

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
 Data File : BG021633.D
 Acq On : 13 Apr 2016 22:51
 Operator : UM/SJ
 Sample : H2472-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SES-CS-PH3-COA-01

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:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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	4.690	309	315	323	rBV	126612	189510	6.65%	1.701%
2	5.301	411	419	429	rBV	232552	371360	13.02%	3.333%
3	5.759	490	497	506	rBV	166351	274198	9.62%	2.461%
4	6.388	597	604	610	rVB	25229	39902	1.40%	0.358%
5	7.351	760	768	776	rBV	111264	193025	6.77%	1.733%
6	7.745	824	835	843	rBV	309583	518397	18.18%	4.653%
7	8.221	909	916	922	rBV	102483	176562	6.19%	1.585%
8	8.544	963	971	980	rVB	407167	717356	25.16%	6.439%
9	9.384	1105	1114	1122	rBV	365146	652271	22.87%	5.855%
10	11.035	1388	1395	1403	rVB	145277	262342	9.20%	2.355%
11	13.456	1799	1807	1816	rVB	1030986	1622685	56.90%	14.565%
12	14.825	2033	2040	2048	rVB2	249925	396872	13.92%	3.562%
13	16.299	2283	2291	2299	rBV	526183	777099	27.25%	6.975%
14	16.505	2322	2326	2330	rBV	20197	28978	1.02%	0.260%
15	17.557	2498	2505	2511	rBV	356500	525216	18.42%	4.714%
16	19.625	2853	2857	2862	rBV	211048	239400	8.40%	2.149%
17	20.148	2939	2946	2955	rBV	2059154	2851604	100.00%	25.595%
18	21.828	3225	3232	3241	rBV	416087	681913	23.91%	6.121%
19	25.154	3788	3798	3809	rBV3	209525	622619	21.83%	5.588%

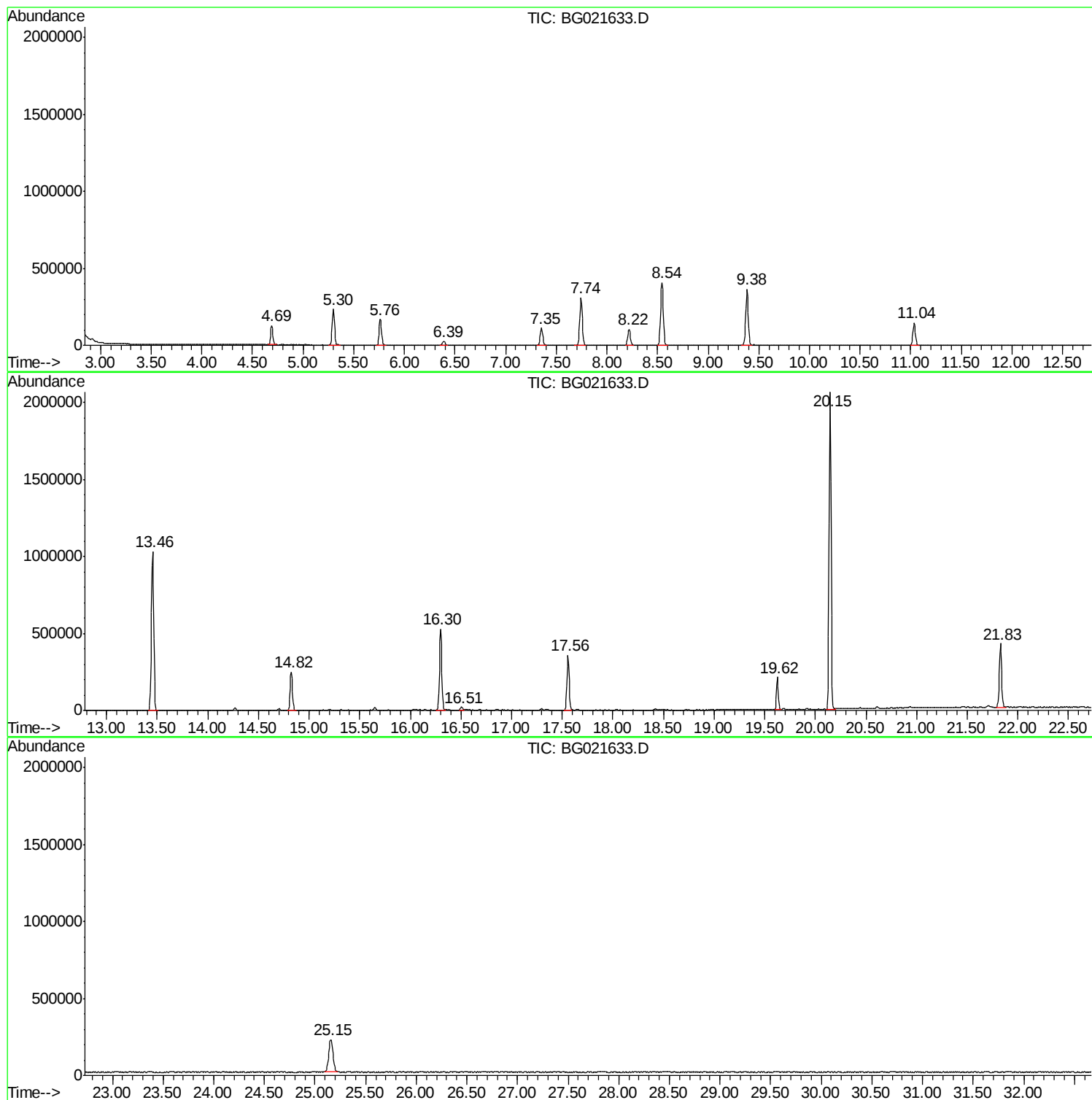
Sum of corrected areas: 11141309

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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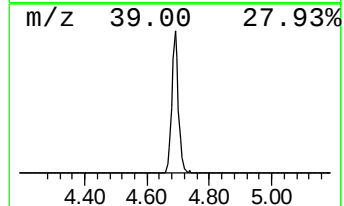
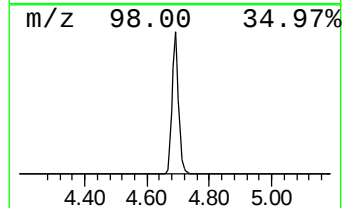
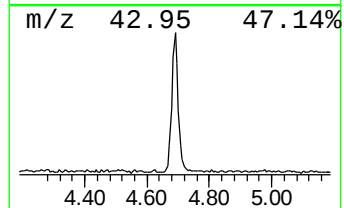
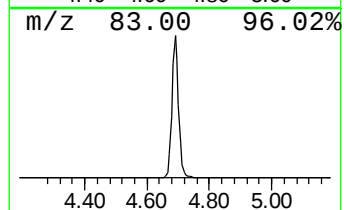
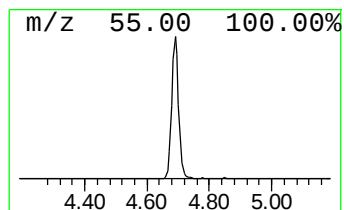
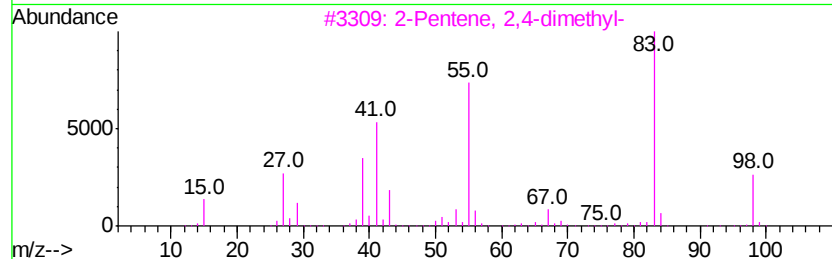
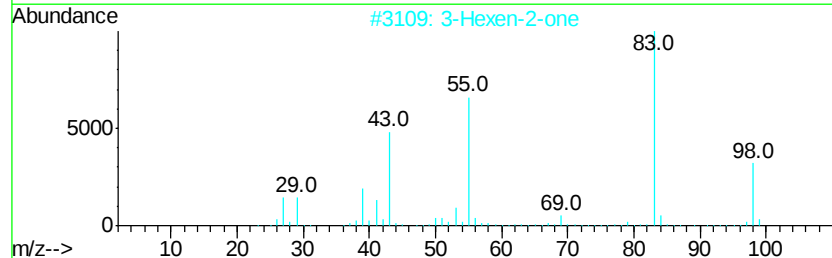
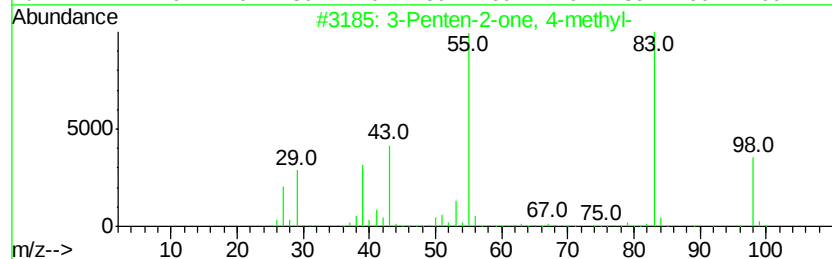
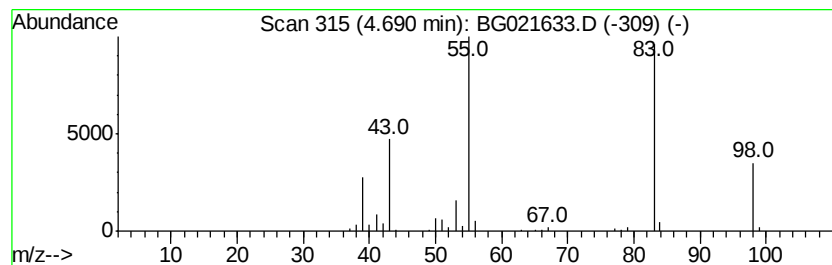
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	21.47 ng	189510	1,4-Dichlorobenzene-d4	8.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2			3-Hexen-2-one	98	C6H10O	000763-93-9	87
3			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
4			2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	72
5			2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	72



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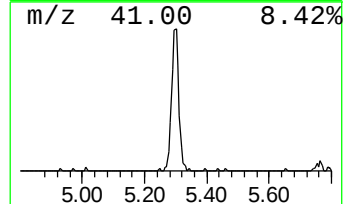
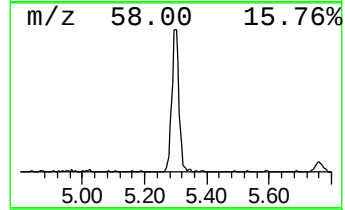
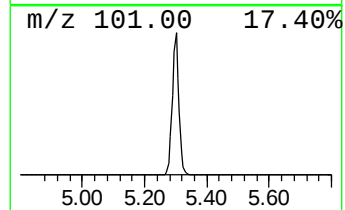
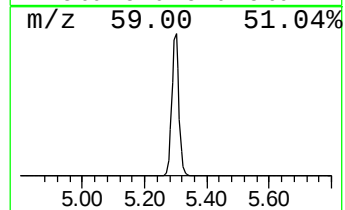
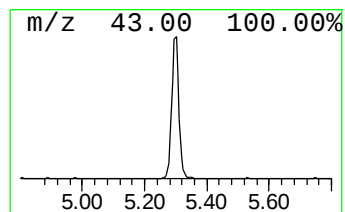
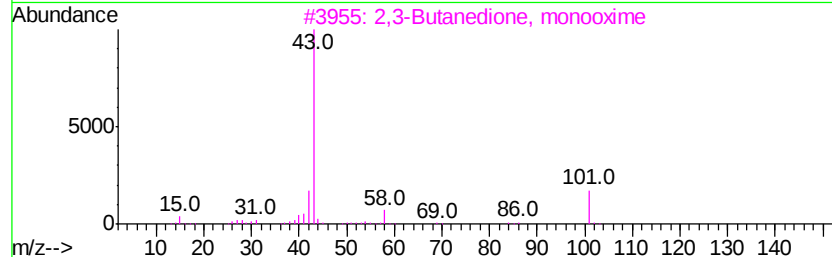
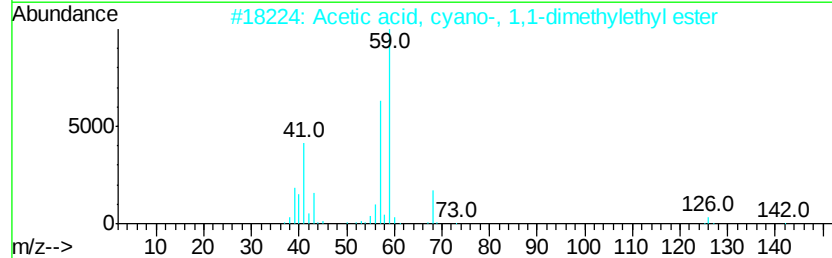
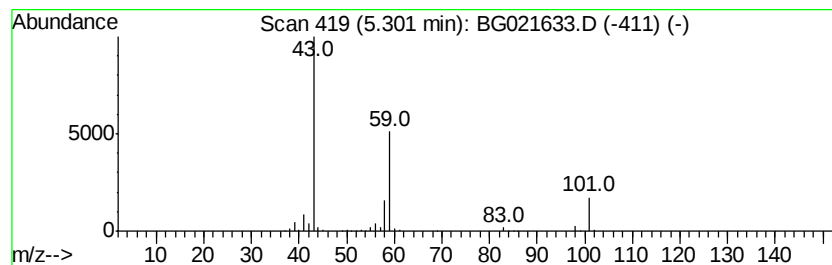
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.30	42.07 ng	371360	1,4-Dichlorobenzene-d4	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, cyano-, 1,1-dimethyl ester	141	C7H11NO2	001116-98-9	25
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4		1,2-Butanediol, (1+/-)-	90	C4H10O2	026171-83-5	9
5		N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	9



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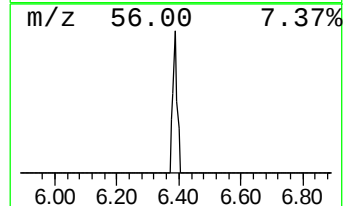
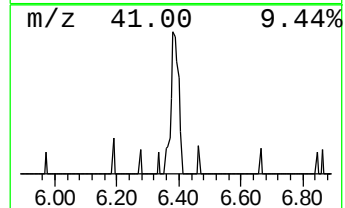
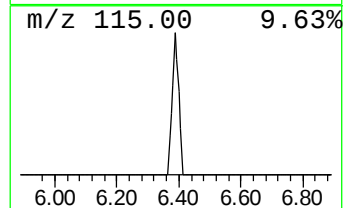
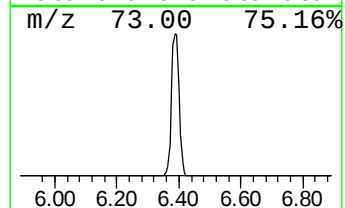
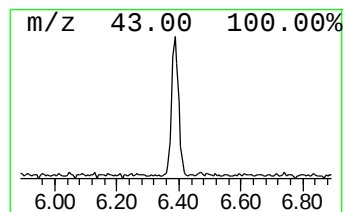
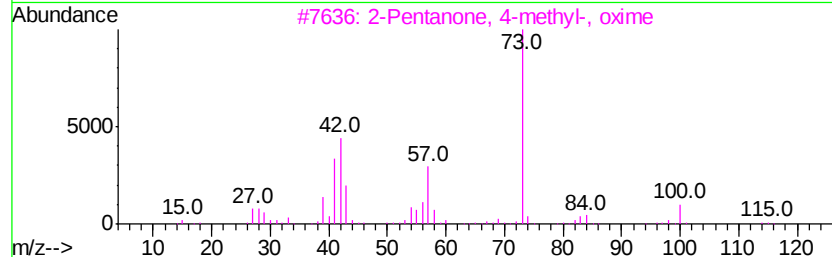
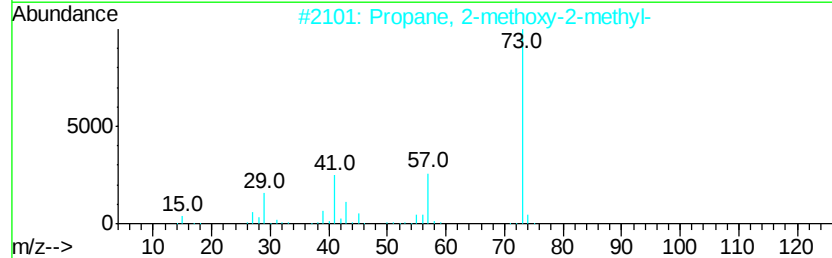
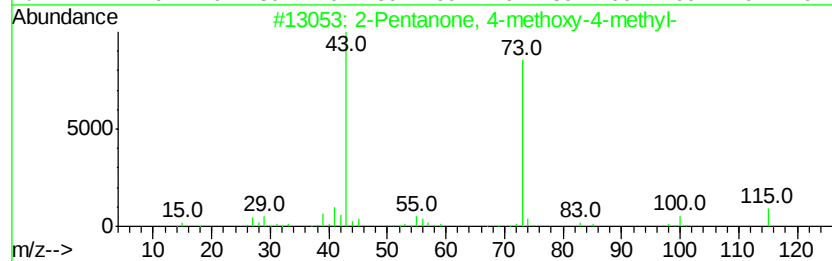
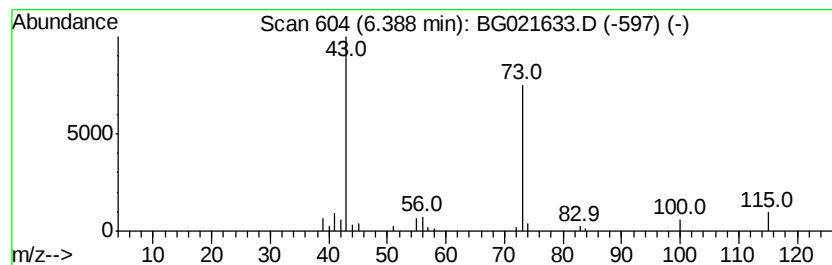
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Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	4.52 ng	39902	1,4-Dichlorobenzene-d4	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	23
3		2-Pentanone, 4-methyl-, oxime	115	C6H13NO	000105-44-2	23
4		2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	16
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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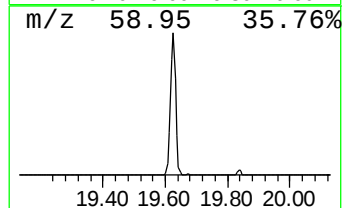
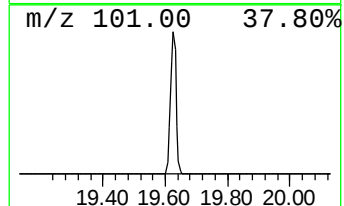
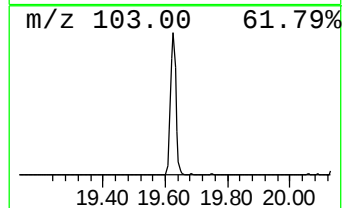
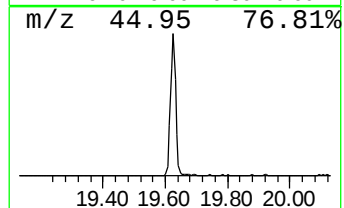
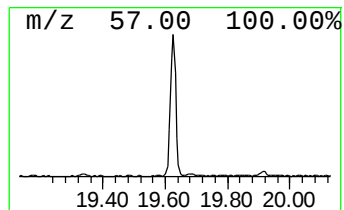
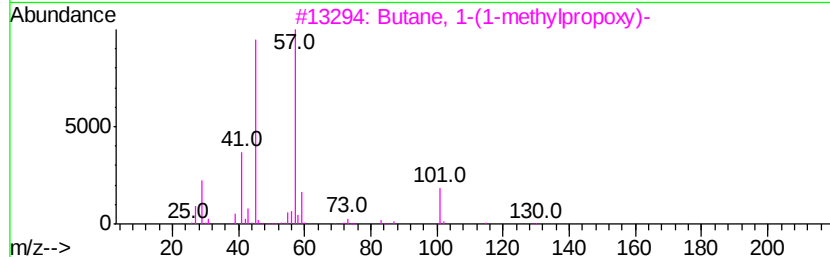
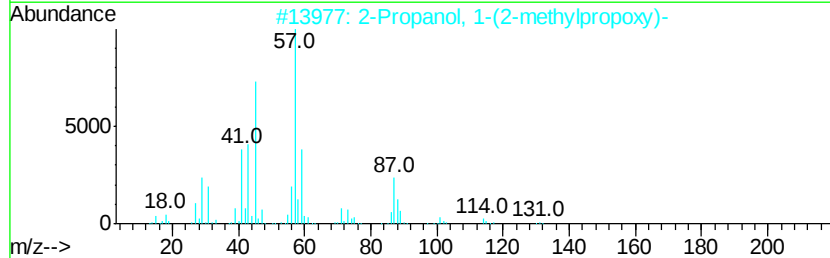
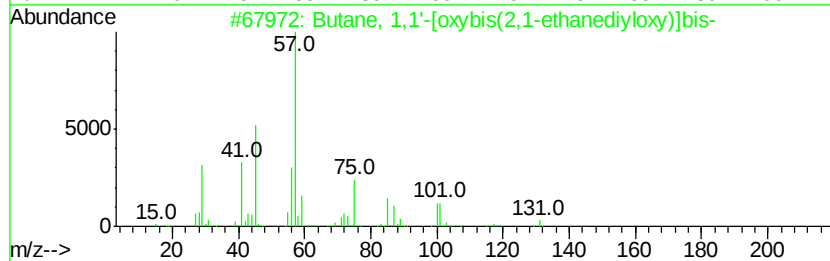
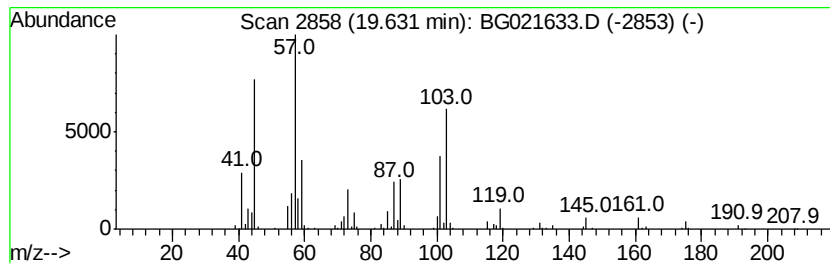
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Peak Number 6 unknown19.63 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	9.12 ng	239400	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	43
2		2-Propanol, 1-(2-methylpropoxy)-	132	C7H16O2	023436-19-3	38
3		Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	38
4		Butanoic acid, 4-methoxy-, methy...	132	C6H12O3	029006-01-7	38
5		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	37



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Penten-2-one, 4...	4.69	21.5	ng	189510	1	8.22	176562	20.0
2-Pentanone, 4-hy...	5.30	42.1	ng	371360	1	8.22	176562	20.0
2-Pentanone, 4-me...	6.39	4.5	ng	39902	1	8.22	176562	20.0
unknown19.63	19.63	9.1	ng	239400	4	17.56	525216	20.0