

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\
 Data File : BM016202.D
 Acq On : 06 Aug 2018 21:47
 Operator : SJ/JU
 Sample : J4333-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOIL-5

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	341	rBV	121878	194890	8.16%	1.188%
2	5.693	403	409	426	rBV	898580	1375364	57.56%	8.384%
3	7.334	682	688	702	rBV	913948	1452463	60.79%	8.854%
4	7.698	743	750	768	rBV	1011743	1585384	66.35%	9.665%
5	8.169	825	830	840	rBV	189545	309591	12.96%	1.887%
6	8.492	878	885	899	rBB	730192	1160383	48.56%	7.074%
7	9.357	1025	1032	1049	rBV	534025	890988	37.29%	5.432%
8	10.986	1303	1309	1317	rBV	219498	372468	15.59%	2.271%
9	13.422	1717	1723	1737	rVB	1180161	1653079	69.18%	10.077%
10	14.251	1859	1864	1872	rVB	71343	98124	4.11%	0.598%
11	14.804	1952	1958	1966	rBB2	282903	430515	18.02%	2.624%
12	16.286	2204	2210	2224	rBV	1122507	1489865	62.35%	9.082%
13	17.533	2417	2422	2427	rBV	356574	505984	21.18%	3.085%
14	17.574	2427	2429	2434	rVB2	25197	34854	1.46%	0.212%
15	18.386	2562	2567	2575	rBV	136876	200445	8.39%	1.222%
16	19.568	2763	2768	2775	rVB	115447	157044	6.57%	0.957%
17	19.639	2776	2780	2787	rBV2	57218	76488	3.20%	0.466%
18	19.898	2820	2824	2826	rBV4	31978	44636	1.87%	0.272%
19	19.927	2826	2829	2835	rVB	93736	124558	5.21%	0.759%
20	20.109	2855	2860	2867	rVB	2037099	2389439	100.00%	14.566%
21	21.345	3063	3070	3076	rBV2	116085	239367	10.02%	1.459%
22	21.662	3117	3124	3128	rBV2	520085	769194	32.19%	4.689%
23	21.697	3128	3130	3136	rVB	71438	90811	3.80%	0.554%
24	23.303	3400	3403	3415	rVB	57962	170568	7.14%	1.040%
25	24.015	3518	3524	3531	rVB	305798	587379	24.58%	3.581%

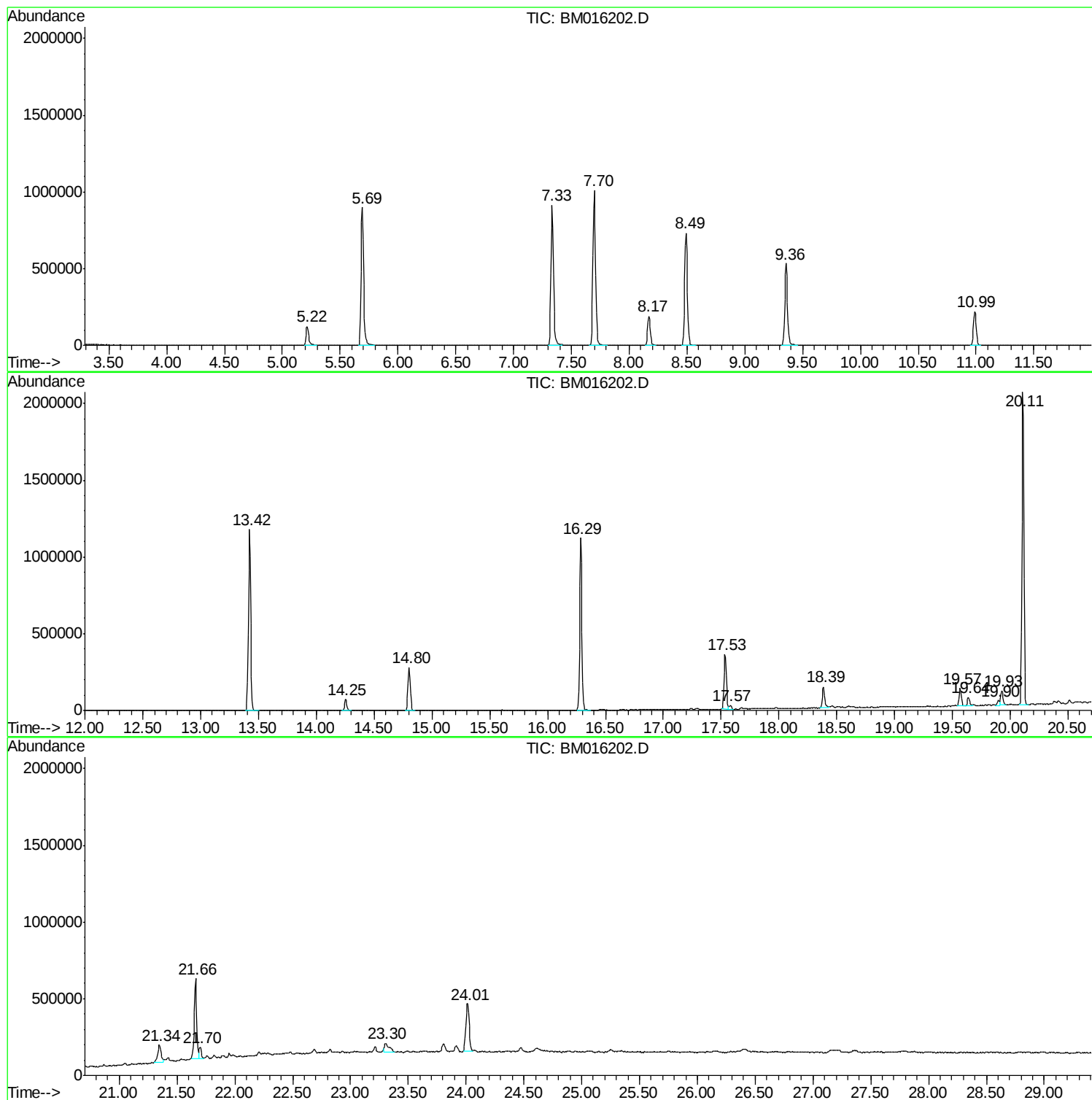
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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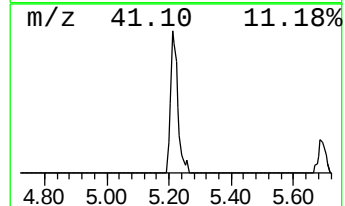
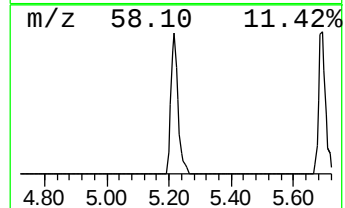
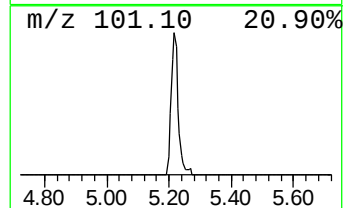
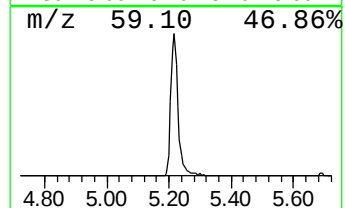
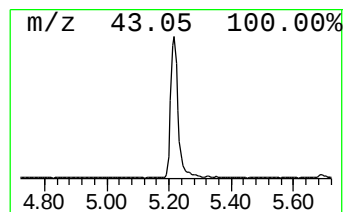
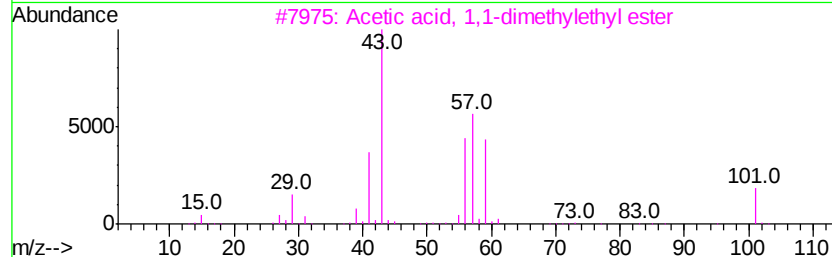
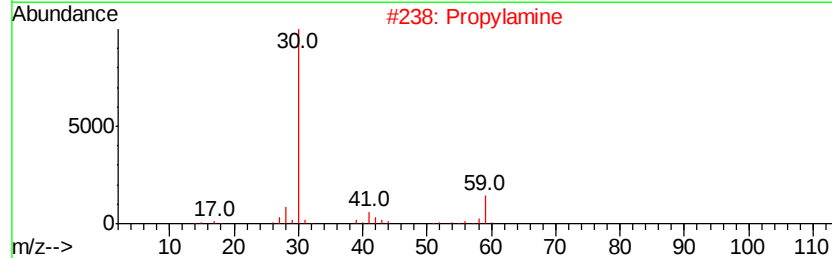
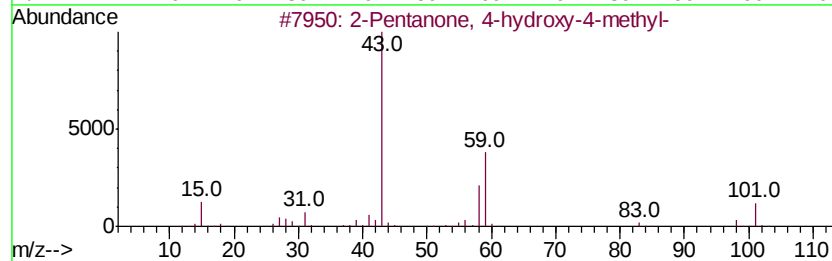
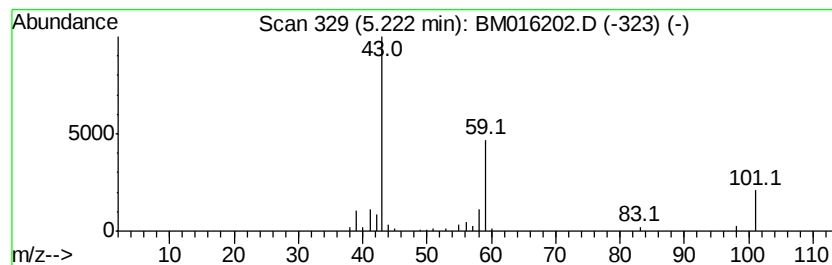
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	12.59 ng	194890	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	50
2			Propylamine	59	C3H9N	000107-10-8	40
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5			Butane, 1-(1-methylethoxy)-	116	C7H16O	001860-27-1	25



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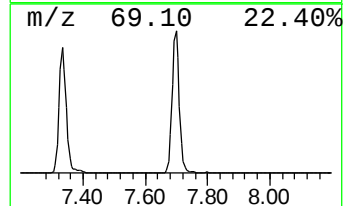
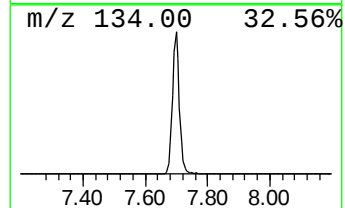
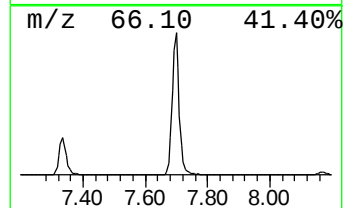
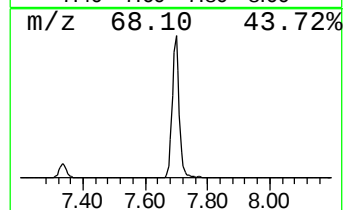
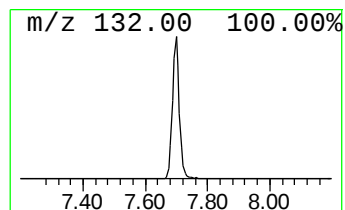
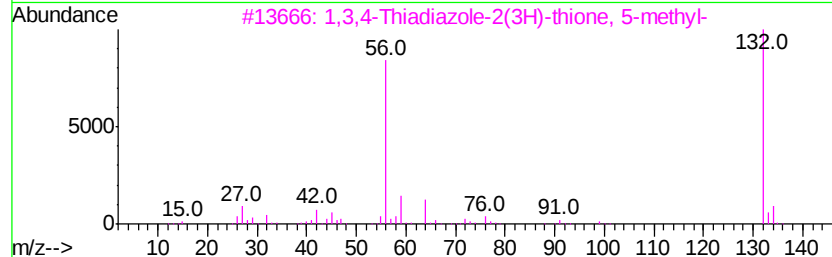
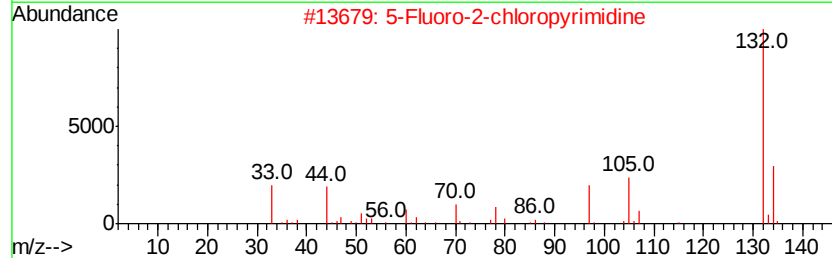
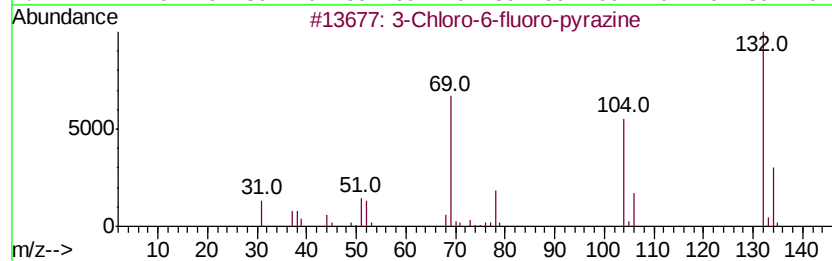
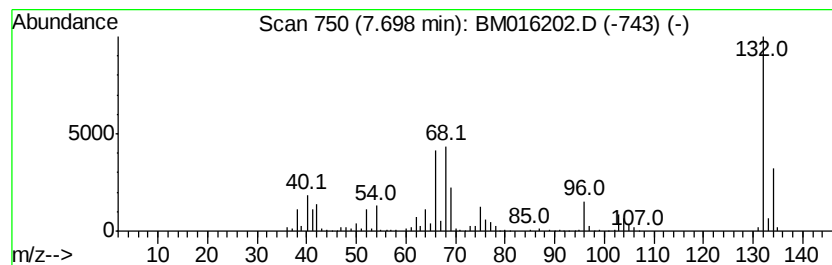
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Peak Number 2 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	102.42 ng	1585380	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		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
3		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
5		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12



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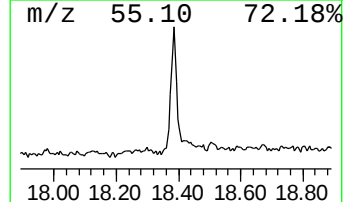
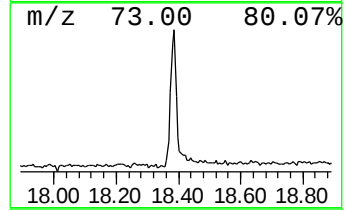
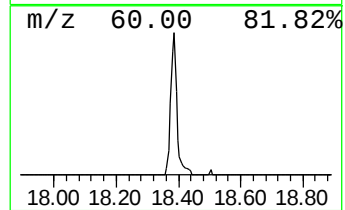
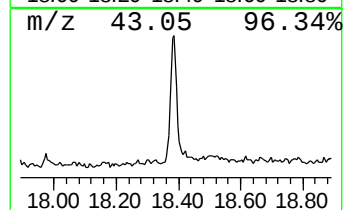
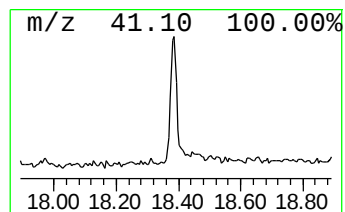
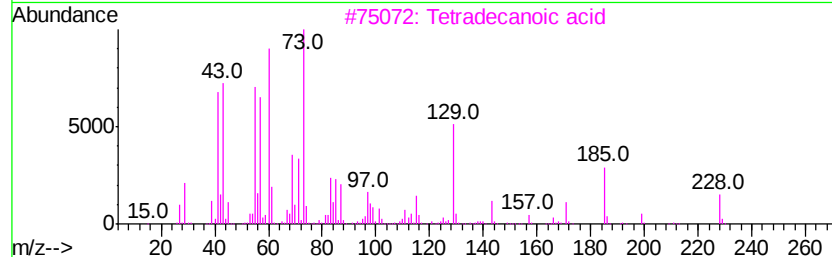
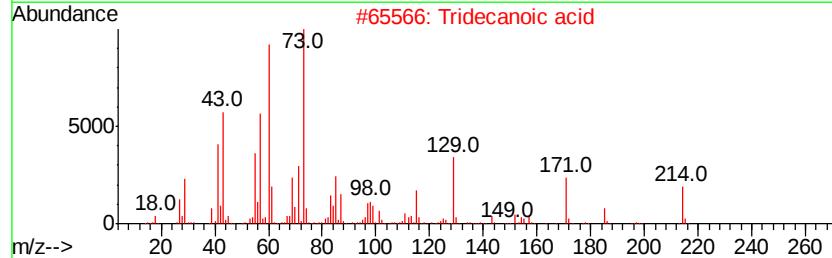
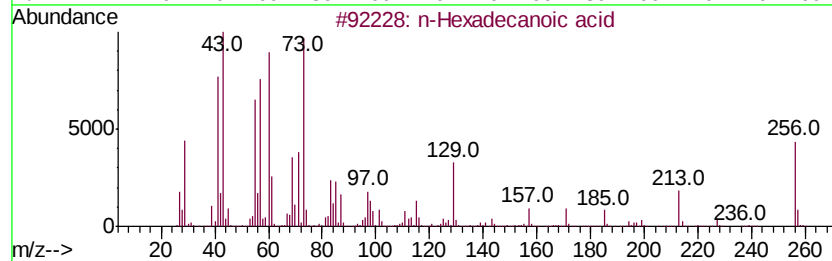
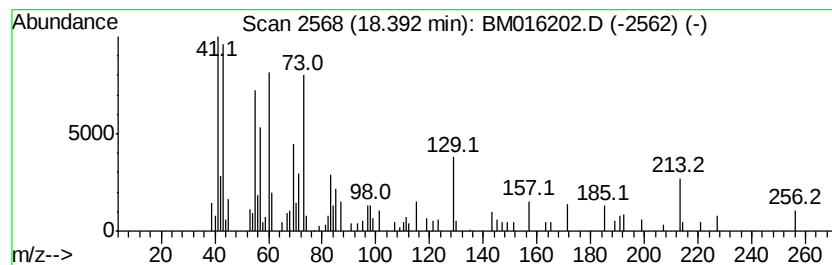
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	7.92 ng	200445	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50



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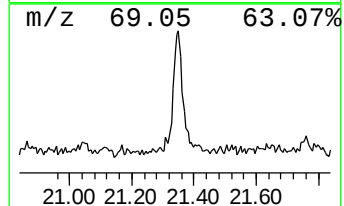
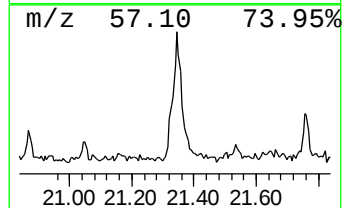
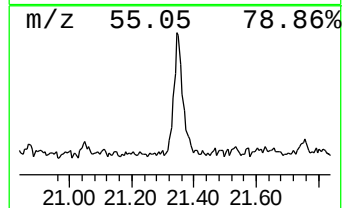
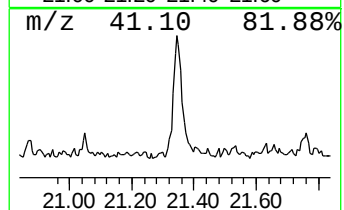
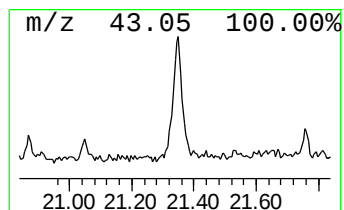
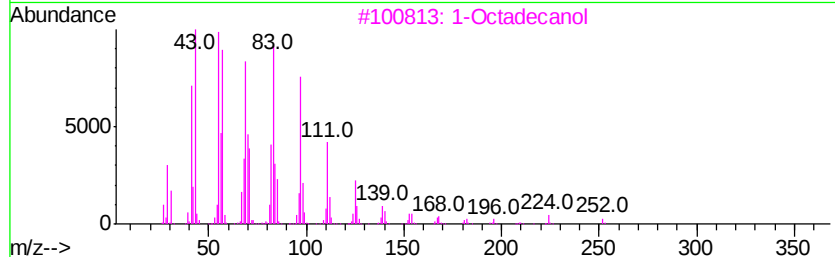
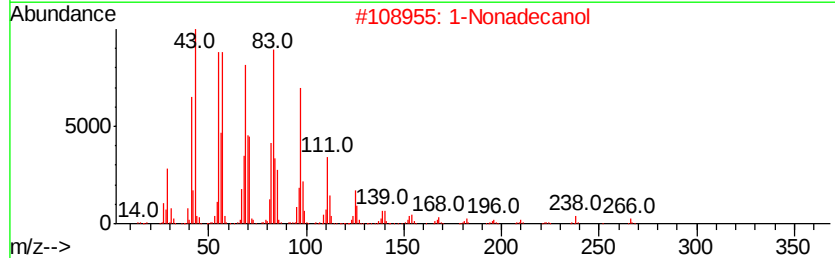
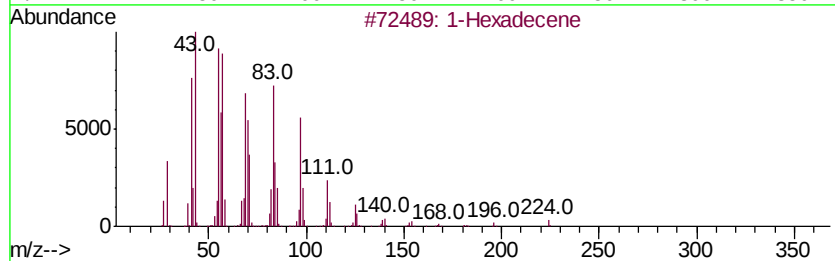
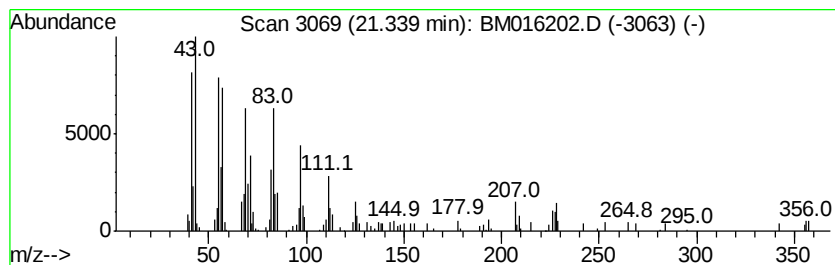
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Peak Number 5 1-Hexadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	6.22 ng	239367	Chrysene-d12	21.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene		224	C16H32	000629-73-2	86
2	1-Nonadecanol		284	C19H40O	001454-84-8	81
3	1-Octadecanol		270	C18H38O	000112-92-5	76
4	1-Tricosene		322	C23H46	018835-32-0	74
5	Cyclotetracosane		336	C24H48	000297-03-0	68



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.22	12.6	ng	194890	1	8.17	309591	20.0
unknown7.70	7.70	102.4	ng	1585380	1	8.17	309591	20.0
n-Hexadecanoic acid	18.39	7.9	ng	200445	4	17.53	505984	20.0
1-Hexadecene	21.34	6.2	ng	239367	5	21.66	769194	20.0