

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
 Data File : BM018836.D
 Acq On : 18 Feb 2019 13:47
 Operator : JU/SJ
 Sample : K1501-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419

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_M\METHODS\8270-BM021119.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	4.858	296	301	313	rVB	299039	444589	2.42%	0.395%
2	5.299	369	376	392	rBV	6908091	9874406	53.71%	8.780%
3	6.881	638	645	663	rBV	6492931	10975964	59.70%	9.760%
4	7.240	698	706	721	rBV	7000848	10962071	59.63%	9.747%
5	7.705	778	785	793	rBV	1203984	1884977	10.25%	1.676%
6	8.022	831	839	851	rBV	4629182	7231895	39.34%	6.431%
7	8.875	976	984	1002	rBV	3804781	6418553	34.91%	5.707%
8	10.493	1251	1259	1273	rBV	1552356	2586097	14.07%	2.300%
9	12.969	1673	1680	1701	rBV	8319302	11895146	64.70%	10.577%
10	13.822	1819	1825	1837	rBV	267854	431349	2.35%	0.384%
11	14.357	1908	1916	1931	rBV2	2165677	3403948	18.51%	3.027%
12	15.851	2163	2170	2194	rBV	7584946	11109079	60.43%	9.878%
13	17.104	2377	2383	2398	rBV	2860420	4189668	22.79%	3.725%
14	17.992	2529	2534	2544	rBV	389738	582138	3.17%	0.518%
15	19.739	2825	2831	2845	rBV	14926715	18384815	100.00%	16.348%
16	20.533	2963	2966	2970	rBV	196392	221544	1.21%	0.197%
17	20.998	3041	3045	3056	rBV	514044	746041	4.06%	0.663%
18	21.298	3091	3096	3107	rBV	3733769	4750139	25.84%	4.224%
19	21.439	3116	3120	3126	rBV	367026	415561	2.26%	0.370%
20	21.868	3190	3193	3200	rBV	367133	456989	2.49%	0.406%
21	22.333	3268	3272	3280	rBV	346878	457476	2.49%	0.407%
22	22.462	3291	3294	3299	rVB	248997	302585	1.65%	0.269%
23	22.845	3355	3359	3364	rVB	281741	376154	2.05%	0.334%
24	23.409	3452	3455	3461	rVB2	215720	314389	1.71%	0.280%
25	23.557	3473	3480	3493	rVB	2136896	4046632	22.01%	3.598%

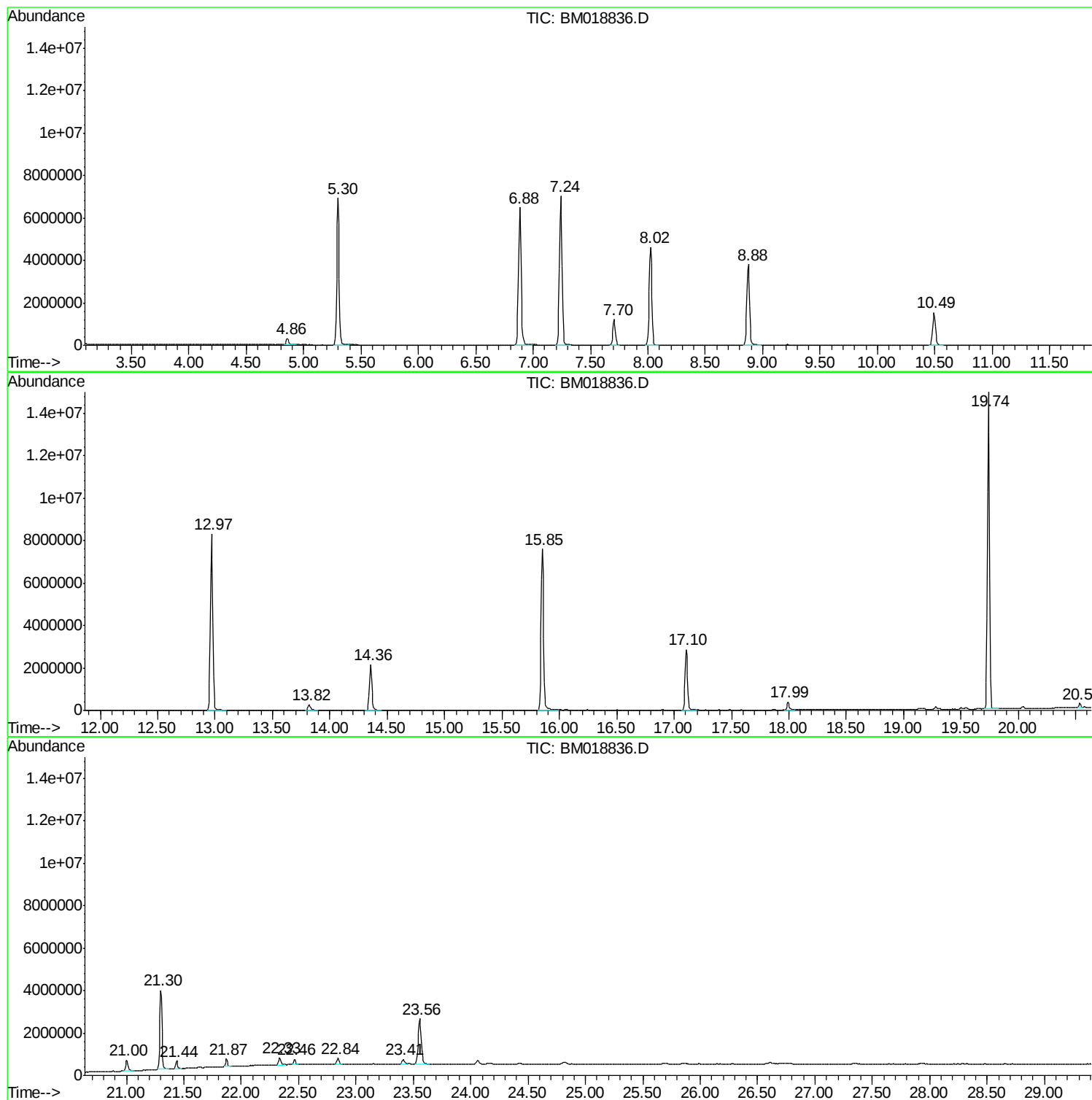
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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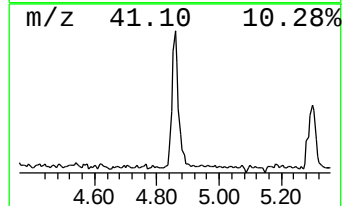
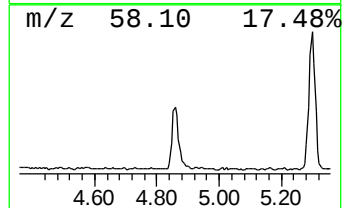
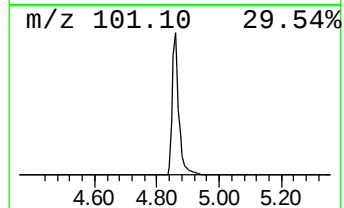
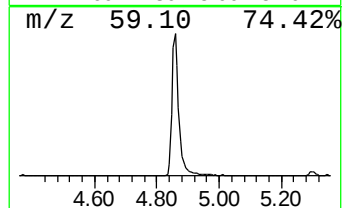
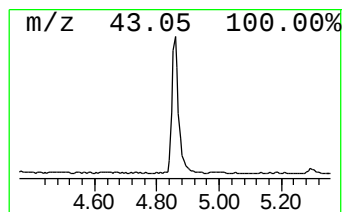
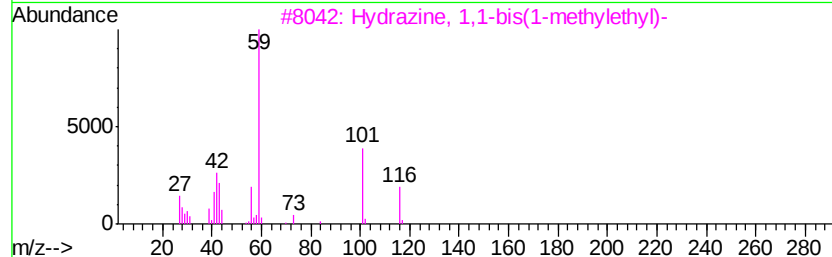
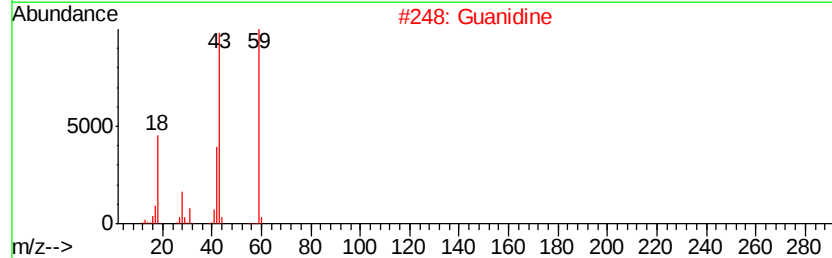
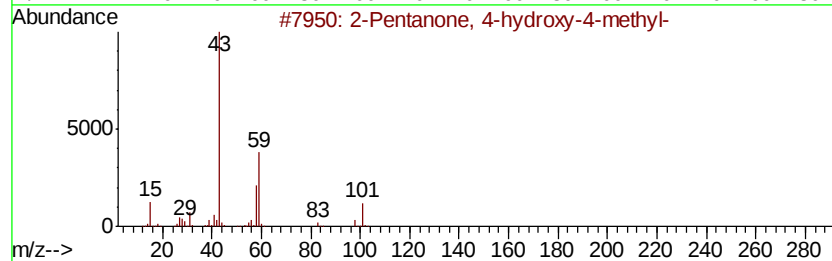
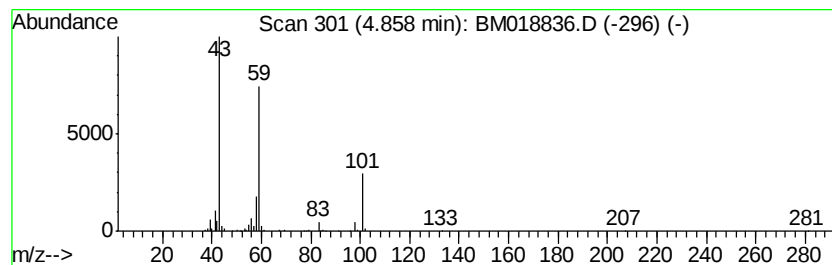
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.86	4.72 ng	444589	1,4-Dichlorobenzene-d4	7.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Guanidine	59	CH5N3	000113-00-8	50
3			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	36
4			Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	33
5			2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	28



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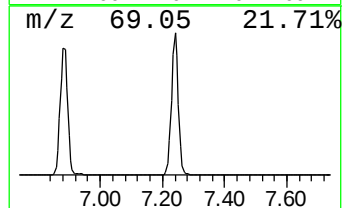
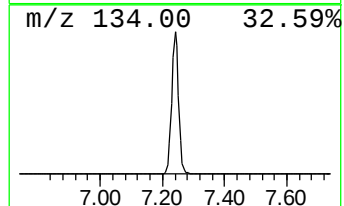
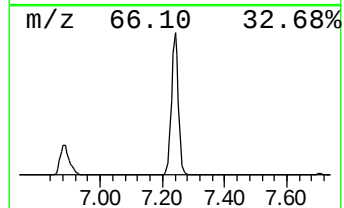
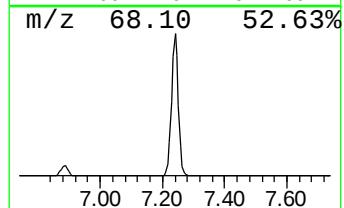
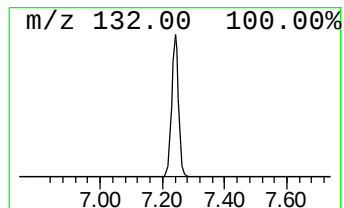
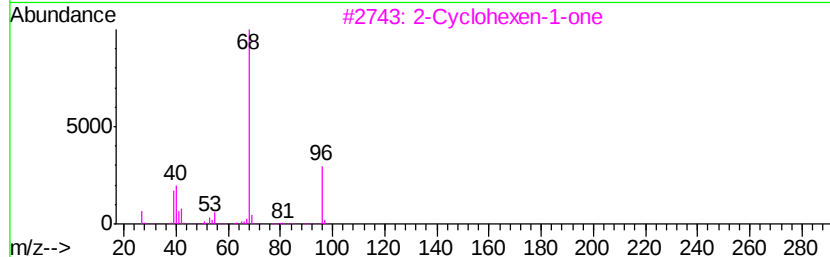
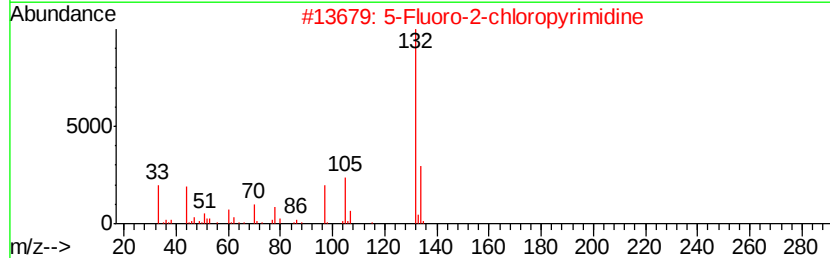
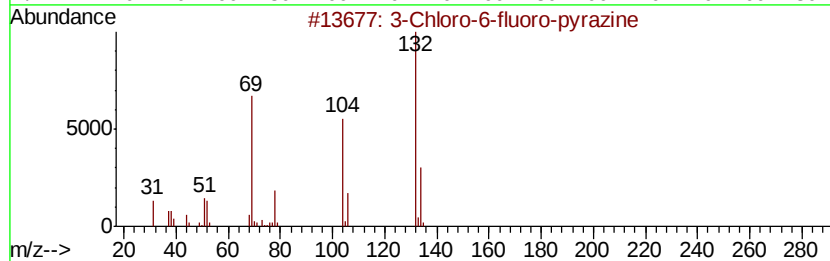
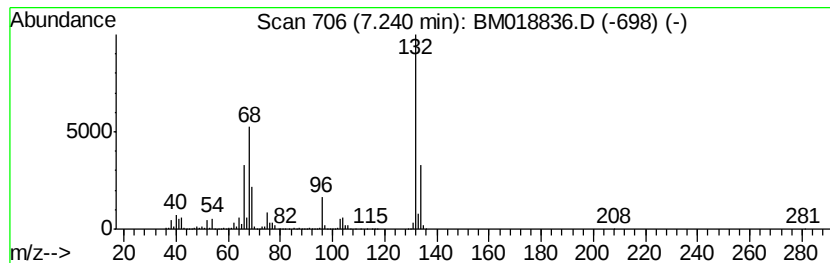
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Peak Number 2 unknown7.24 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	116.31 ng	10962100	1,4-Dichlorobenzene-d4	7.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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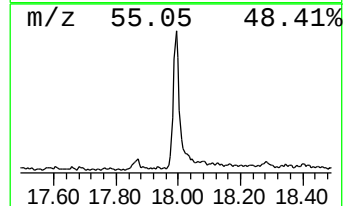
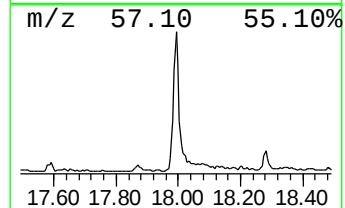
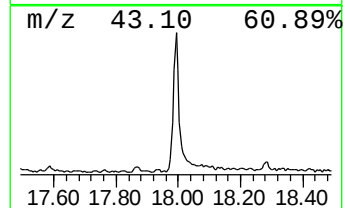
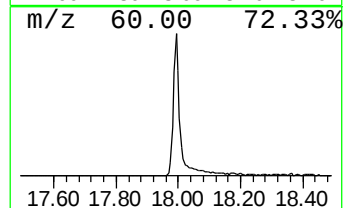
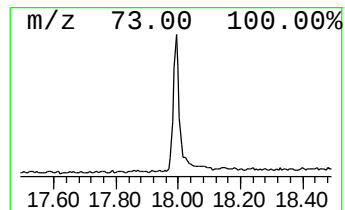
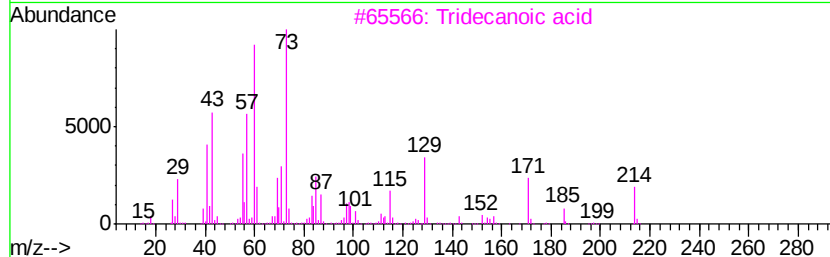
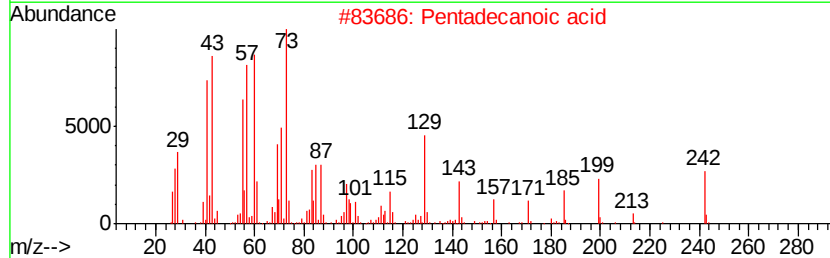
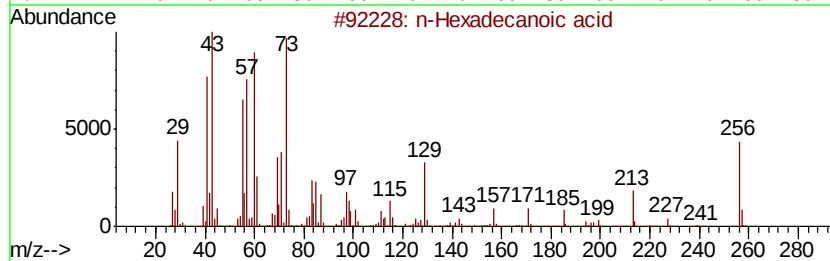
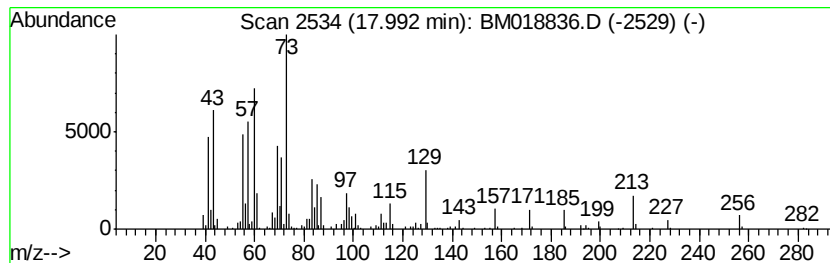
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.99	2.78 ng	582138	Phenanthrene-d10	17.10	
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	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	50



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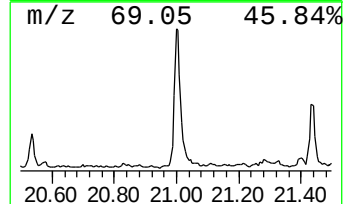
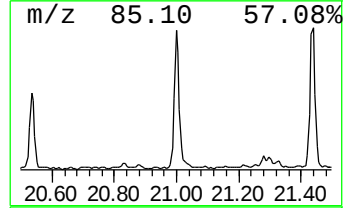
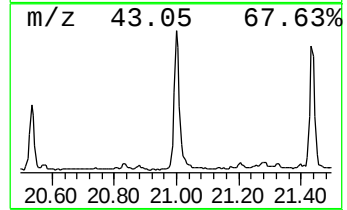
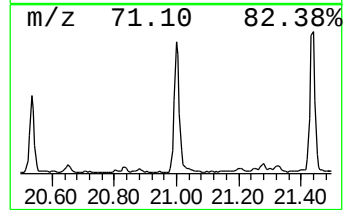
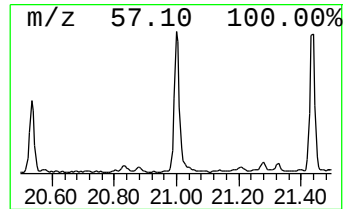
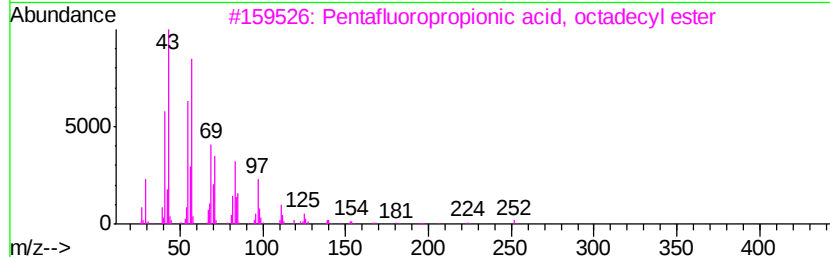
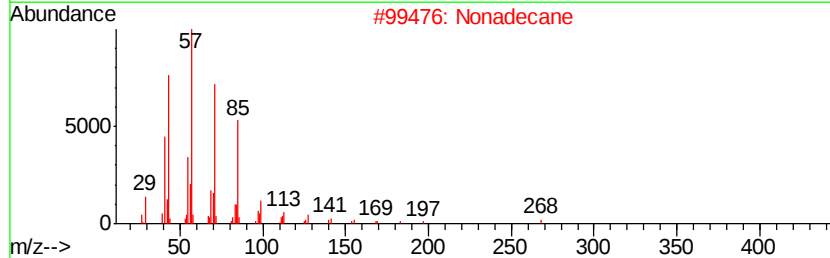
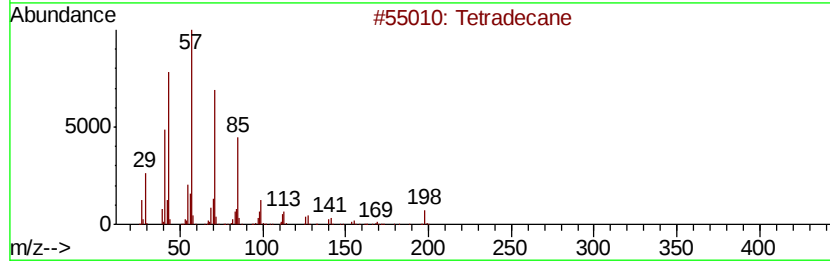
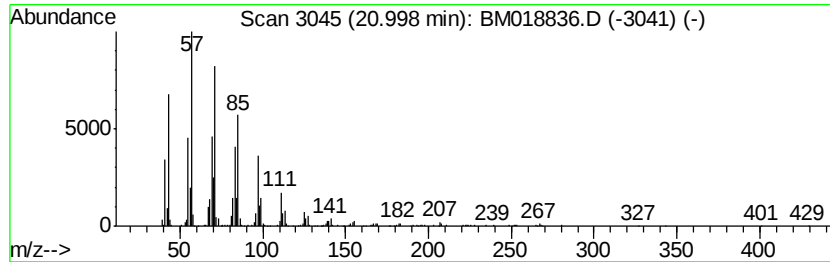
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Peak Number 5 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.00	3.14 ng	746041	Chrysene-d12	21.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	62
2	Nonadecane	268	C19H40	000629-92-5	58
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	53
4	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	52
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	49



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.86	4.7	ng	444589	1	7.70	1884980	20.0
unknown7.24	7.24	116.3	ng	10962100	1	7.70	1884980	20.0
n-Hexadecanoic acid	17.99	2.8	ng	582138	4	17.10	4189670	20.0
Tetradecane	21.00	3.1	ng	746041	5	21.30	4750140	20.0