

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022616\
 Data File : BG021089.D
 Acq On : 26 Feb 2016 22:07
 Operator : UM/SJ
 Sample : H1558-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S4

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:\HPCHEM1\BNA_G\METHODS\8270-BG022616.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	3.095	38	44	57	rVB	125630	191943	27.56%	6.284%
2	3.230	62	67	76	rVB2	5737	12598	1.81%	0.412%
3	5.263	408	413	420	rBV	25186	37773	5.42%	1.237%
4	5.728	485	492	499	rBB	126400	194801	27.97%	6.378%
5	7.314	755	762	769	rBB	129735	218982	31.44%	7.169%
6	7.702	821	828	835	rBB	131406	214727	30.83%	7.030%
7	8.172	902	908	914	rBB2	18767	29631	4.25%	0.970%
8	8.495	957	963	970	rBB	92843	152619	21.91%	4.997%
9	9.335	1099	1106	1113	rBB	78400	136201	19.55%	4.459%
10	10.980	1380	1386	1393	rBB	25825	42806	6.15%	1.401%
11	13.407	1792	1799	1806	rBB	224245	337028	48.38%	11.034%
12	14.223	1933	1938	1943	rBB	21592	28651	4.11%	0.938%
13	14.776	2027	2032	2039	rBB2	41231	65006	9.33%	2.128%
14	16.256	2277	2284	2292	rBB2	207252	298498	42.85%	9.773%
15	16.468	2315	2320	2323	rBV	5219	7265	1.04%	0.238%
16	17.514	2492	2498	2504	rVB2	62699	89318	12.82%	2.924%
17	18.383	2641	2646	2654	rBV2	24764	32572	4.68%	1.066%
18	19.647	2858	2861	2868	rBV2	7913	9790	1.41%	0.321%
19	20.105	2933	2939	2945	rBV	533684	696579	100.00%	22.805%
20	21.409	3156	3161	3167	rBV2	20199	29708	4.26%	0.973%
21	21.779	3218	3224	3232	rVB	76027	123403	17.72%	4.040%
22	25.070	3775	3784	3796	rVB3	38318	104566	15.01%	3.423%

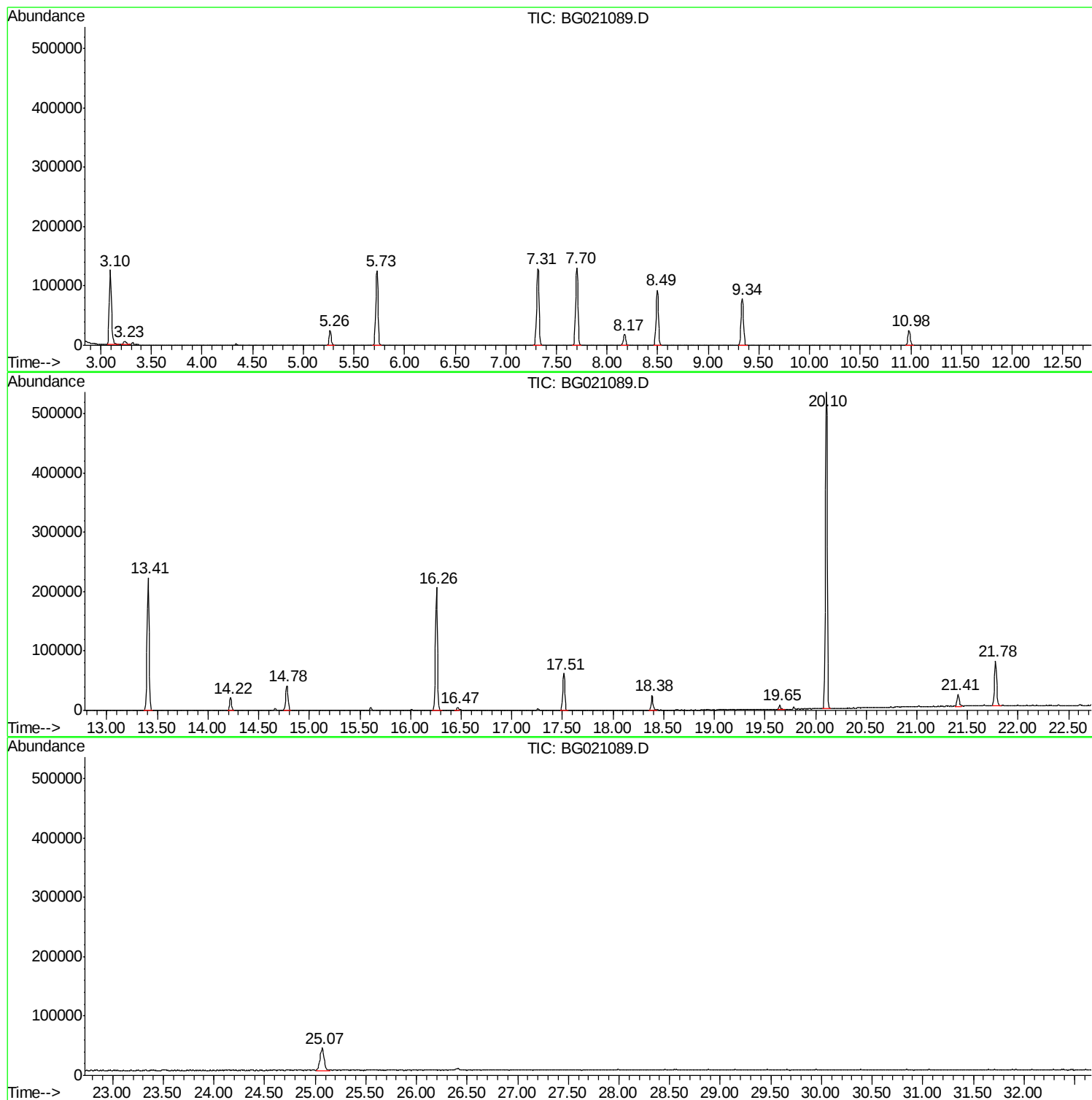
Sum of corrected areas: 3054465

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.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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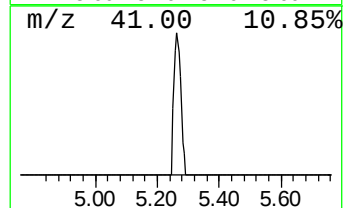
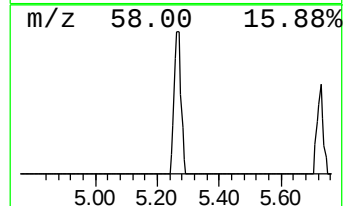
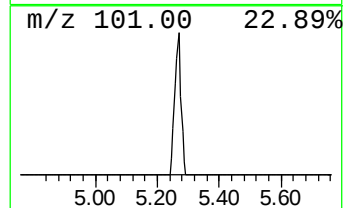
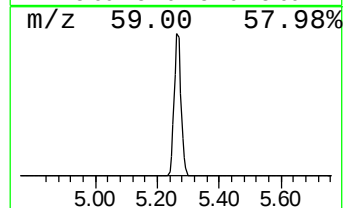
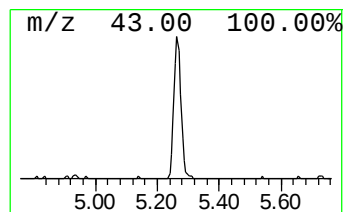
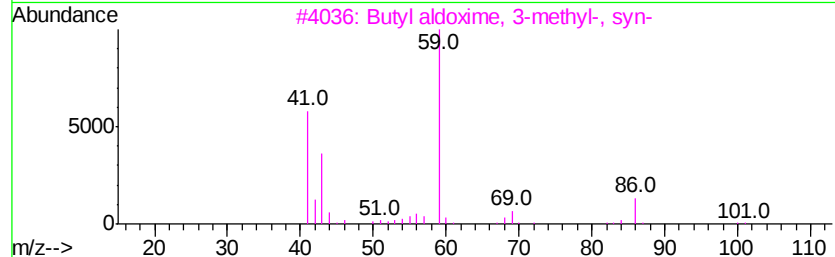
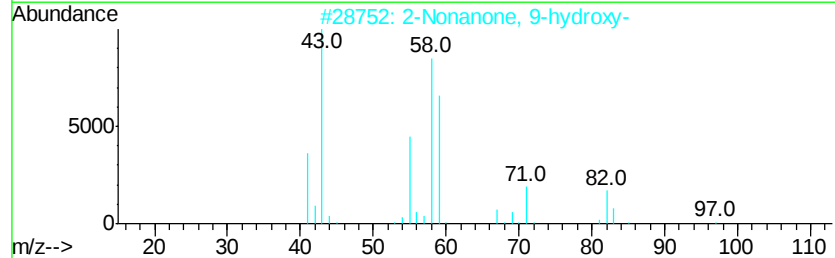
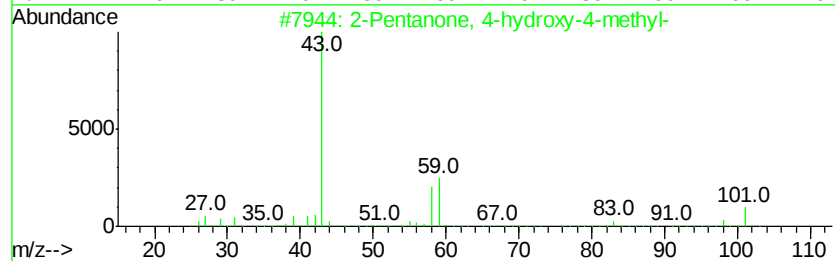
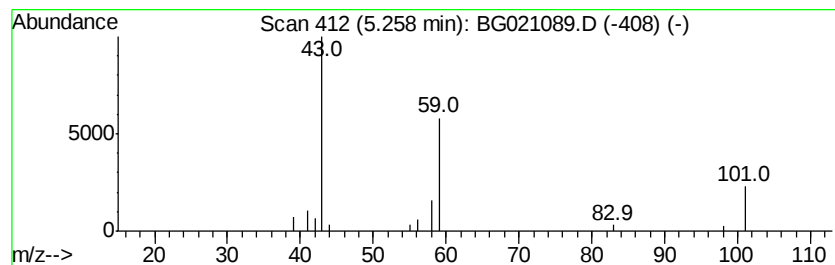
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	25.50 ng	37773	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	56
2			2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	33
3			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	32
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
5			Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9



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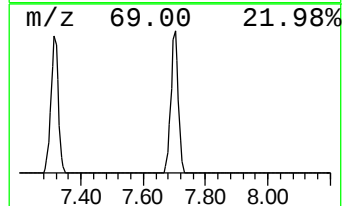
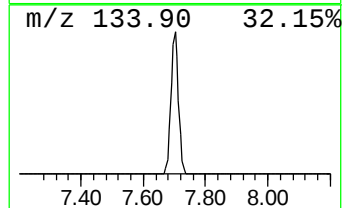
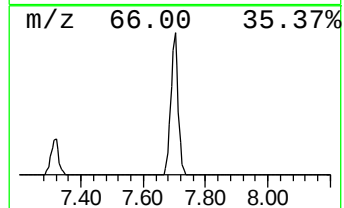
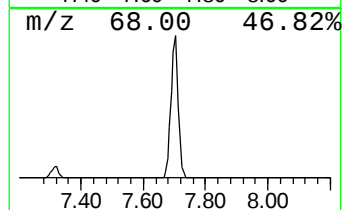
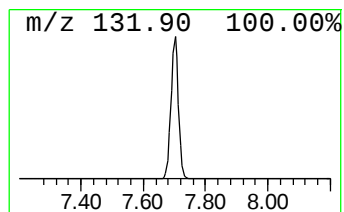
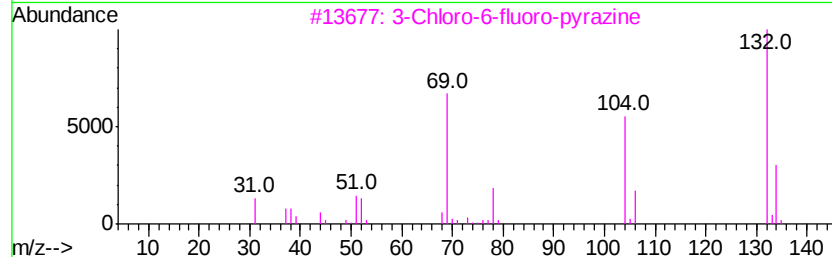
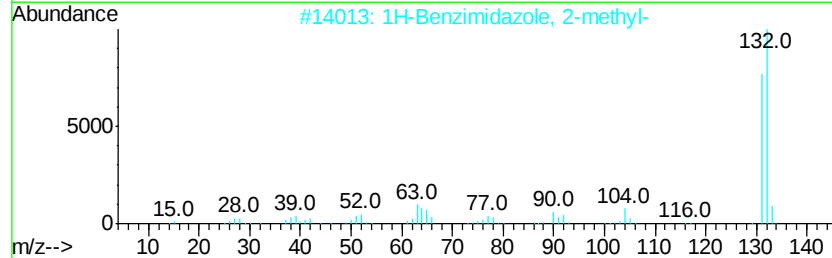
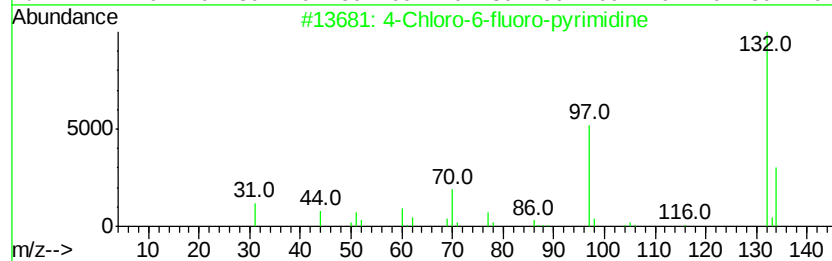
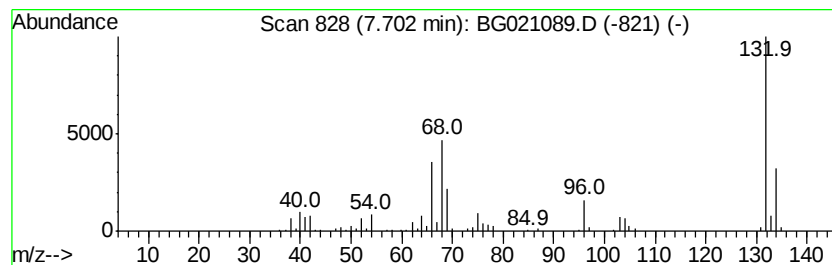
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	144.93 ng	214727	1,4-Dichlorobenzene-d4	8.17

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		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12



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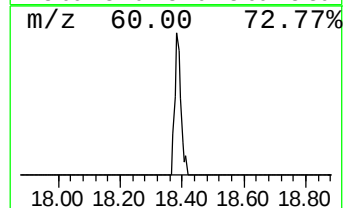
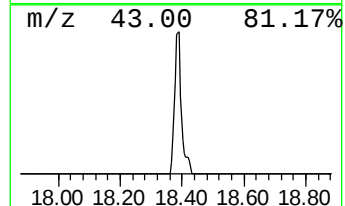
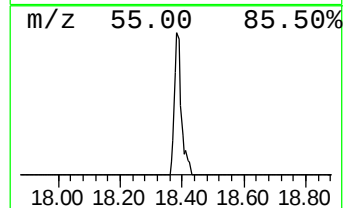
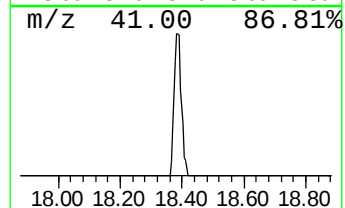
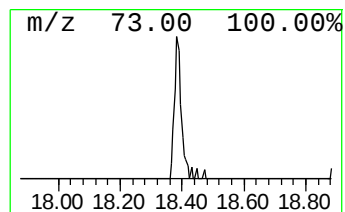
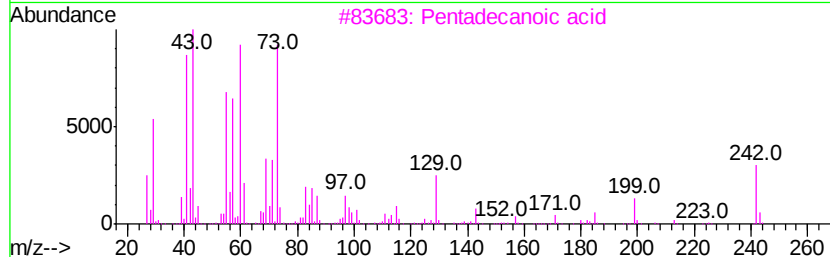
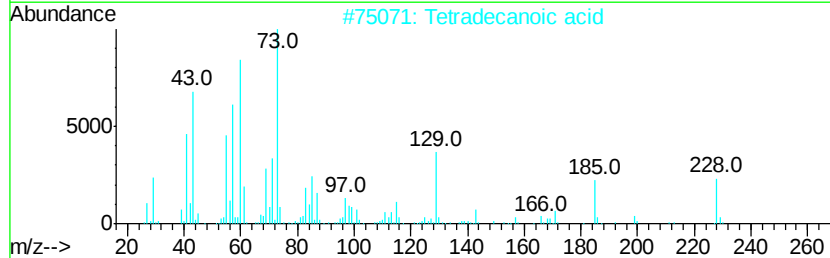
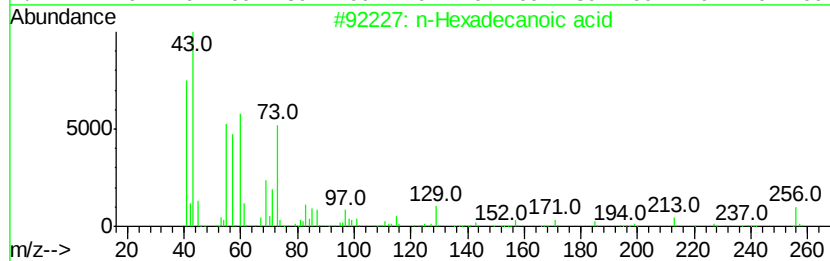
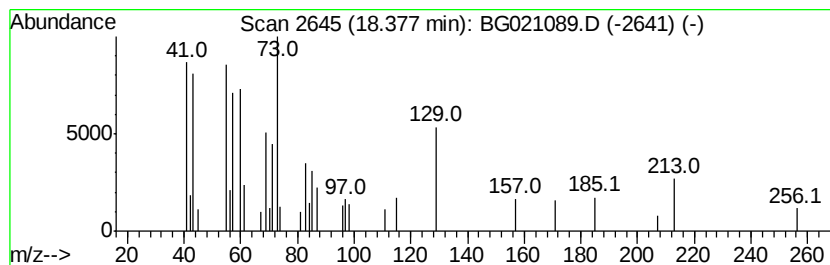
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	7.29 ng	32572	Phenanthrene-d10	17.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4		n-Decanoic acid	172	C10H20O2	000334-48-5	59
5		Tridecanoic acid	214	C13H26O2	000638-53-9	53



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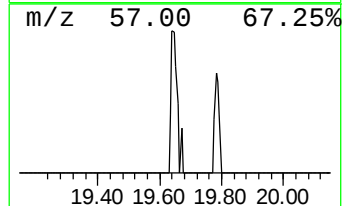
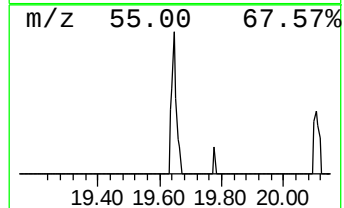
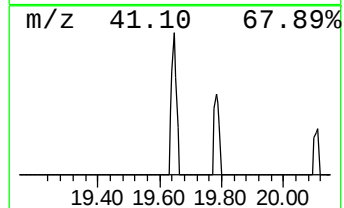
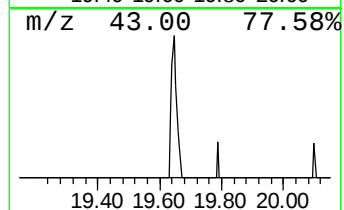
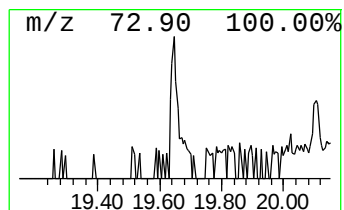
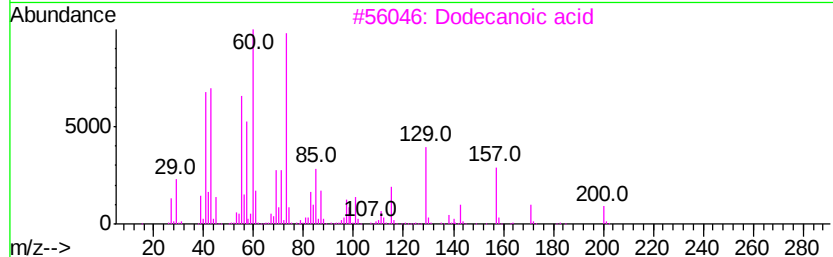
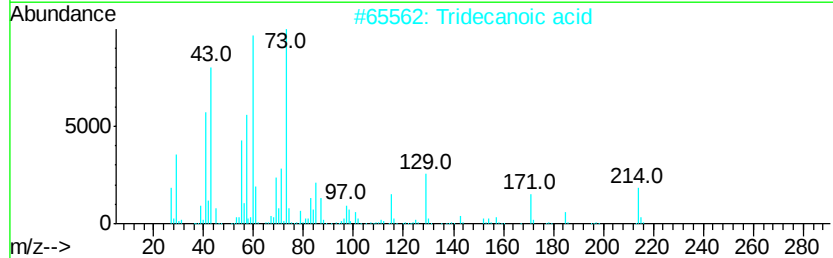
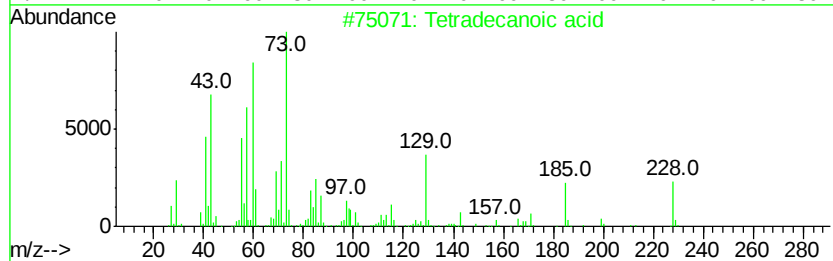
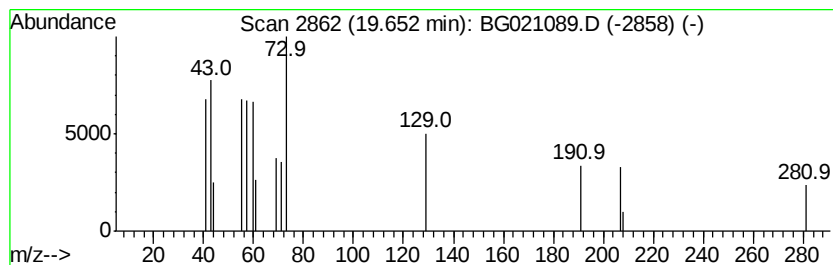
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 7 unknown19.65 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.65	2.19 ng	9790	Phenanthrene-d10		17.51
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
2	Tridecanoic acid	214	C13H26O2	000638-53-9	43
3	Dodecanoic acid	200	C12H24O2	000143-07-7	38
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	16
5	Lactose	342	C12H22O11	000063-42-3	16



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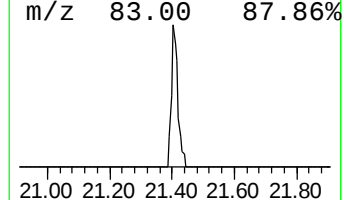
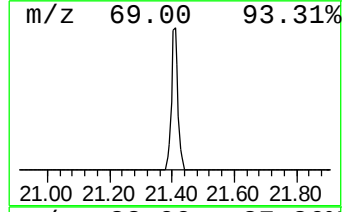
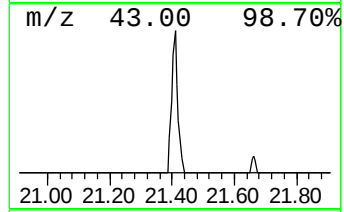
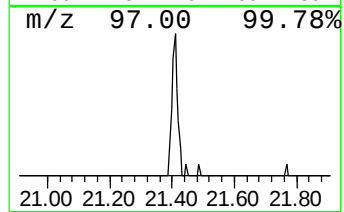
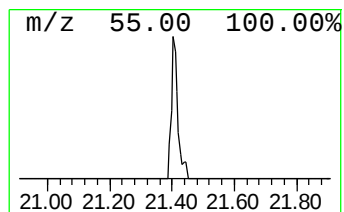
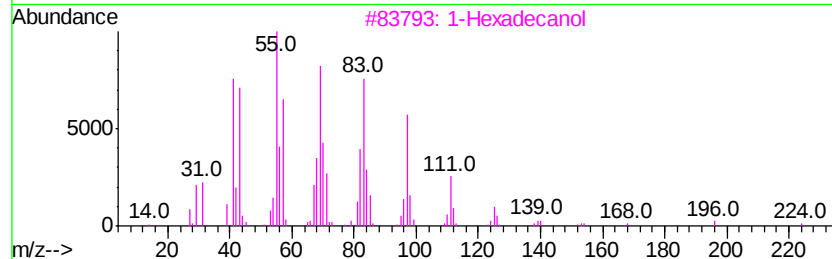
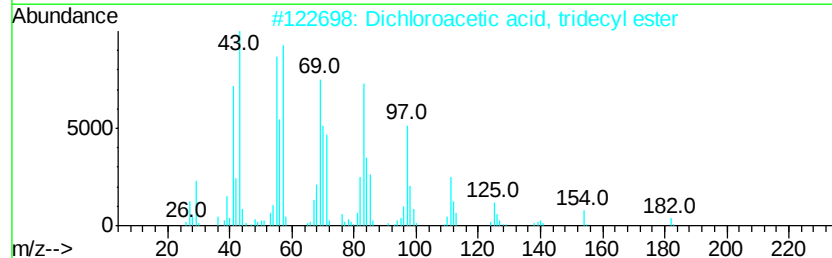
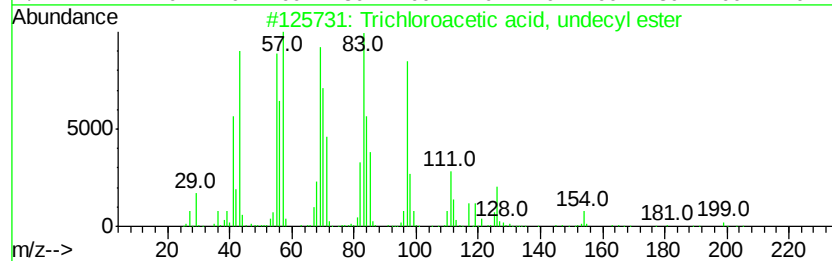
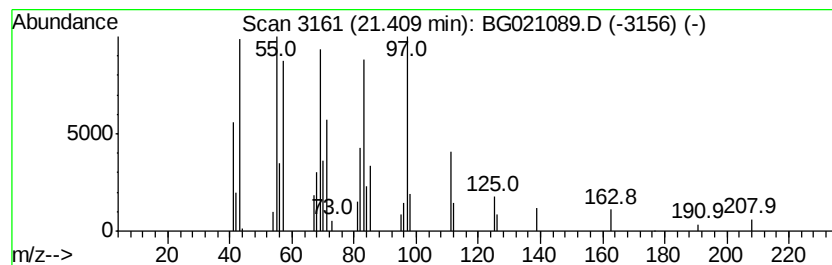
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Trichloroacetic acid, undec... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	4.81 ng	29708	Chrysene-d12	21.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	80
2	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	72
3	1-Hexadecanol	242	C16H34O	036653-82-4	68
4	1-Nonadecene	266	C19H38	018435-45-5	58
5	1-Tetracosanol	354	C24H50O	000506-51-4	58



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.26	25.5	ng	37773	1	8.17	29631	20.0
unknown7.70	7.70	144.9	ng	214727	1	8.17	29631	20.0
n-Hexadecanoic acid	18.38	7.3	ng	32572	4	17.51	89318	20.0
unknown19.65	19.65	2.2	ng	9790	4	17.51	89318	20.0
Trichloroacetic a...	21.41	4.8	ng	29708	5	21.78	123403	20.0