

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
 Data File : BG035242.D
 Acq On : 19 Jun 2018 7:30
 Operator : SJ/JU
 Sample : J3551-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOIL

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-BG060718.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	3.982	112	118	126	rVB2	71772	106122	1.98%	0.463%
2	4.581	214	220	232	rBV	399036	590878	11.02%	2.576%
3	4.704	235	241	246	rBV2	54970	99760	1.86%	0.435%
4	5.174	315	321	328	rVB	51138	81394	1.52%	0.355%
5	5.638	393	400	411	rBV	1067875	1682186	31.37%	7.335%
6	7.219	657	669	681	rBV	941970	1760799	32.84%	7.678%
7	7.595	725	733	742	rBV	1109968	1875024	34.97%	8.176%
8	8.065	806	813	822	rVB	190743	322724	6.02%	1.407%
9	8.388	858	868	878	rBV	794759	1440958	26.88%	6.283%
10	9.222	1002	1010	1020	rBV	677197	1247024	23.26%	5.437%
11	10.867	1282	1290	1296	rBV	219732	395262	7.37%	1.723%
12	13.305	1698	1705	1713	rBV	1854820	2974605	55.48%	12.970%
13	14.679	1933	1939	1947	rBV2	319245	523714	9.77%	2.284%
14	16.165	2185	2192	2203	rBV	1703243	2643118	49.30%	11.525%
15	17.423	2400	2406	2416	rBV	514279	813277	15.17%	3.546%
16	20.031	2844	2850	2868	rBV	3753455	5361676	100.00%	23.378%
17	21.693	3125	3133	3143	rBV	454968	794094	14.81%	3.462%
18	24.918	3674	3682	3693	rBV3	63627	221841	4.14%	0.967%

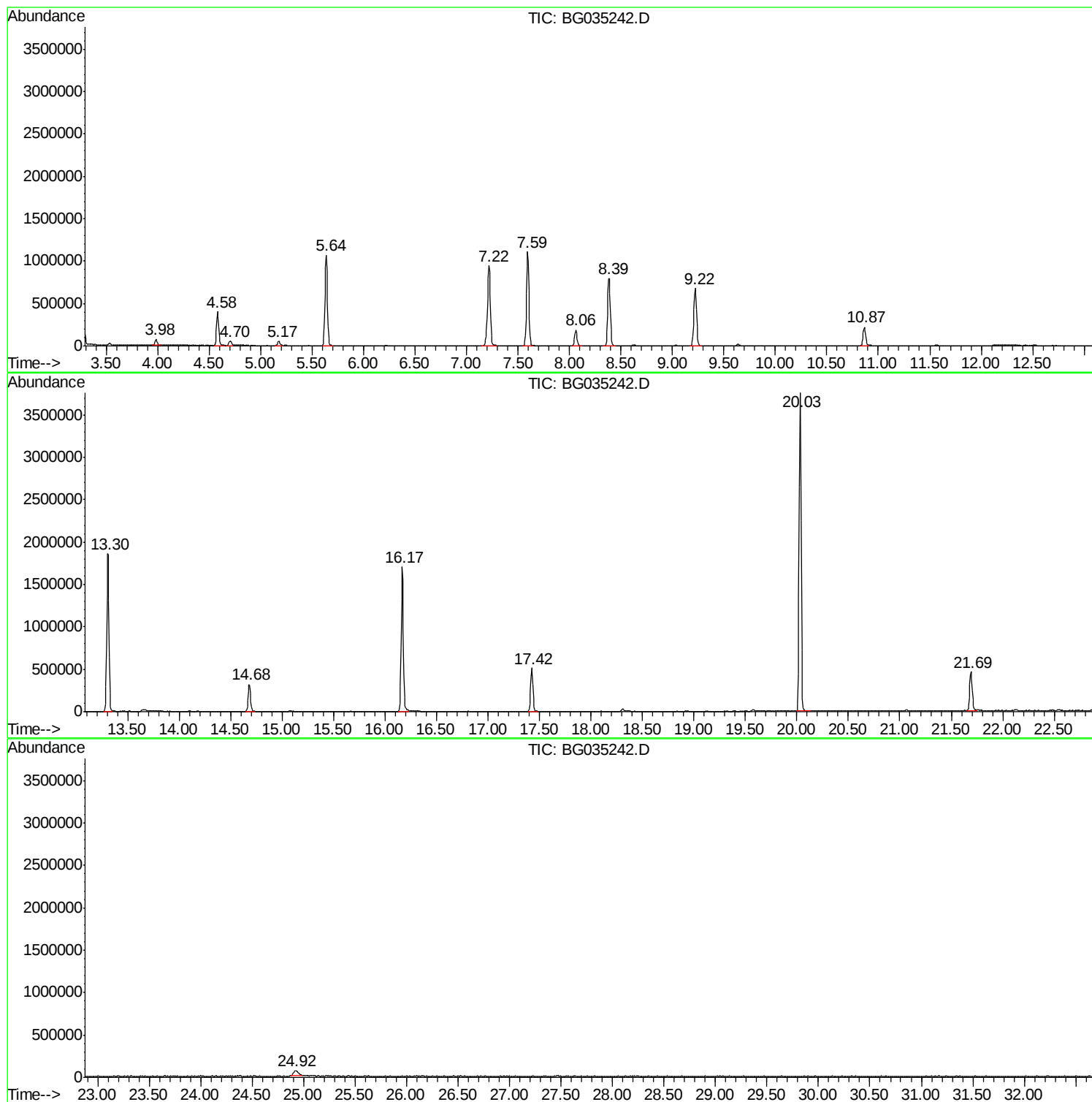
Sum of corrected areas: 22934456

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.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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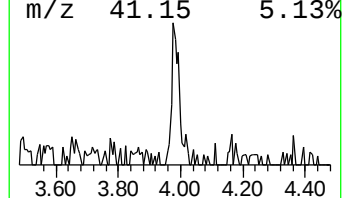
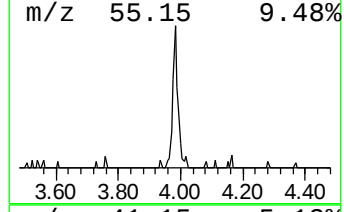
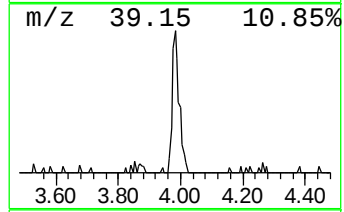
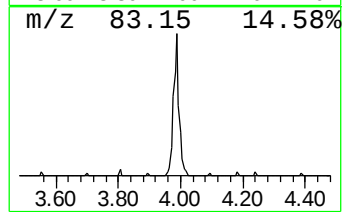
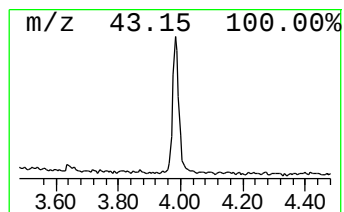
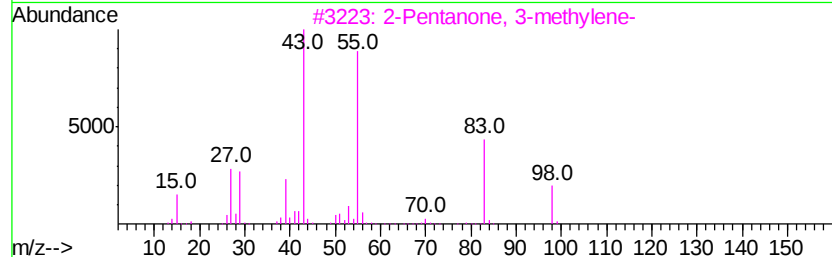
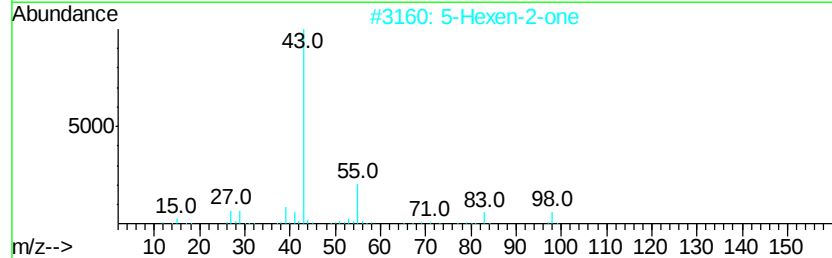
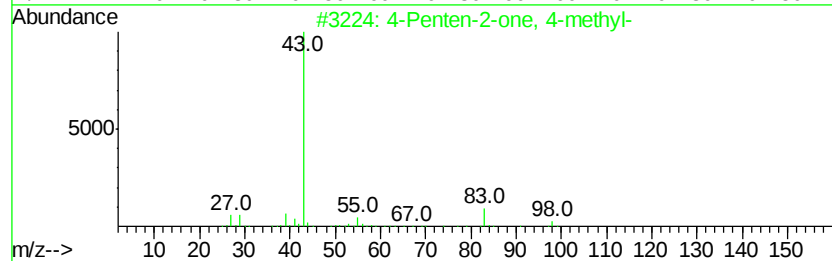
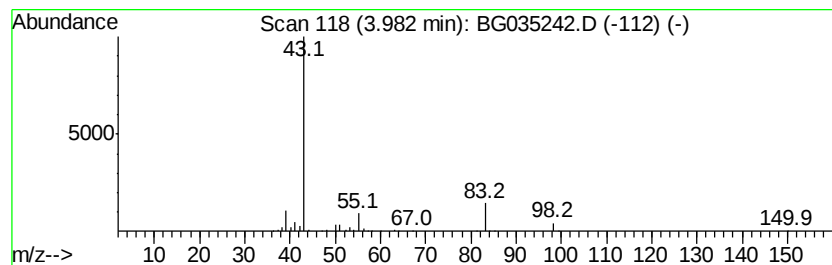
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.98	6.58 ng	106122	1,4-Dichlorobenzene-d4	8.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	52
2			5-Hexen-2-one	98	C6H10O	000109-49-9	43
3			2-Pentanone, 3-methyl-	98	C6H10O	004359-77-7	9
4			2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	9
5			3-Hexene-2,5-diol	116	C6H12O2	007319-23-5	9



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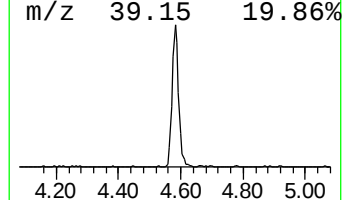
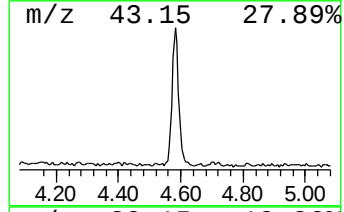
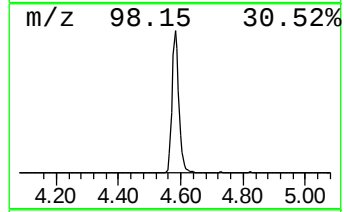
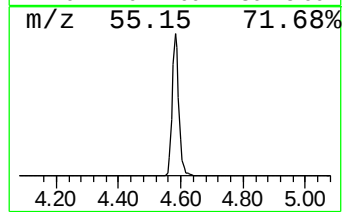
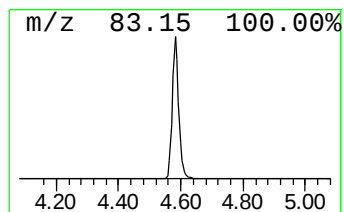
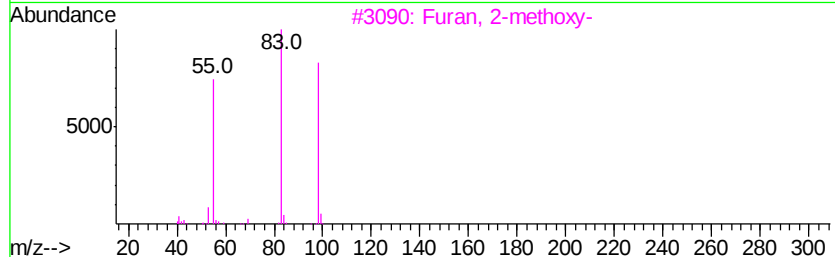
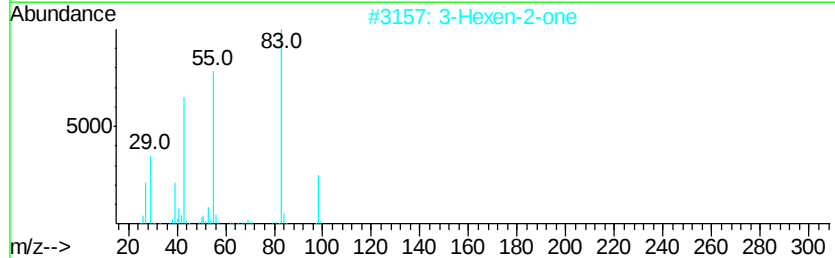
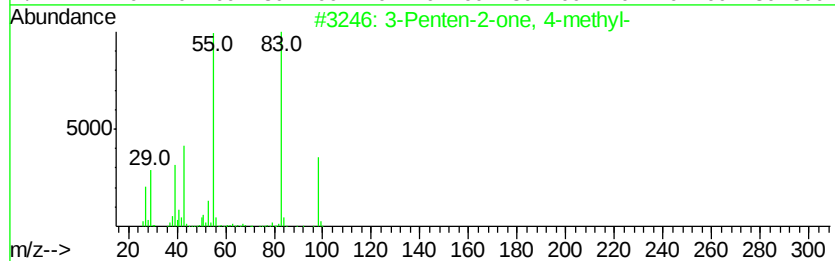
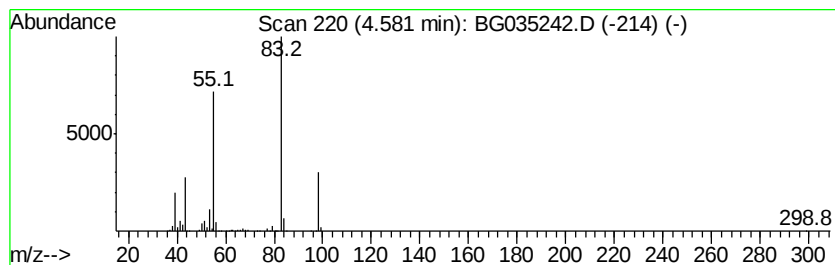
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Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	36.62 ng	590878	1,4-Dichlorobenzene-d4	8.06

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	91
3			Furan, 2-methoxy-	98	C5H6O2	025414-22-6	86
4			Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	80
5			2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	80



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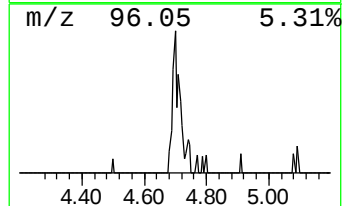
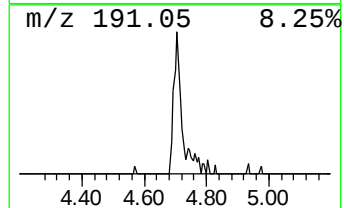
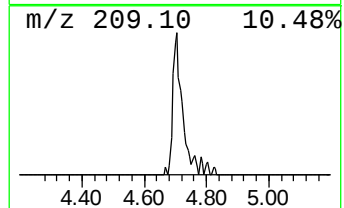
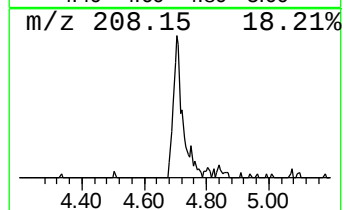
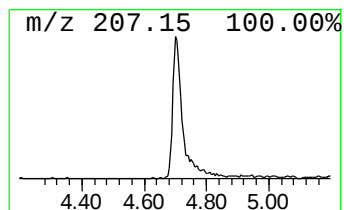
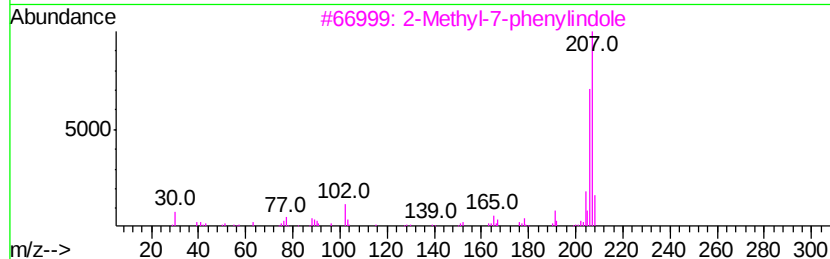
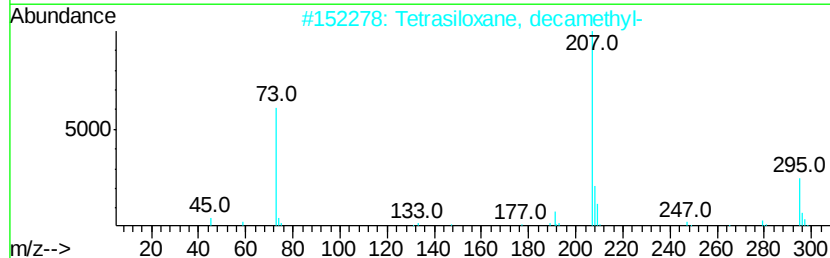
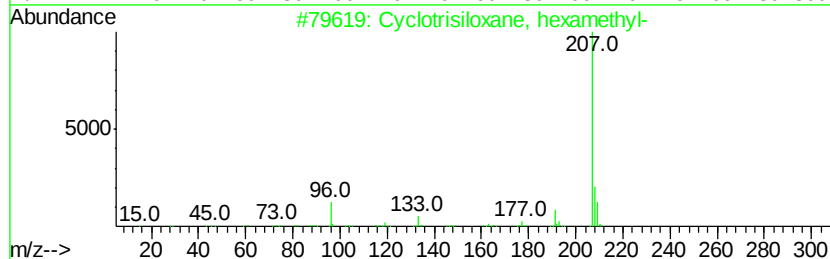
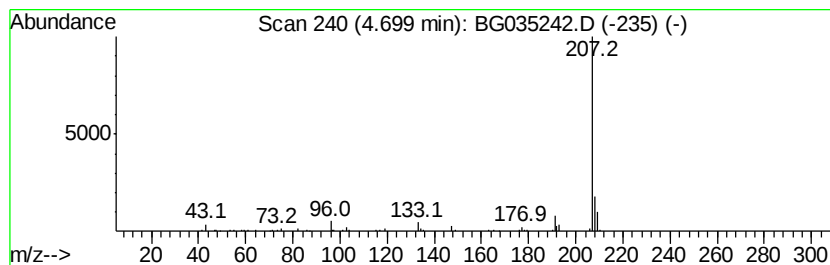
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Peak Number 3 Cyclotrisiloxane, hexamethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	6.18 ng	99760	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	86
2		Tetrasiloxane, decamethyl-	310	C10H30O3Si4	000141-62-8	78
3		2-Methyl-7-phenylindole	207	C15H13N	001140-08-5	72
4		Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	72
5		Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	64



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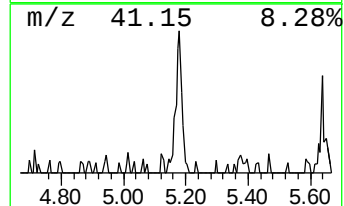
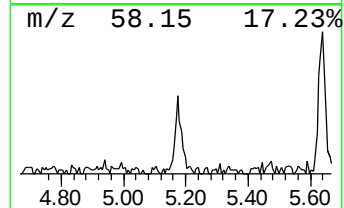
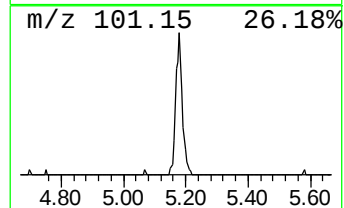
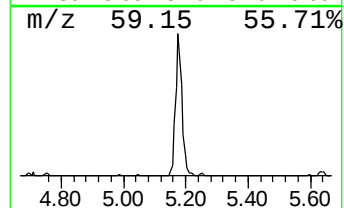
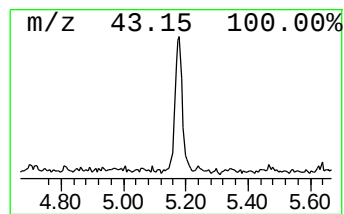
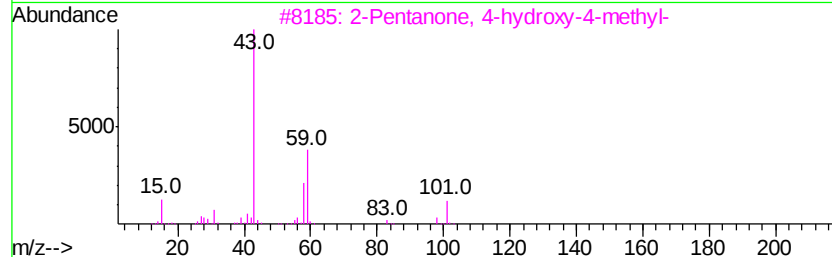
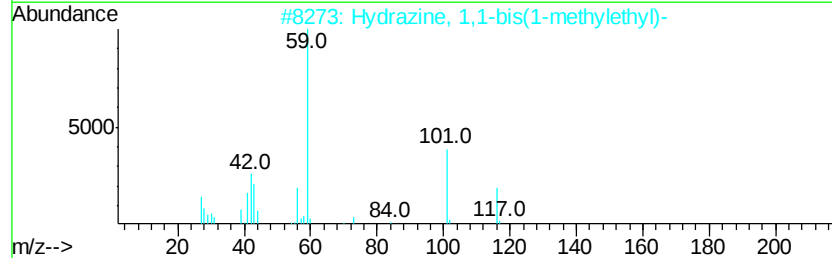
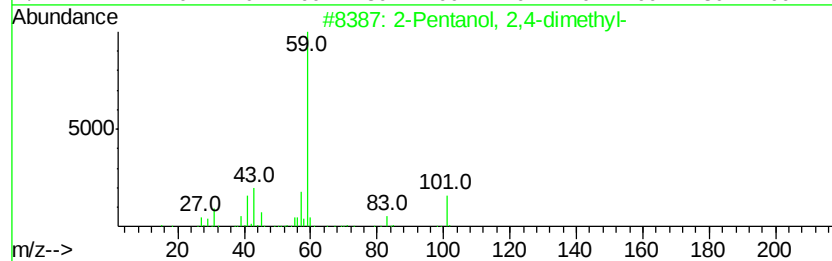
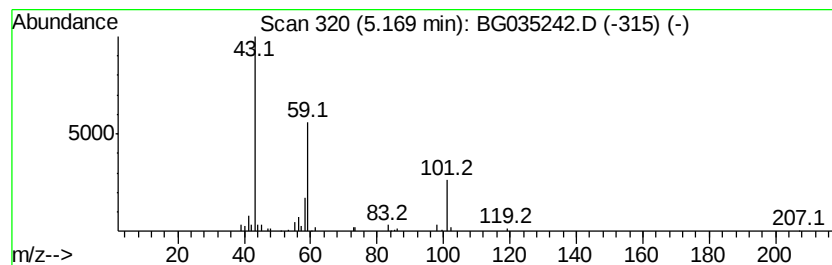
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Peak Number 4 2-Pentanol, 2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	5.04 ng	81394	1,4-Dichlorobenzene-d4	8.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	59
2			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	40
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4			Dimethadione	129	C5H7NO3	000695-53-4	38
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	37



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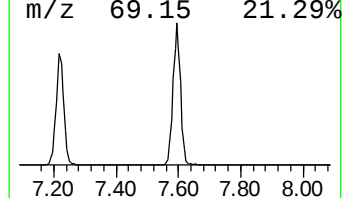
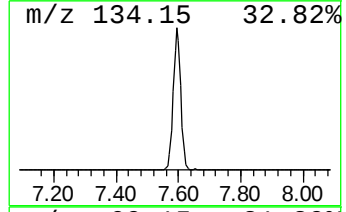
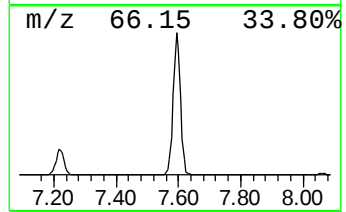
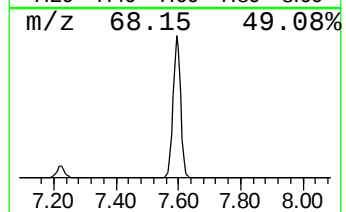
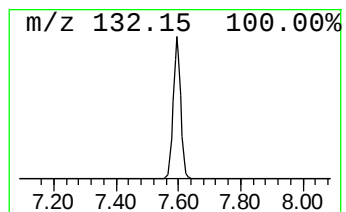
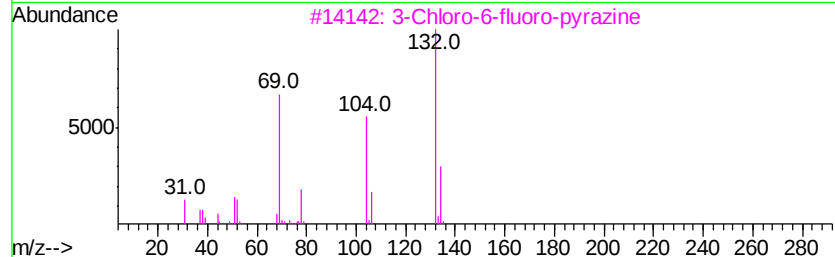
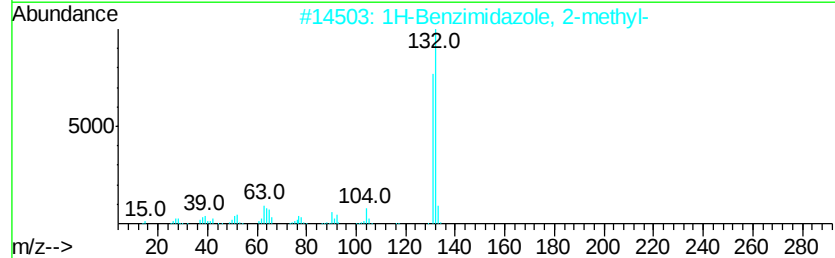
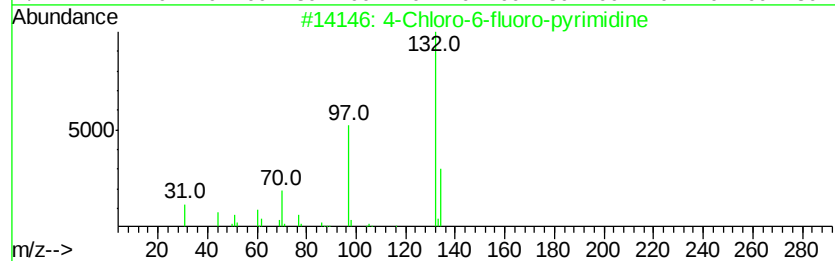
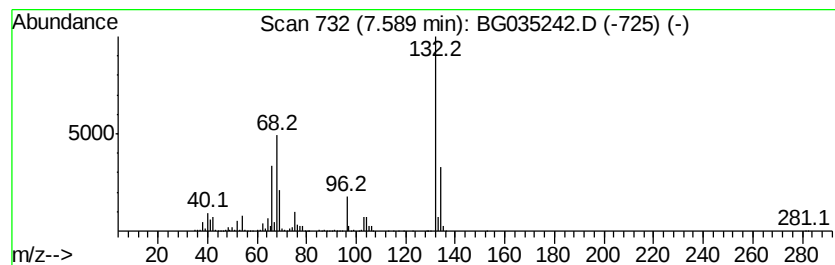
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Peak Number 5 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	116.20 ng	1875020	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	14
5		5-Aminoindole	132	C8H8N2	005192-03-0	12



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4-Penten-2-one, 4...	3.98	6.6	ng	106122	1	8.06	322724	20.0
3-Penten-2-one, 4...	4.58	36.6	ng	590878	1	8.06	322724	20.0
Cyclotrisiloxane, ...	4.70	6.2	ng	99760	1	8.06	322724	20.0
2-Pentanol, 2,4-d...	5.17	5.0	ng	81394	1	8.06	322724	20.0
unknown7.59	7.59	116.2	ng	1875020	1	8.06	322724	20.0