

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081015\
 Data File : BF080958.D
 Acq On : 10 Aug 2015 18:38
 Operator : TP/UM
 Sample : G3212-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

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_F\METHODS\8270-BF080715.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	2.144	3	5	7	rVB	3417836	4578575	100.00%	16.570%
2	4.316	192	195	200	rVB	58270	81700	1.78%	0.296%
3	4.978	249	253	263	rBV	1002056	1612158	35.21%	5.834%
4	5.390	286	289	292	rBV	1556975	1969963	43.03%	7.129%
5	5.801	323	325	327	rBV	34600	47444	1.04%	0.172%
6	6.430	376	380	382	rBV	1666782	2151072	46.98%	7.785%
7	6.556	388	391	393	rBV	2060303	2084004	45.52%	7.542%
8	6.784	409	411	414	rBV	706617	600552	13.12%	2.173%
9	6.944	422	425	427	rVB	1803683	1624412	35.48%	5.879%
10	7.356	457	461	463	rBV	1409814	1670630	36.49%	6.046%
11	8.064	521	523	526	rBV	628989	764889	16.71%	2.768%
12	9.150	614	618	620	rBV	2626604	2545028	55.59%	9.210%
13	9.825	674	677	679	rBV	783893	888551	19.41%	3.216%
14	10.613	742	746	748	rBV	1307209	1765790	38.57%	6.390%
15	11.299	803	806	808	rBV	1117234	960452	20.98%	3.476%
16	11.836	851	853	855	rBV	122176	121433	2.65%	0.439%
17	12.888	942	945	947	rBV	2501132	2597574	56.73%	9.400%
18	13.928	1033	1036	1038	rBV	767225	868143	18.96%	3.142%
19	15.322	1155	1158	1161	rBV	593439	700120	15.29%	2.534%

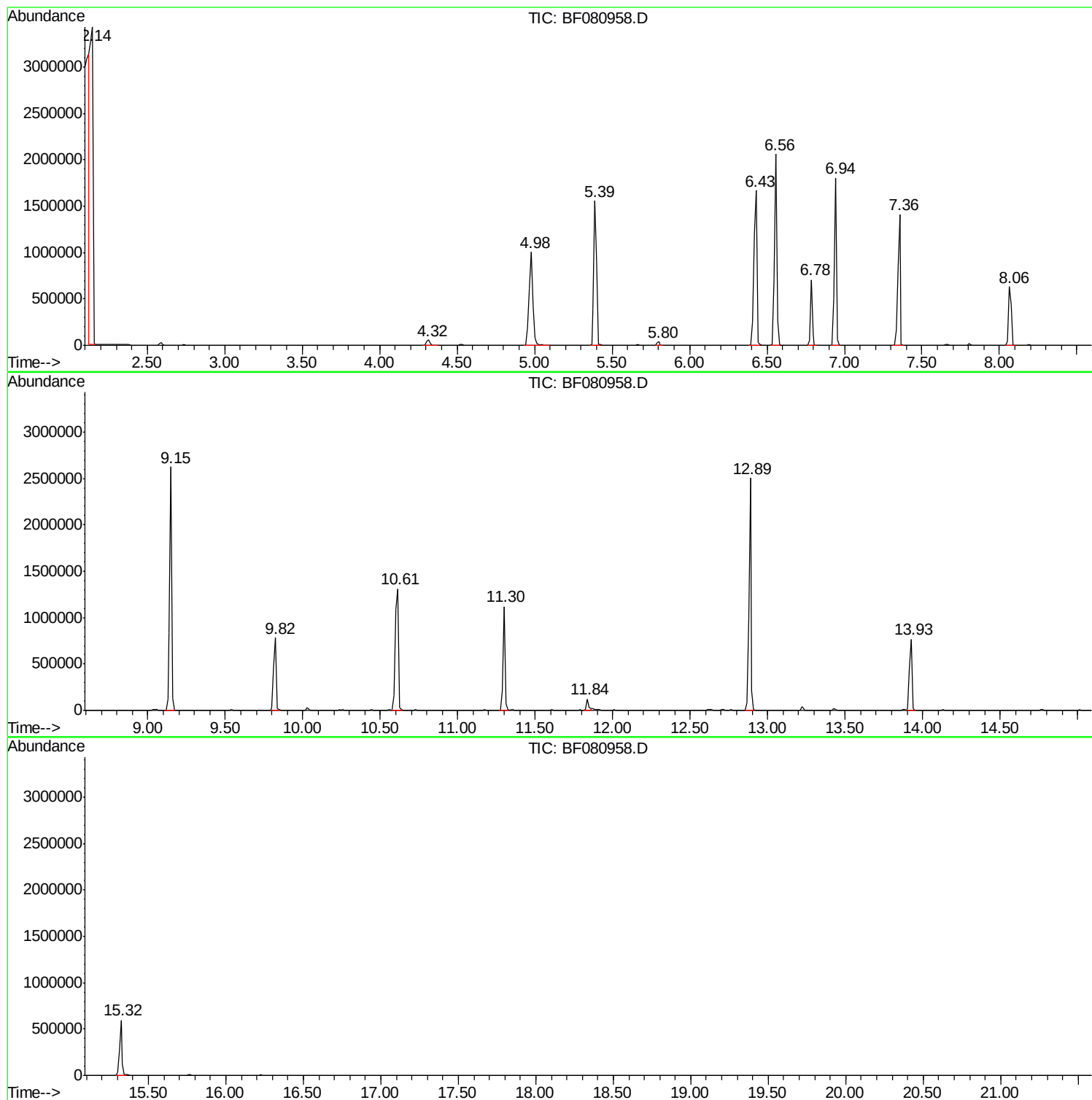
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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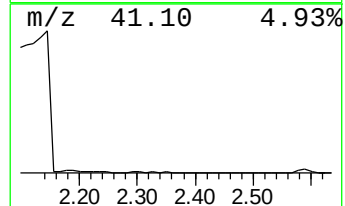
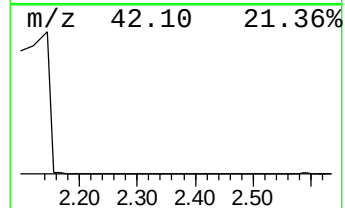
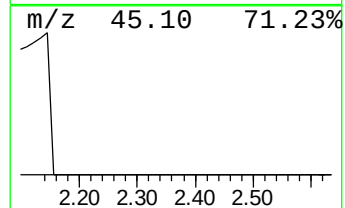
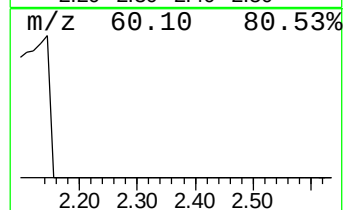
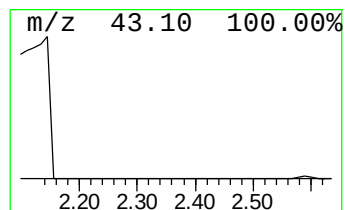
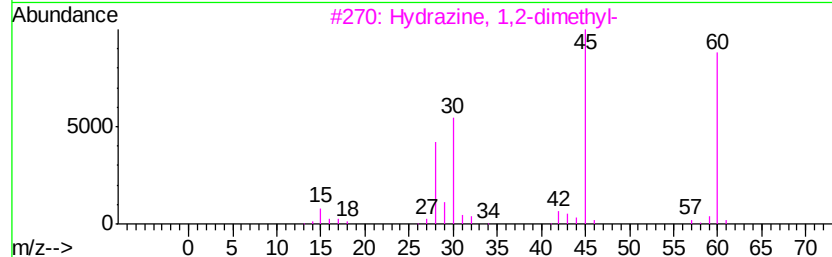
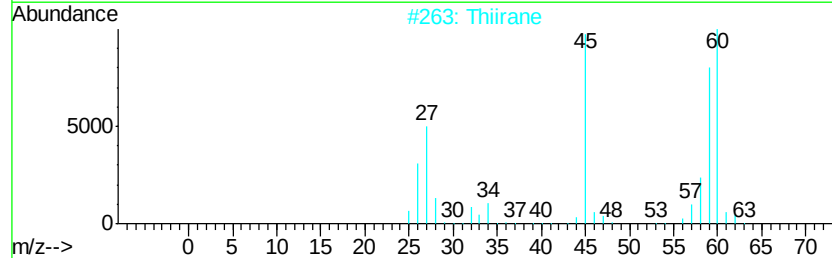
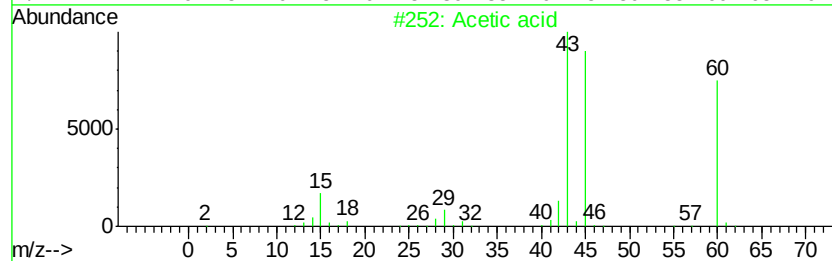
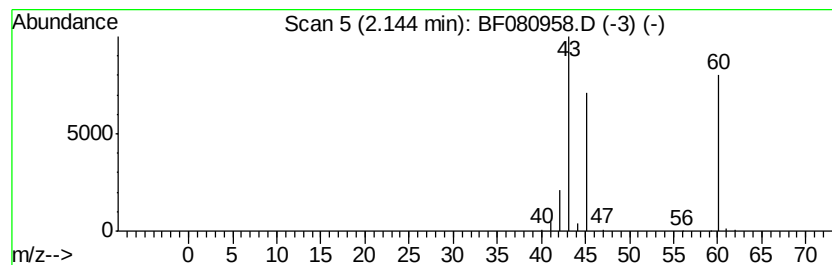
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Acetic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	152.48 ng	4578580	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid	60	C2H4O2	000064-19-7	80
2		Thiirane	60	C2H4S	000420-12-2	9
3		Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
4		Acetic acid, anhydride with form...	88	C3H4O3	002258-42-6	9
5		Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	7



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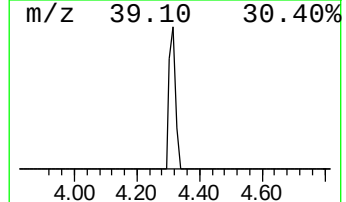
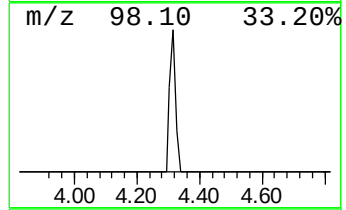
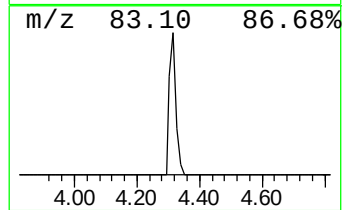
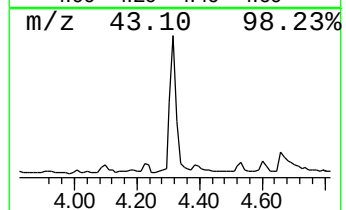
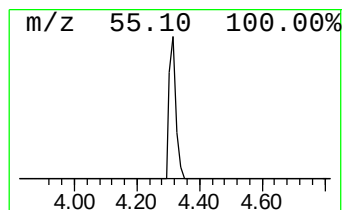
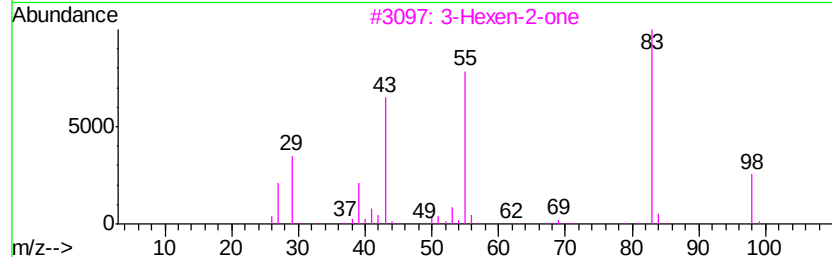
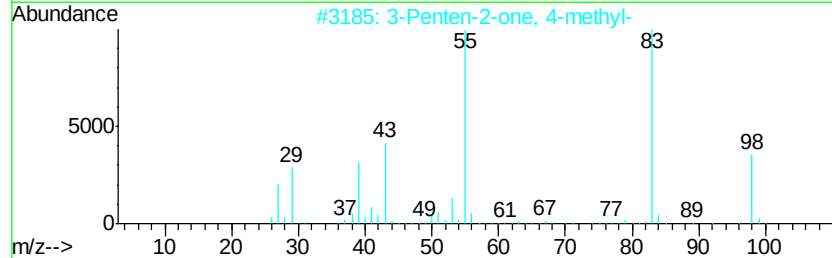
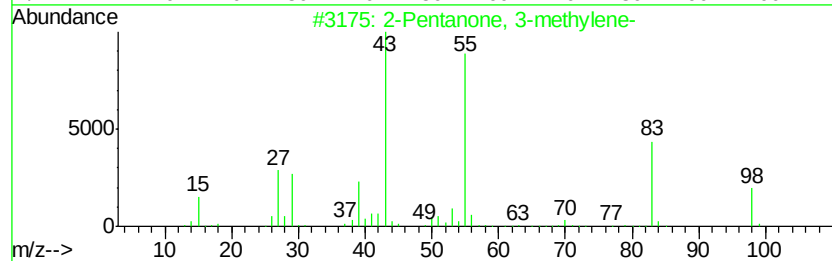
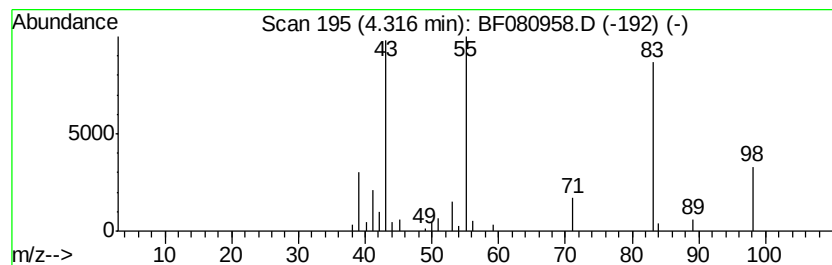
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Peak Number 2 2-Pentanone, 3-methylene- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	2.72 ng	81700	1,4-Dichlorobenzene-d4	6.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	78
2			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	72
3			3-Hexen-2-one	98	C6H10O	000763-93-9	72
4			Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	59
5			2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	59



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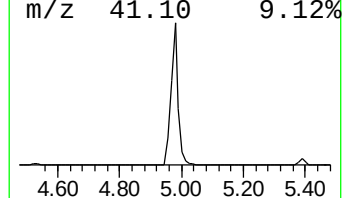
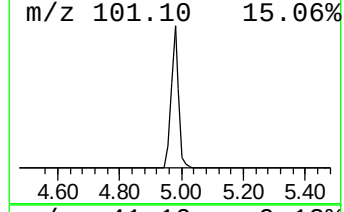
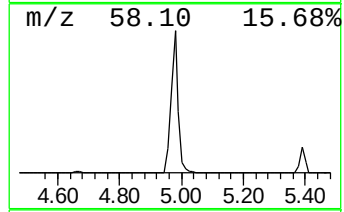
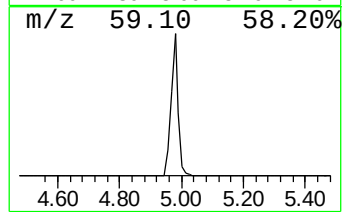
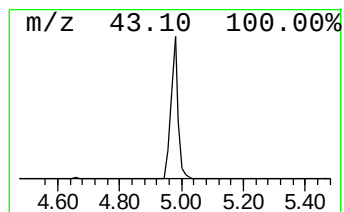
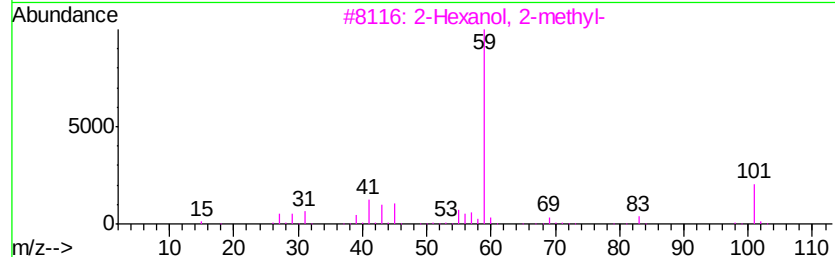
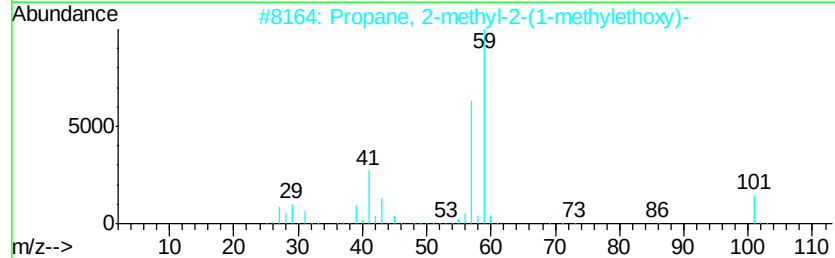
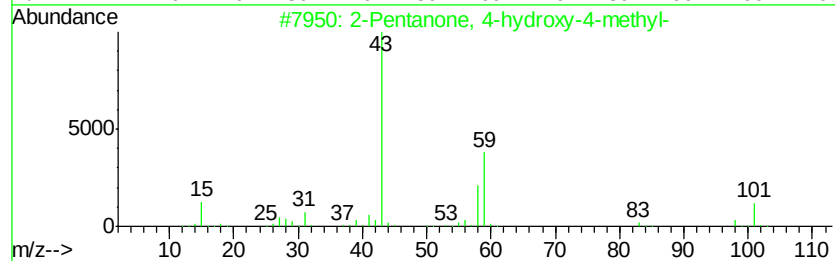
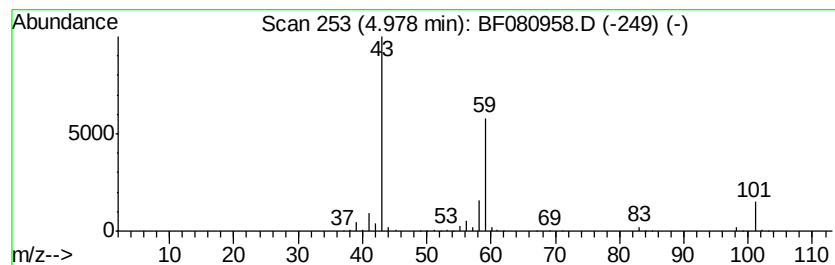
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	53.69 ng	1612160	1,4-Dichlorobenzene-d4	6.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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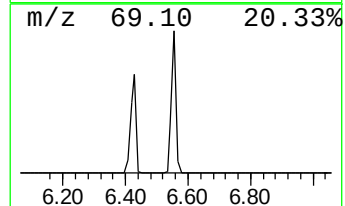
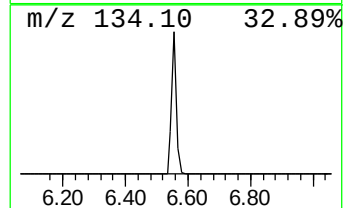
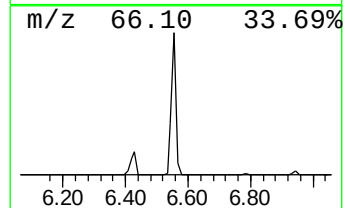
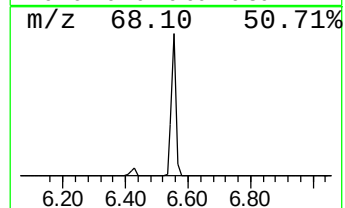
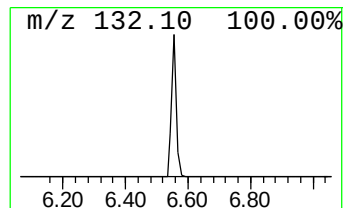
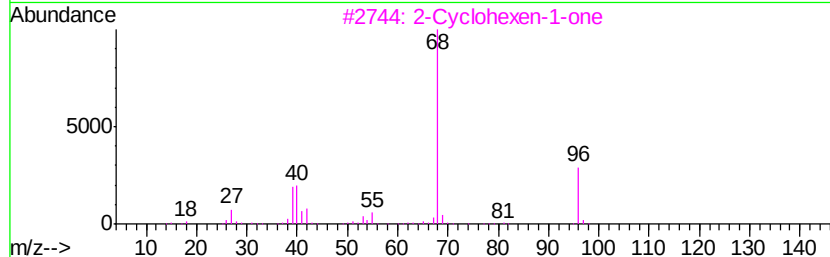
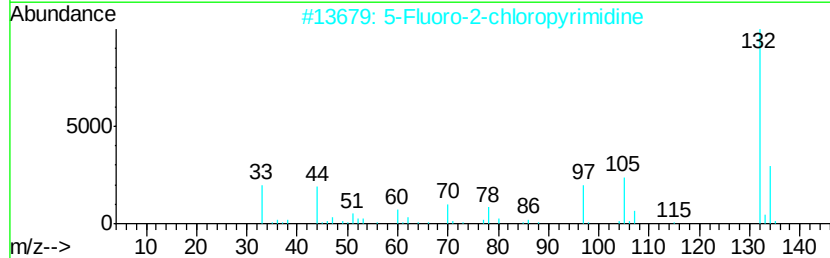
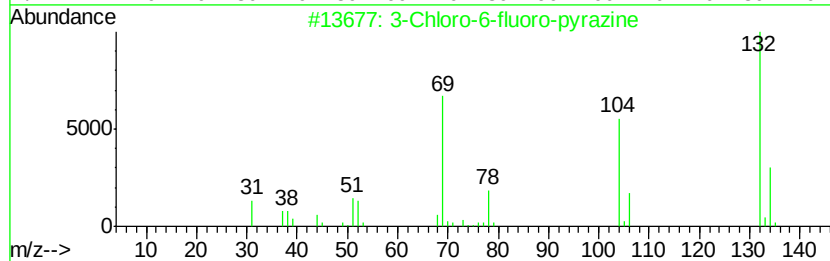
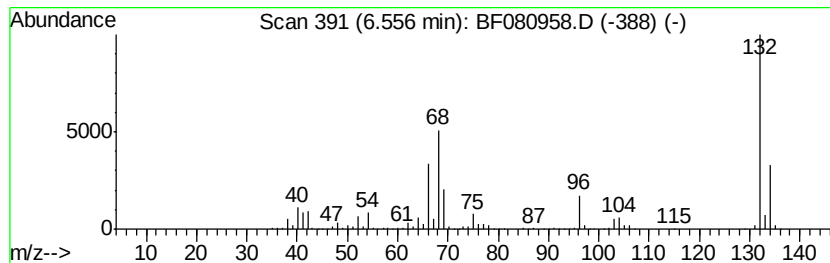
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Peak Number 4 unknown6.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	69.40 ng	2084000	1,4-Dichlorobenzene-d4	6.78

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	16
3		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4		Tranlylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



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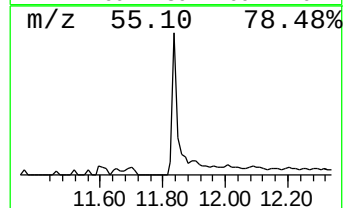
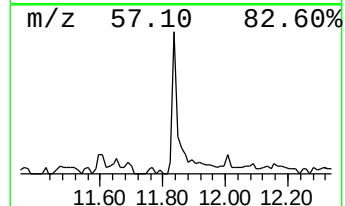
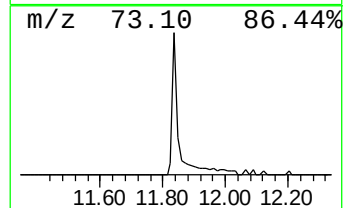
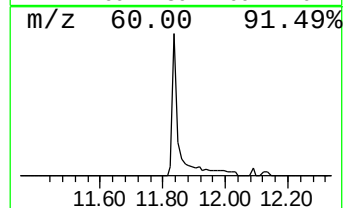
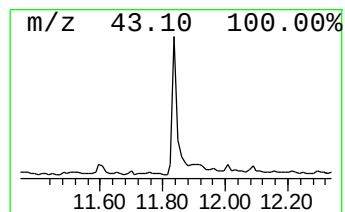
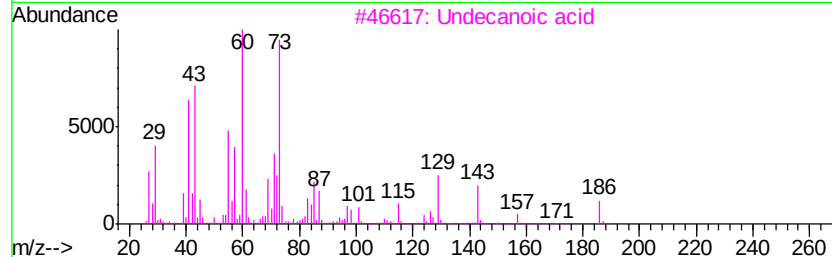
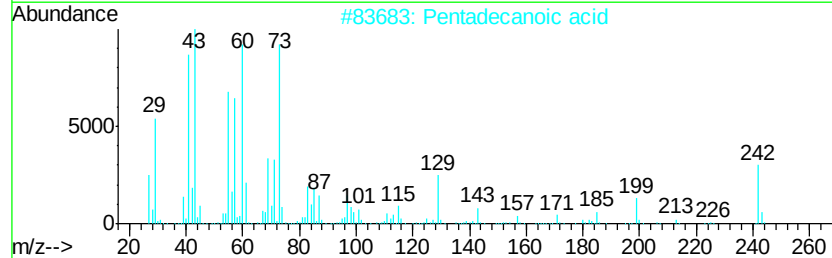
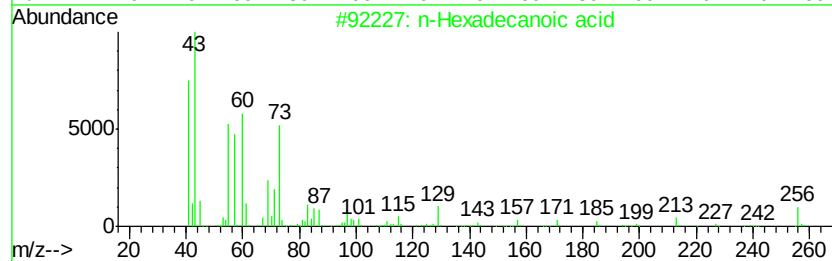
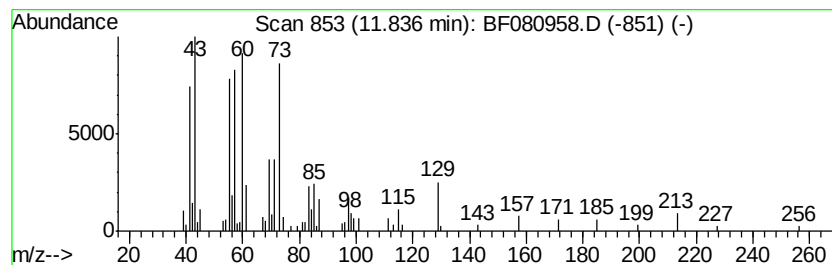
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.84	2.53 ng	121433	Phenanthrene-d10		11.30
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Undecanoic acid	186	C11H22O2	000112-37-8	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetic acid	2.14	152.5	ng	4578580	1	6.78	600552	20.0
2-Pentanone, 3-me...	4.32	2.7	ng	81700	1	6.78	600552	20.0
2-Pentanone, 4-hy...	4.98	53.7	ng	1612160	1	6.78	600552	20.0
unknown6.56	6.56	69.4	ng	2084000	1	6.78	600552	20.0
n-Hexadecanoic acid	11.84	2.5	ng	121433	4	11.30	960452	20.0