

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
 Data File : BM016241.D
 Acq On : 08 Aug 2018 05:56
 Operator : SJ/JU
 Sample : J4313-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C-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	5.181	317	322	337	rVB	101922	161040	5.43%	0.917%
2	5.663	398	404	417	rBV	647151	1085423	36.62%	6.179%
3	7.304	676	683	698	rBV	739353	1246641	42.06%	7.096%
4	7.663	737	744	755	rBV	817746	1314490	44.34%	7.483%
5	8.134	818	824	836	rVB	221087	359279	12.12%	2.045%
6	8.457	872	879	888	rBV	610780	987561	33.32%	5.622%
7	9.322	1019	1026	1043	rBV	459278	776650	26.20%	4.421%
8	10.951	1296	1303	1311	rBV	294058	482617	16.28%	2.747%
9	13.392	1711	1718	1724	rBV	1173504	1645661	55.52%	9.368%
10	14.221	1851	1859	1866	rBB	81880	112043	3.78%	0.638%
11	14.769	1944	1952	1959	rBV3	391672	610729	20.60%	3.477%
12	16.257	2199	2205	2216	rBV	953353	1332041	44.94%	7.583%
13	17.504	2412	2417	2422	rBV2	524089	768319	25.92%	4.374%
14	17.551	2422	2425	2430	rVB	130183	172545	5.82%	0.982%
15	17.639	2436	2440	2444	rBV	23002	30950	1.04%	0.176%
16	18.304	2549	2553	2558	rBV5	22779	38411	1.30%	0.219%
17	18.357	2558	2562	2568	rVV2	175221	280734	9.47%	1.598%
18	18.421	2569	2573	2579	rVB2	49638	76825	2.59%	0.437%
19	18.562	2591	2597	2601	rBV3	29236	51757	1.75%	0.295%
20	18.862	2643	2648	2653	rBV	25671	38199	1.29%	0.217%
21	19.274	2713	2718	2722	rBV3	27168	47961	1.62%	0.273%
22	19.539	2758	2763	2770	rVB	218717	312628	10.55%	1.780%
23	19.615	2772	2776	2785	rVB5	51852	86929	2.93%	0.495%
24	19.868	2815	2819	2821	rBV2	39686	59321	2.00%	0.338%
25	19.903	2821	2825	2831	rVV	181722	258964	8.74%	1.474%
26	20.086	2850	2856	2861	rBV	2533530	2964273	100.00%	16.874%
27	20.221	2873	2879	2885	rBV7	21374	51288	1.73%	0.292%
28	20.356	2896	2902	2904	rBV5	33051	60382	2.04%	0.344%
29	20.680	2954	2957	2961	rBV5	21575	37492	1.26%	0.213%
30	21.133	3031	3034	3040	rBV2	35269	59001	1.99%	0.336%
31	21.309	3061	3064	3071	rVB3	134008	192285	6.49%	1.095%
32	21.639	3114	3120	3124	rBV2	728783	1054716	35.58%	6.004%
33	21.674	3124	3126	3130	rVB	117226	126453	4.27%	0.720%
34	23.980	3512	3518	3524	rVB	363014	683404	23.05%	3.890%

LSC Area Percent Report

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Integrator: RTE
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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

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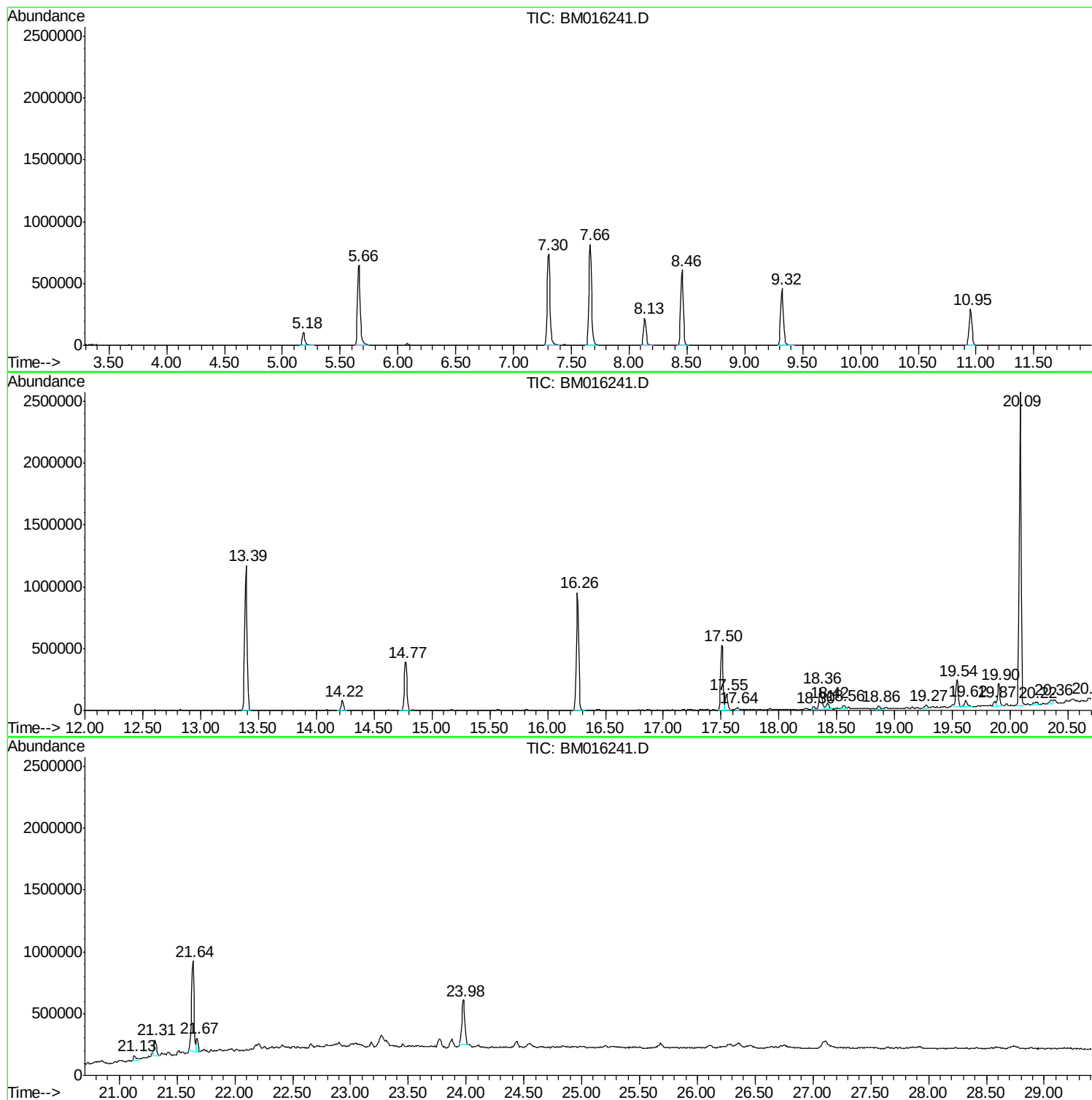
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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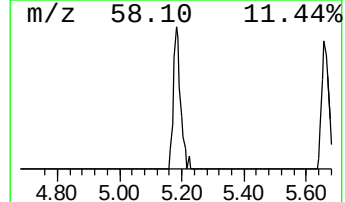
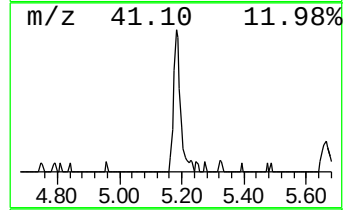
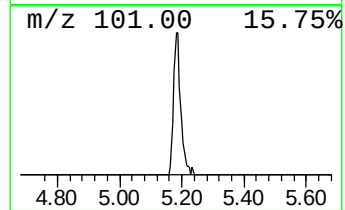
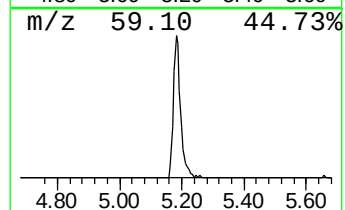
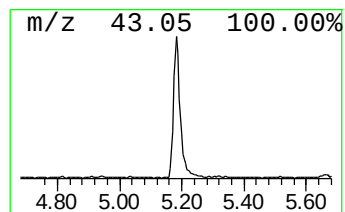
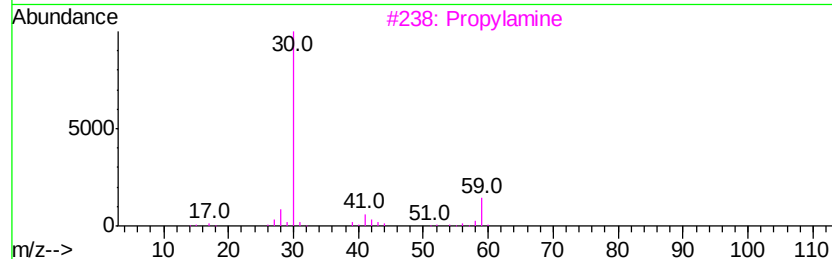
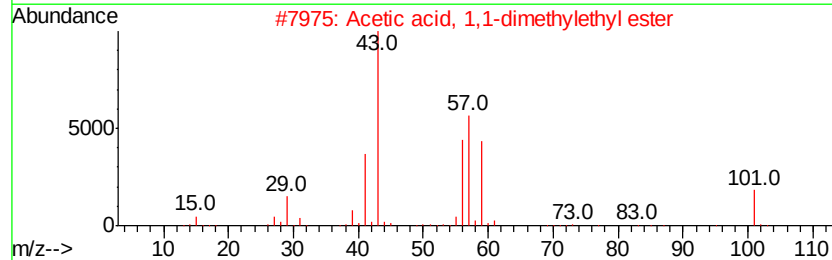
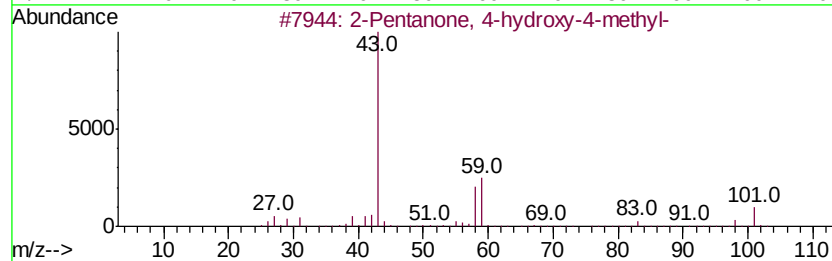
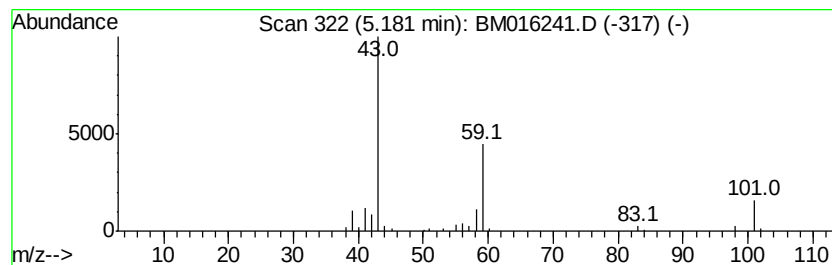
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	8.96 ng	161040	1,4-Dichlorobenzene-d4	8.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	45
3			Propylamine	59	C3H9N	000107-10-8	40
4			Butane	58	C4H10	000106-97-8	12
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12



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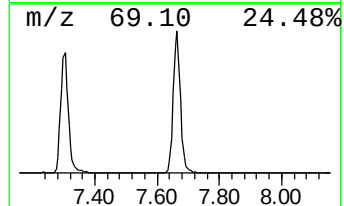
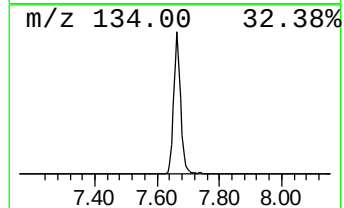
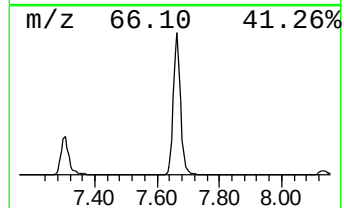
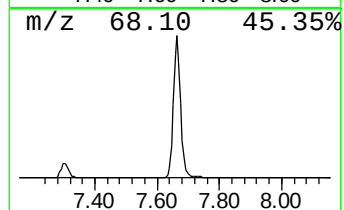
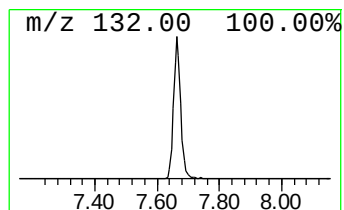
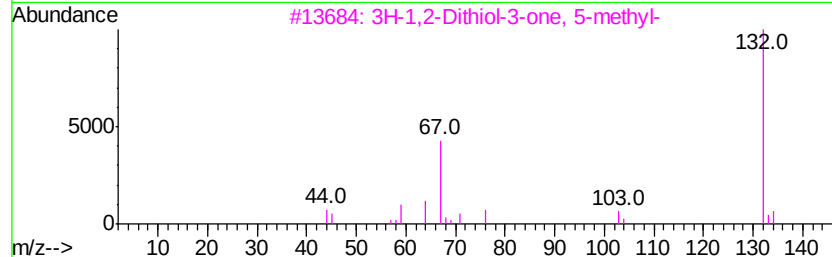
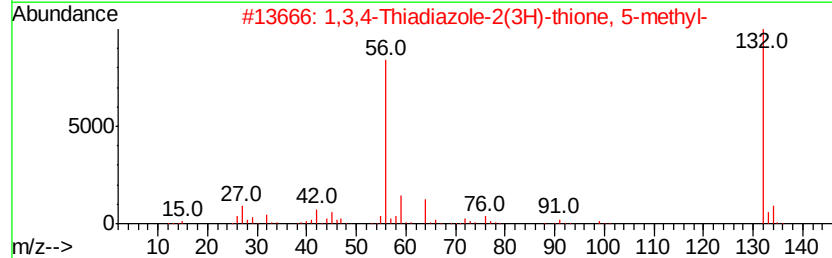
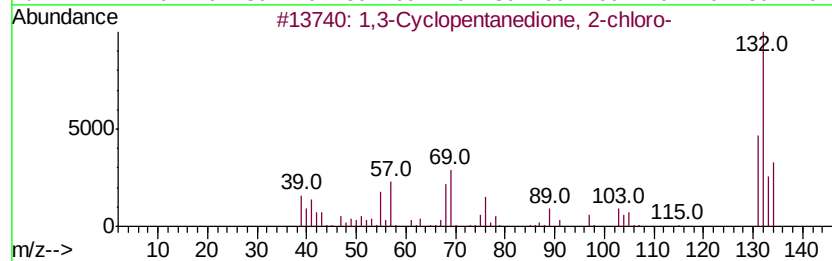
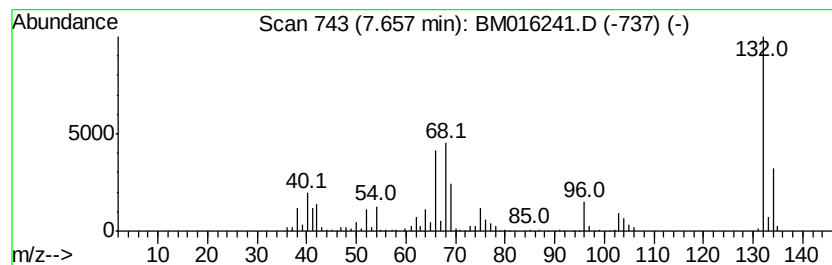
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	73.17 ng	1314490	1,4-Dichlorobenzene-d4	8.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
2			1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3			3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
4			Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10
5			5-Aminoindole	132	C8H8N2	005192-03-0	9



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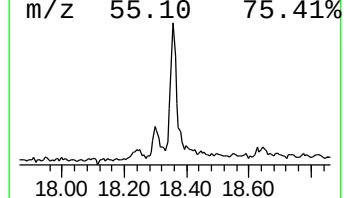
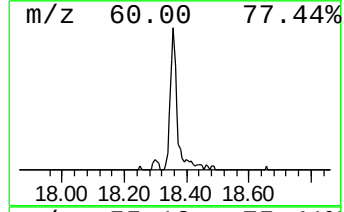
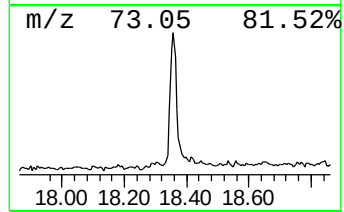
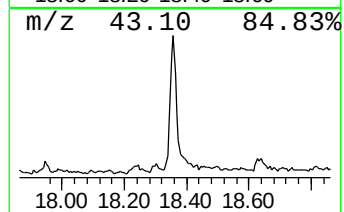
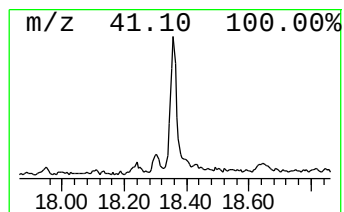
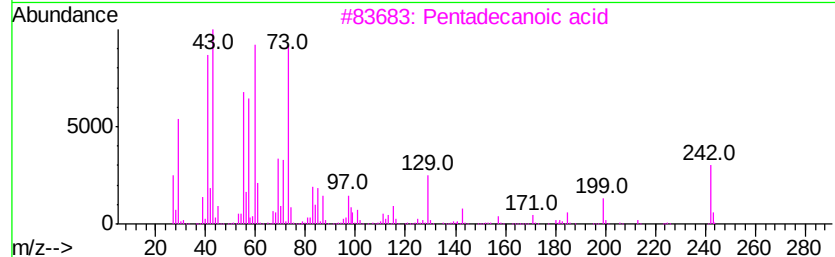
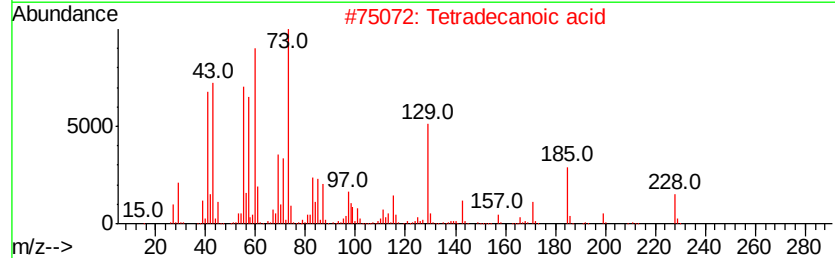
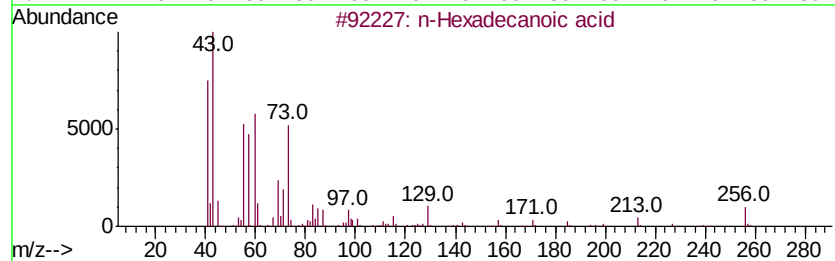
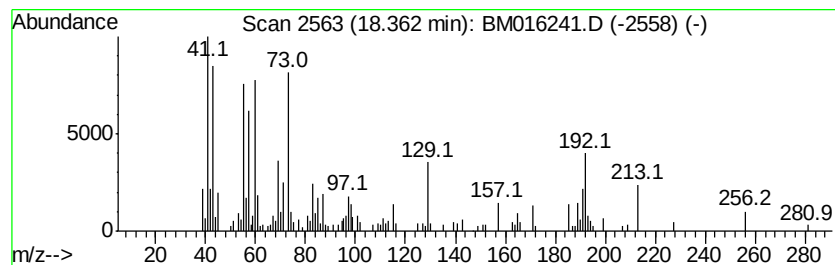
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	7.31 ng	280734	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	53
5	Nonanoic acid	158	C9H18O2	000112-05-0	43



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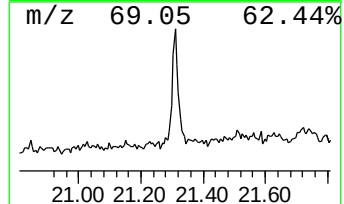
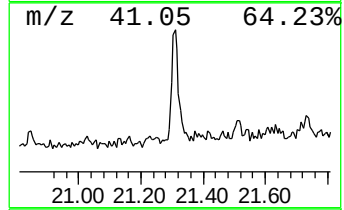
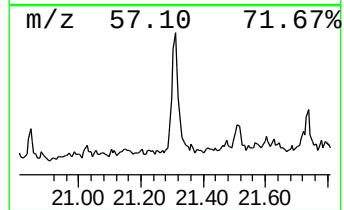
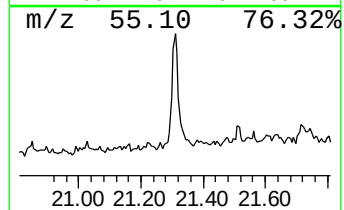
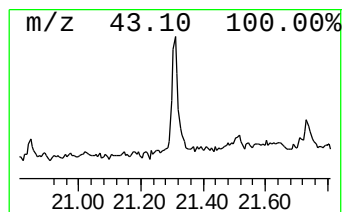
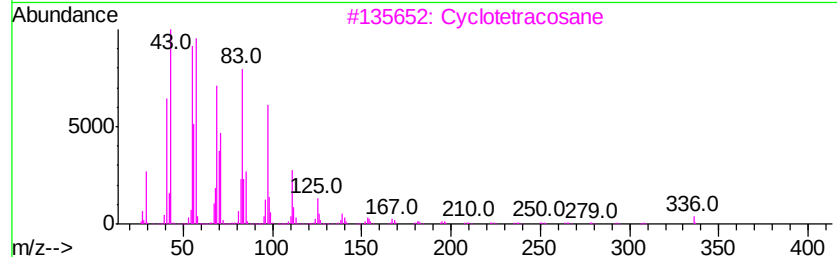
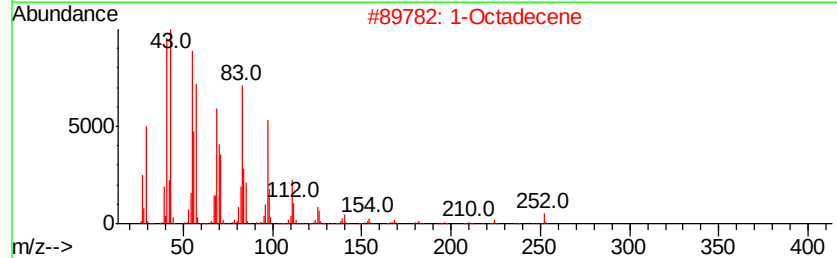
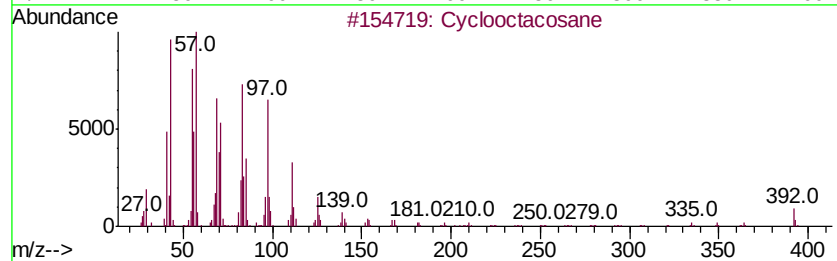
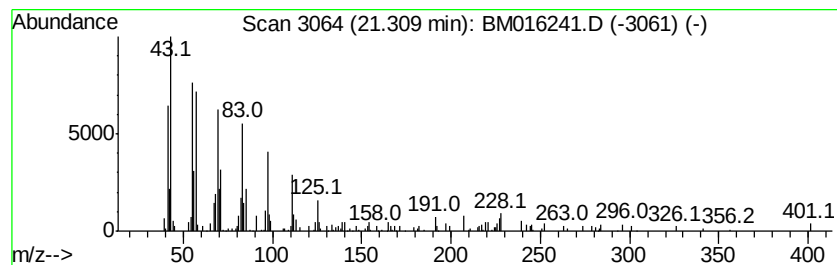
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclooctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.31	3.65 ng	192285	Chrysene-d12		21.64
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclooctacosane	392	C28H56	000297-24-5	76
2	1-Octadecene	252	C18H36	000112-88-9	76
3	Cyclotetracosane	336	C24H48	000297-03-0	76
4	3-Octadecene, (E)-	252	C18H36	007206-19-1	70
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	70



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.18	9.0	ng	161040	1	8.13	359279	20.0
unknown7.66	7.66	73.2	ng	1314490	1	8.13	359279	20.0
n-Hexadecanoic acid	18.36	7.3	ng	280734	4	17.50	768319	20.0
Cyclooctacosane	21.31	3.6	ng	192285	5	21.64	1054720	20.0