

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
 Data File : BM018252.D
 Acq On : 17 Dec 2018 17:03
 Operator : JU/SJ
 Sample : J6357-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-01A

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.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	4.687	301	306	315	rVB	92814	125165	2.69%	0.352%
2	5.128	375	381	400	rBV	2490973	3490365	74.88%	9.826%
3	6.699	640	648	670	rBV	2216804	3738571	80.20%	10.524%
4	7.034	698	705	718	rBV	2479086	3800811	81.54%	10.700%
5	7.493	777	783	791	rBV	475349	737930	15.83%	2.077%
6	7.805	829	836	846	rBV	1843264	2958155	63.46%	8.327%
7	8.652	973	980	994	rBV	1304045	2194777	47.08%	6.178%
8	10.263	1247	1254	1268	rBV	493161	904305	19.40%	2.546%
9	12.757	1671	1678	1689	rBV	2998156	4390071	94.18%	12.358%
10	13.628	1820	1826	1836	rBV	138086	236947	5.08%	0.667%
11	14.151	1909	1915	1928	rVB2	625304	989635	21.23%	2.786%
12	15.663	2164	2172	2183	rBV	1767000	2705064	58.03%	7.615%
13	16.916	2379	2385	2401	rBV	681010	1016587	21.81%	2.862%
14	17.827	2533	2540	2550	rBV2	238831	361964	7.77%	1.019%
15	19.127	2756	2761	2768	rBV2	96413	162275	3.48%	0.457%
16	19.574	2831	2837	2843	rBV	3834256	4661462	100.00%	13.122%
17	20.863	3052	3056	3062	rVB	349482	434891	9.33%	1.224%
18	21.139	3099	3103	3112	rBV	896226	1265231	27.14%	3.562%
19	23.304	3466	3471	3482	rVB2	723672	1348613	28.93%	3.796%

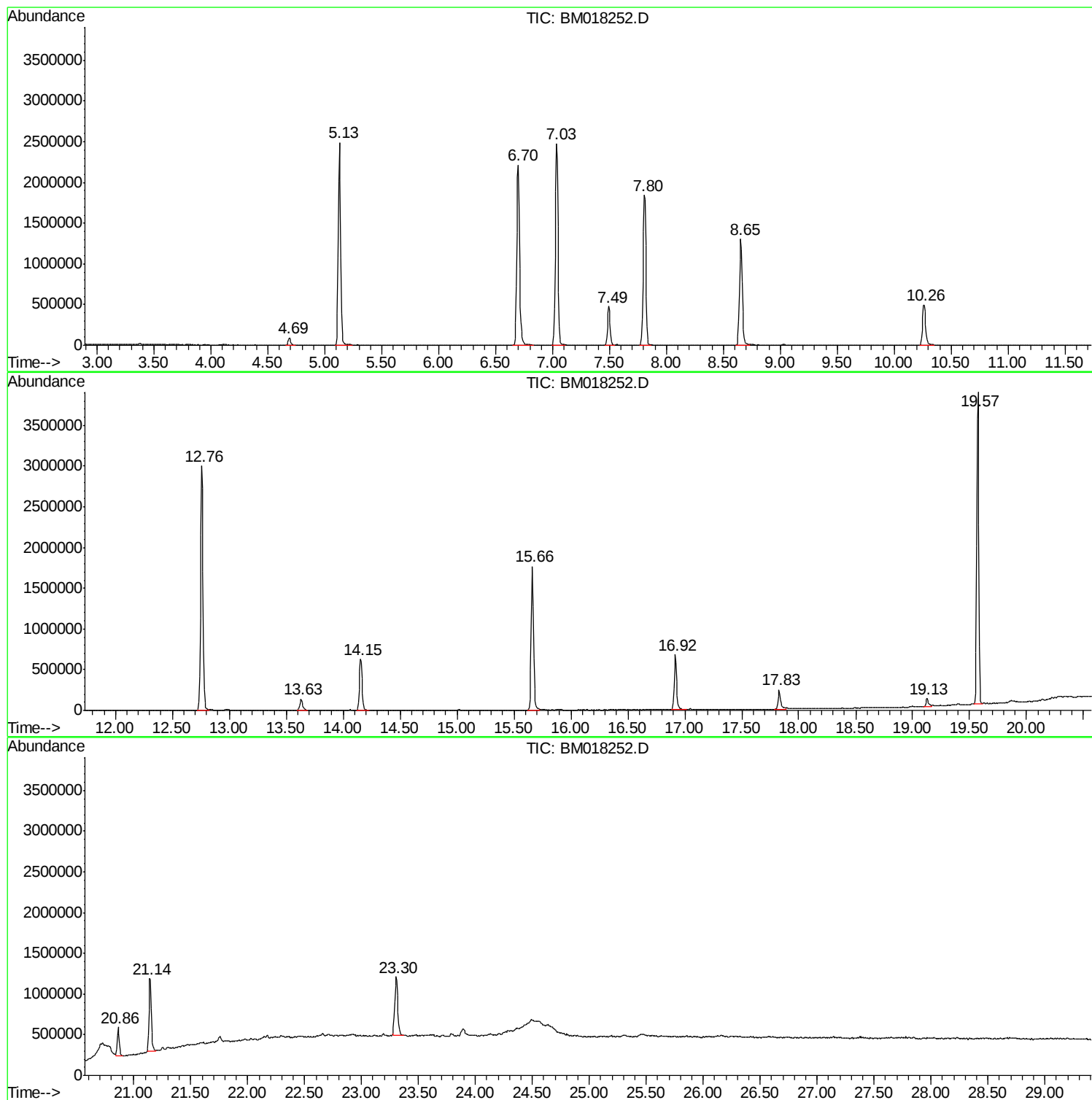
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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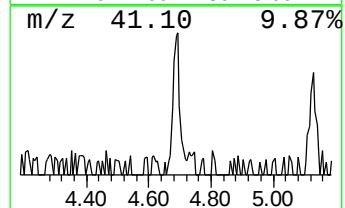
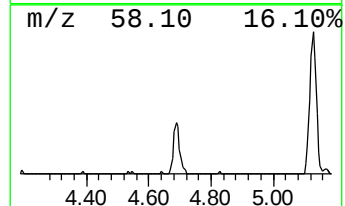
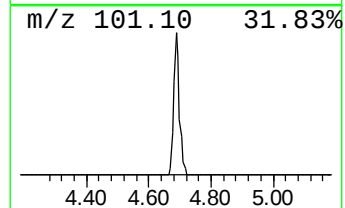
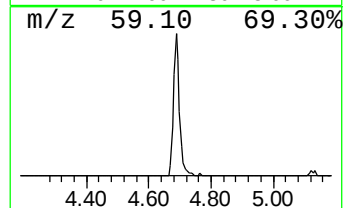
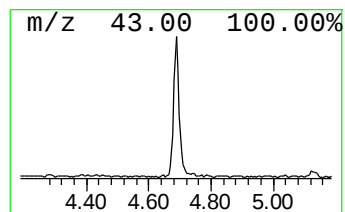
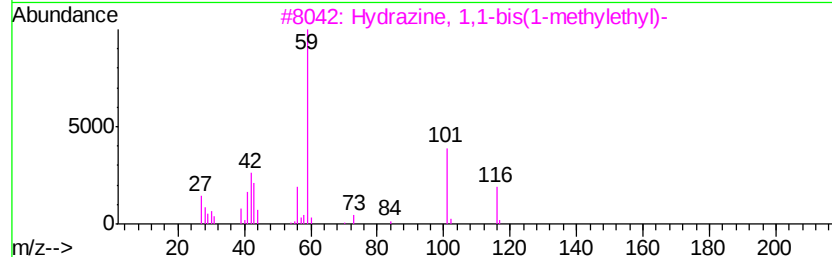
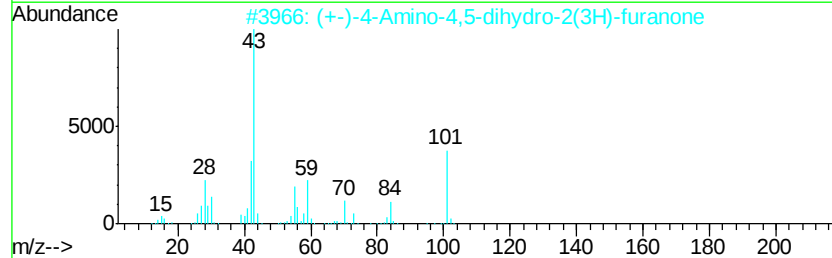
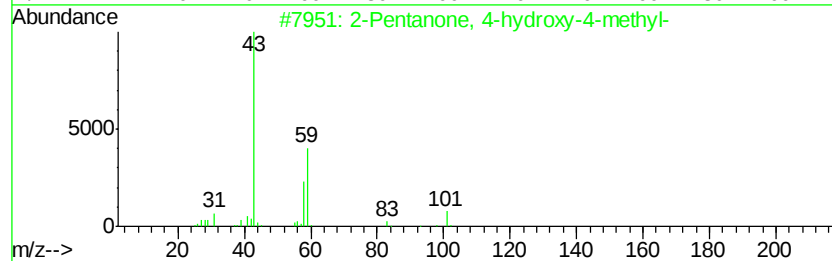
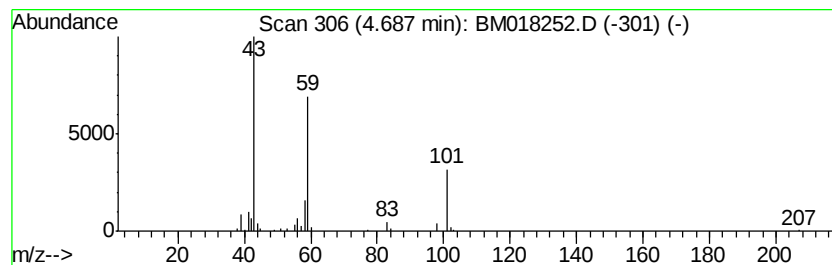
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	3.39 ng	125165	1,4-Dichlorobenzene-d4	7.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3		Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
4		Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	36
5		Dimethadione	129	C5H7NO3	000695-53-4	33



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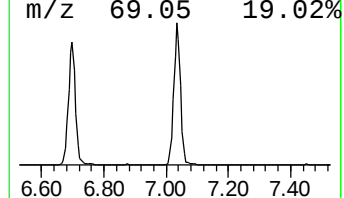
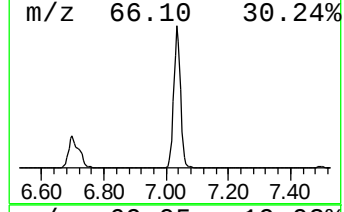
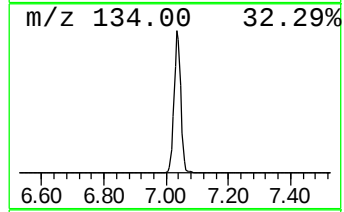
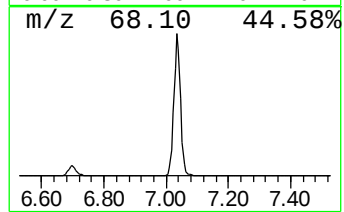
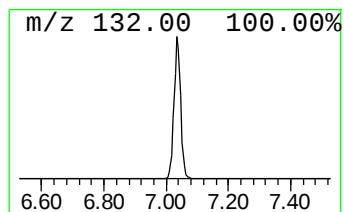
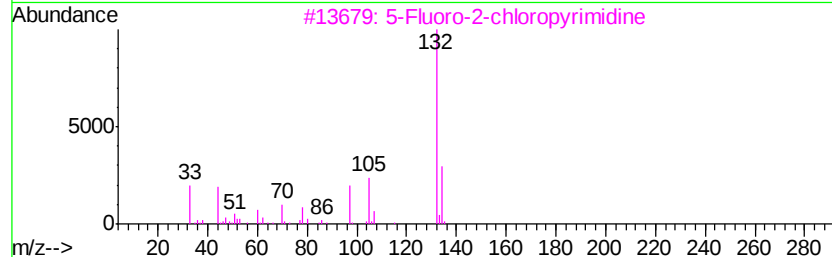
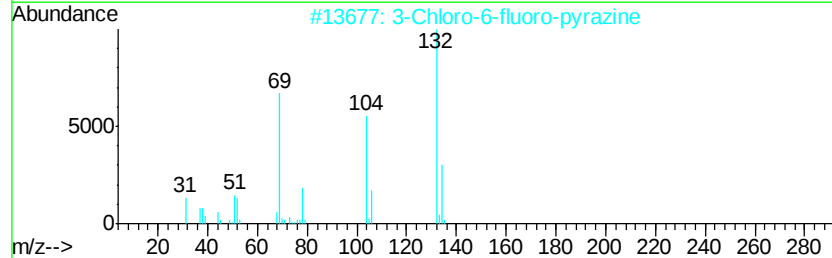
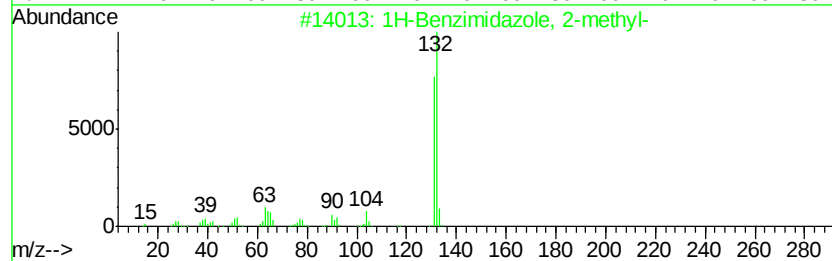
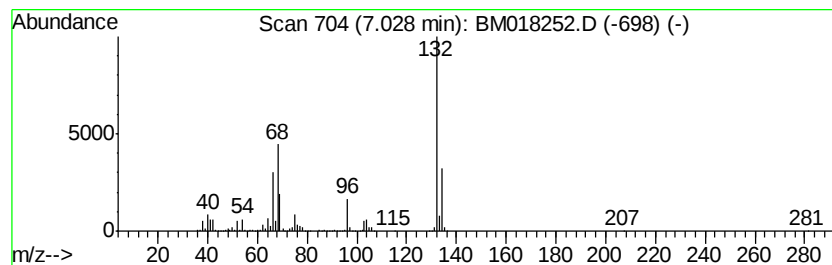
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Peak Number 2 unknown7.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	103.01 ng	3800810	1,4-Dichlorobenzene-d4	7.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9



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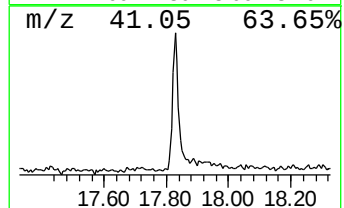
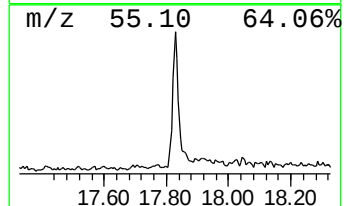
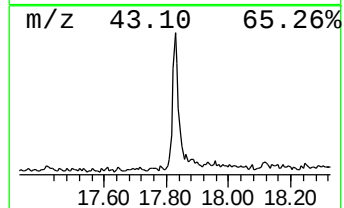
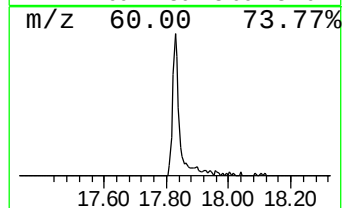
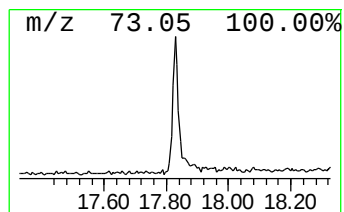
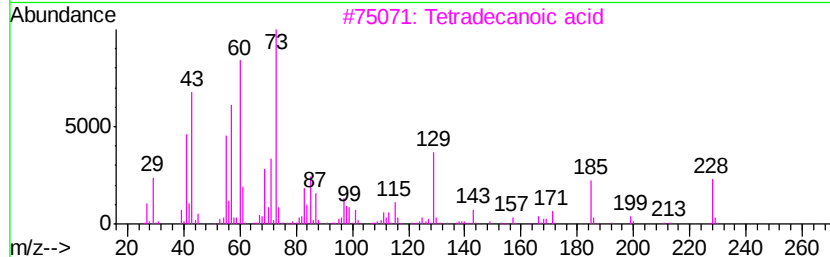
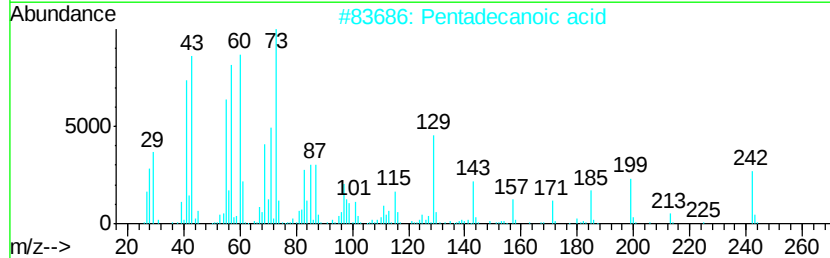
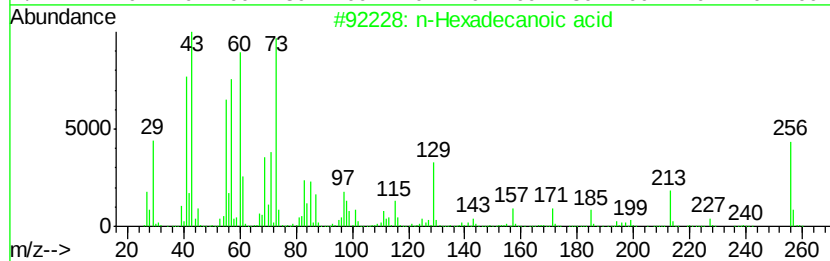
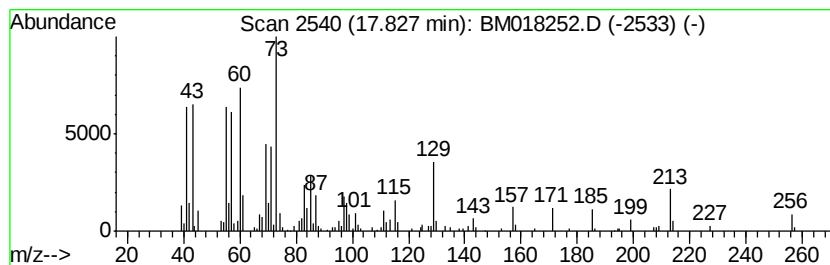
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	7.12 ng	361964	Phenanthrene-d10	16.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		Tridecanoic acid	214	C13H26O2	000638-53-9	70
5		Nonanoic acid	158	C9H18O2	000112-05-0	30



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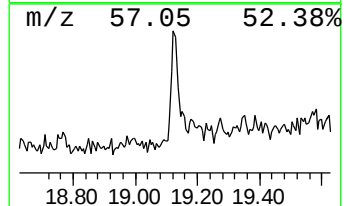
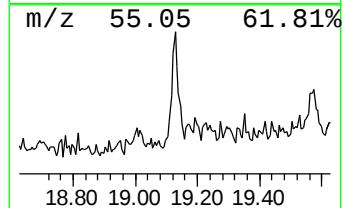
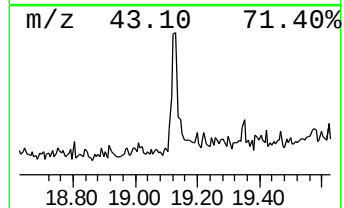
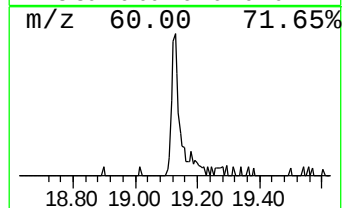
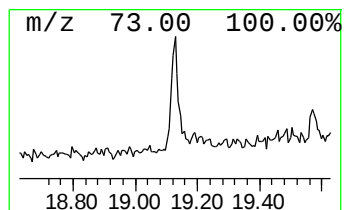
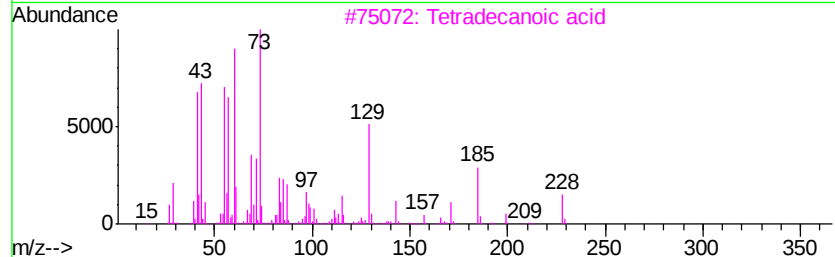
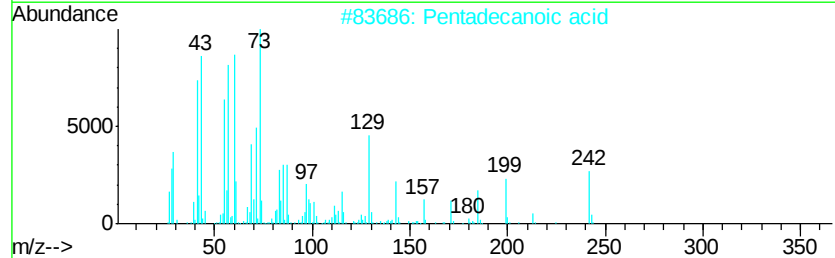
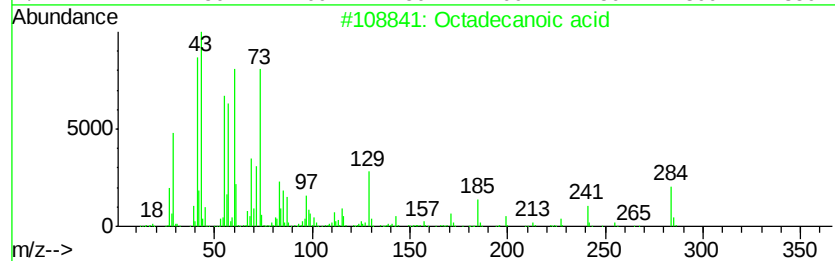
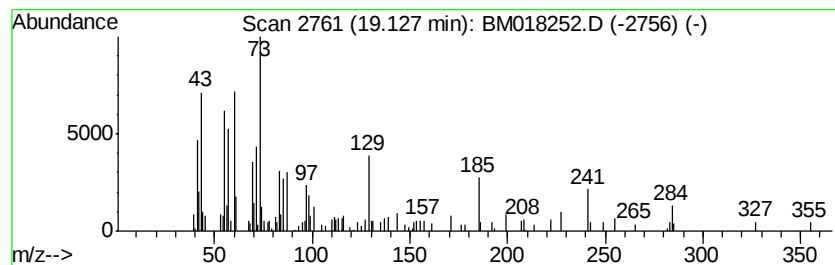
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Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	2.57 ng	162275	Chrysene-d12	21.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	89
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4		Dodecanoic acid	200	C12H24O2	000143-07-7	49
5		Undecanoic acid	186	C11H22O2	000112-37-8	43



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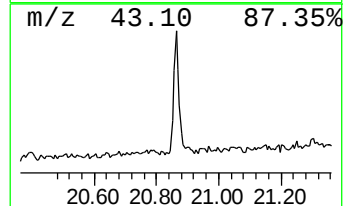
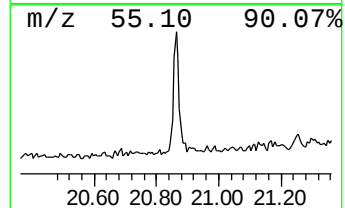
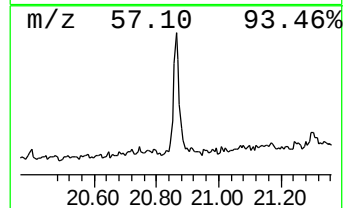
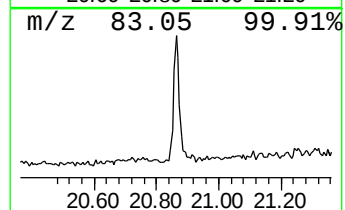
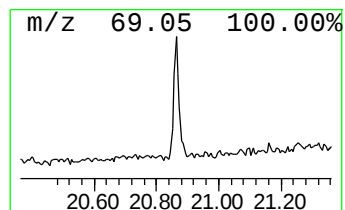
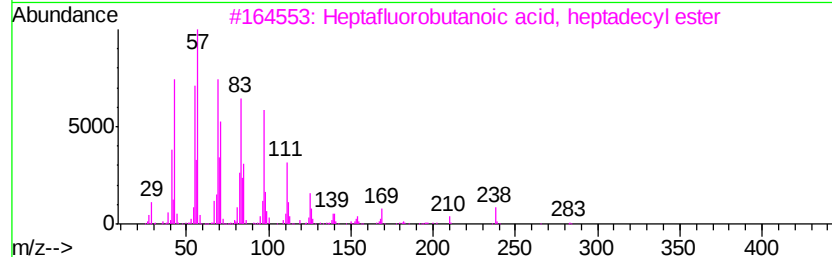
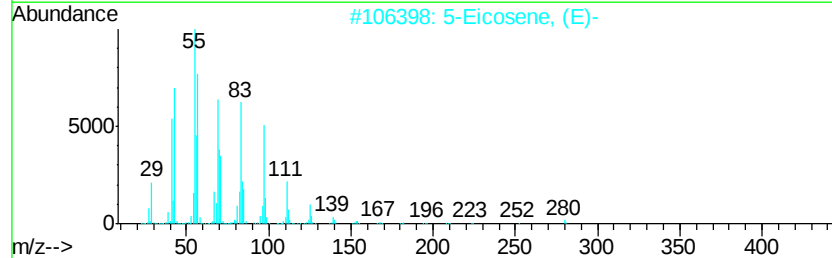
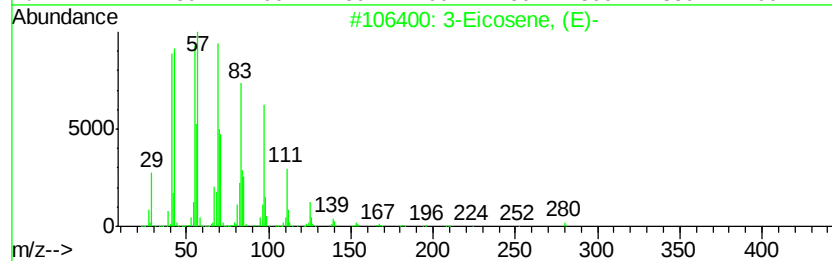
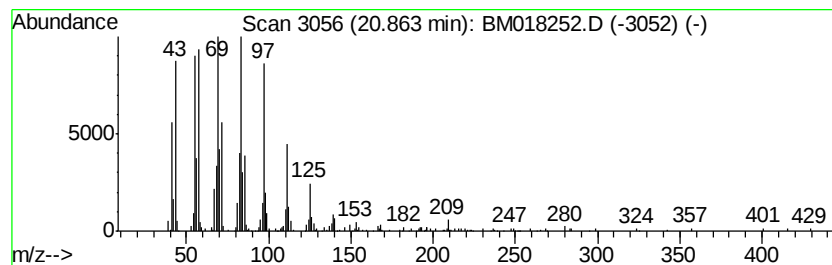
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Peak Number 6 3-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	6.87 ng	434891	Chrysene-d12	21.14
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		3-Eicosene, (E)-	280 C20H40	074685-33-9 98
2		5-Eicosene, (E)-	280 C20H40	074685-30-6 95
3		Heptafluorobutanoic acid, heptadecyl ester	452 C21H35F7O2	1000282-97-3 94
4		Trichloroacetic acid, hexadecyl ester	386 C18H33Cl3O2	074339-54-1 91
5		1-Heneicosyl formate	340 C22H44O2	077899-03-7 91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.69	3.4	ng	125165	1	7.49	737930	20.0
unknown7.03	7.03	103.0	ng	3800810	1	7.49	737930	20.0
n-Hexadecanoic acid	17.83	7.1	ng	361964	4	16.92	1016590	20.0
Octadecanoic acid	19.13	2.6	ng	162275	5	21.14	1265230	20.0
3-Eicosene, (E)-	20.86	6.9	ng	434891	5	21.14	1265230	20.0