

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037553.D
 Acq On : 25 Oct 2018 20:16
 Operator : JU/SJ
 Sample : J5639-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BS-SOIL-3

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BG101818.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.765	77	81	90	rBV	29596	51042	1.51%	0.223%
2	5.186	317	323	331	rBV	46699	79068	2.34%	0.345%
3	5.645	393	401	414	rBV	1086911	1780179	52.61%	7.777%
4	7.249	664	674	685	rBV	1151768	2233704	66.02%	9.759%
5	7.631	730	739	752	rBV	1034161	1841250	54.42%	8.044%
6	8.101	812	819	832	rBV	182157	327805	9.69%	1.432%
7	8.424	867	874	883	rBV	695568	1273734	37.65%	5.565%
8	9.282	1010	1020	1028	rBV	655841	1216290	35.95%	5.314%
9	10.921	1292	1299	1307	rBV	260521	503083	14.87%	2.198%
10	13.359	1705	1714	1724	rBV	1556635	2543873	75.19%	11.114%
11	14.182	1848	1854	1860	rBV	245902	372774	11.02%	1.629%
12	14.734	1941	1948	1955	rBV2	478885	795424	23.51%	3.475%
13	14.799	1955	1959	1967	rVB	19553	35790	1.06%	0.156%
14	15.627	2091	2100	2106	rBV3	14653	35533	1.05%	0.155%
15	16.221	2194	2201	2216	rBV	1420116	2258938	66.76%	9.869%
16	16.832	2301	2305	2313	rVB	48587	67444	1.99%	0.295%
17	17.484	2409	2416	2420	rBV2	592044	965837	28.55%	4.220%
18	17.589	2430	2434	2443	rVB4	35074	61886	1.83%	0.270%
19	17.742	2456	2460	2464	rBV5	20671	36647	1.08%	0.160%
20	18.230	2540	2543	2551	rVB2	29441	48778	1.44%	0.213%
21	18.336	2557	2561	2566	rBV2	94943	140661	4.16%	0.615%
22	19.182	2701	2705	2713	rVB3	38079	64871	1.92%	0.283%
23	19.528	2760	2764	2772	rVB	96273	140018	4.14%	0.612%
24	19.605	2774	2777	2784	rVB5	37736	71676	2.12%	0.313%
25	19.722	2794	2797	2802	rVB3	32381	45159	1.33%	0.197%
26	19.893	2822	2826	2833	rVB	90502	133931	3.96%	0.585%
27	20.081	2852	2858	2867	rVB	2563160	3383476	100.00%	14.782%
28	21.373	3074	3078	3093	rVB4	91901	198205	5.86%	0.866%
29	21.761	3138	3144	3160	rVB	546616	1040847	30.76%	4.547%
30	22.543	3274	3277	3281	rVB3	24547	34198	1.01%	0.149%
31	23.253	3394	3398	3406	rVB4	31247	58458	1.73%	0.255%
32	24.082	3535	3539	3548	rVB3	41290	93694	2.77%	0.409%
33	25.098	3701	3712	3723	rBV2	304458	954983	28.22%	4.172%

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BS-SOIL-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-BG101818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

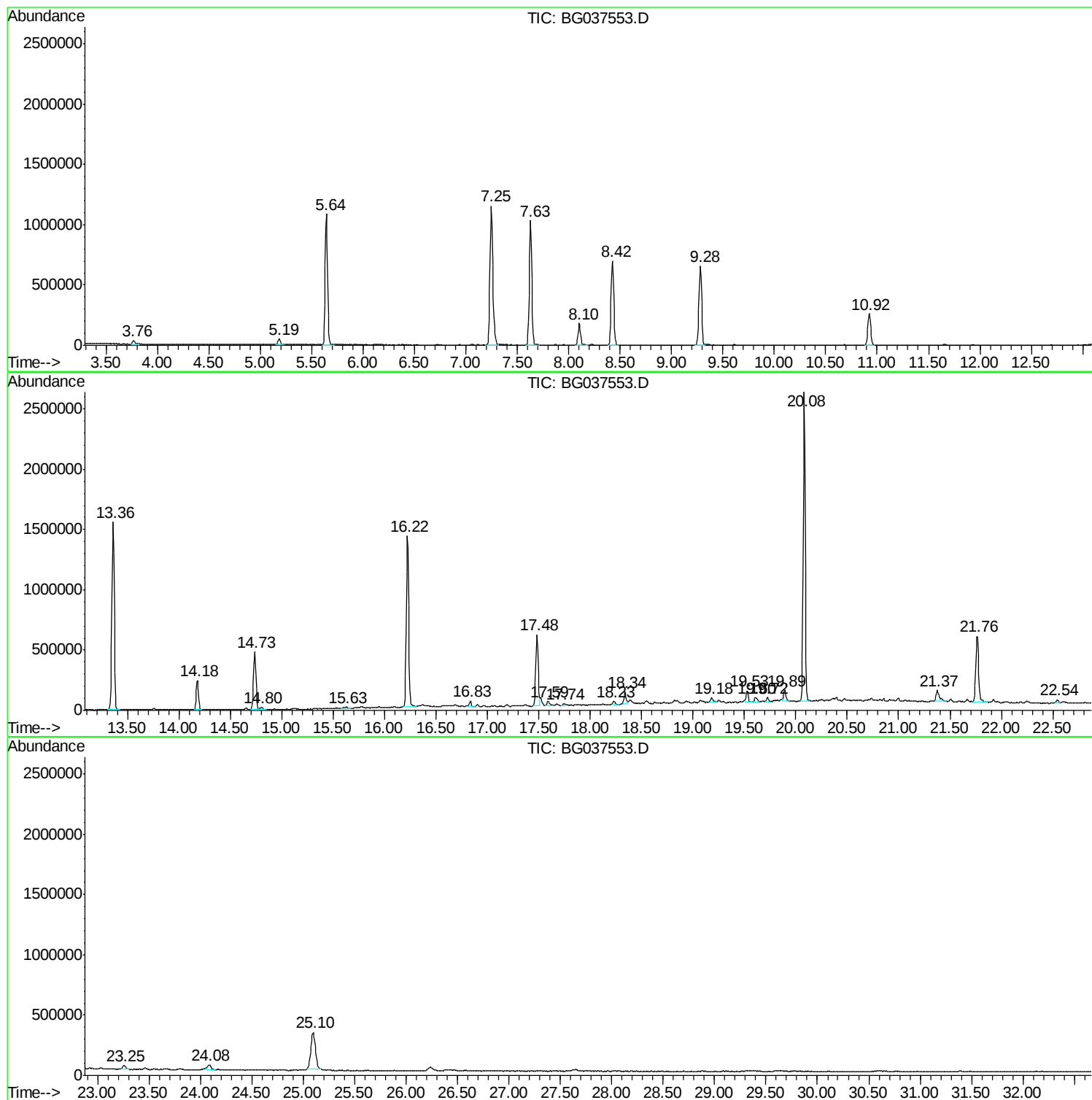
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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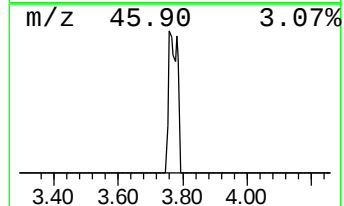
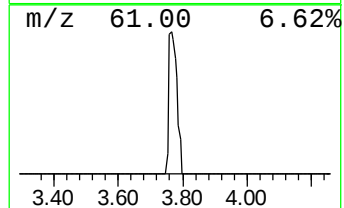
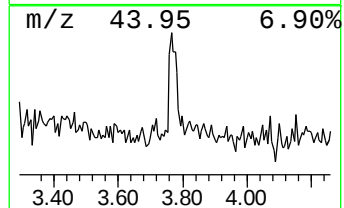
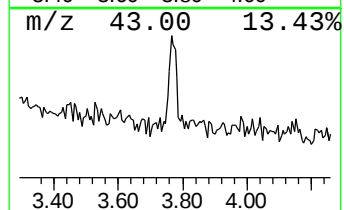
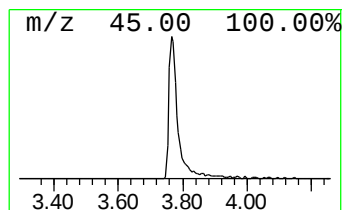
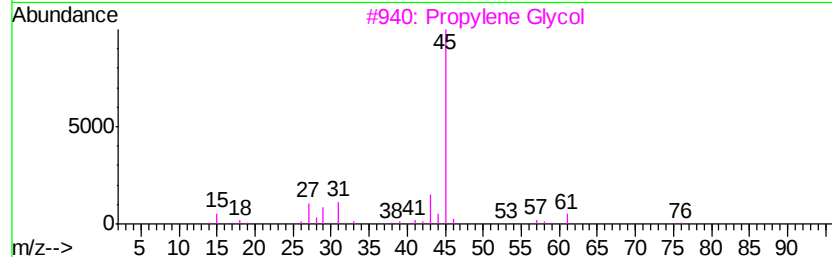
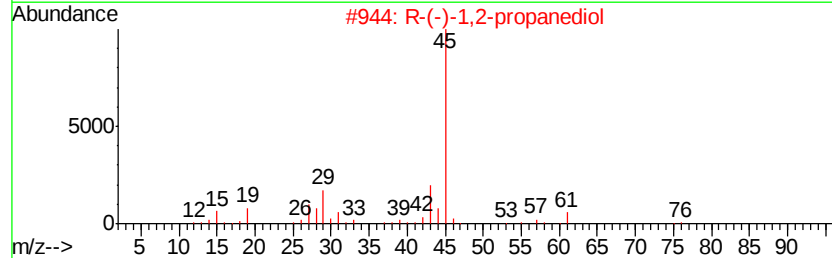
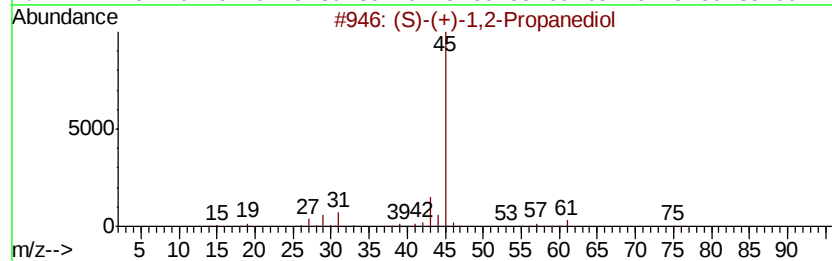
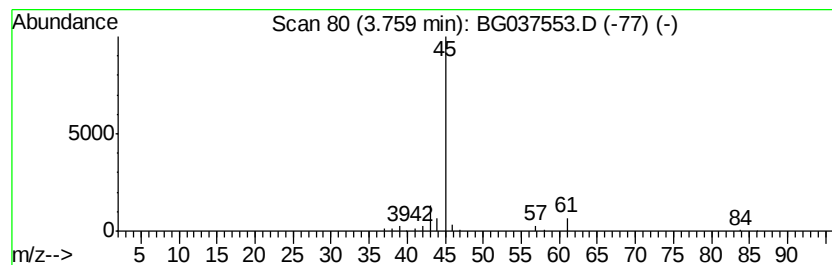
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (S)-(+)-1,2-Propanediol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	3.11 ng	51042	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	43
3	Propylene Glycol	76	C3H8O2	000057-55-6	43
4	Butanenitrile, 2-(methoxymethoxy)	129	C6H11NO2	1000196-86-5	9
5	Formamide	45	CH3NO	000075-12-7	7



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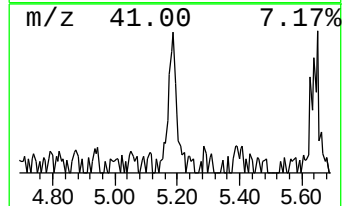
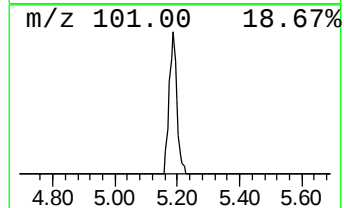
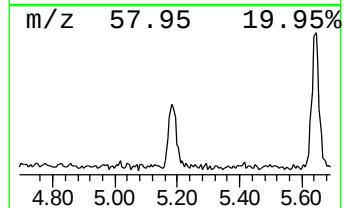
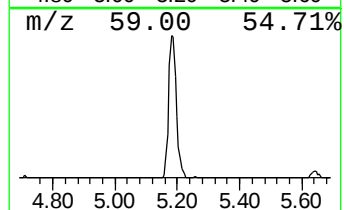
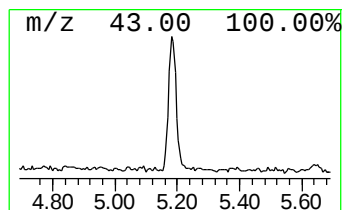
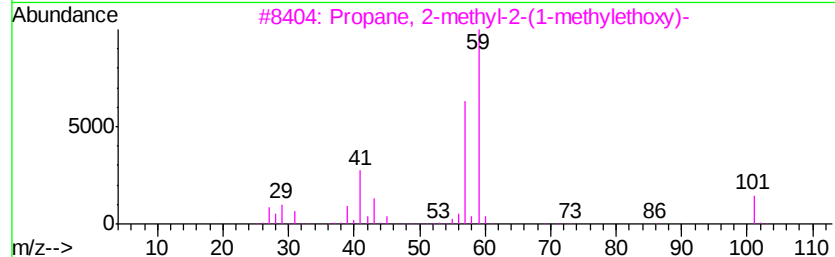
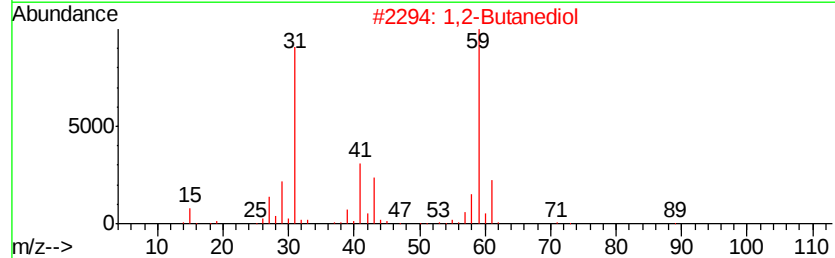
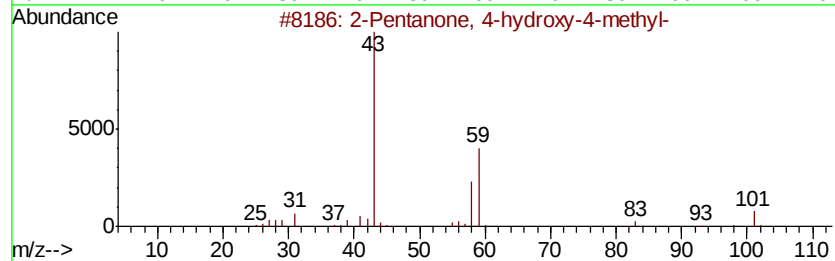
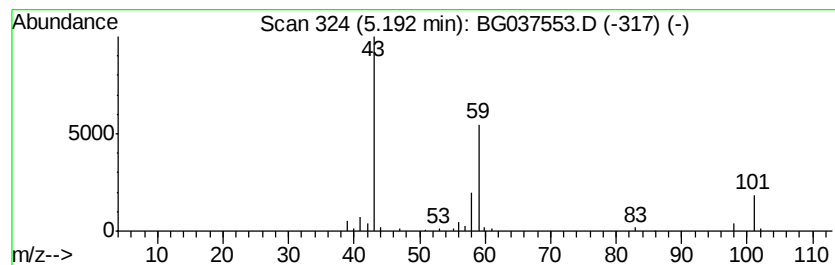
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	4.82 ng	79068	1,4-Dichlorobenzene-d4	8.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			1,2-Butanediol	90	C4H10O2	000584-03-2	38
3			Propane, 2-methyl-2-(1-methylethyl)-	116	C7H16O	017348-59-3	36
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5			Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	9



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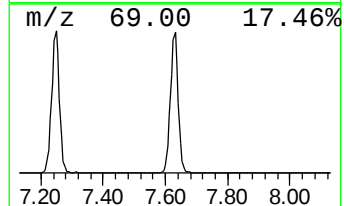
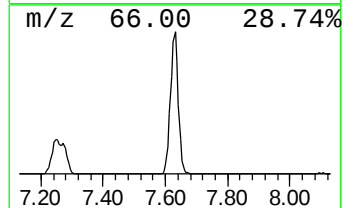
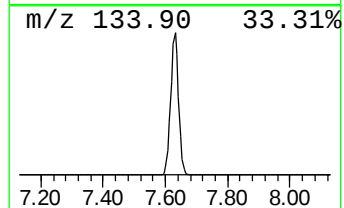
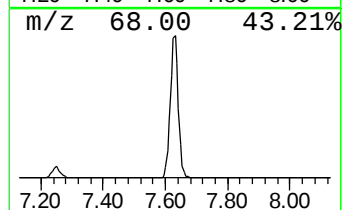
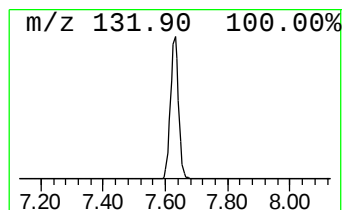
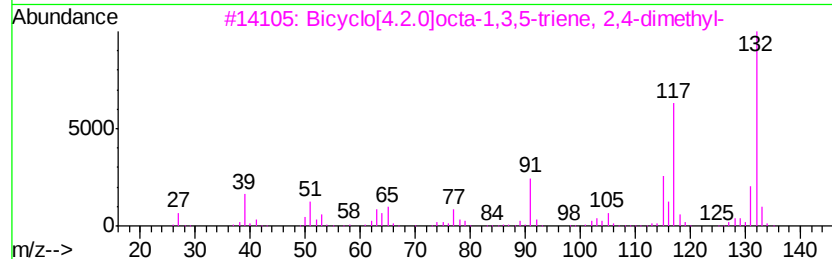
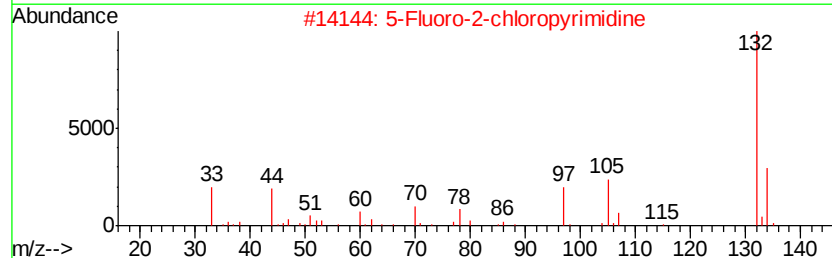
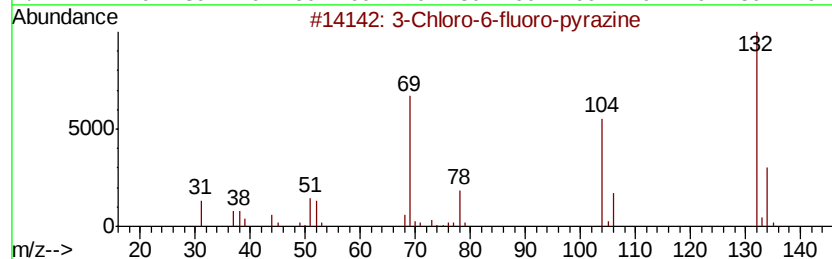
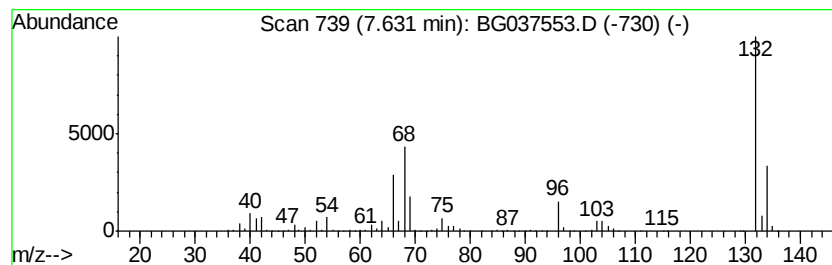
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	112.34 ng	1841250	1,4-Dichlorobenzene-d4	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		Xenon	132	Xe	007440-63-3	9



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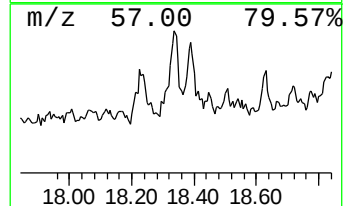
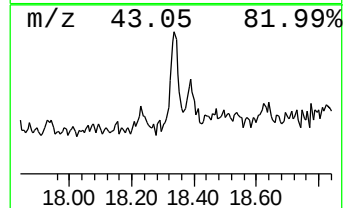
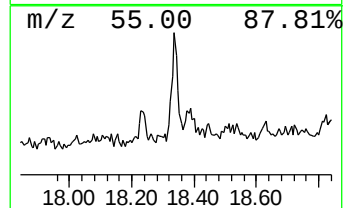
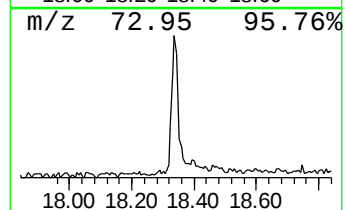
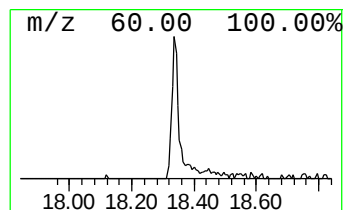
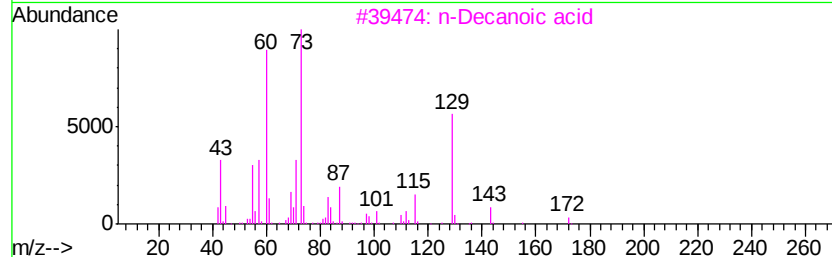
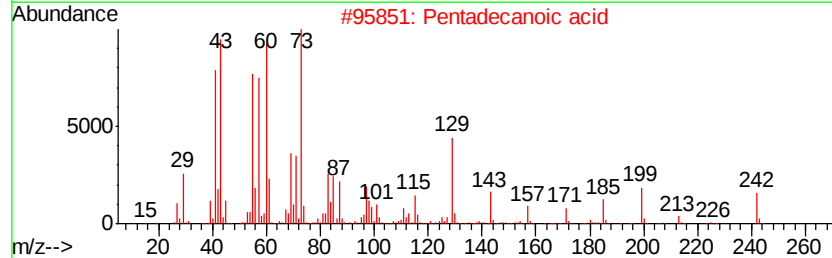
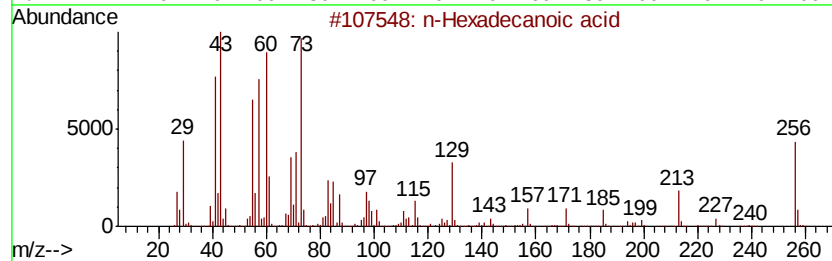
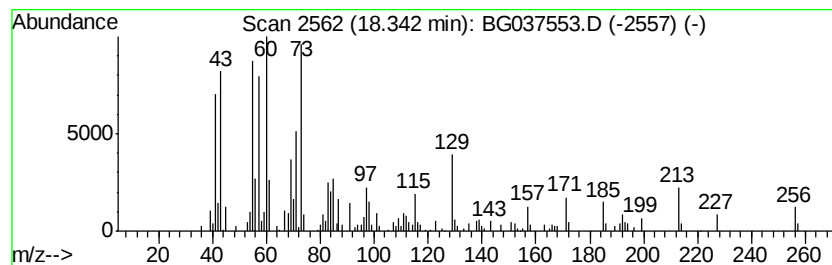
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.91 ng	140661	Phenanthrene-d10	17.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3		n-Decanoic acid	172	C10H20O2	000334-48-5	70
4		Tridecanoic acid	214	C13H26O2	000638-53-9	70
5		Undecanoic acid	186	C11H22O2	000112-37-8	68



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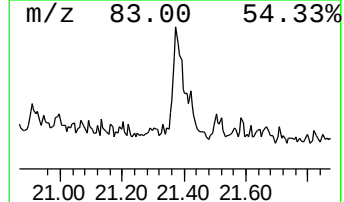
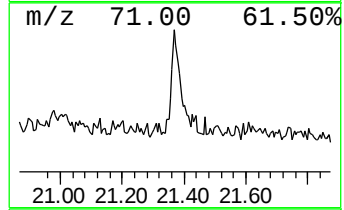
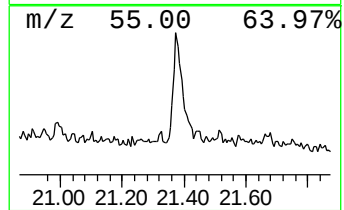
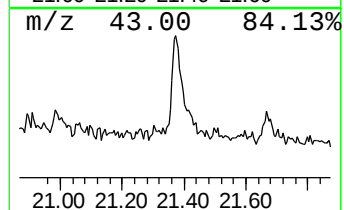
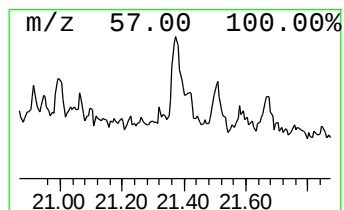
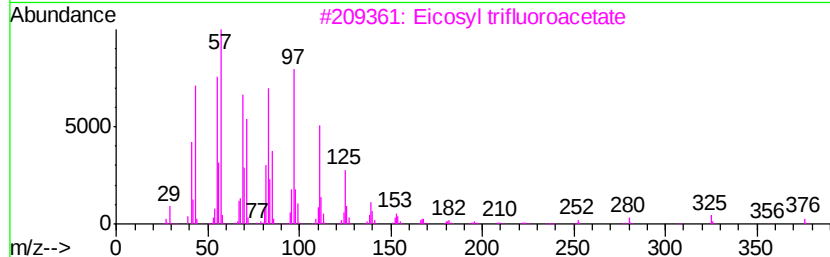
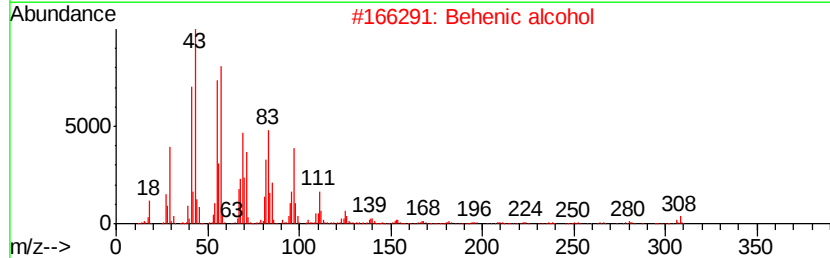
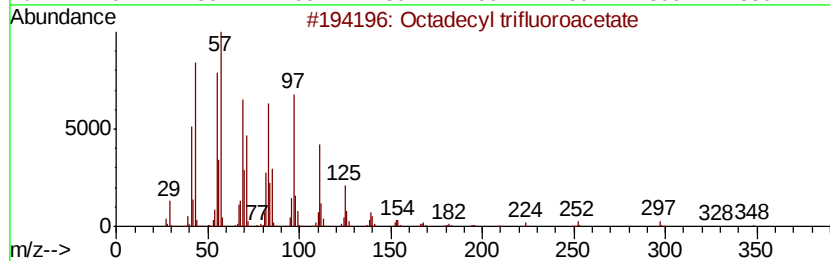
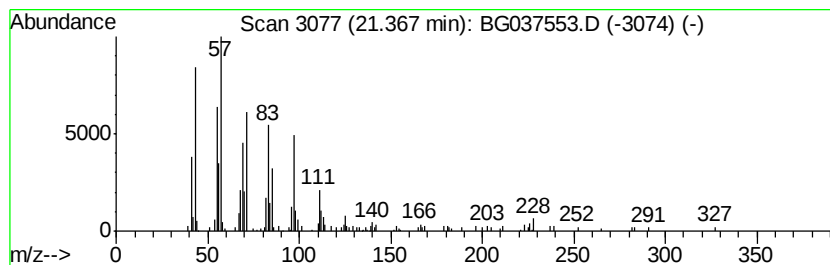
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Peak Number 7 Octadecyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	3.81 ng	198205	Chrysene-d12	21.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90
2		Behenic alcohol	326	C22H46O	000661-19-8	87
3		Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	87
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	86
5		11-Tricosene	322	C23H46	052078-56-5	86



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BNA_G
ClientSampleId :
BS-SOIL-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(S)-(+)-1,2-Propa...	3.76	3.1	ng	51042	1	8.10	327805	20.0
2-Pentanone, 4-hy...	5.19	4.8	ng	79068	1	8.10	327805	20.0
unknown7.63	7.63	112.3	ng	1841250	1	8.10	327805	20.0
n-Hexadecanoic acid	18.34	2.9	ng	140661	4	17.48	965837	20.0
Octadecyl trifluo...	21.37	3.8	ng	198205	5	21.76	1040850	20.0