

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
 Data File : BF111992.D
 Acq On : 10 Jan 2019 17:28
 Operator : JU/SJ
 Sample : K1100-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUM-B

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_F\METHODS\8270-BF010719.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	2.169	10	14	18	rVB	49141	63366	2.70%	0.309%
2	5.092	507	511	516	rVB	112605	129053	5.50%	0.630%
3	5.510	577	582	585	rBV	2434601	2181355	92.90%	10.652%
4	6.516	748	753	756	rBV	2309914	2155711	91.81%	10.527%
5	6.651	771	776	779	rBV	2367604	2184645	93.04%	10.668%
6	6.698	781	784	790	rVB	295041	235909	10.05%	1.152%
7	6.875	810	814	818	rBV	695687	552957	23.55%	2.700%
8	7.034	837	841	844	rBV	2012455	1665597	70.94%	8.134%
9	7.434	904	909	912	rBV	1510776	1370487	58.37%	6.693%
10	8.157	1028	1032	1035	rBV	828102	680807	28.99%	3.325%
11	9.233	1210	1215	1218	rBV	2552686	2348034	100.00%	11.466%
12	9.622	1277	1281	1284	rBV	613282	480106	20.45%	2.345%
13	9.910	1326	1330	1334	rBV	812870	711663	30.31%	3.475%
14	10.698	1460	1464	1472	rBV	1277705	1182795	50.37%	5.776%
15	11.398	1579	1583	1586	rBV	756471	603972	25.72%	2.949%
16	11.916	1668	1671	1679	rBV3	26703	30207	1.29%	0.148%
17	12.980	1848	1852	1855	rBV	2187190	1843787	78.52%	9.004%
18	13.874	1999	2004	2011	rBV2	76903	121555	5.18%	0.594%
19	14.039	2028	2032	2035	rBV	915009	808053	34.41%	3.946%
20	14.198	2056	2059	2062	rBV	34280	30464	1.30%	0.149%
21	14.510	2109	2112	2116	rVB	35411	38251	1.63%	0.187%
22	14.815	2162	2164	2169	rBV	45059	47475	2.02%	0.232%
23	15.162	2220	2223	2226	rVB	30460	32011	1.36%	0.156%
24	15.521	2279	2284	2292	rVB	597657	770065	32.80%	3.760%
25	15.774	2323	2327	2330	rBV5	24420	50495	2.15%	0.247%
26	15.980	2360	2362	2369	rVB4	37731	57544	2.45%	0.281%
27	16.462	2442	2444	2445	rBV2	29291	29071	1.24%	0.142%
28	17.139	2558	2559	2565	rBV6	15138	26224	1.12%	0.128%
29	17.368	2595	2598	2601	rBV4	24254	46222	1.97%	0.226%

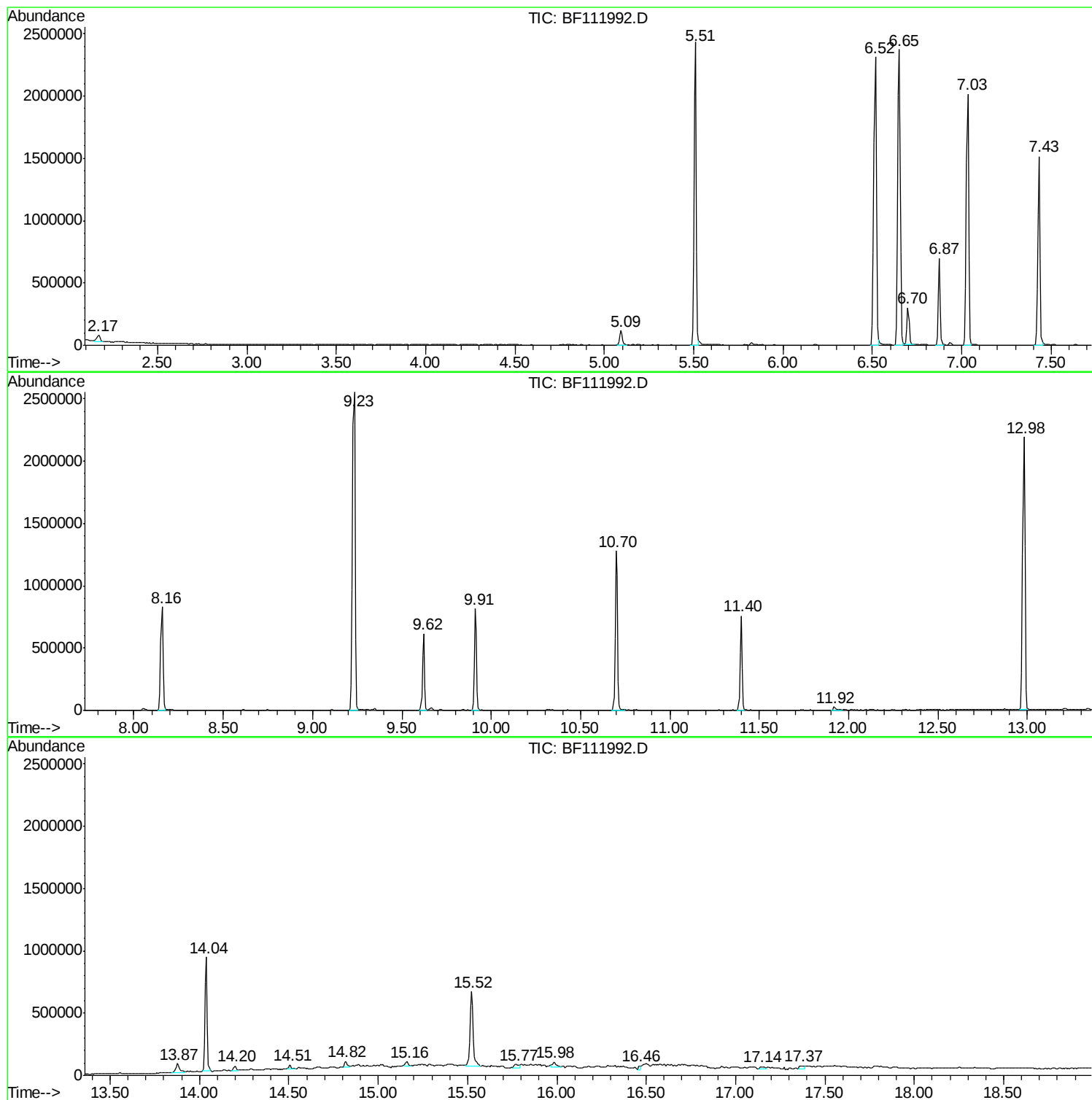
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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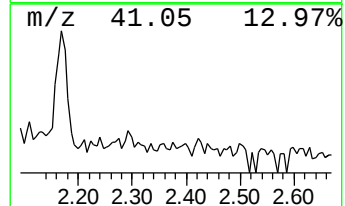
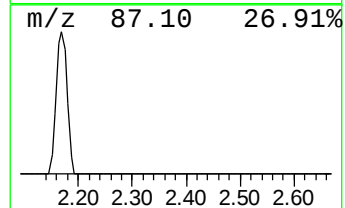
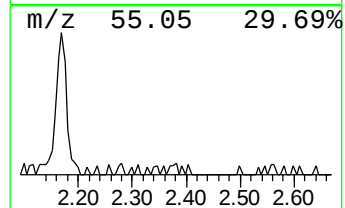
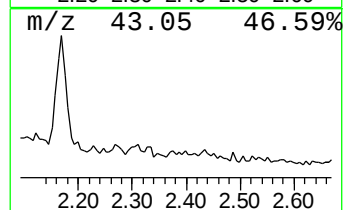
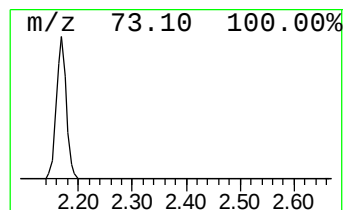
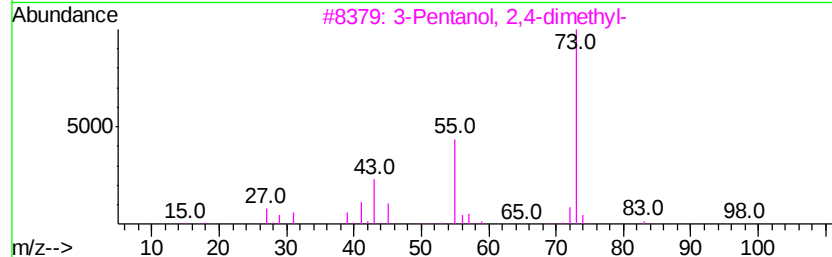
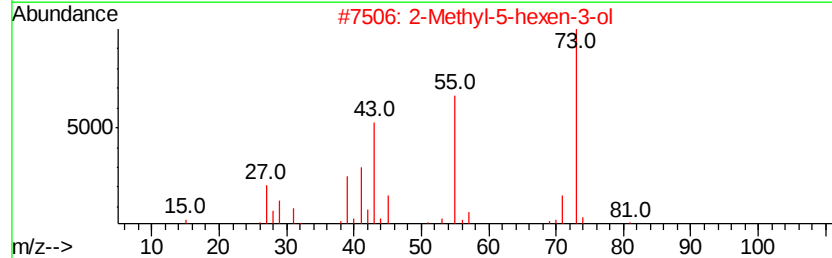
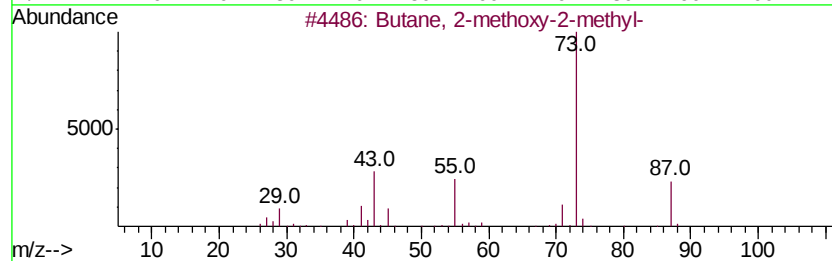
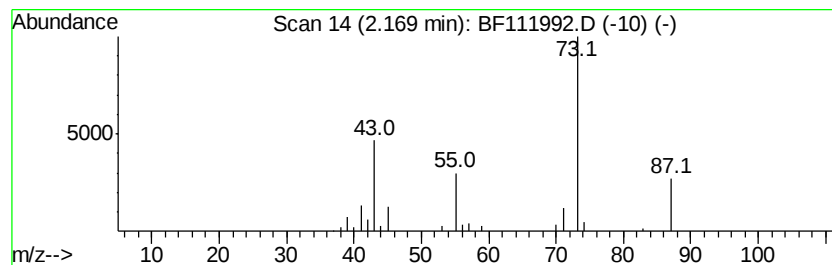
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	2.29 ng	63366	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
3		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4		1,4-Butanediamine	88	C4H12N2	000110-60-1	9
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



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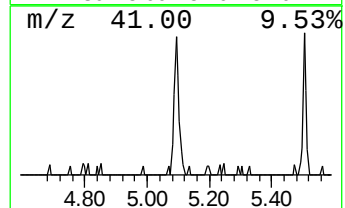
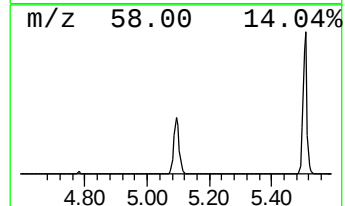
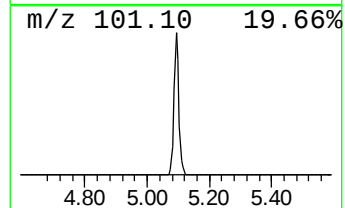
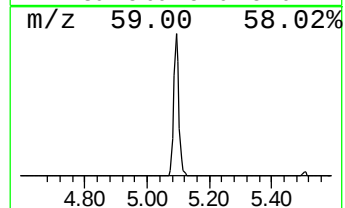
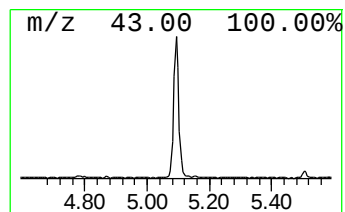
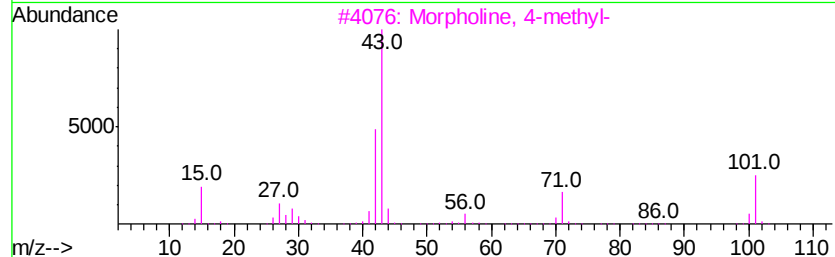
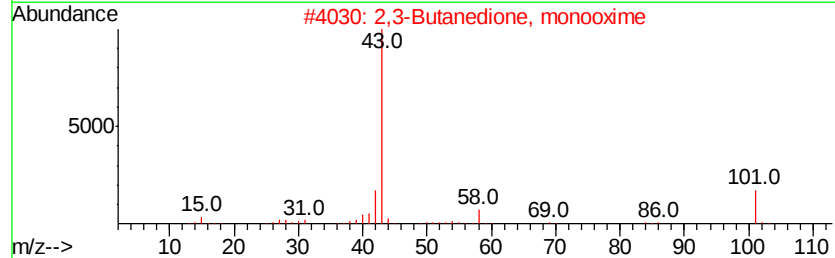
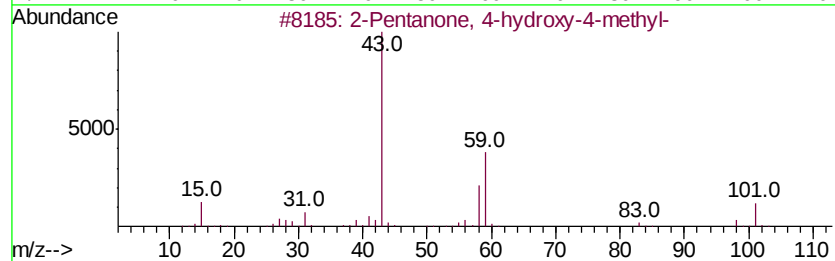
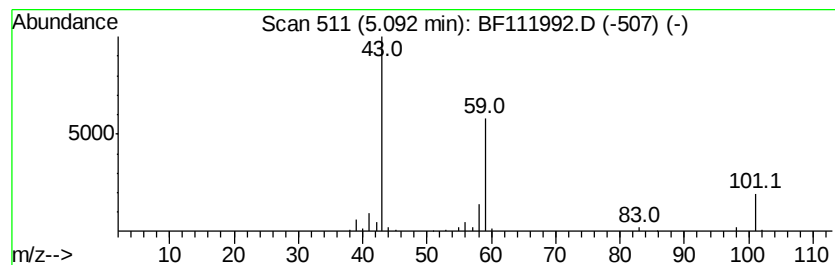
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	4.67 ng	129053	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5		.alpha.-Hydroxyisobutyric acid, ...	146	C6H10O4	1000374-31-3	9



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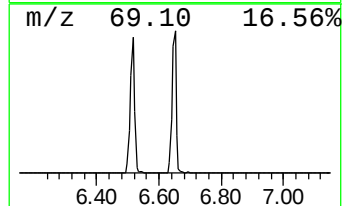
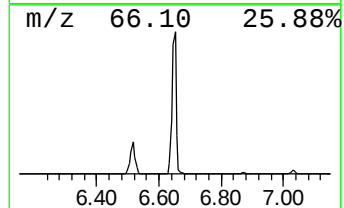
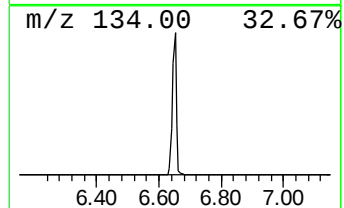
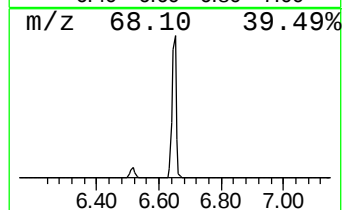
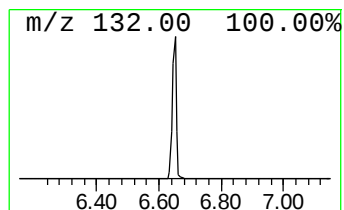
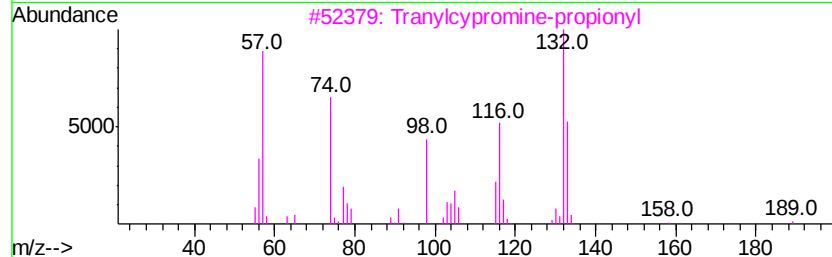
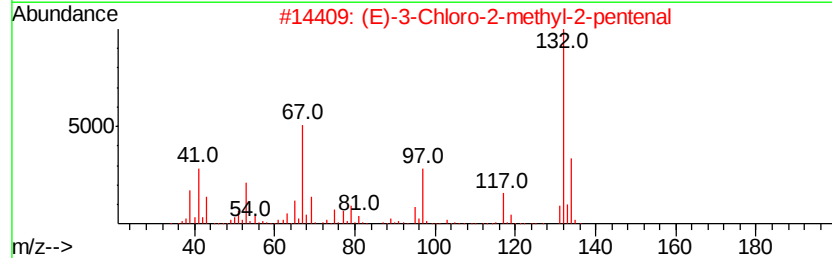
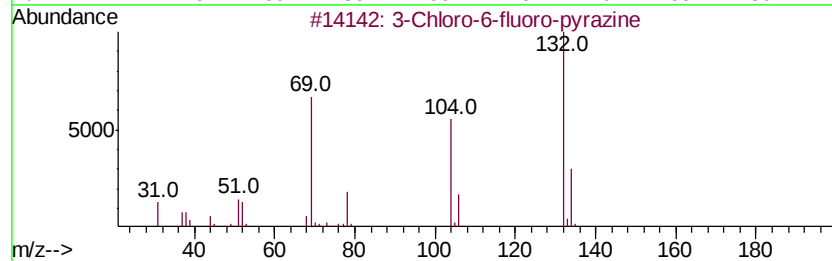
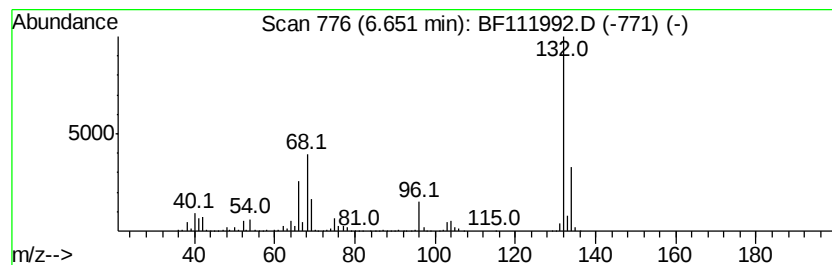
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	79.02 ng	2184650	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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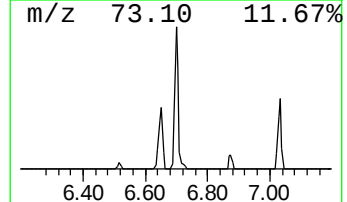
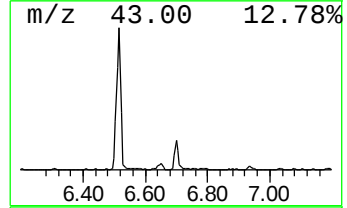
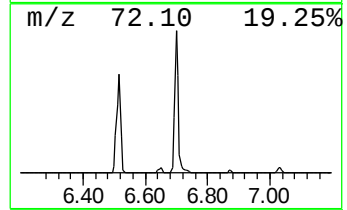
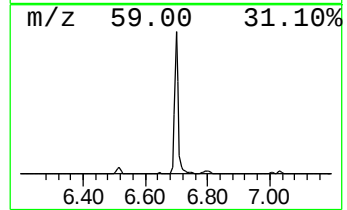
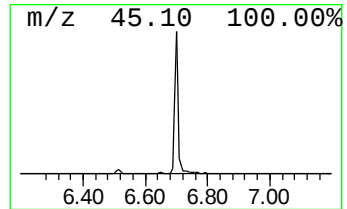
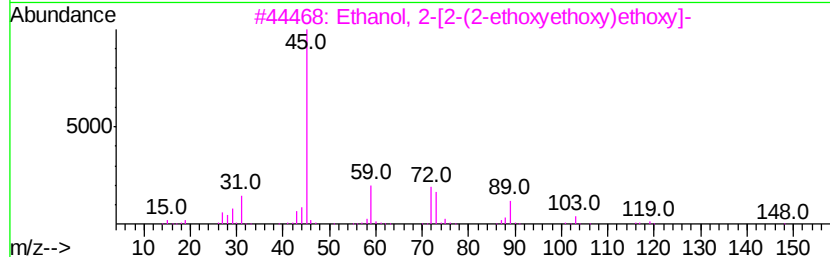
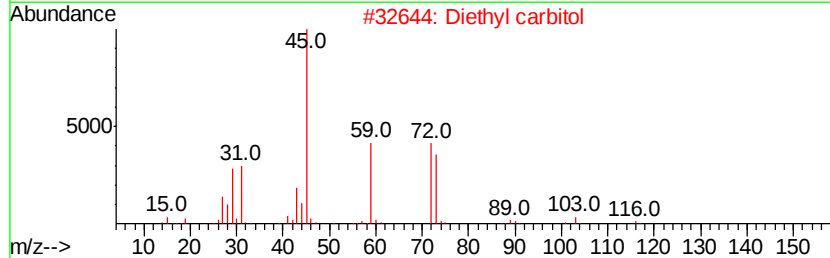
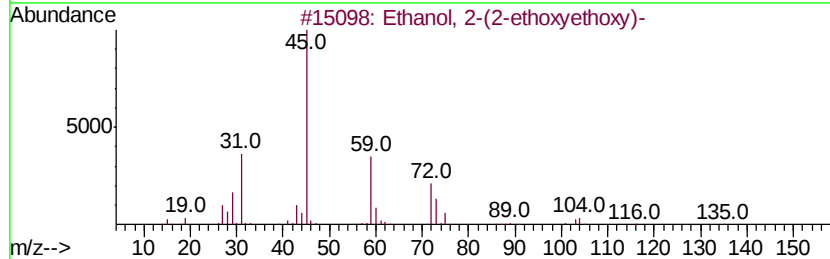
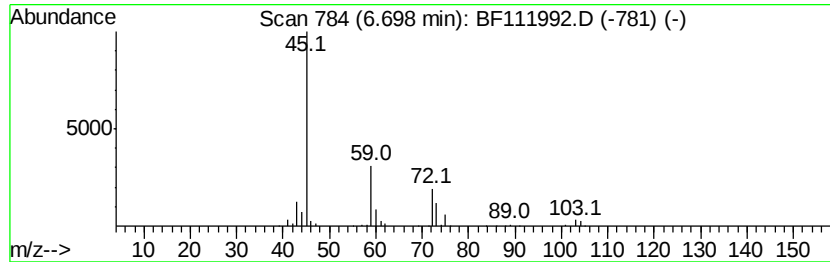
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Peak Number 4 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	8.53 ng	235909	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-ethoxvethoxv)-	134	C6H14O3	000111-90-0	83
2			Diethyl carbitol	162	C8H18O3	000112-36-7	78
3			Ethanol, 2-[2-(2-ethoxvethoxv)et...	178	C8H18O4	000112-50-5	64
4			2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	47
5			2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45



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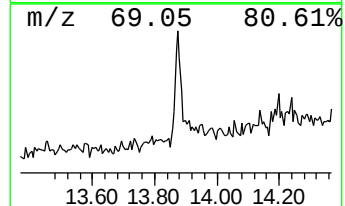
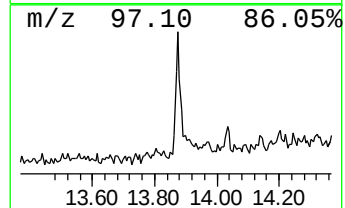
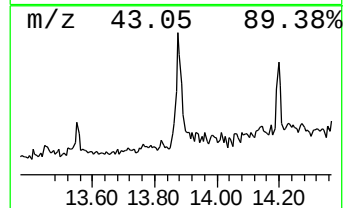
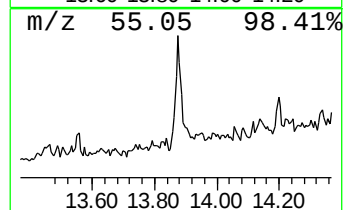
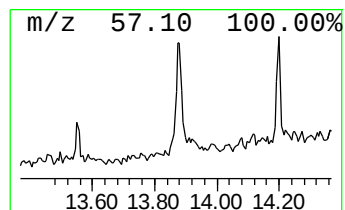
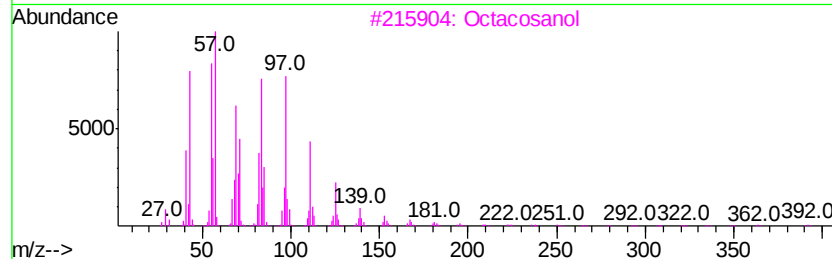
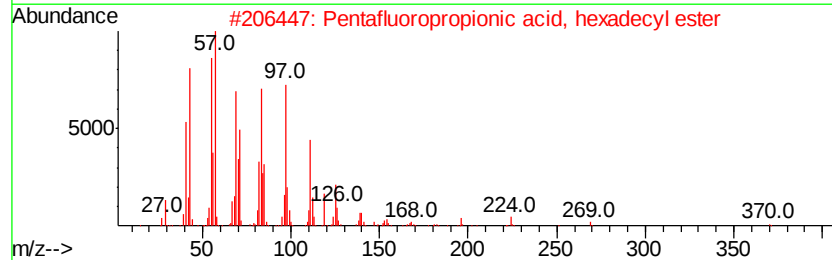
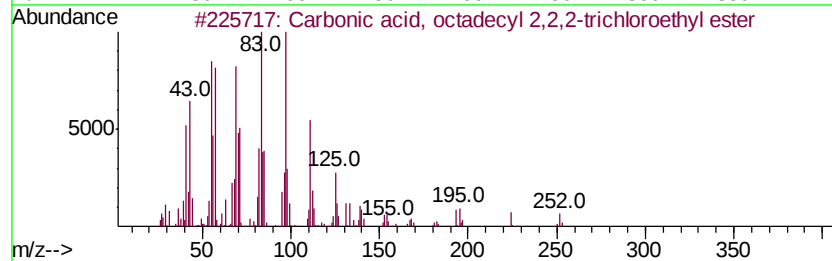
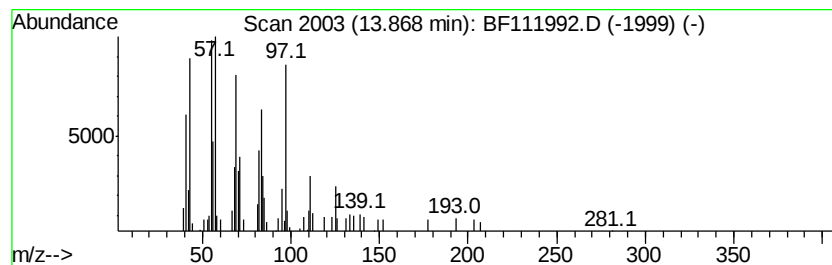
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Peak Number 6 Carbonic acid, octadecyl 2,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.01 ng	121555	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	93
2		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
3		Octacosanol	410	C28H58O	000557-61-9	91
4		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5		1-Heptacosanol	396	C27H56O	002004-39-9	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.17	2.3	ng	63366	1	6.87	552957	20.0
2-Pentanone, 4-hy...	5.09	4.7	ng	129053	1	6.87	552957	20.0
unknown6.65	6.65	79.0	ng	2184650	1	6.87	552957	20.0
Ethanol, 2-(2-eth...	6.70	8.5	ng	235909	1	6.87	552957	20.0
Carbonic acid, oc...	13.87	3.0	ng	121555	5	14.04	808053	20.0