

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\
 Data File : BM016200.D
 Acq On : 06 Aug 2018 20:34
 Operator : SJ/JU
 Sample : J4333-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-3

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_M\METHODS\8270-BM072318.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	5.216	323	328	338	rBV	97575	146381	12.58%	1.388%
2	5.693	403	409	420	rBV	661756	1012438	87.00%	9.599%
3	7.334	681	688	702	rBV	663153	1081736	92.96%	10.256%
4	7.698	744	750	766	rBV	713472	1163684	100.00%	11.033%
5	8.169	825	830	838	rBV	154995	254467	21.87%	2.413%
6	8.492	879	885	897	rBB	531670	848460	72.91%	8.044%
7	9.357	1026	1032	1046	rBV	392725	660822	56.79%	6.265%
8	10.986	1303	1309	1325	rBB	180425	306861	26.37%	2.909%
9	13.422	1717	1723	1732	rVB	746972	1036231	89.05%	9.825%
10	14.251	1859	1864	1872	rBB	73021	100738	8.66%	0.955%
11	14.804	1952	1958	1966	rBB2	227456	353371	30.37%	3.350%
12	16.286	2204	2210	2223	rVB	705791	952409	81.84%	9.030%
13	17.533	2417	2422	2433	rBV	290371	404111	34.73%	3.831%
14	18.380	2561	2566	2574	rBV	89866	124082	10.66%	1.176%
15	19.639	2776	2780	2790	rBV4	34058	46383	3.99%	0.440%
16	20.109	2855	2860	2866	rBV	790385	921509	79.19%	8.737%
17	21.345	3066	3070	3079	rVB8	37001	76415	6.57%	0.725%
18	21.421	3081	3083	3087	rVB2	18959	21883	1.88%	0.207%
19	21.662	3119	3124	3129	rBV	394309	514194	44.19%	4.875%
20	24.015	3517	3524	3536	rVB	261903	520946	44.77%	4.939%

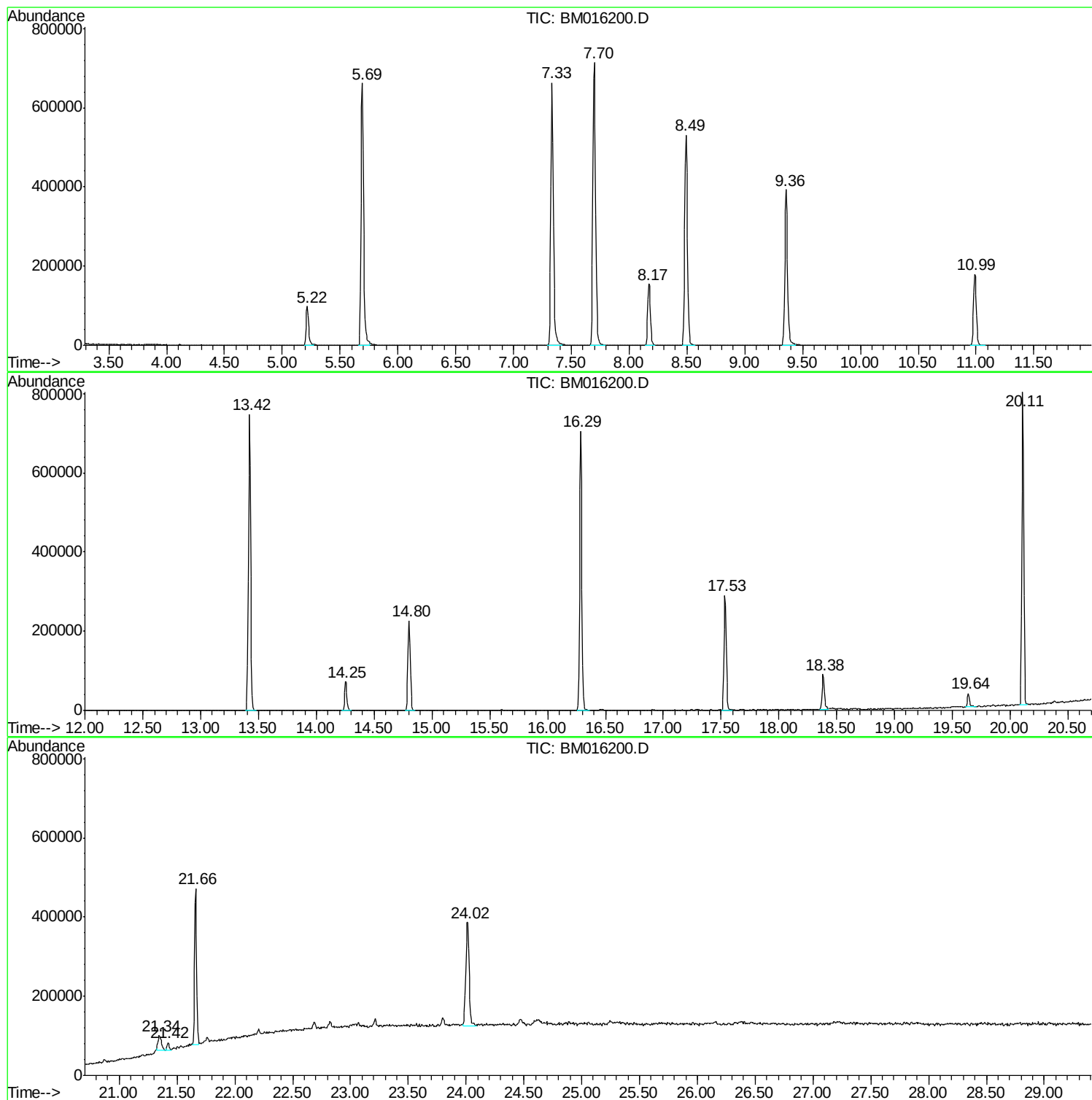
Sum of corrected areas: 10547121

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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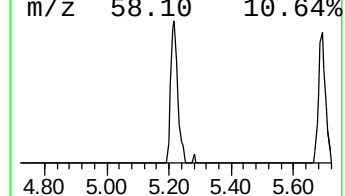
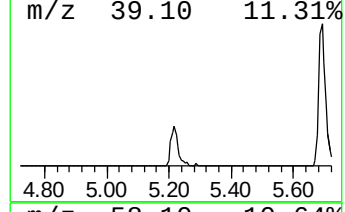
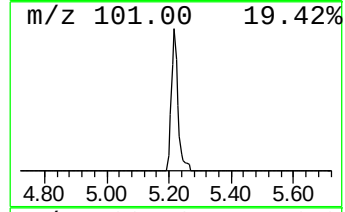
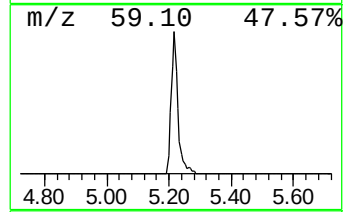
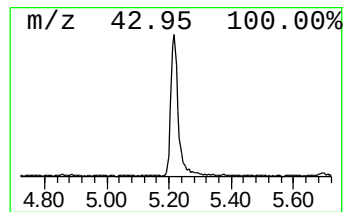
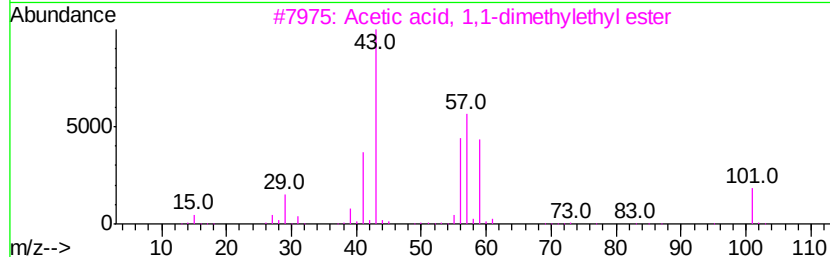
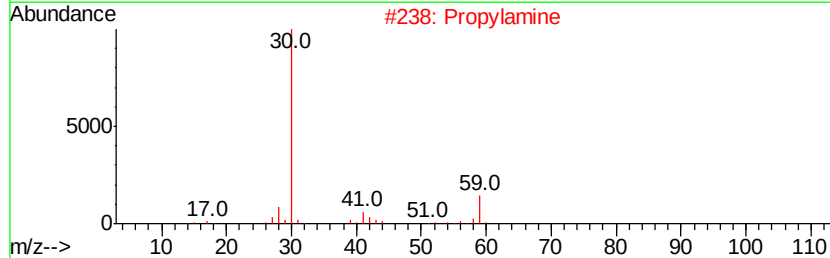
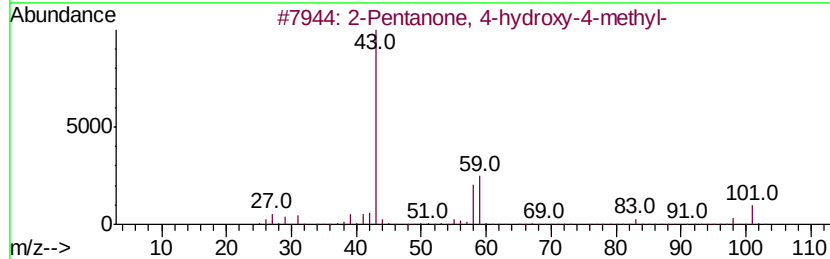
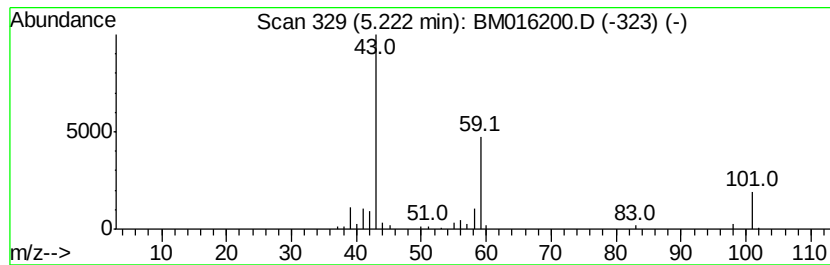
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	11.50 ng	146381	1,4-Dichlorobenzene-d4	8.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			Propylamine	59	C3H9N	000107-10-8	38
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
5			2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	33



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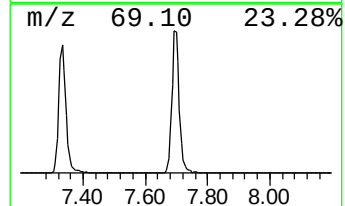
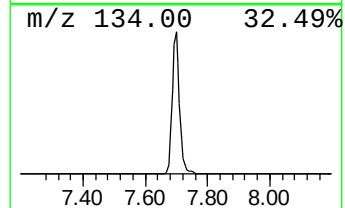
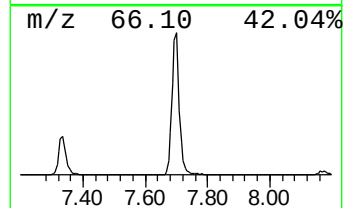
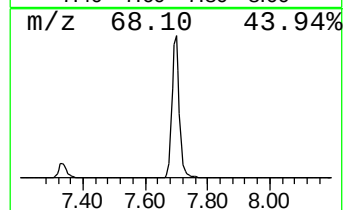
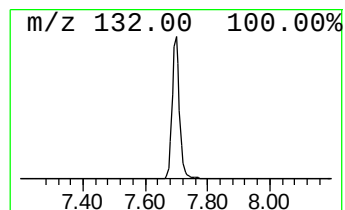
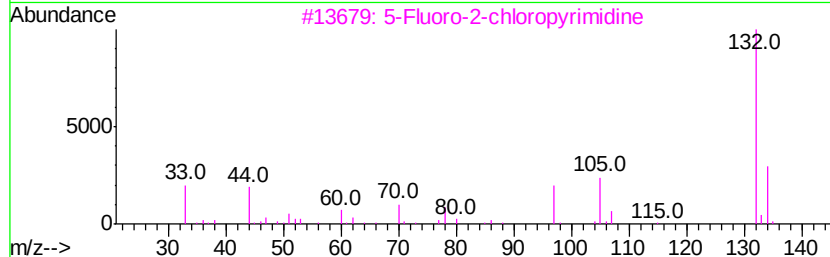
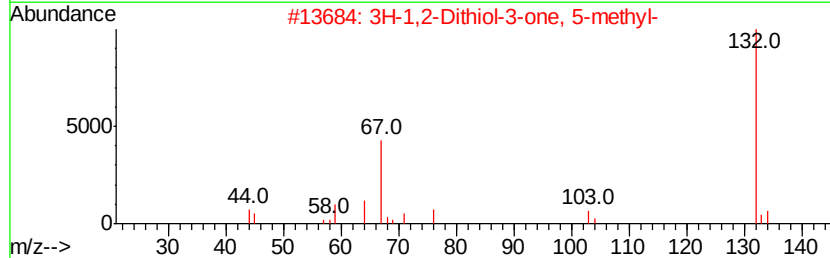
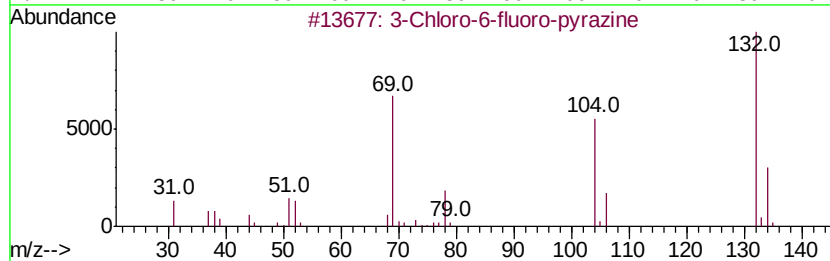
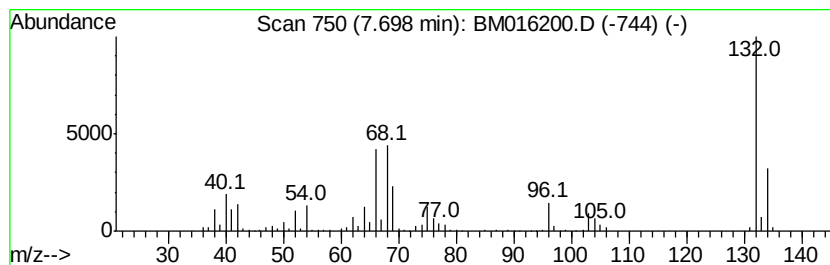
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Peak Number 2 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	91.46 ng	1163680	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
4		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
5		Tranlylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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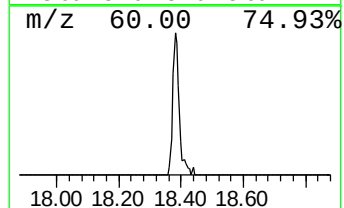
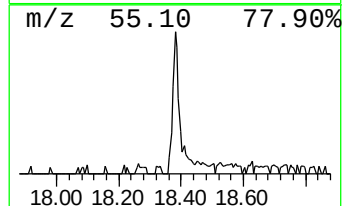
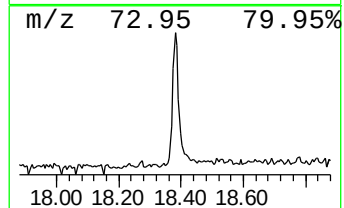
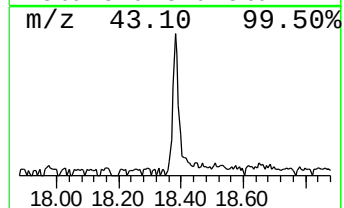
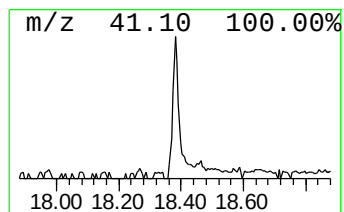
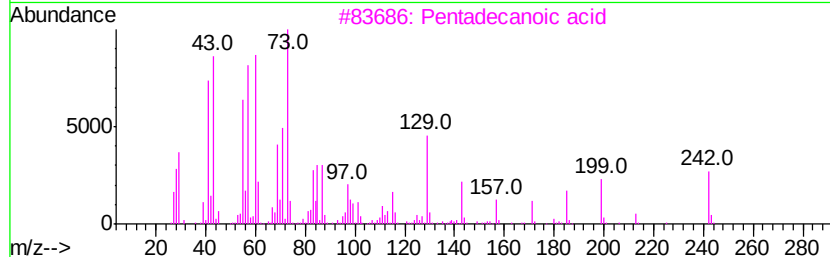
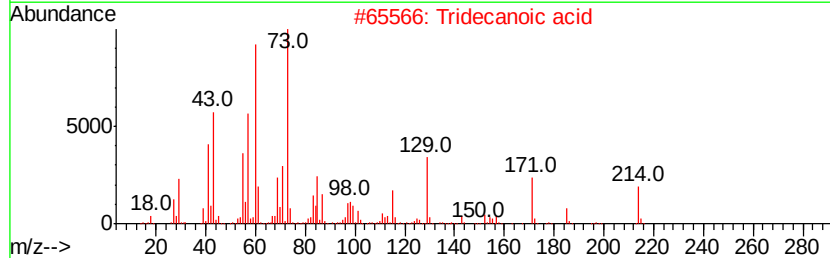
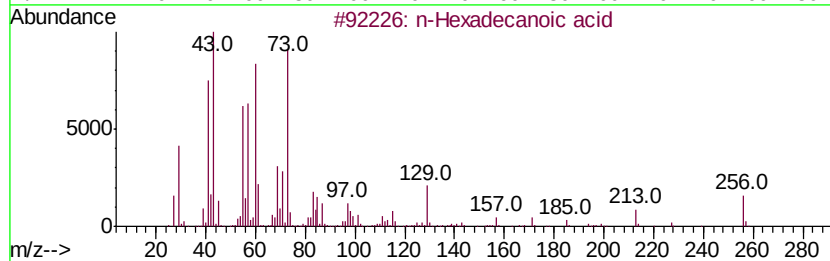
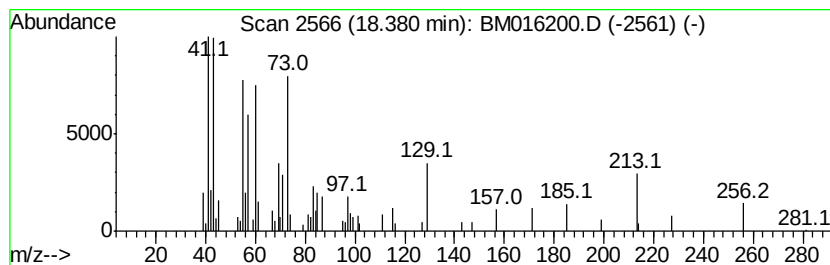
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	6.14 ng	124082	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Undecanoic acid	186	C11H22O2	000112-37-8	50



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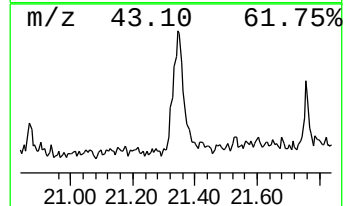
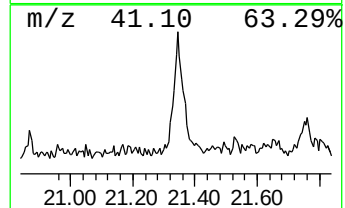
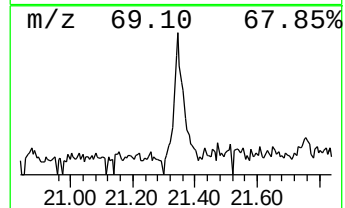
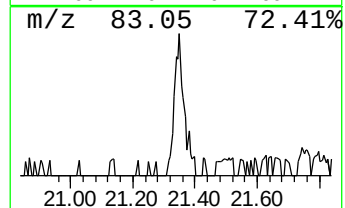
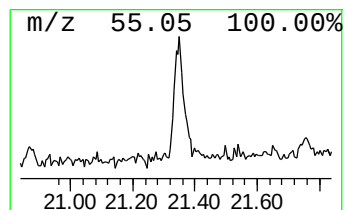
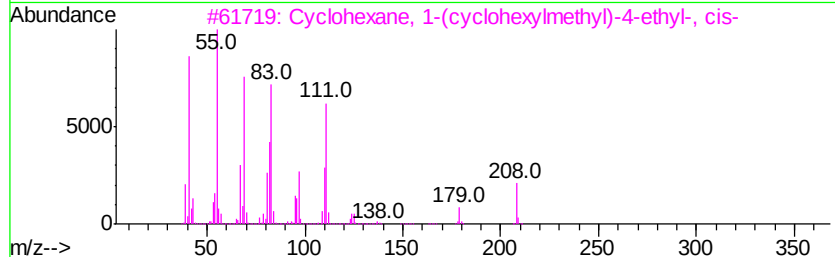
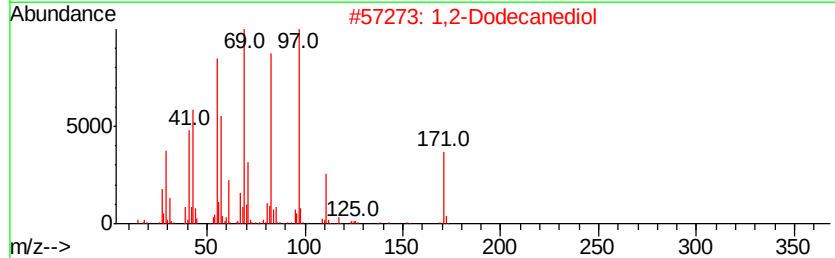
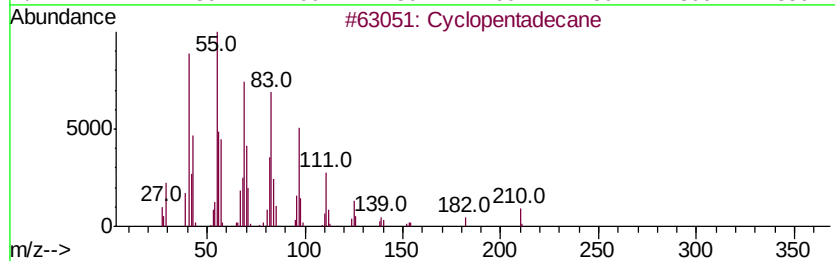
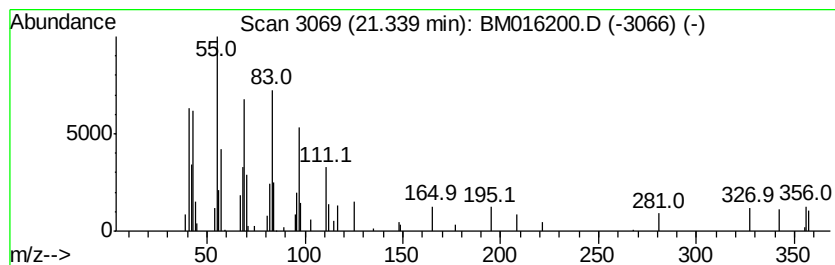
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Peak Number 5 Cyclopentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.34	2.97 ng	76415	Chrysene-d12	21.66	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	90
2	1,2-Dodecanediol	202	C12H26O2	001119-87-5	53
3	Cyclohexane, 1-(cyclohexylmethyl)-	208	C15H28	054934-95-1	52
4	Cyclohexane, 1-(cyclohexylmethyl)-	208	C15H28	054934-94-0	50
5	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.22	11.5	ng	146381	1	8.17	254467	20.0
unknown7.70	7.70	91.5	ng	1163680	1	8.17	254467	20.0
n-Hexadecanoic acid	18.38	6.1	ng	124082	4	17.53	404111	20.0
Cyclopentadecane	21.34	3.0	ng	76415	5	21.66	514194	20.0