

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042346.D
 Acq On : 20 Aug 2019 3:33
 Operator : HP/JU
 Sample : K4277-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-22

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_G\METHODS\8270-BG081919.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	3.123	3	6	29	rVB	1605955	2425828	45.11%	9.689%
2	5.562	414	421	435	rBV	502688	849187	15.79%	3.392%
3	7.171	687	695	711	rBV	344162	683648	12.71%	2.731%
4	7.542	750	758	771	rBV	873243	1554484	28.91%	6.209%
5	8.006	829	837	845	rBV	193891	332358	6.18%	1.327%
6	8.335	884	893	901	rBV	834282	1464843	27.24%	5.851%
7	9.175	1026	1036	1056	rBV	564056	1079079	20.07%	4.310%
8	10.826	1310	1317	1334	rBV	238528	467309	8.69%	1.866%
9	13.282	1728	1735	1751	rBV	1976010	3238542	60.22%	12.935%
10	14.663	1959	1970	1984	rBV	462445	756552	14.07%	3.022%
11	16.155	2217	2224	2240	rBV	1639472	2529240	47.03%	10.102%
12	17.412	2432	2438	2452	rBV2	583667	960819	17.87%	3.838%
13	18.311	2585	2591	2599	rBV2	58838	105662	1.96%	0.422%
14	20.033	2877	2884	2895	rBV	3810437	5377809	100.00%	21.479%
15	21.343	3102	3107	3122	rBV2	89189	234886	4.37%	0.938%
16	21.690	3159	3166	3175	rBV2	680687	1140397	21.21%	4.555%
17	22.501	3299	3304	3309	rBV	46451	82891	1.54%	0.331%
18	23.206	3418	3424	3431	rVB	60706	112344	2.09%	0.449%
19	24.016	3556	3562	3571	rVB	66268	147531	2.74%	0.589%
20	24.933	3707	3718	3736	rVB2	429239	1360628	25.30%	5.434%
21	26.132	3913	3922	3931	rVB4	44247	133248	2.48%	0.532%

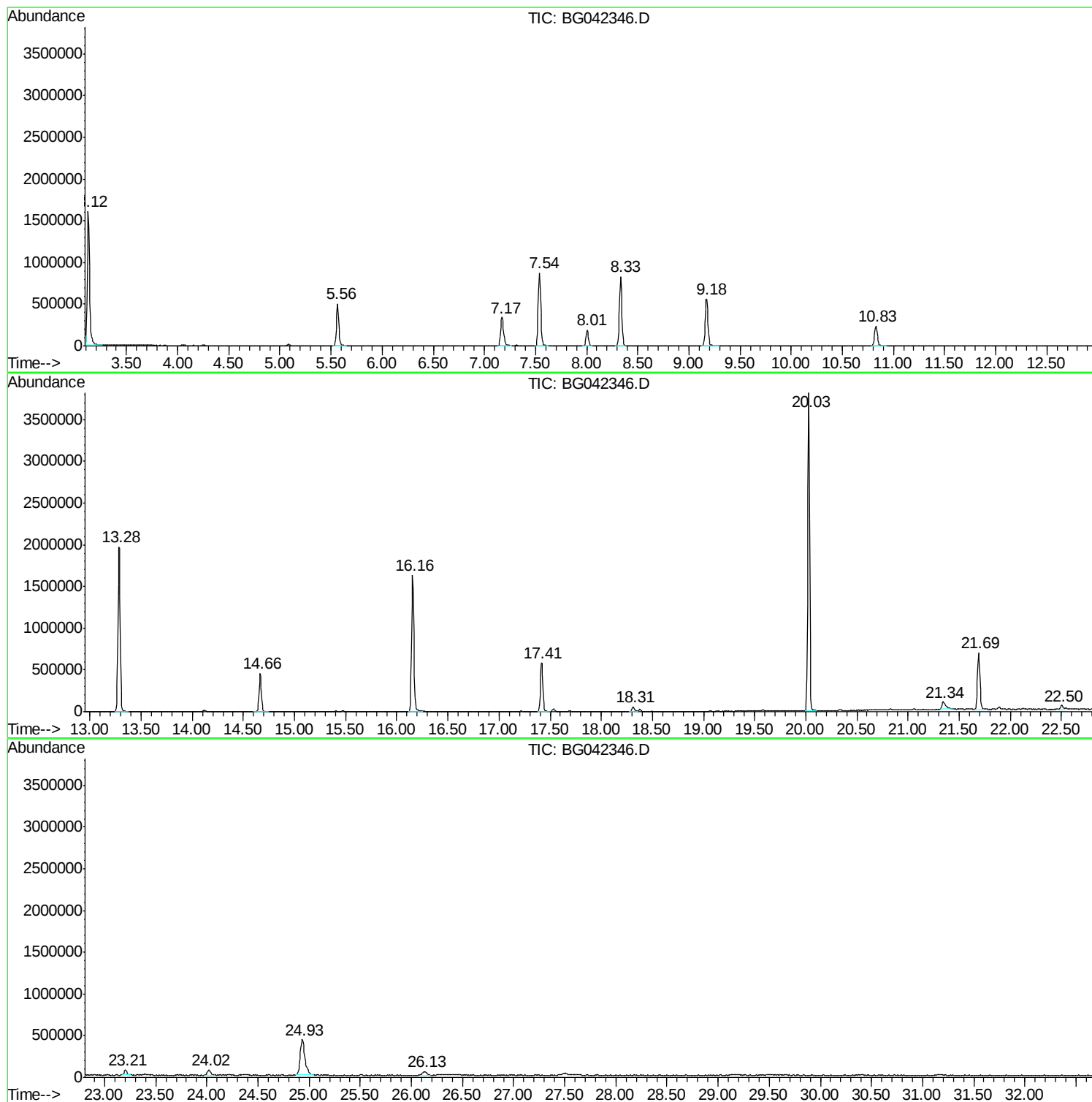
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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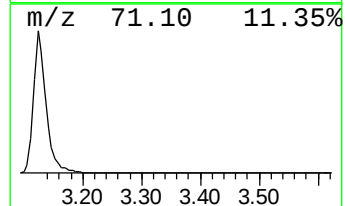
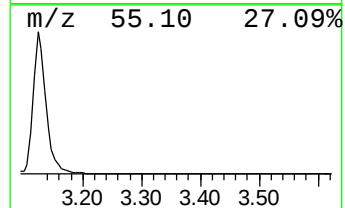
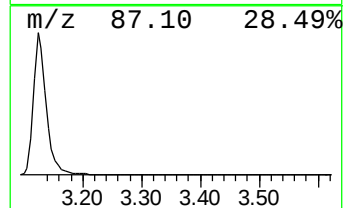
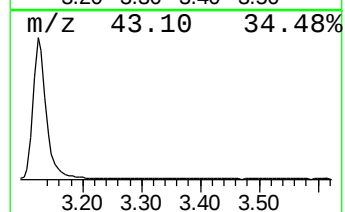
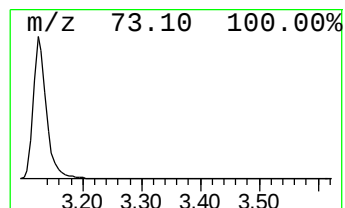
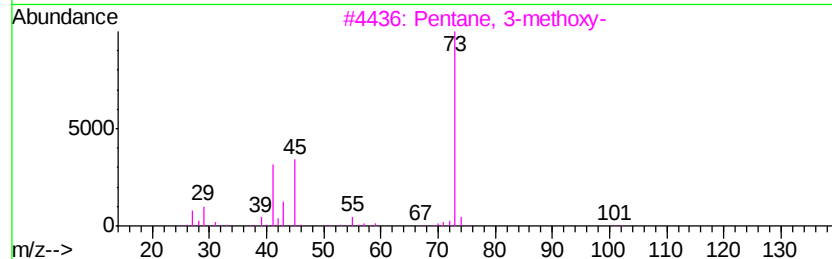
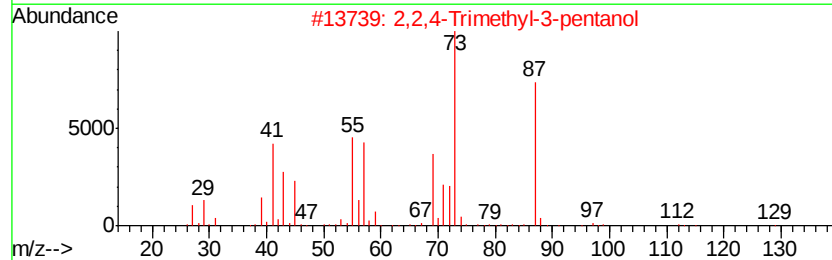
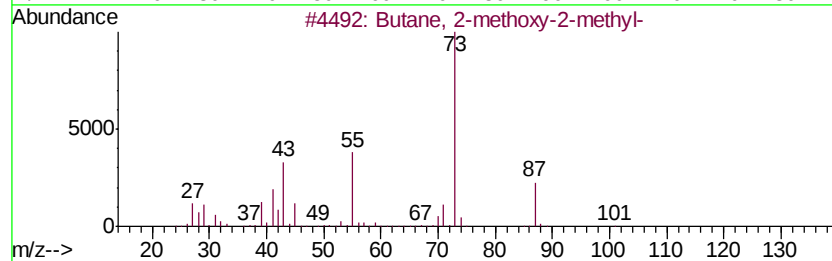
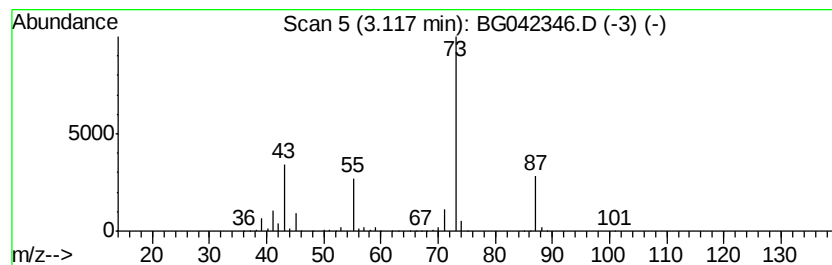
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	145.98 ng	2425830	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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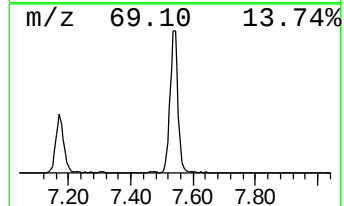
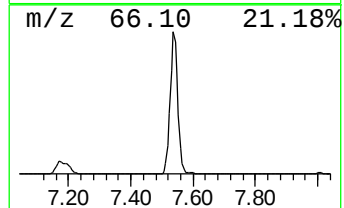
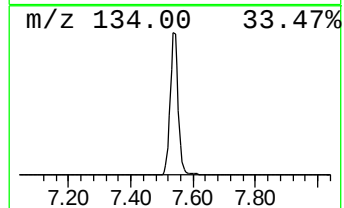
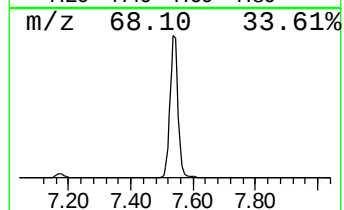
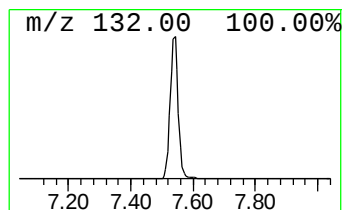
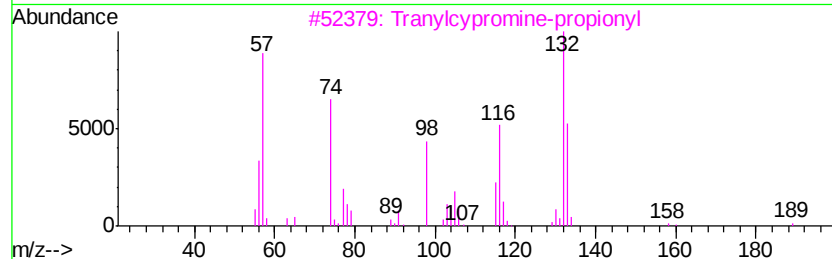
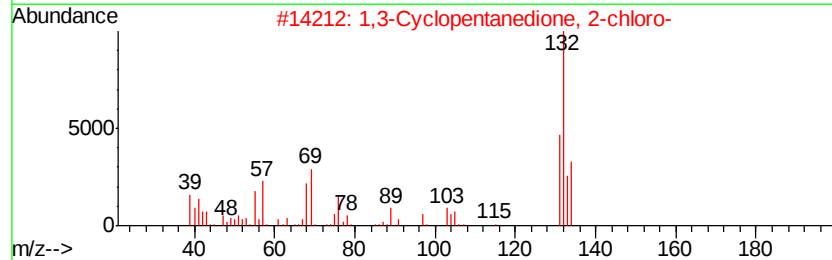
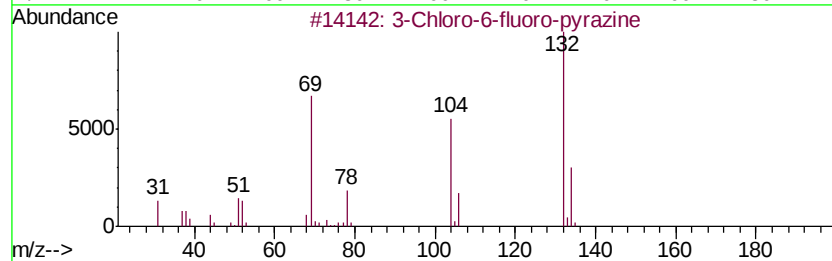
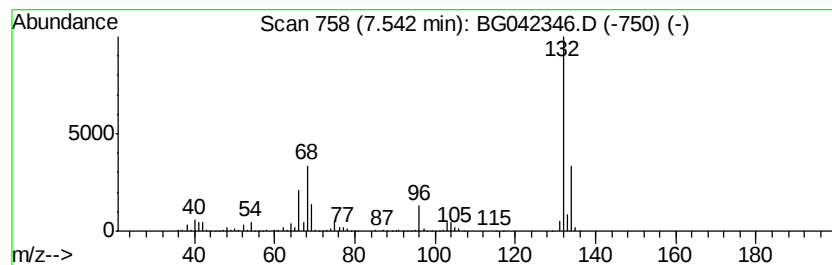
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 unknown7.54 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	93.54 ng	1554480	1,4-Dichlorobenzene-d4	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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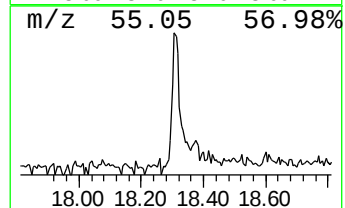
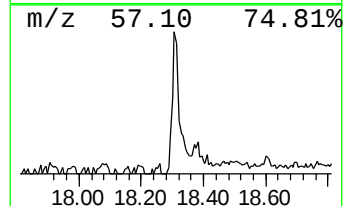
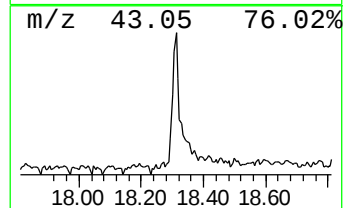
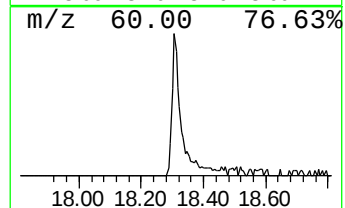
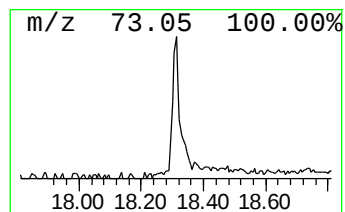
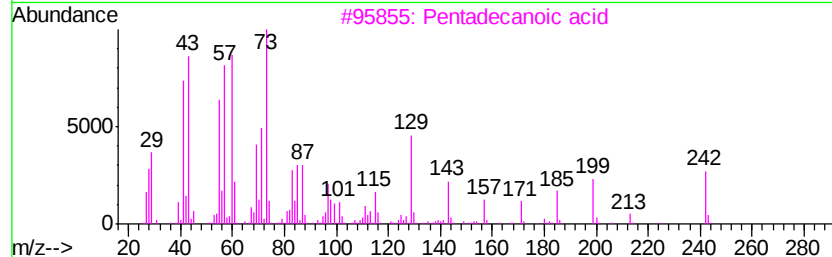
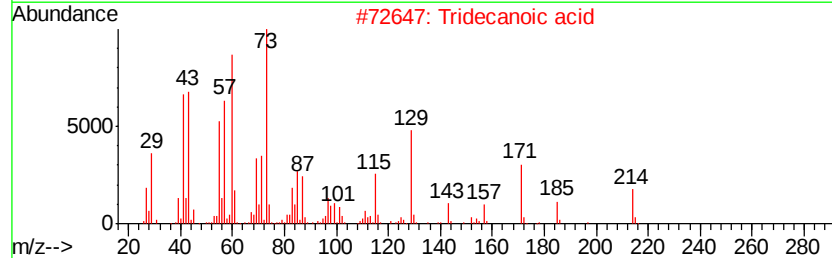
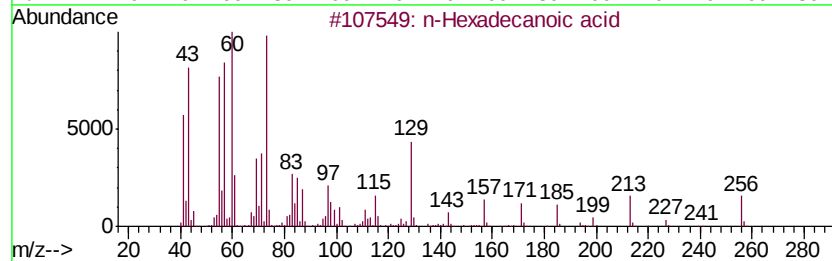
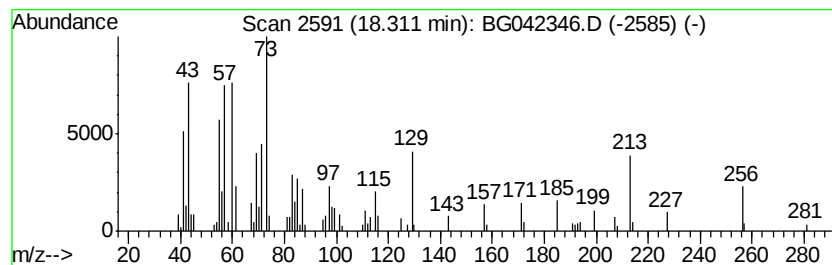
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.20 ng	105662	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58



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Misc :
ALS Vial : 19 Sample Multiplier: 1

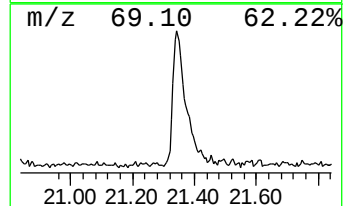
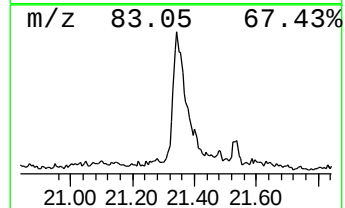
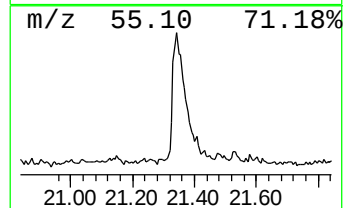
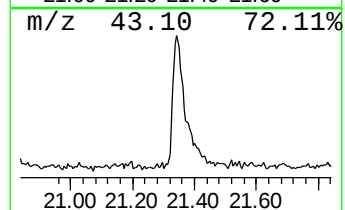
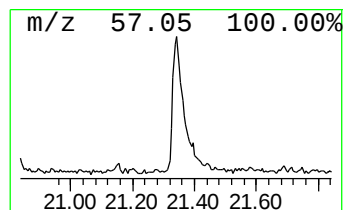
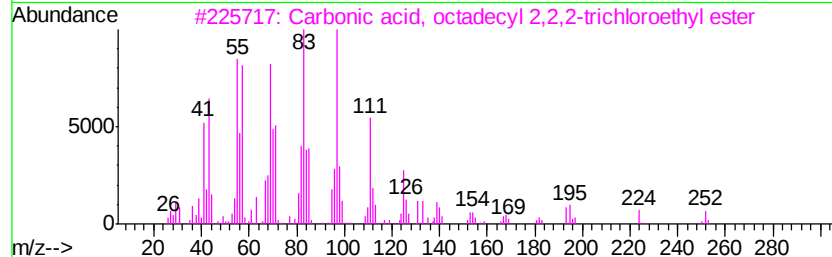
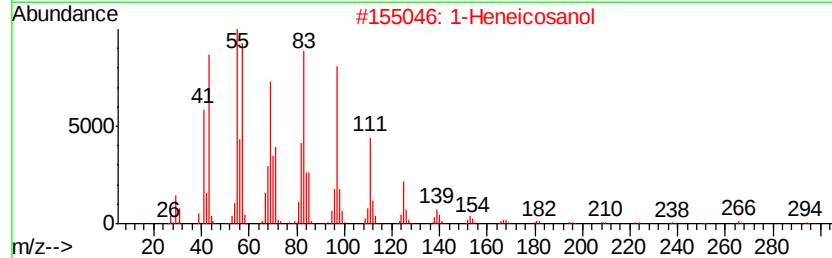
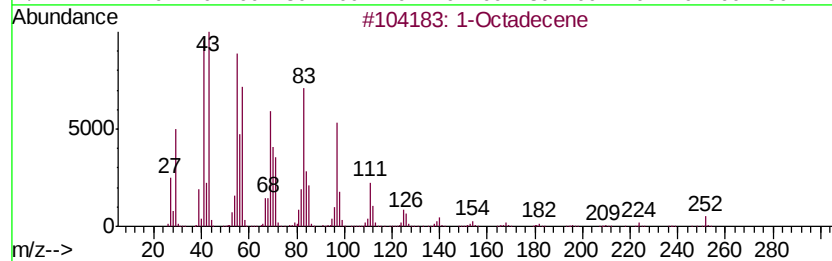
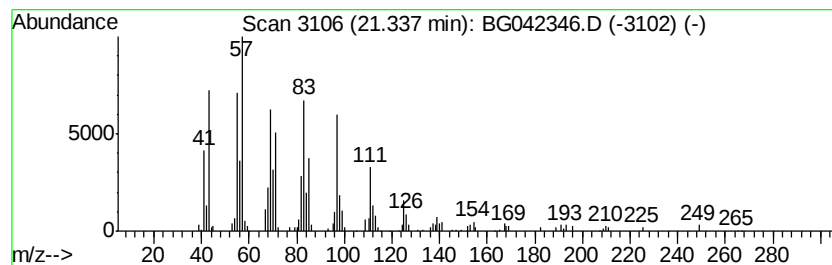
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Peak Number 5 1-Octadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	4.12 ng	234886	Chrysene-d12	21.69
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Octadecene	252 C18H36	000112-88-9	95
2	1-Heneicosanol	312 C21H44O	015594-90-8	93
3	Carbonic acid, octadecyl 2,2,2-t...	444 C21H39Cl3O3	1000314-56-3	93
4	Tricosyl trifluoroacetate	436 C25H47F3O2	1000351-75-1	93
5	Heptadecyl heptafluorobutyrate	452 C21H35F7O2	959085-66-6	93



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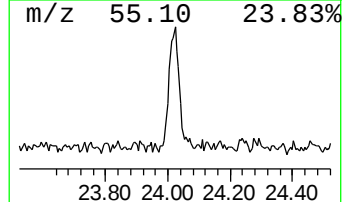
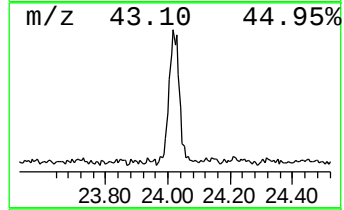
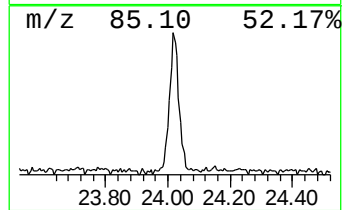
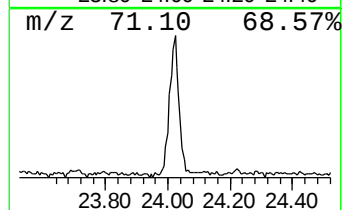
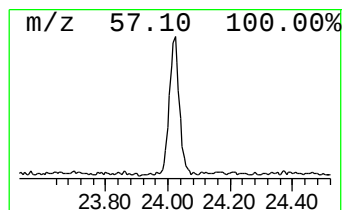
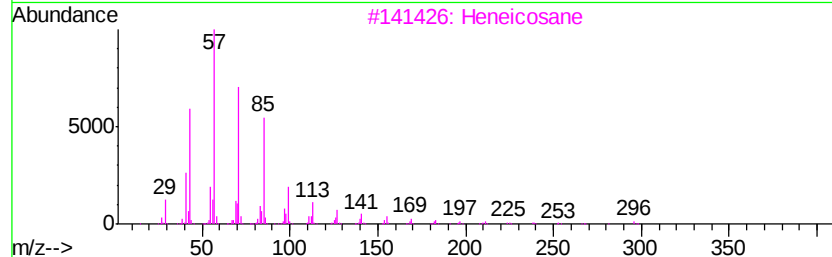
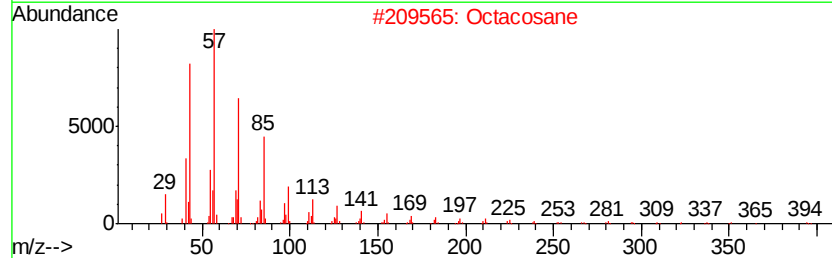
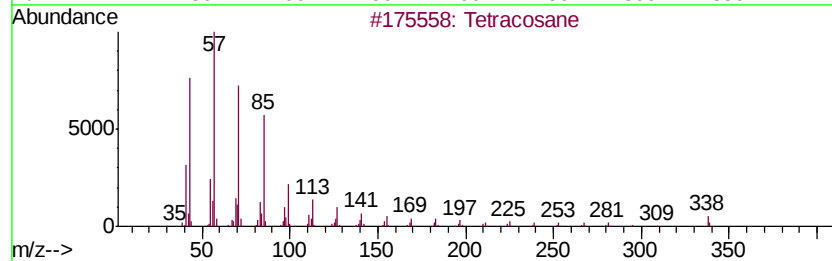
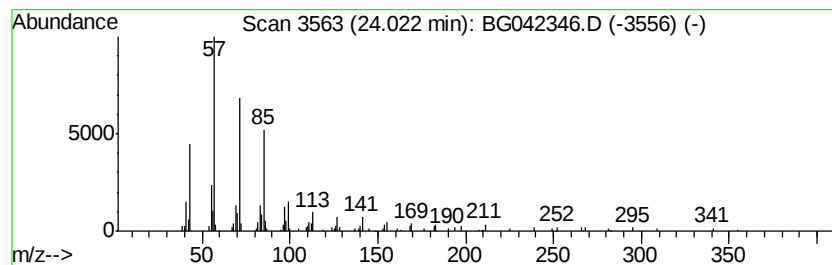
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Peak Number 6 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	2.17 ng	147531	Perylene-d12	24.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane		338	C24H50	000646-31-1	91
2	Octacosane		394	C28H58	000630-02-4	91
3	Heneicosane		296	C21H44	000629-94-7	90
4	Eicosane		282	C20H42	000112-95-8	90
5	Hexacosane		366	C26H54	000630-01-3	90



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TIC Library : C:\Database\NIST11.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.12	146.0	ng	2425830	1	8.01	332358	20.0
unknown7.54	7.54	93.5	ng	1554480	1	8.01	332358	20.0
n-Hexadecanoic acid	18.31	2.2	ng	105662	4	17.41	960819	20.0
1-Octadecene	21.34	4.1	ng	234886	5	21.69	1140400	20.0
Tetracosane	24.02	2.2	ng	147531	6	24.93	1360630	20.0