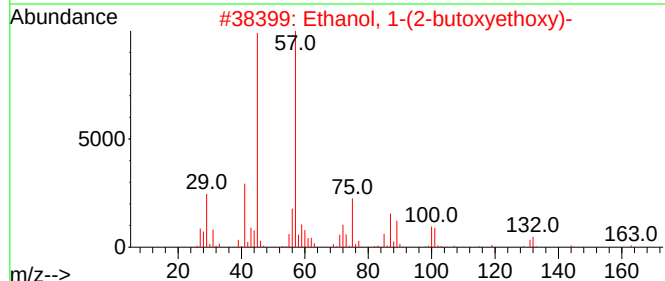
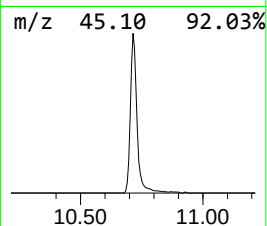
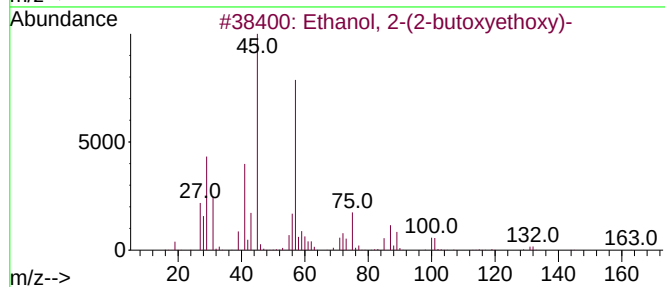
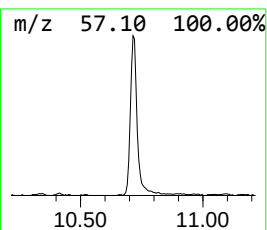
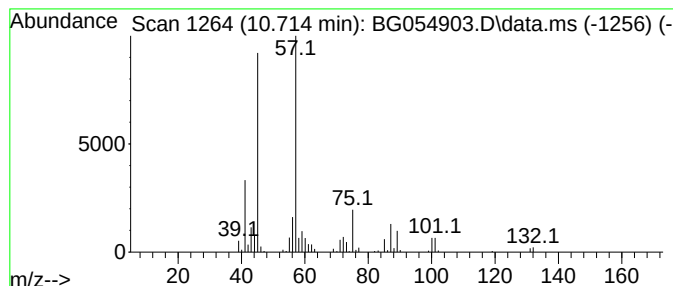
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Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.714	18.96 ng	276579	Naphthalene-d8	10.967

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5			Di-sec-Butyl ether	130	C8H18O	006863-58-7	50



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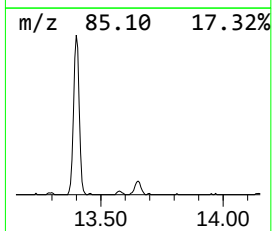
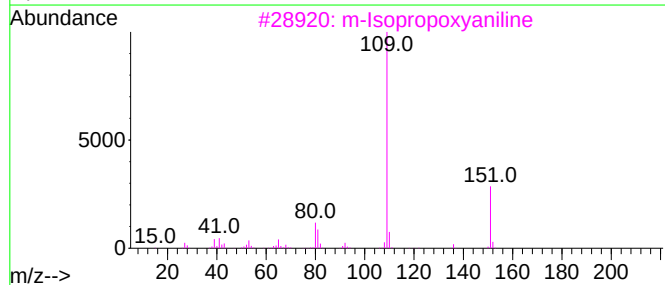
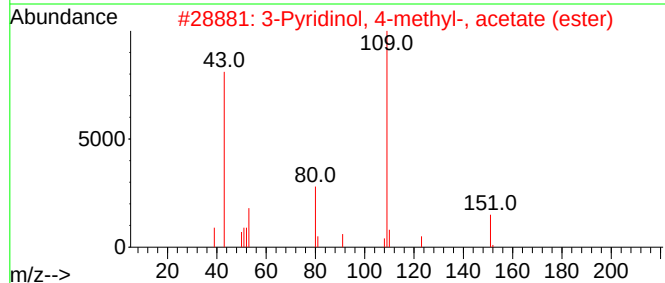
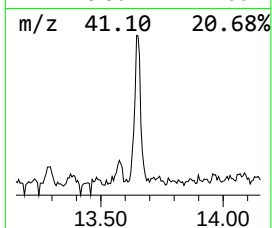
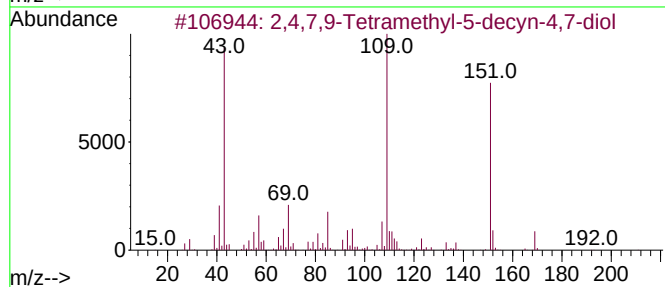
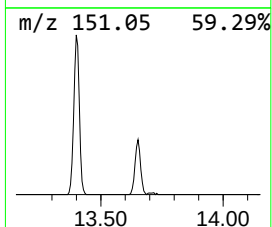
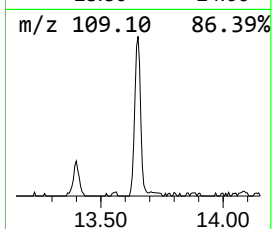
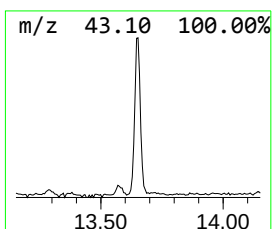
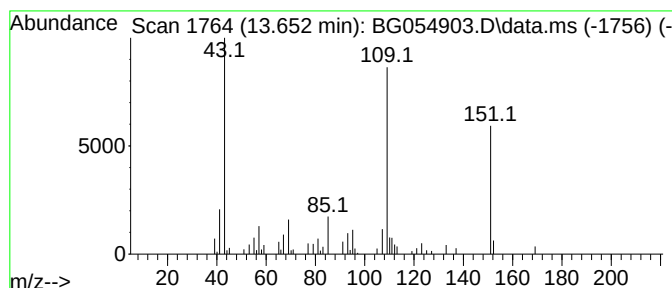
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.652	4.00 ng	93283	Acenaphthene-d10	14.780

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91	
2	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53	
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53	
4	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	53	
5	Metacetamol	151	C8H9NO2	000621-42-1	53	



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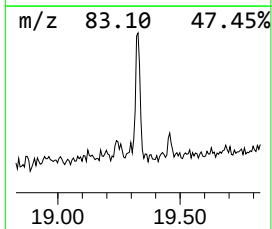
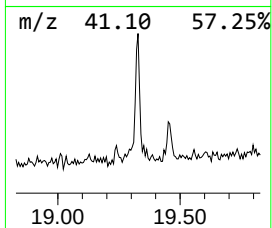
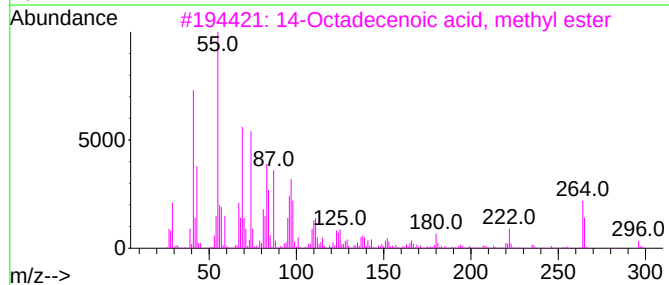
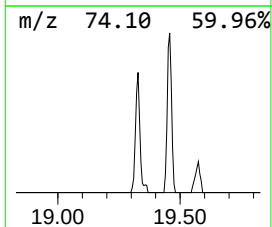
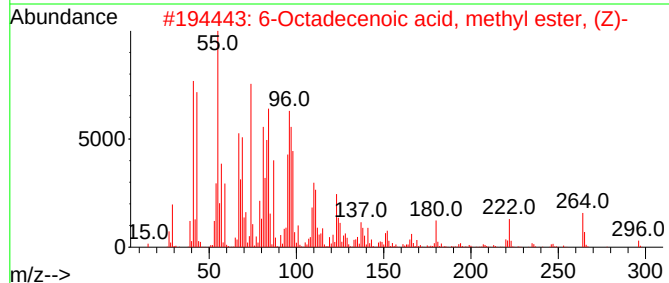
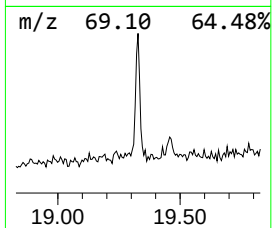
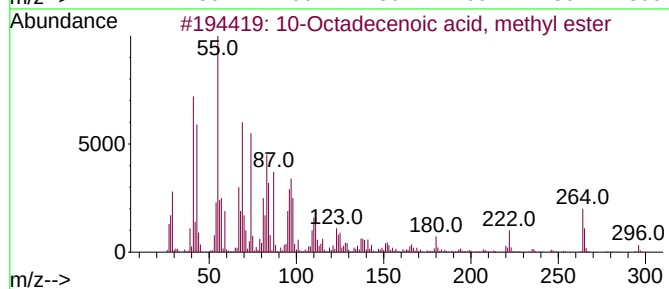
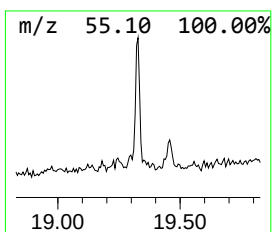
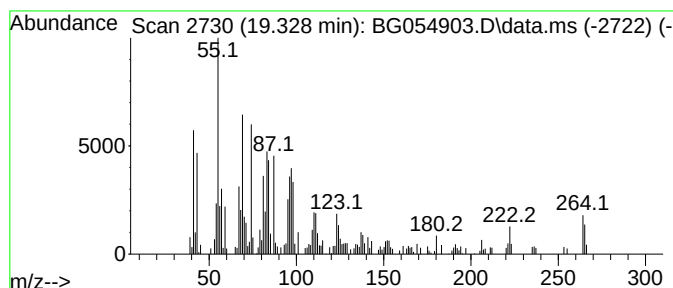
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Peak Number 4 10-Octadecenoic acid, methy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.328	4.25 ng	122484	Phenanthrene-d10	17.524	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	93
2	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	93
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
5	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	90



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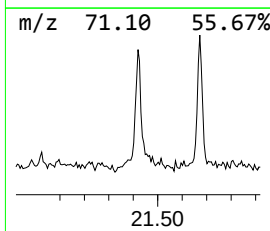
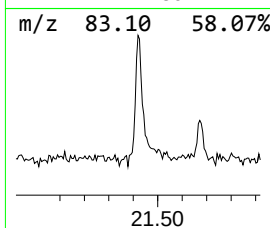
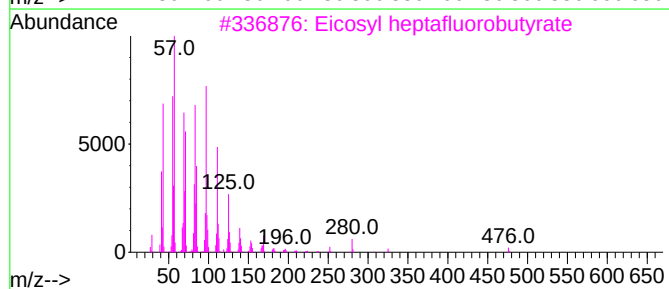
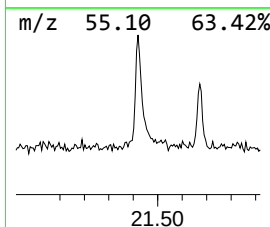
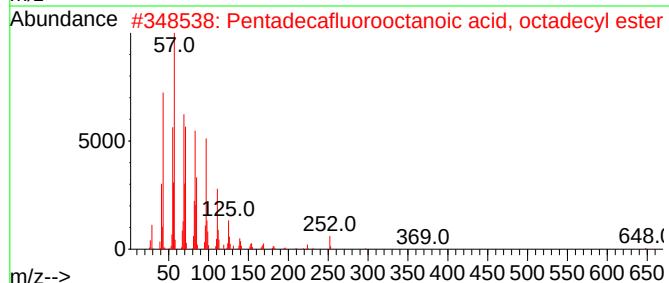
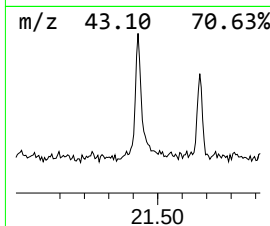
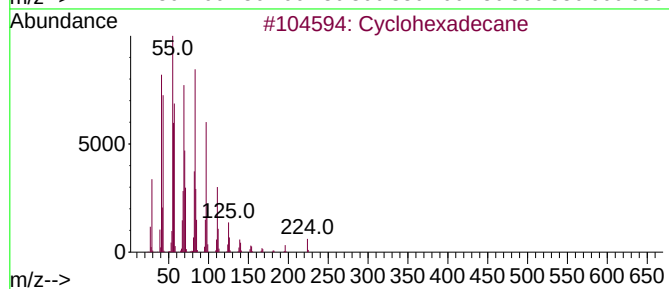
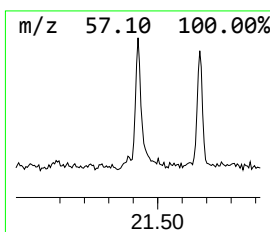
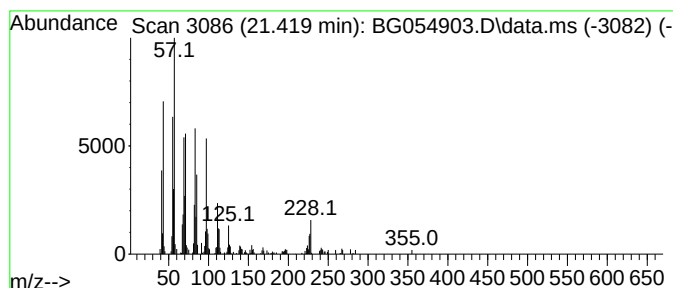
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Peak Number 5 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.419	3.41 ng	118900	Chrysene-d12	21.819

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	95
2			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
3			Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	81
4			Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	76
5			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	76



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.203	6.2	ng	56338	1	8.141	180801	20.0
Ethanol, 2-(2-b...	10.714	19.0	ng	276579	2	10.967	291787	20.0
2,4,7,9-Tetrame...	13.652	4.0	ng	93283	3	14.780	466317	20.0
10-Octadecenoic...	19.328	4.3	ng	122484	4	17.524	575987	20.0
Cyclohexadecane	21.419	3.4	ng	118900	5	21.819	698026	20.0