

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
 Data File : BM032398.D
 Acq On : 08 Oct 2021 18:05
 Operator : CG/JU
 Sample : M4104-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 55TH-ST-33

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_M\Methods\8270-BM100221.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM032398.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.690	311	315	326	rVB	330905	444532	2.86%	0.644%
2	5.190	394	400	407	rBV	1700556	2453232	15.81%	3.555%
3	6.801	667	674	688	rBV	1080508	1620194	10.44%	2.348%
4	7.613	802	812	822	rBV	1355896	2091506	13.48%	3.031%
5	8.766	1001	1008	1018	rBV	3271024	5368780	34.60%	7.780%
6	9.966	1205	1212	1217	rBV	139619	268226	1.73%	0.389%
7	10.178	1230	1248	1252	rBV3	232573	652867	4.21%	0.946%
8	10.225	1252	1256	1260	rVB	108164	164897	1.06%	0.239%
9	10.283	1260	1266	1270	rBV3	193146	400042	2.58%	0.580%
10	10.401	1278	1286	1294	rVB	1860599	3078879	19.84%	4.462%
11	12.877	1700	1707	1721	rBV	7696861	11998408	77.33%	17.388%
12	14.260	1936	1942	1961	rVB	2853311	4151793	26.76%	6.017%
13	15.748	2188	2195	2203	rBV	4283920	6083196	39.20%	8.816%
14	16.989	2399	2406	2418	rBV	3425007	4737765	30.53%	6.866%
15	17.883	2552	2558	2565	rBV	194182	349713	2.25%	0.507%
16	19.606	2845	2851	2856	rBV	11659199	15516422	100.00%	22.486%
17	20.859	3060	3064	3071	rBV3	191958	286337	1.85%	0.415%
18	21.153	3109	3114	3119	rBV	4261509	4991981	32.17%	7.234%
19	23.294	3472	3478	3489	rVB2	2432429	4345825	28.01%	6.298%

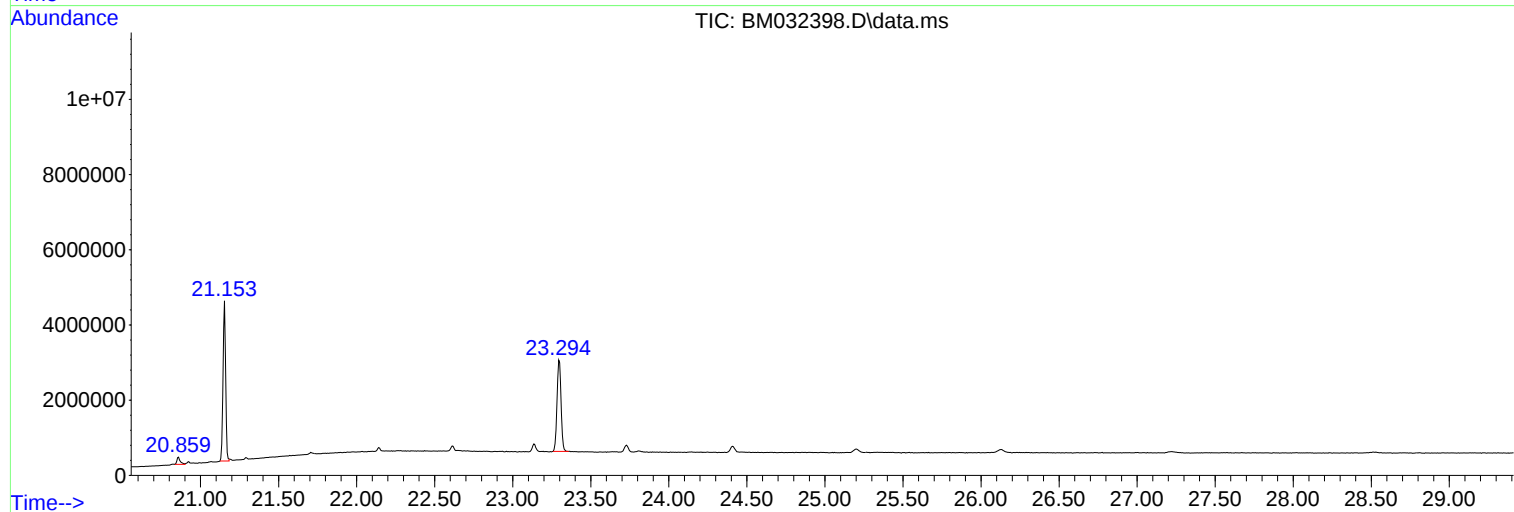
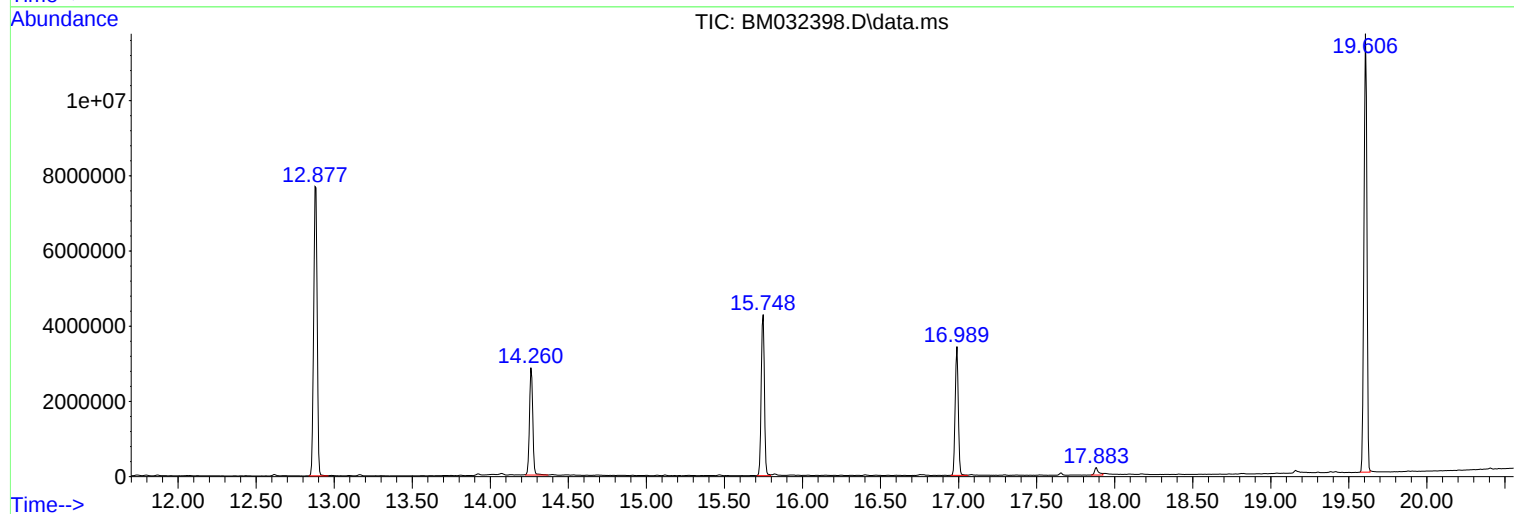
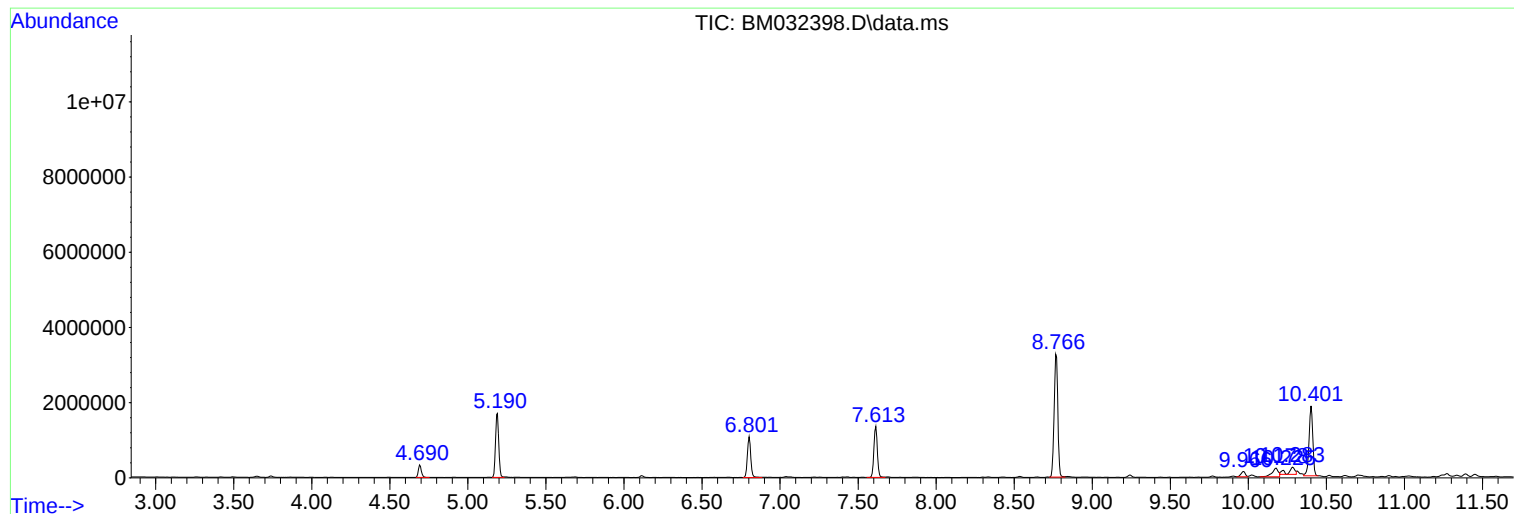
Sum of corrected areas: 69004595

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.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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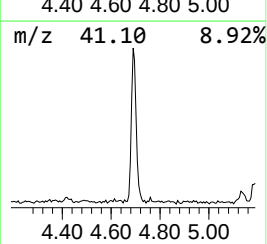
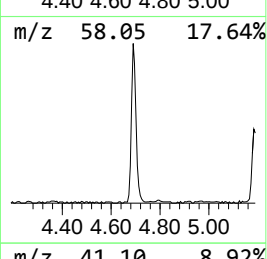
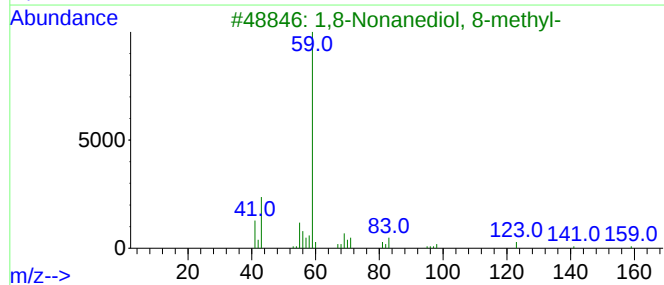
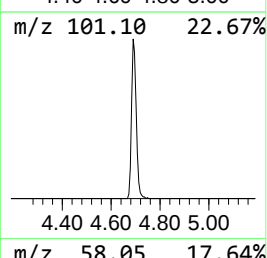
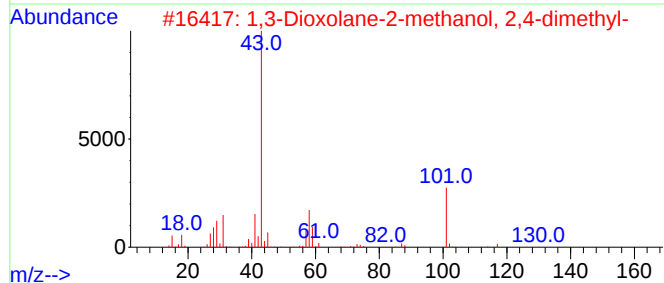
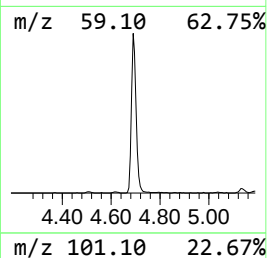
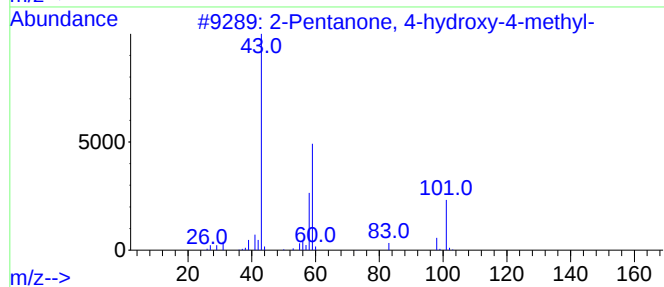
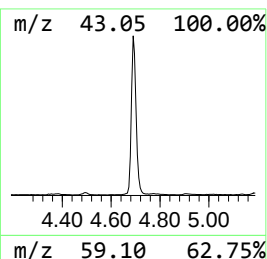
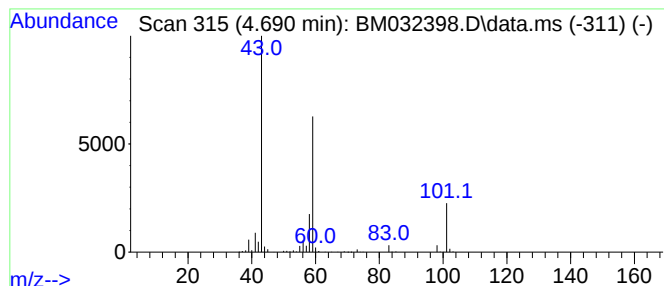
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
4.690	4.25 ng	444532	1,4-Dichlorobenzene-d4			7.613

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2		000123-42-2	72
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3		053951-43-2	28
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2		054725-73-4	25
4	Tetraglyme	222	C10H22O5		000143-24-8	25
5	1,2-Butanediol	90	C4H10O2		000584-03-2	23



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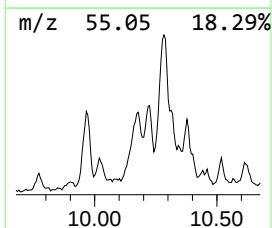
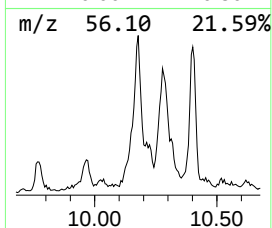
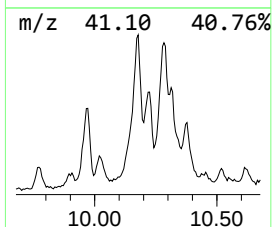
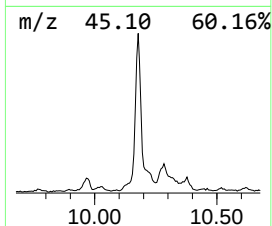
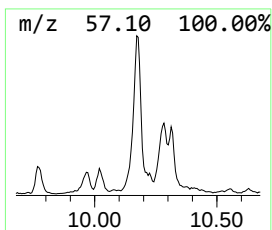
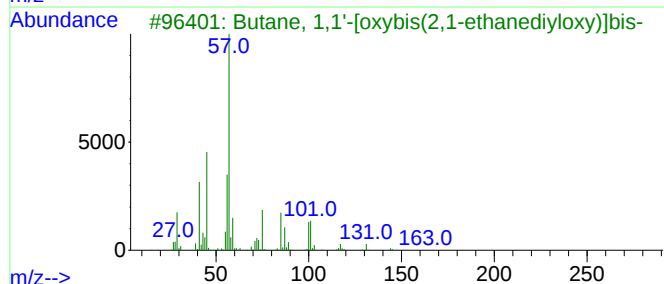
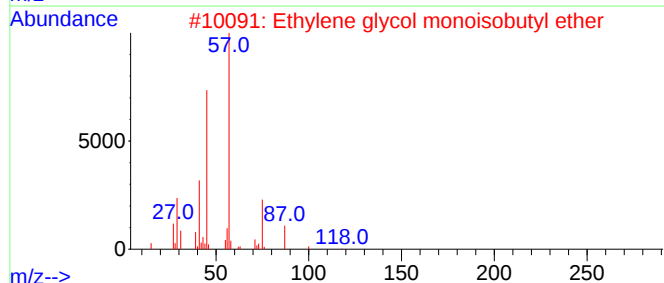
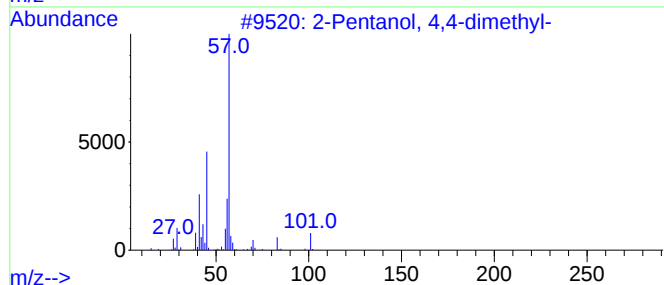
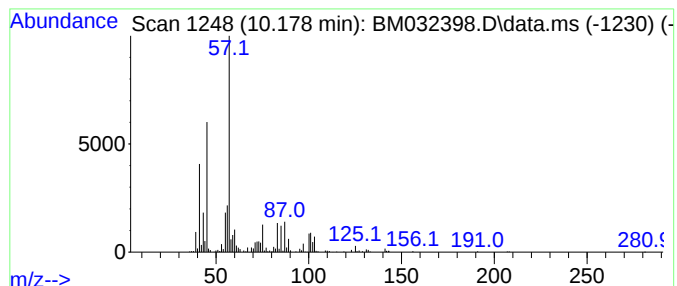
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Peak Number 2 2-Pentanol, 4,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.178	4.24 ng	652867	Naphthalene-d8	10.401

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanol, 4,4-dimethyl-	116	C7H16O	006144-93-0	50
2			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	47
3			Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	47
4			Carbonic acid, bis(1-methylpropy...	174	C9H18O3	000623-63-2	47
5			Butane, 1-(2-methoxyethoxy)-	132	C7H16O2	013343-98-1	43



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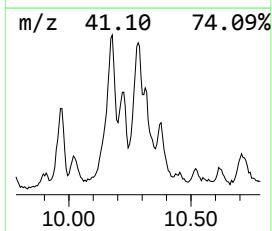
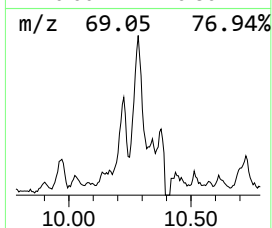
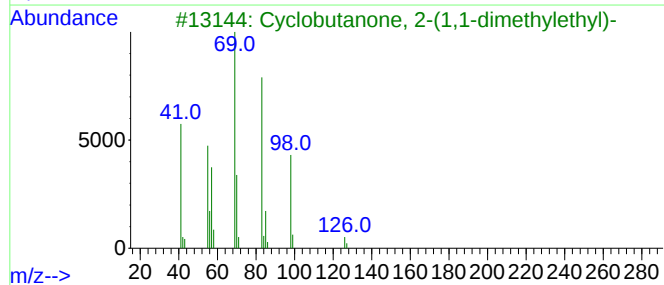
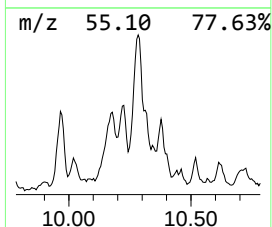
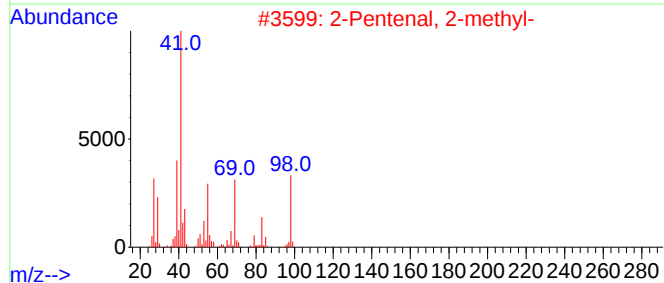
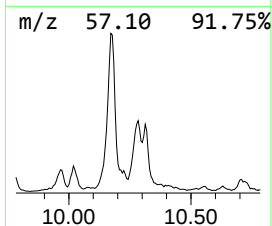
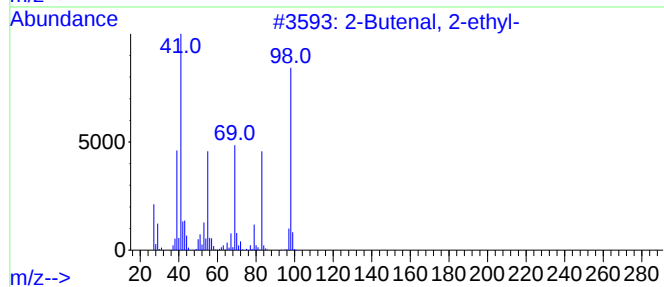
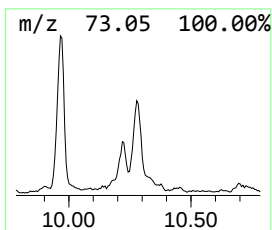
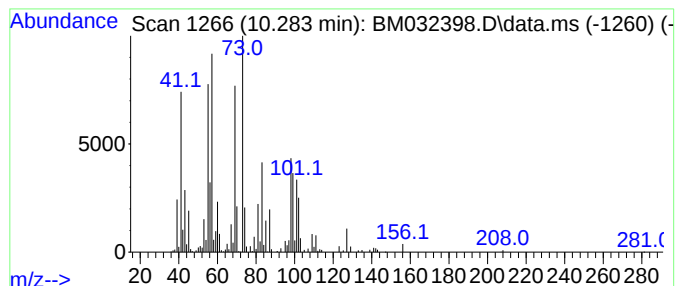
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Peak Number 3 unknown10.284 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.284	2.60 ng	400042	Naphthalene-d8	10.401

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 2-ethyl-			98	C6H10O	019780-25-7	49
2	2-Pentenal, 2-methyl-			98	C6H10O	000623-36-9	45
3	Cyclobutanone, 2-(1,1-dimethylet...			126	C8H14O	004579-31-1	43
4	2-Pentene, 3-ethyl-			98	C7H14	000816-79-5	41
5	4-Nonanol, 2-methyl-			158	C10H22O	026533-31-3	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.690	4.3	ng	444532	1	7.613	2091510	20.0
2-Pentanol, 4,4-...	10.178	4.2	ng	652867	2	10.401	3078880	20.0
unknown10.284	10.284	2.6	ng	400042	2	10.401	3078880	20.0