

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
 Data File : BM010165.D
 Acq On : 24 May 2017 05:35
 Operator : SJ/MA
 Sample : I3221-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX-09

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 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

Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.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	5.069	333	337	348	rBV	516364	718043	7.38%	1.452%
2	5.534	410	416	428	rBV	2587190	3618537	37.20%	7.315%
3	7.140	683	689	703	rBV	2358039	3702690	38.07%	7.485%
4	7.492	742	749	757	rBV	2523321	3881399	39.90%	7.847%
5	7.951	821	827	835	rVB	523409	811446	8.34%	1.640%
6	8.275	874	882	891	rBV	1964113	3088627	31.75%	6.244%
7	9.139	1022	1029	1037	rBV	1302673	2163711	22.25%	4.374%
8	10.763	1297	1305	1314	rBV	599139	988513	10.16%	1.998%
9	11.951	1500	1507	1520	rBV	64788	122338	1.26%	0.247%
10	13.210	1711	1721	1730	rBV	3665274	5330271	54.80%	10.776%
11	14.045	1858	1863	1871	rVB	536541	733199	7.54%	1.482%
12	14.586	1947	1955	1965	rBV2	918954	1371900	14.10%	2.773%
13	16.074	2202	2208	2221	rBV	3334111	4541598	46.69%	9.181%
14	17.333	2416	2422	2435	rBV	1285014	1844030	18.96%	3.728%
15	18.174	2561	2565	2575	rBV	257577	394041	4.05%	0.797%
16	19.380	2765	2770	2775	rVB	74343	110580	1.14%	0.224%
17	19.445	2777	2781	2790	rBV5	100366	180243	1.85%	0.364%
18	19.933	2858	2864	2871	rBV	8263771	9726663	100.00%	19.664%
19	21.150	3067	3071	3080	rBV9	134433	308759	3.17%	0.624%
20	21.492	3124	3129	3134	rBV	2187131	2785897	28.64%	5.632%
21	23.856	3525	3531	3540	rVB	1543345	3042952	31.28%	6.152%

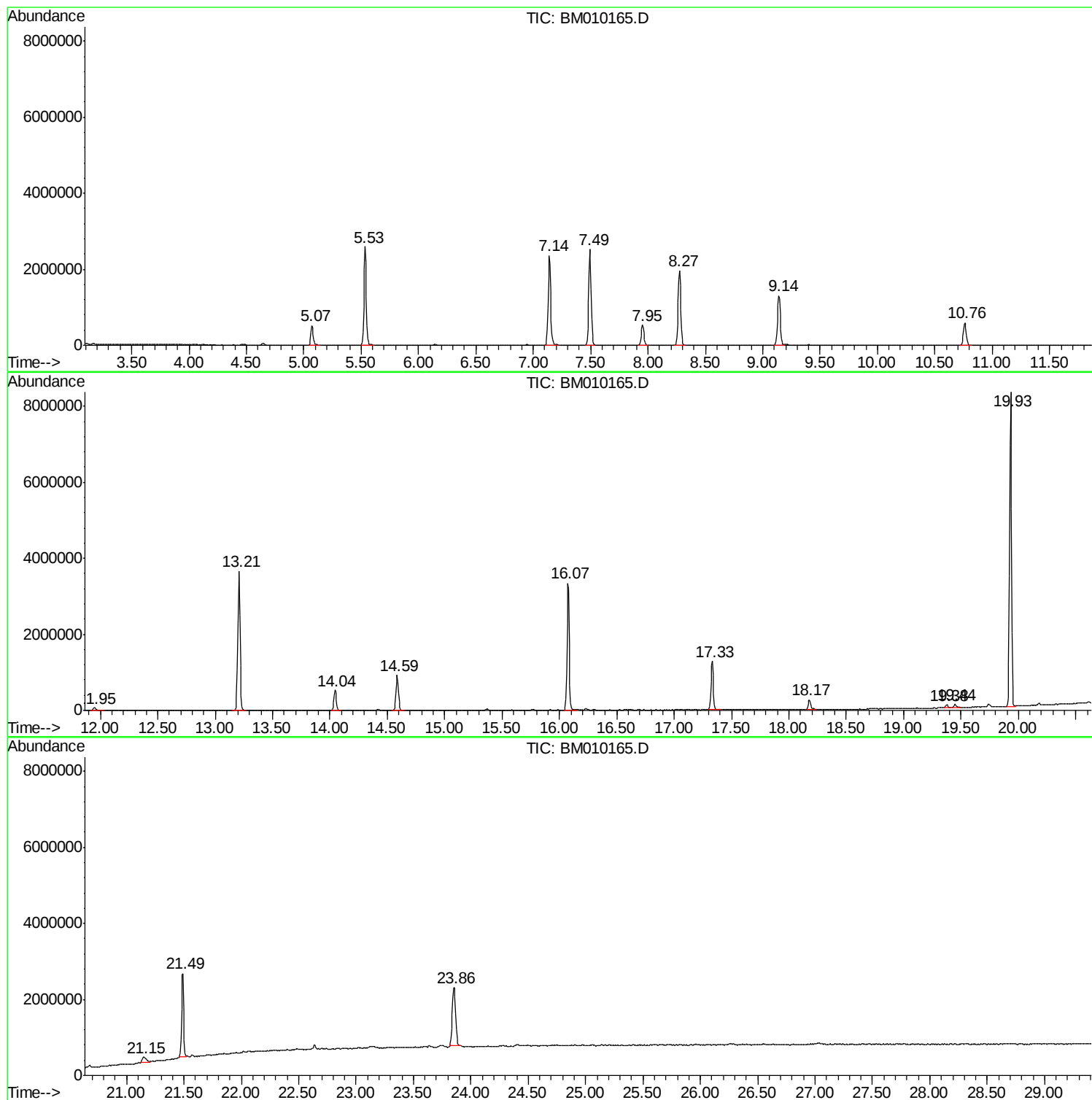
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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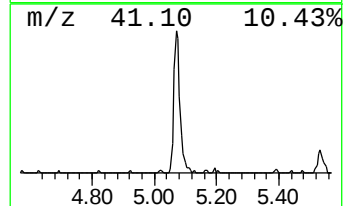
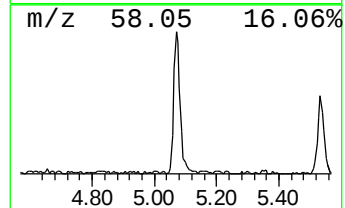
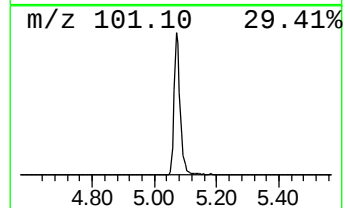
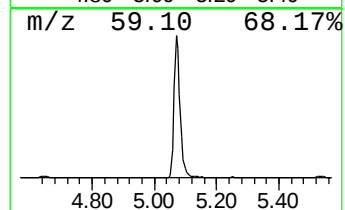
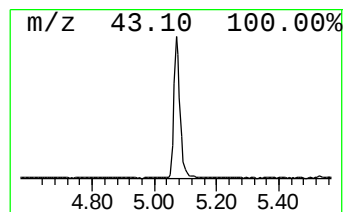
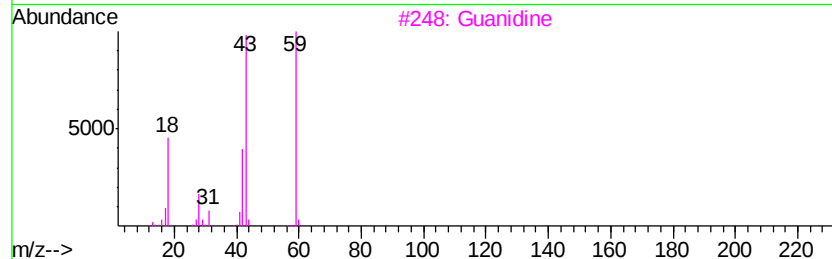
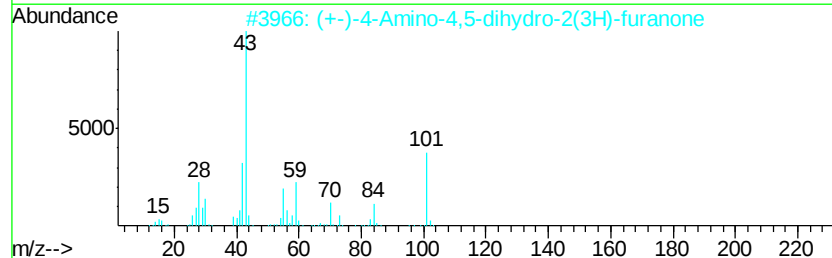
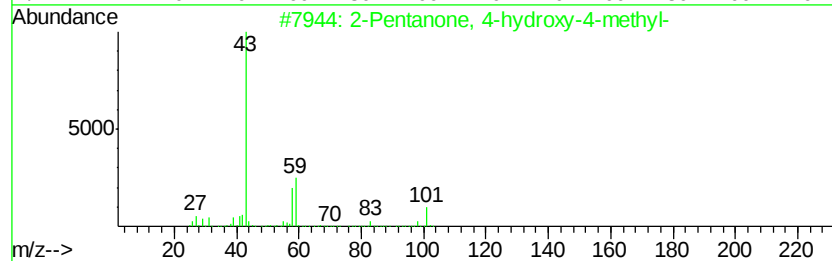
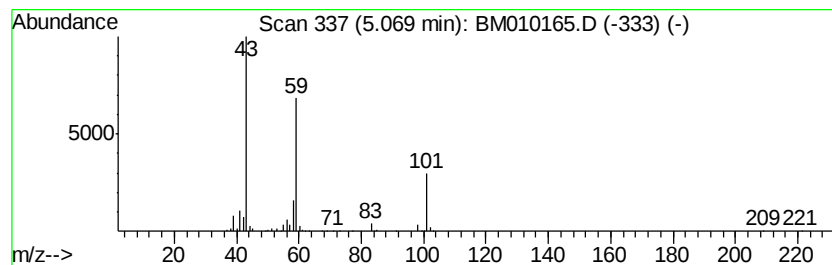
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.07	17.70 ng	718043	1,4-Dichlorobenzene-d4	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3		Guanidine	59	CH5N3	000113-00-8	43
4		4-Methoxy-1-pentene	100	C6H12O	098386-09-5	12
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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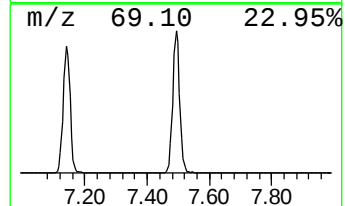
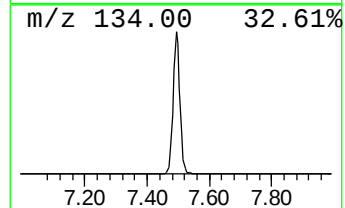
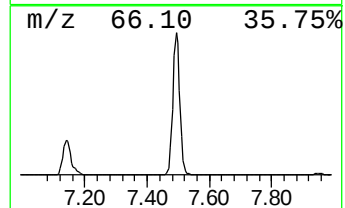
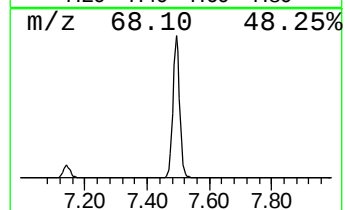
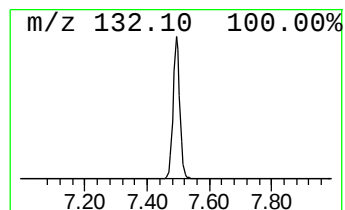
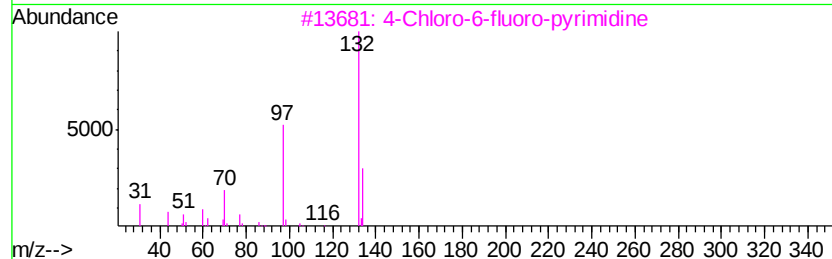
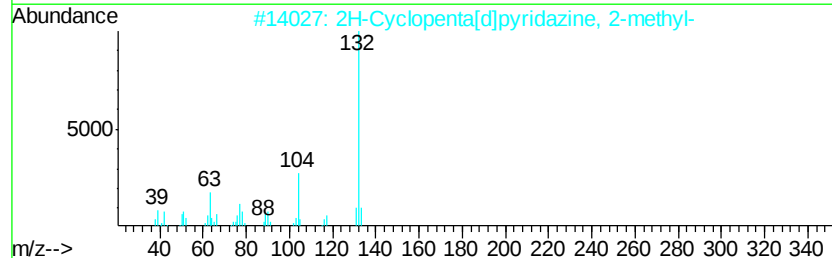
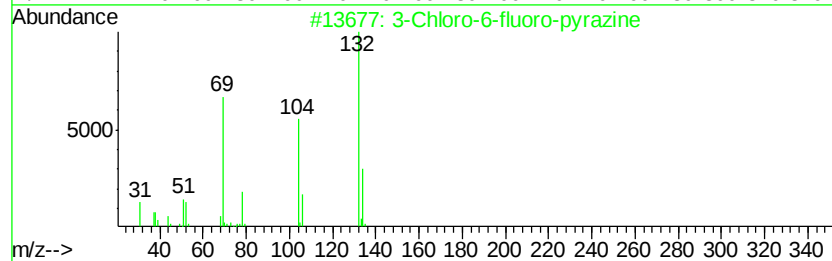
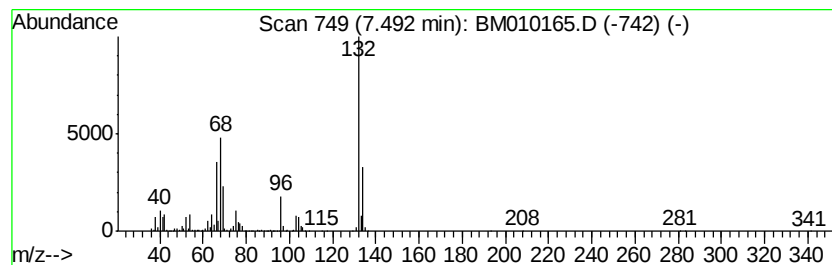
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	95.67 ng	3881400	1,4-Dichlorobenzene-d4	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	27
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22



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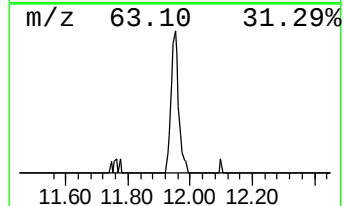
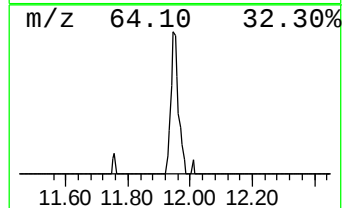
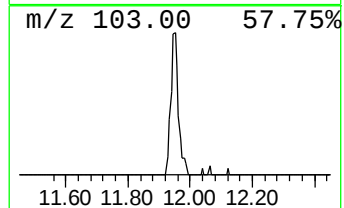
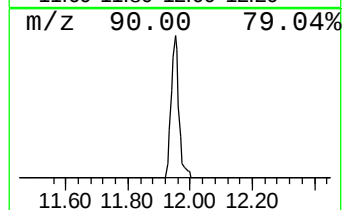
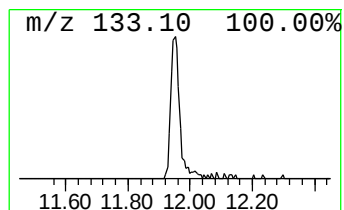
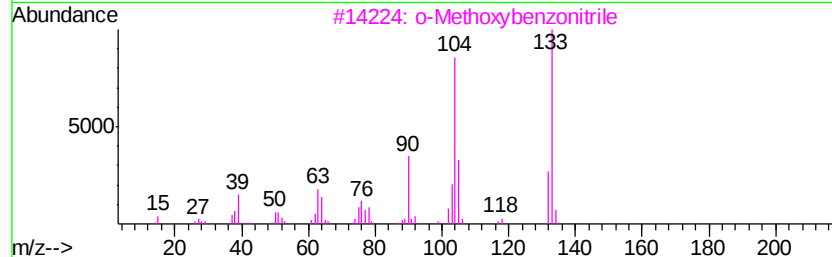
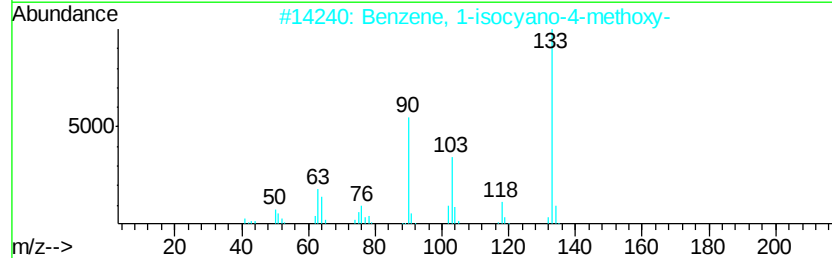
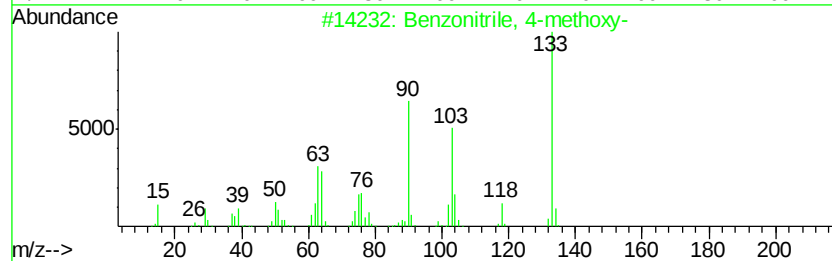
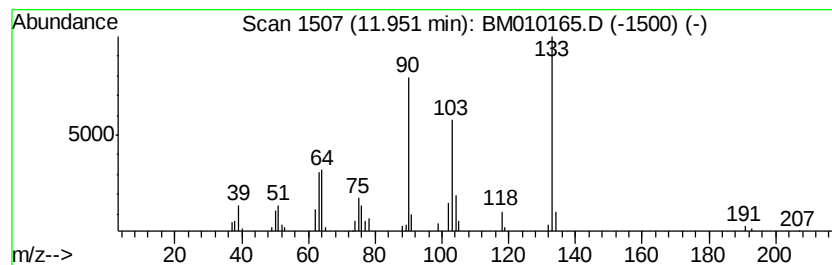
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Peak Number 4 Benzonitrile, 4-methoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.48 ng	122338	Naphthalene-d8	10.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzonitrile, 4-methoxy-	133	C8H7NO	000874-90-8	97
2		Benzene, 1-isocyano-4-methoxy-	133	C8H7NO	010349-38-9	94
3		o-Methoxybenzonitrile	133	C8H7NO	006609-56-9	87
4		4-Hydrazinobenzonitrile	133	C7H7N3	017672-27-4	83
5		Carbonic acid, methyl ester, est...	177	C9H7NO3	017175-19-8	56



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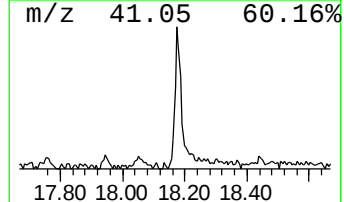
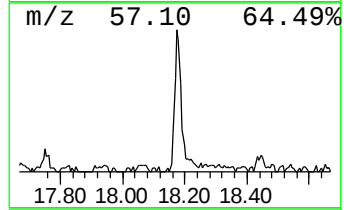
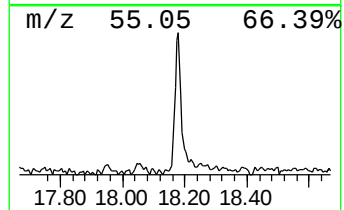
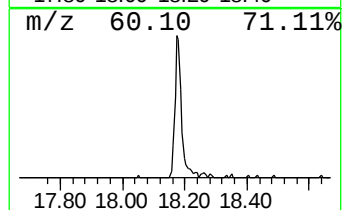
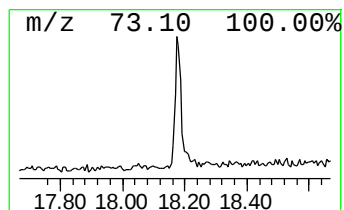
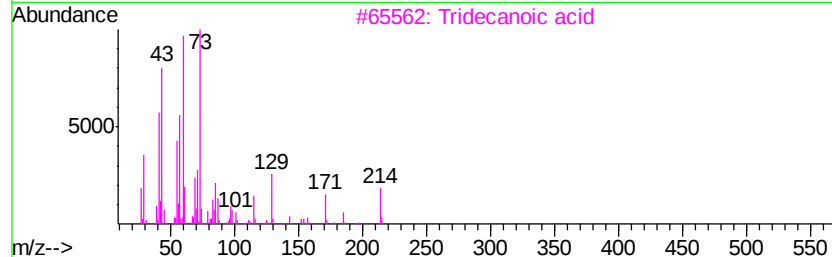
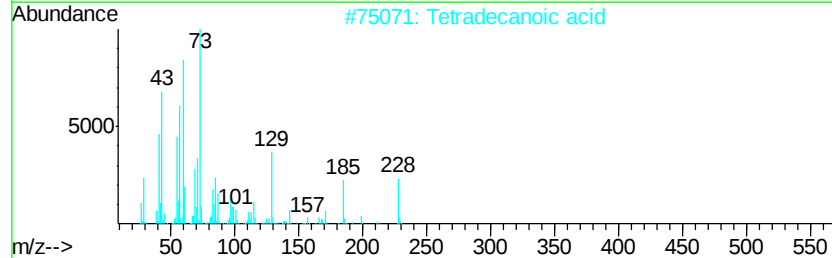
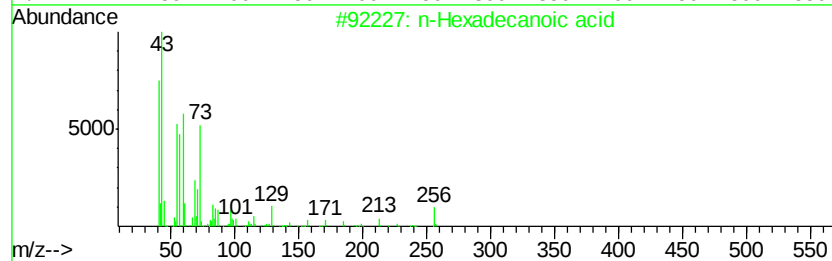
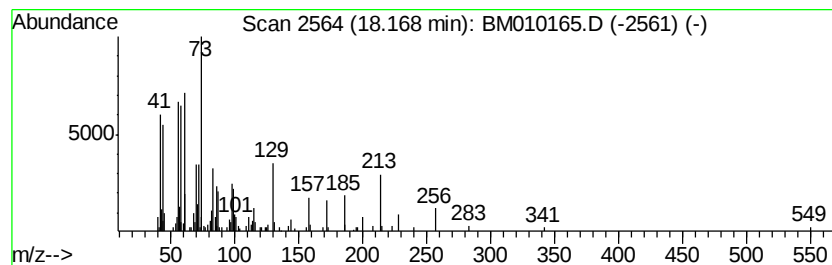
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	4.27 ng	394041	Phenanthrene-d10	17.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	64
4		Undecanoic acid	186	C11H22O2	000112-37-8	53
5		n-Decanoic acid	172	C10H20O2	000334-48-5	46



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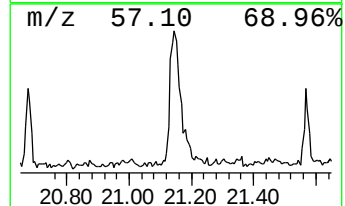
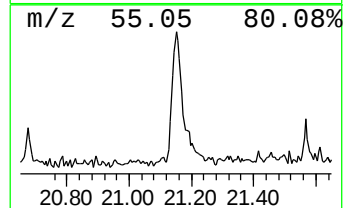
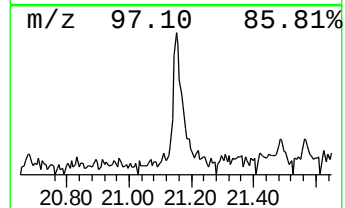
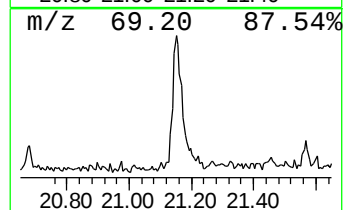
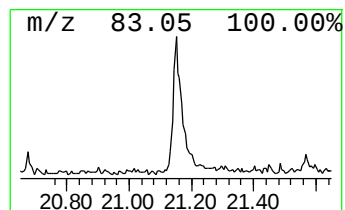
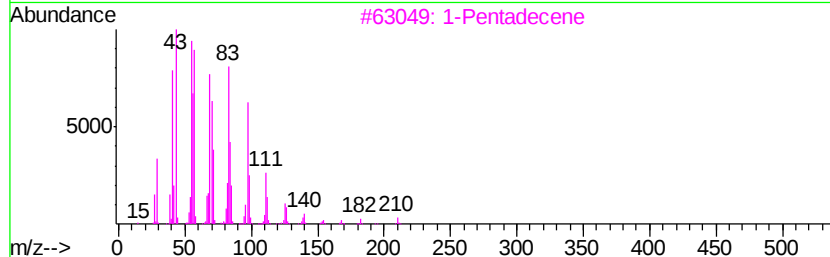
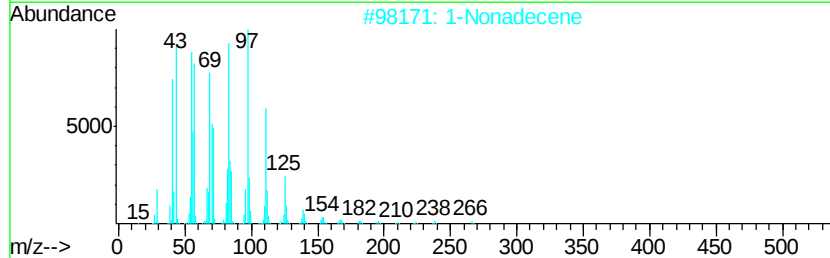
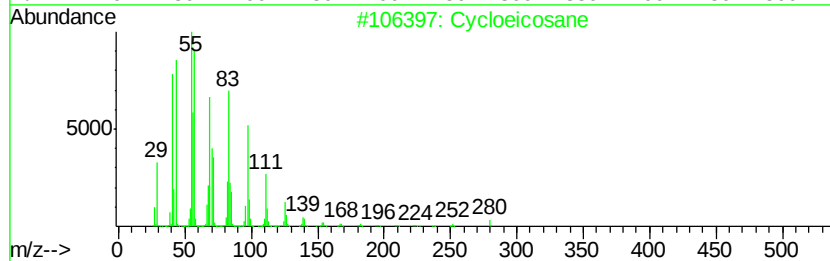
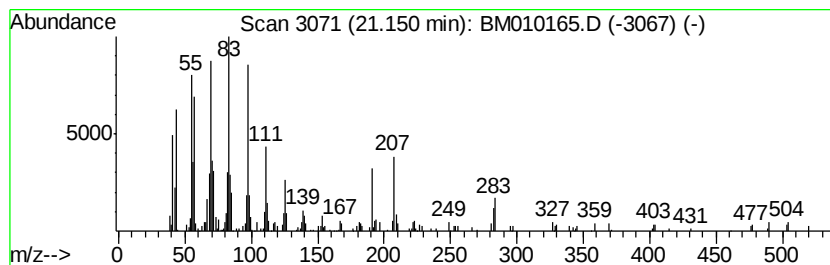
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Peak Number 6 Cycloeicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	2.22 ng	308759	Chrysene-d12	21.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cycloeicosane	280 C20H40	000296-56-0 97
2		1-Nonadecene	266 C19H38	018435-45-5 96
3		1-Pentadecene	210 C15H30	013360-61-7 76
4		2-Methyl-7-nonadecene	280 C20H40	219750-68-2 70
5		Bacteriochlorophyll-c-stearyl	841 C52H72MgN4O4	1000164-49-7 60



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.07	17.7	ng	718043	1	7.95	811446	20.0
unknown7.49	7.49	95.7	ng	3881400	1	7.95	811446	20.0
Benzonitrile, 4-m...	11.95	2.5	ng	122338	2	10.76	988513	20.0
n-Hexadecanoic acid	18.17	4.3	ng	394041	4	17.33	1844030	20.0
Cycloeicosane	21.15	2.2	ng	308759	5	21.49	2785900	20.0