

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
 Data File : BM010255.D
 Acq On : 26 May 2017 13:59
 Operator : SJ/MA
 Sample : I3221-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX-10

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	5.063	331	336	345	rBV	414862	587121	8.68%	1.547%
2	5.522	408	414	428	rBV	2086573	2939819	43.44%	7.747%
3	7.128	680	687	706	rBV	1784390	2890257	42.71%	7.616%
4	7.481	740	747	759	rBV	1984400	3098347	45.79%	8.164%
5	7.939	818	825	832	rBV	456018	708824	10.47%	1.868%
6	8.257	872	879	888	rBV	1462864	2386049	35.26%	6.288%
7	9.128	1019	1027	1035	rBV	1074931	1731095	25.58%	4.562%
8	10.745	1295	1302	1312	rBV	501706	834276	12.33%	2.198%
9	13.192	1711	1718	1727	rBV	2573999	3597963	53.17%	9.481%
10	14.033	1855	1861	1868	rBV	252533	361383	5.34%	0.952%
11	14.574	1946	1953	1962	rBV2	713551	1098002	16.23%	2.893%
12	16.062	2200	2206	2224	rBV	2336437	3343065	49.40%	8.809%
13	17.315	2413	2419	2426	rBV	972311	1425644	21.07%	3.757%
14	18.162	2558	2563	2573	rBV2	152452	273458	4.04%	0.721%
15	19.921	2856	2862	2868	rBV	5793297	6766833	100.00%	17.831%
16	20.662	2986	2988	2991	rBV2	68359	73063	1.08%	0.193%
17	21.121	3063	3066	3069	rBV	173264	201121	2.97%	0.530%
18	21.480	3122	3127	3132	rBV	1922085	2350797	34.74%	6.195%
19	21.556	3137	3140	3144	rVB	244954	289837	4.28%	0.764%
20	22.003	3213	3216	3221	rVB	281804	311924	4.61%	0.822%
21	23.838	3522	3528	3538	rVB	1349388	2680164	39.61%	7.063%

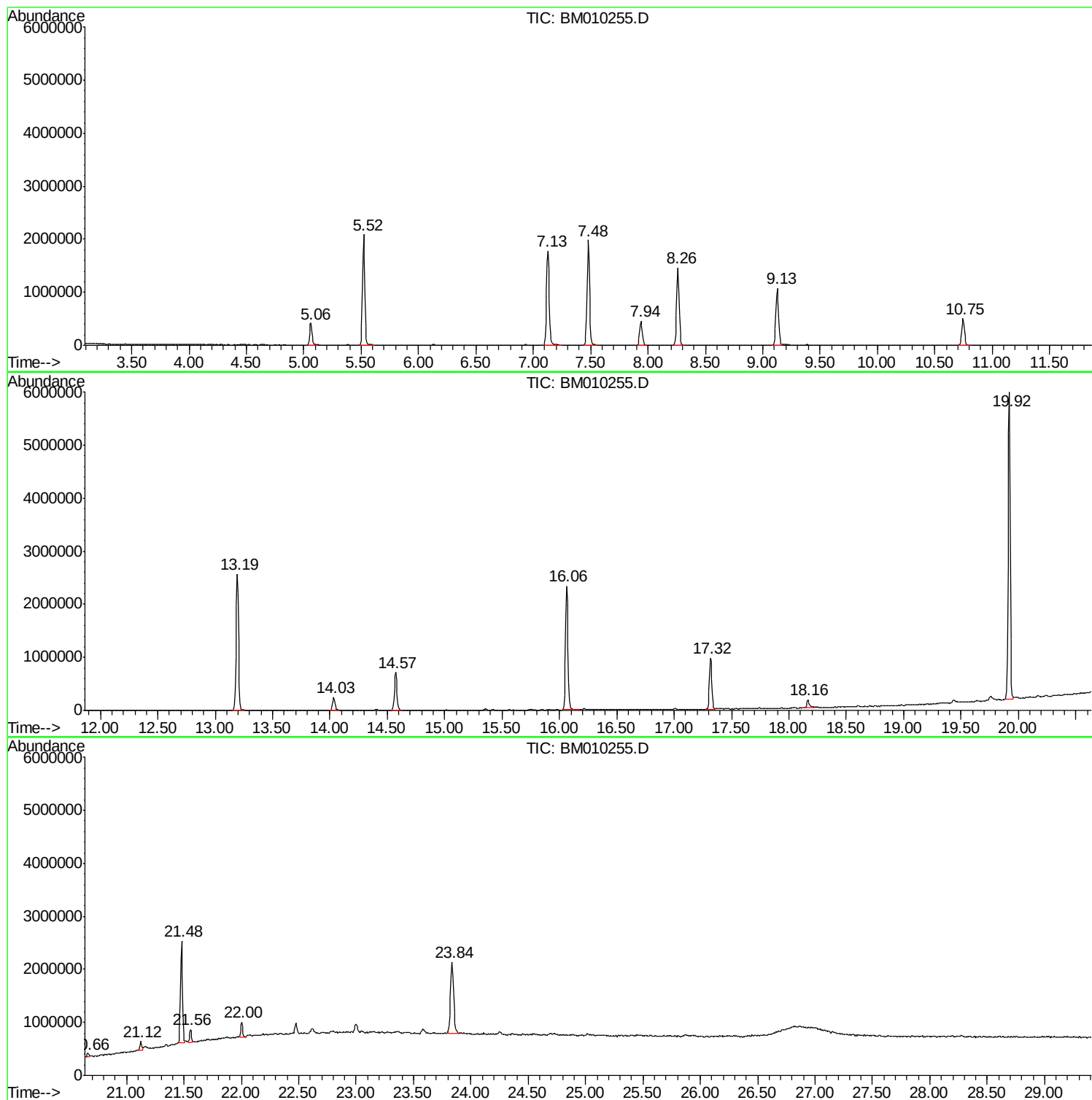
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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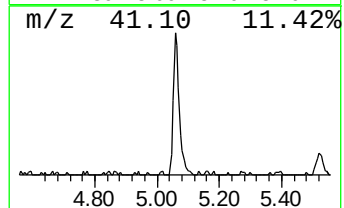
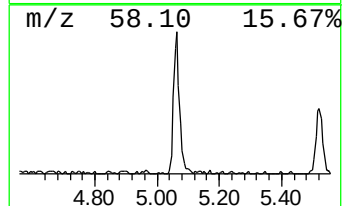
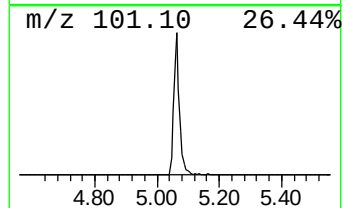
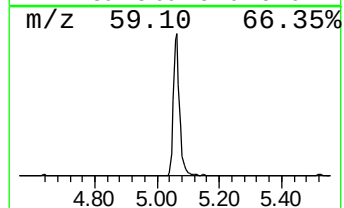
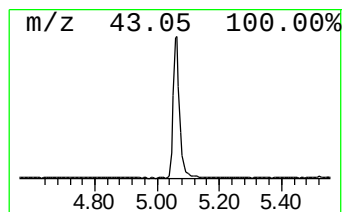
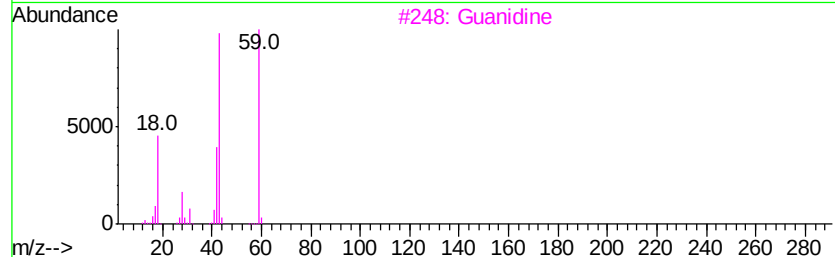
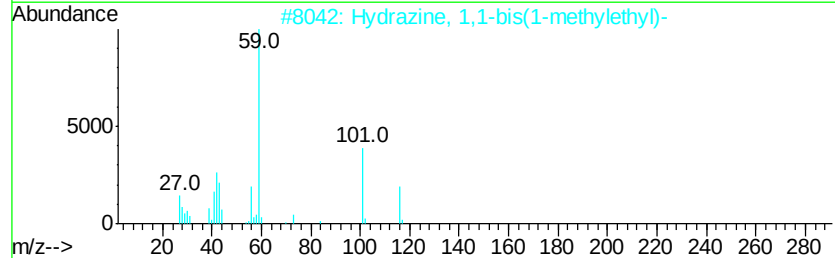
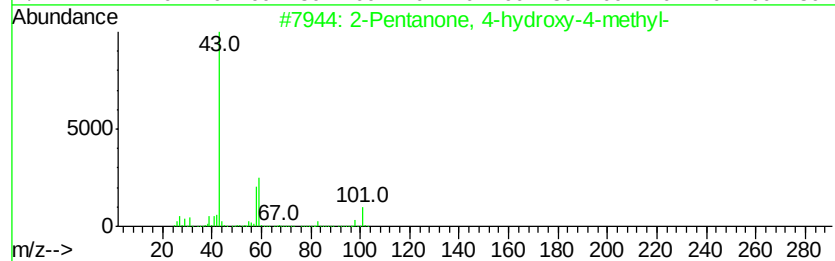
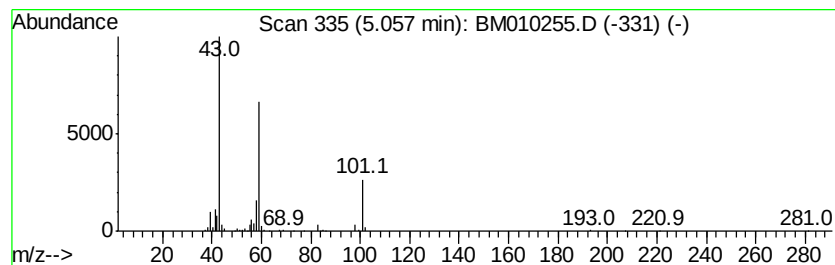
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	16.57 ng	587121	1,4-Dichlorobenzene-d4	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	47
3		Guanidine	59	CH5N3	000113-00-8	43
4		Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	36
5		Dimethadione	129	C5H7NO3	000695-53-4	33



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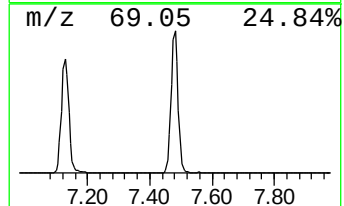
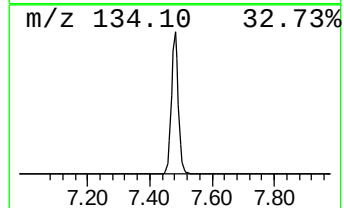
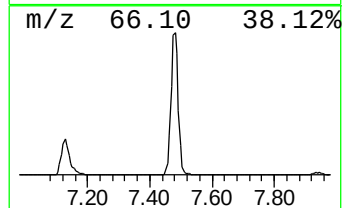
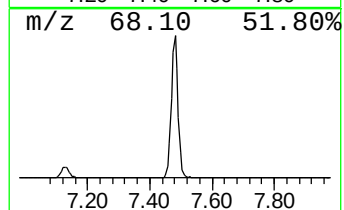
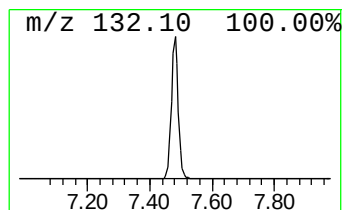
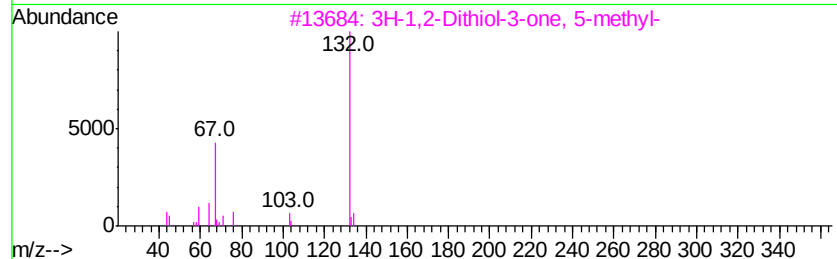
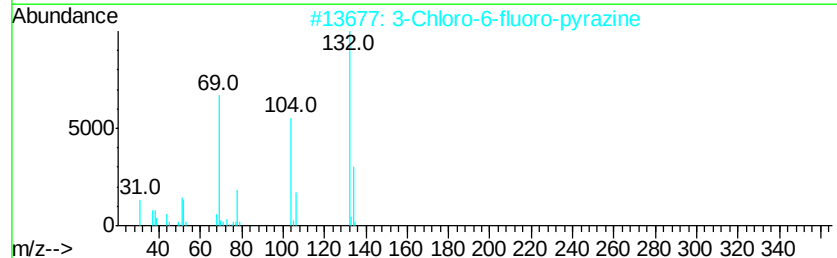
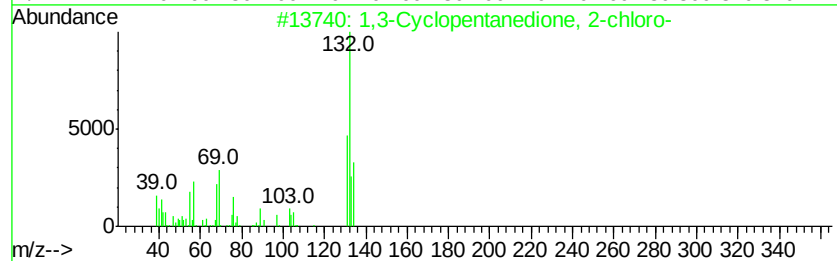
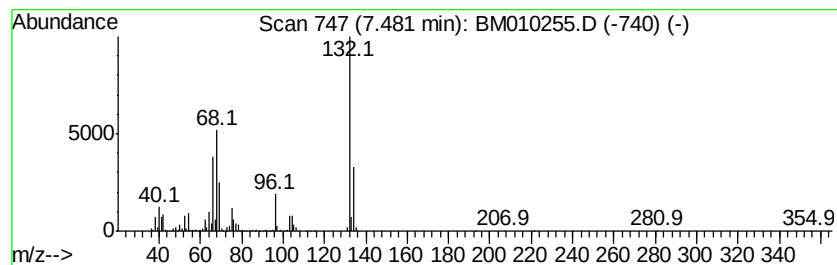
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	87.42 ng	3098350	1,4-Dichlorobenzene-d4	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10



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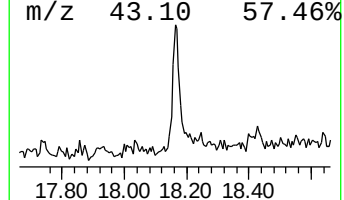
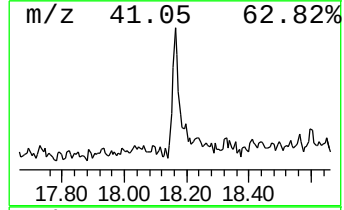
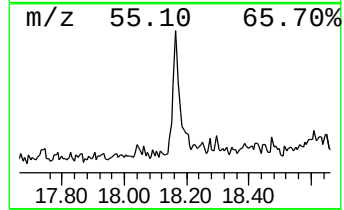
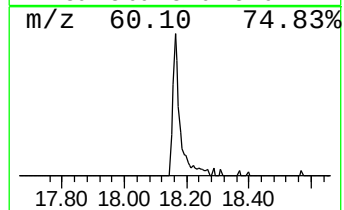
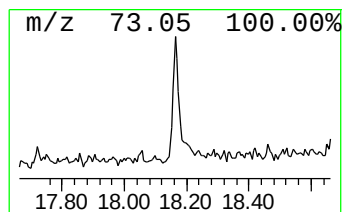
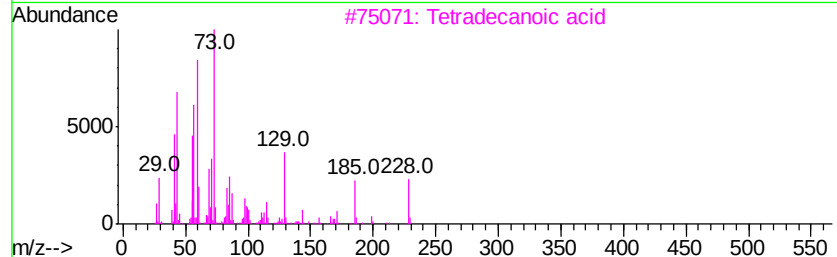
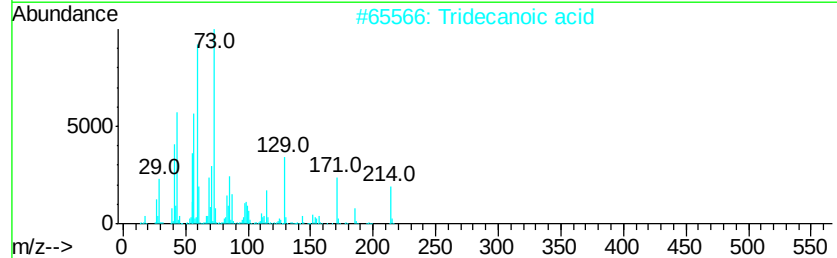
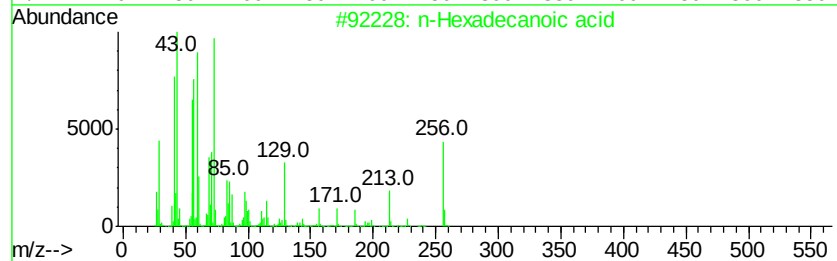
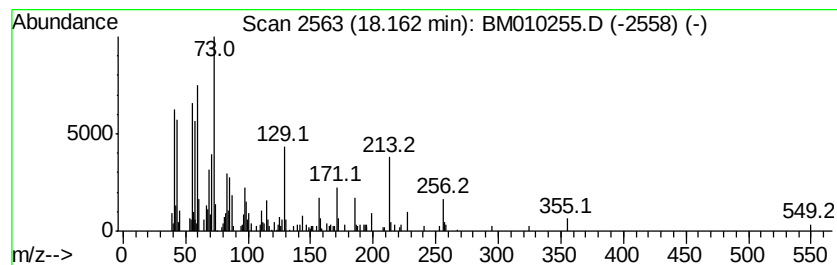
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	3.84 ng	273458	Phenanthrene-d10	17.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	81
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4		Undecanoic acid	186	C11H22O2	000112-37-8	62
5		n-Decanoic acid	172	C10H20O2	000334-48-5	60



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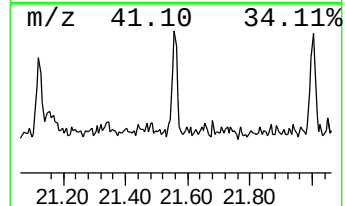
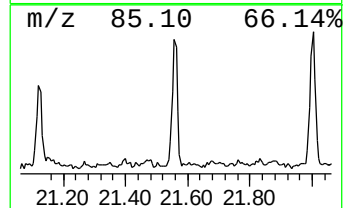
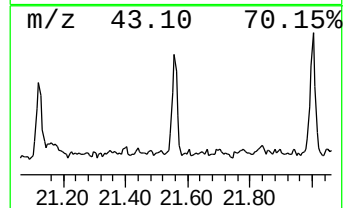
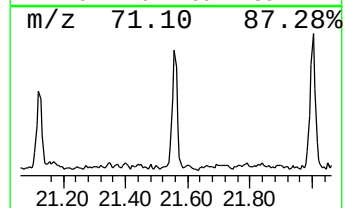
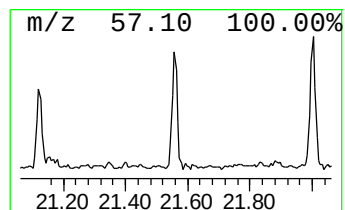
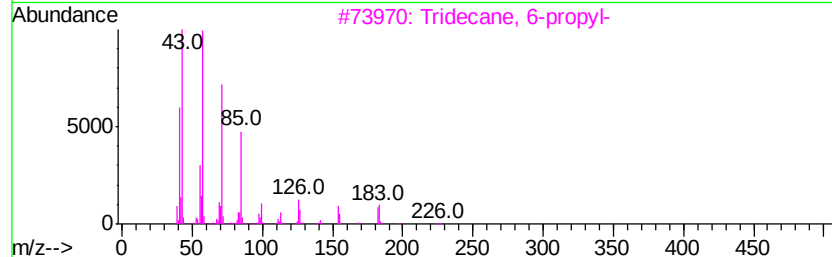
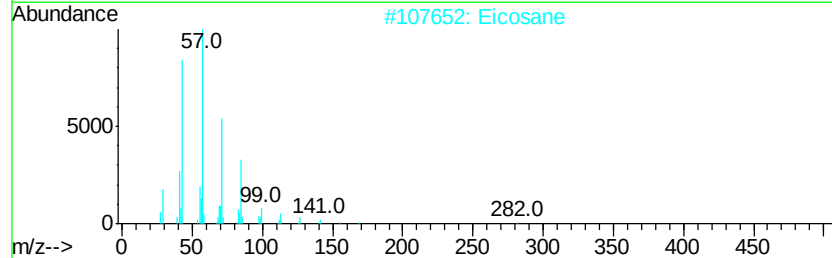
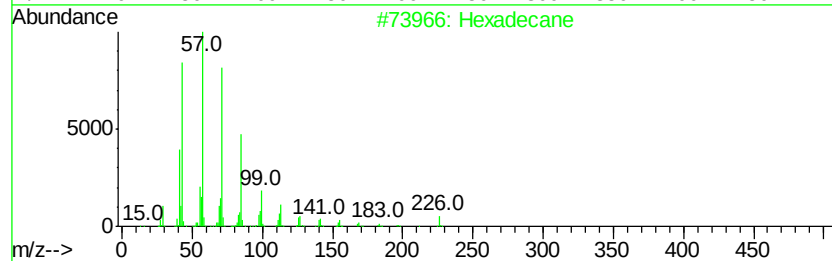
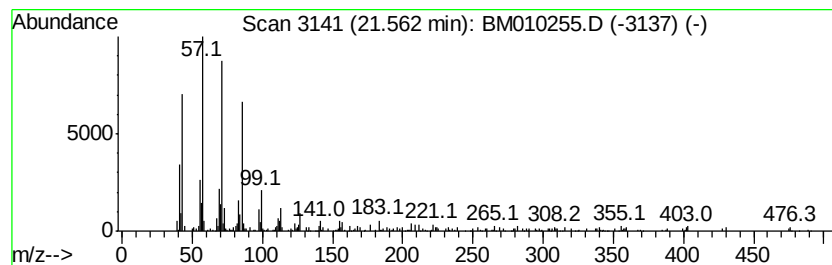
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.56	2.47 ng	289837	Chrysene-d12		21.48
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	87
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83
5	Octacosane	394	C28H58	000630-02-4	83



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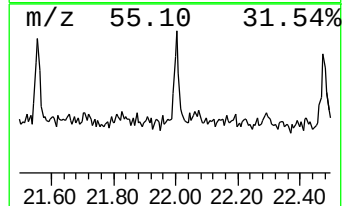
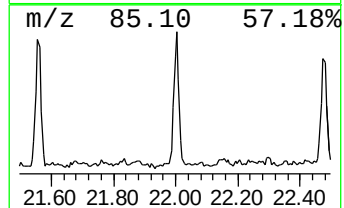
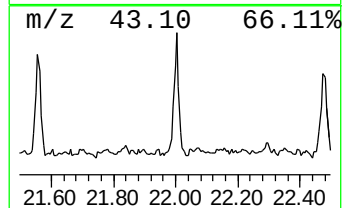
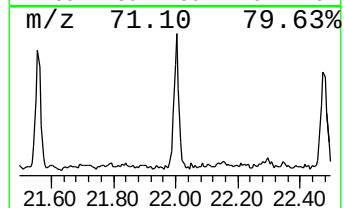
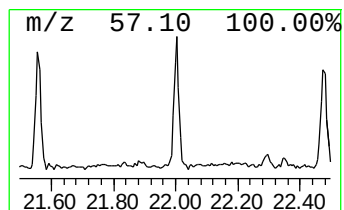
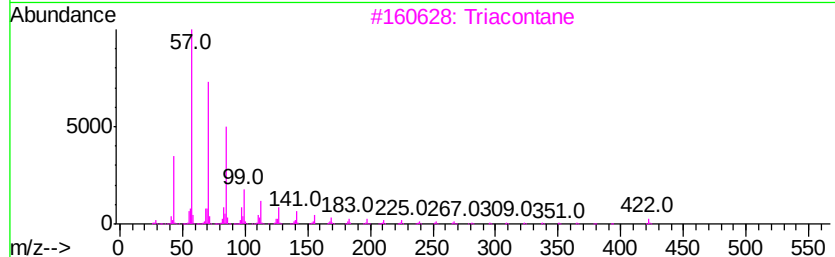
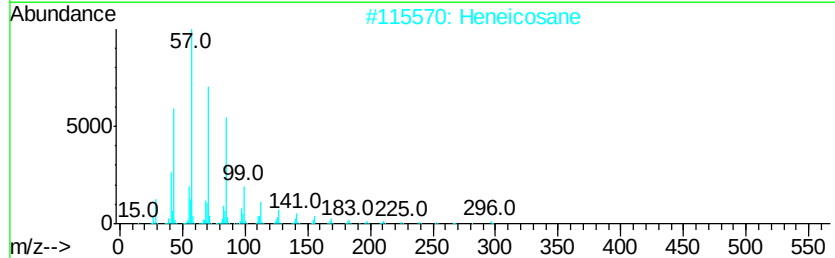
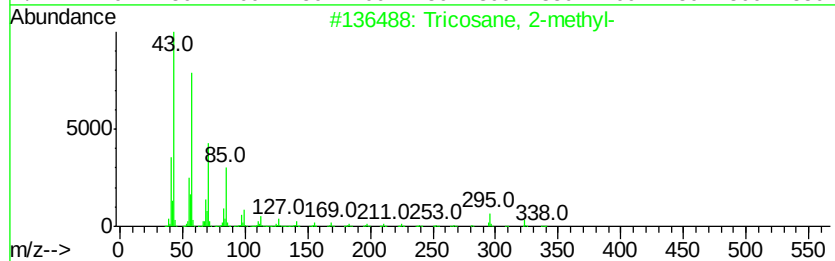
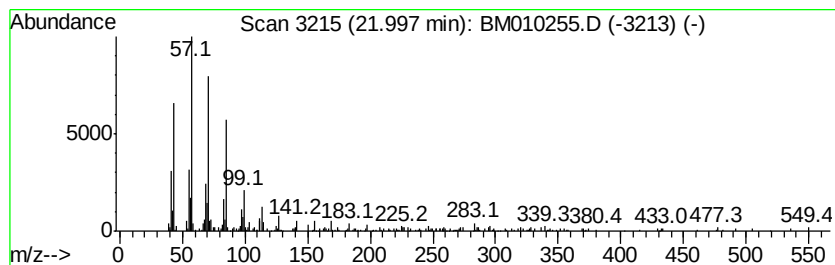
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Peak Number 6 Tricosane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
22.00	2.65 ng	311924	Chrysene-d12		21.48
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane, 2-methyl-	338	C24H50	001928-30-9	90
2	Heneicosane	296	C21H44	000629-94-7	81
3	Triacontane	422	C30H62	000638-68-6	81
4	Tetratetracontane	619	C44H90	007098-22-8	81
5	Tetratriacontane	479	C34H70	014167-59-0	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.06	16.6	ng	587121	1	7.94	708824	20.0
unknown7.48	7.48	87.4	ng	3098350	1	7.94	708824	20.0
n-Hexadecanoic acid	18.16	3.8	ng	273458	4	17.32	1425640	20.0
Hexadecane	21.56	2.5	ng	289837	5	21.48	2350800	20.0
Tricosane, 2-methyl-	22.00	2.6	ng	311924	5	21.48	2350800	20.0