

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
 Data File : BG024002.D
 Acq On : 16 Sep 2016 20:37
 Operator : UM/SJ
 Sample : H4813-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1

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_G\METHODS\8270-BG083116.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	5.123	385	389	398	rVB2	86077	144475	2.50%	0.614%
2	5.604	465	471	482	rBV	485091	801792	13.89%	3.406%
3	7.226	741	747	760	rVB	320752	618241	10.71%	2.626%
4	7.584	802	808	825	rBV	898838	1580860	27.38%	6.715%
5	8.054	881	888	894	rBV2	171369	297184	5.15%	1.262%
6	8.377	936	943	952	rBV	778607	1330494	23.04%	5.651%
7	9.235	1082	1089	1101	rBV	733889	1360561	23.56%	5.779%
8	10.885	1362	1370	1383	rBV2	238445	460283	7.97%	1.955%
9	13.341	1781	1788	1801	rVB	2114355	3253334	56.34%	13.818%
10	14.175	1926	1930	1938	rVB2	38364	63277	1.10%	0.269%
11	14.727	2018	2024	2031	rBV	452749	739631	12.81%	3.142%
12	15.138	2087	2094	2098	rBV5	39592	69680	1.21%	0.296%
13	16.231	2273	2280	2293	rBV	2111083	3397872	58.84%	14.432%
14	17.494	2489	2495	2502	rBV2	656979	1018309	17.64%	4.325%
15	18.363	2639	2643	2650	rBV6	64951	106091	1.84%	0.451%
16	19.632	2854	2859	2865	rBV10	64117	112069	1.94%	0.476%
17	20.102	2933	2939	2947	rBV	4457267	5774326	100.00%	24.526%
18	21.800	3222	3228	3237	rVB	722844	1220440	21.14%	5.184%
19	25.142	3788	3797	3809	rVB2	389589	1194406	20.68%	5.073%

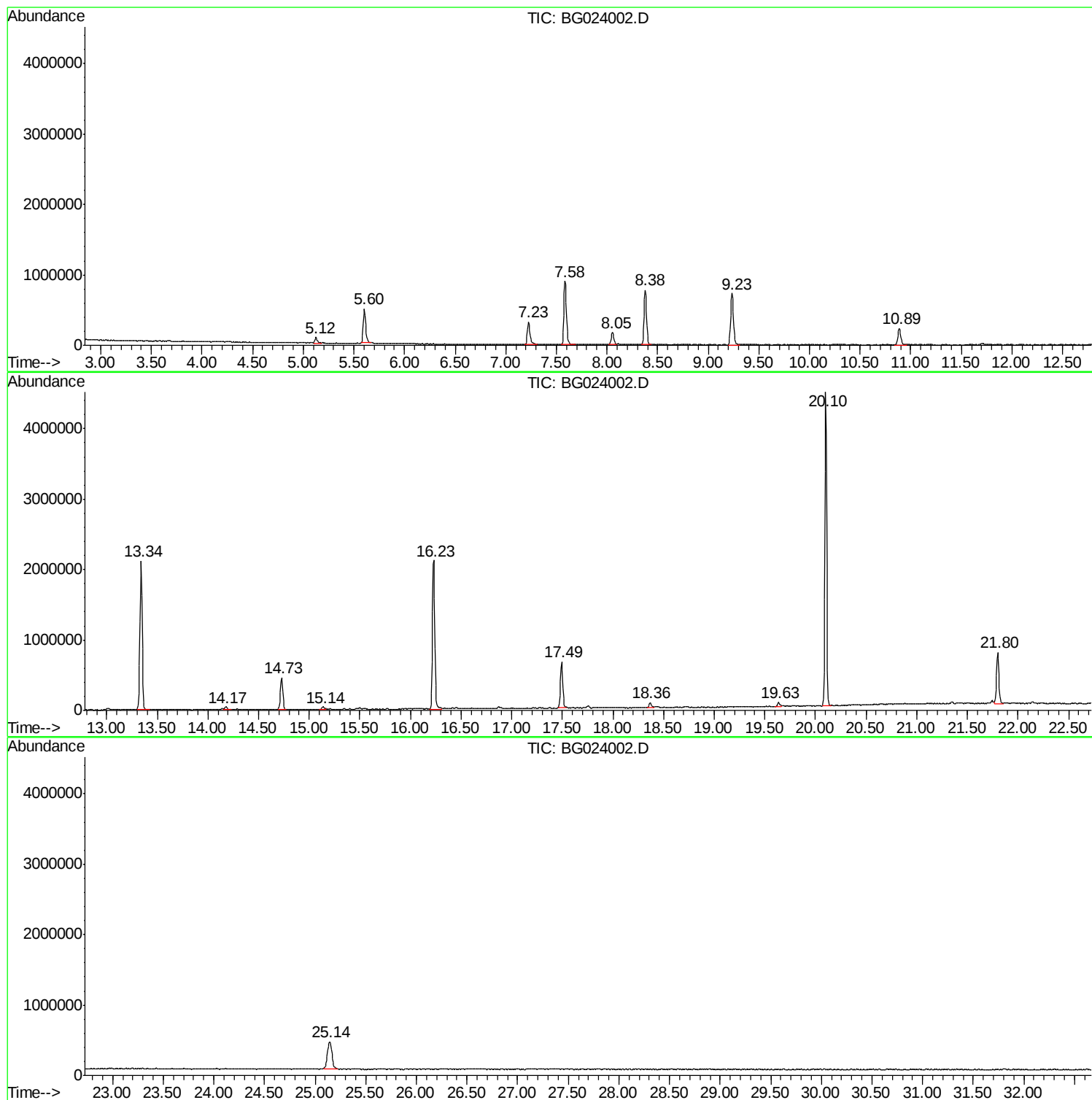
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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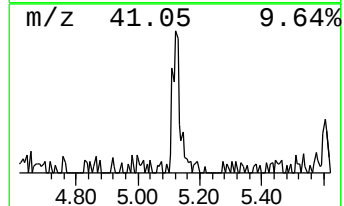
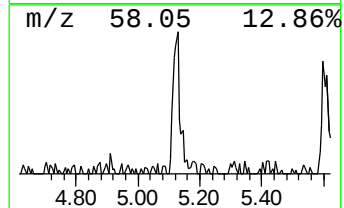
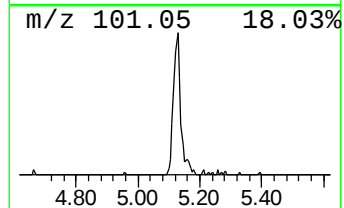
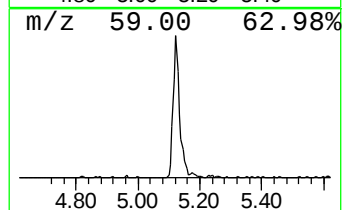
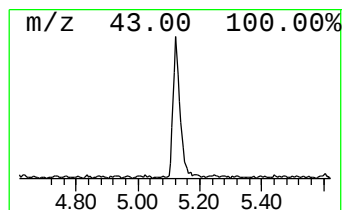
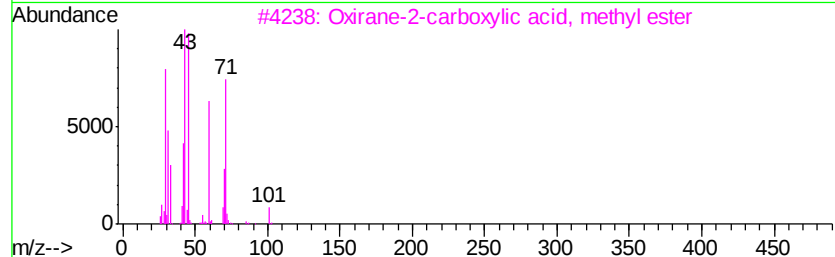
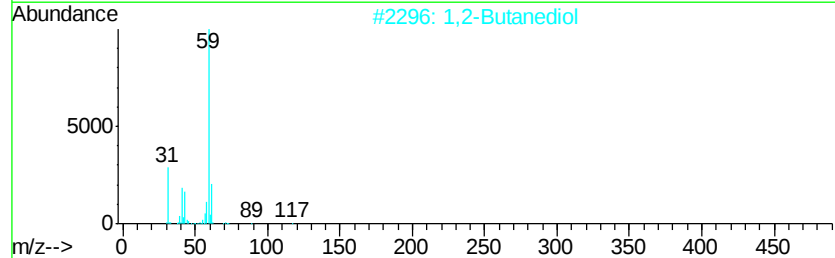
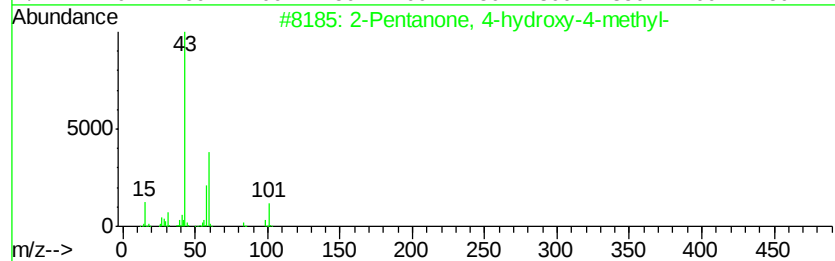
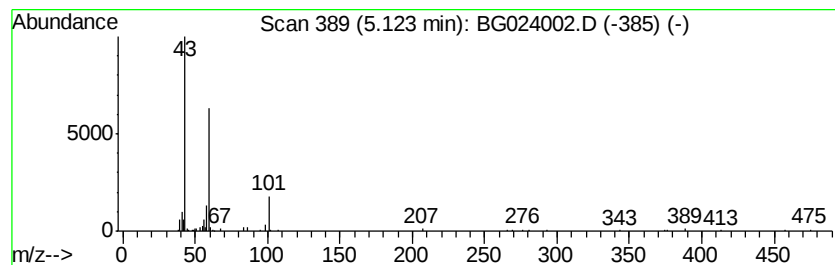
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	9.72 ng	144475	1,4-Dichlorobenzene-d4	8.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2			1,2-Butanediol	90	C4H10O2	000584-03-2	25
3			Oxirane-2-carboxylic acid, methyl...	102	C4H6O3	004538-50-5	9
4			Pentanal, oxime	101	C5H11NO	000628-79-5	9
5			Acetic acid, chloro-, 1,1-dimeth...	150	C6H11ClO2	000107-59-5	9



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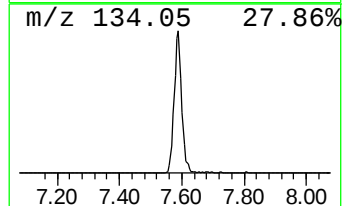
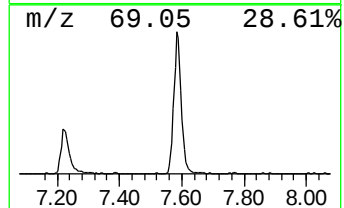
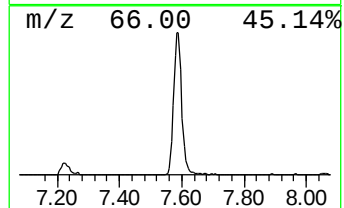
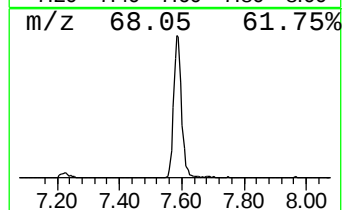
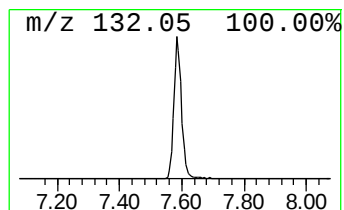
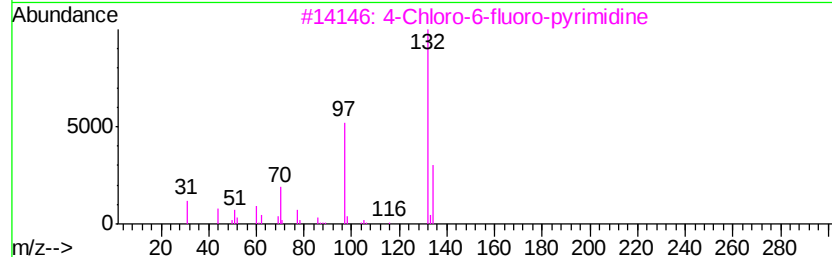
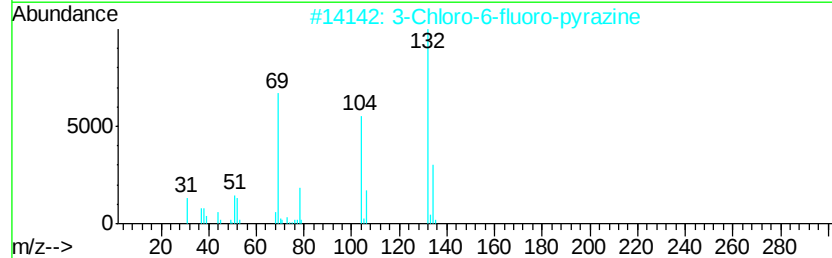
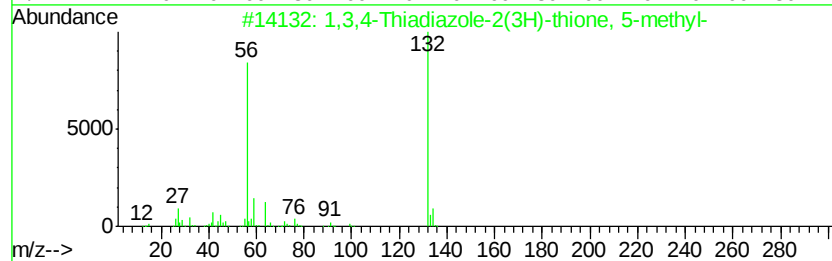
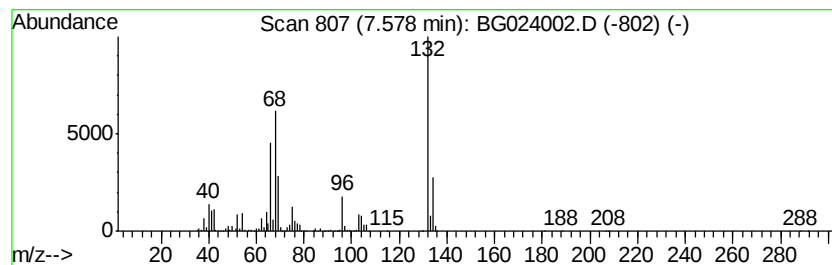
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Peak Number 2 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	106.39 ng	1580860	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	18
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	10



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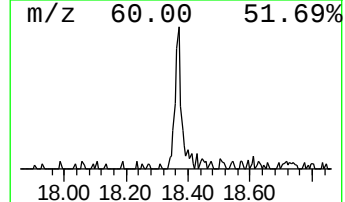
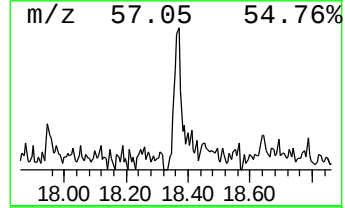
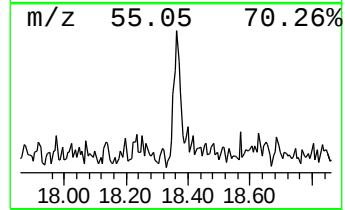
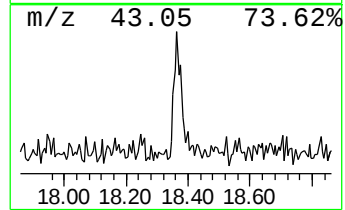
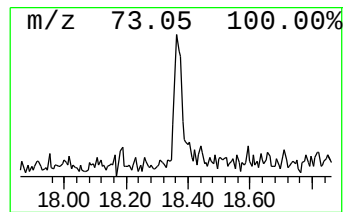
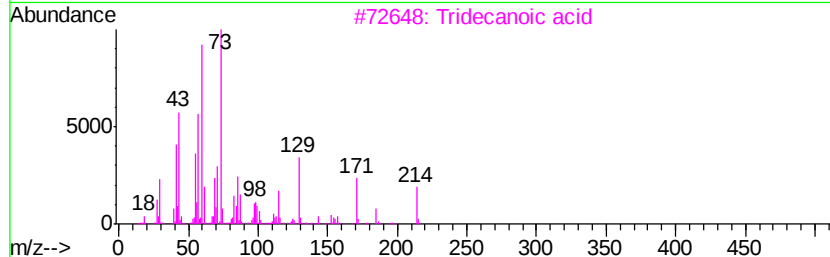
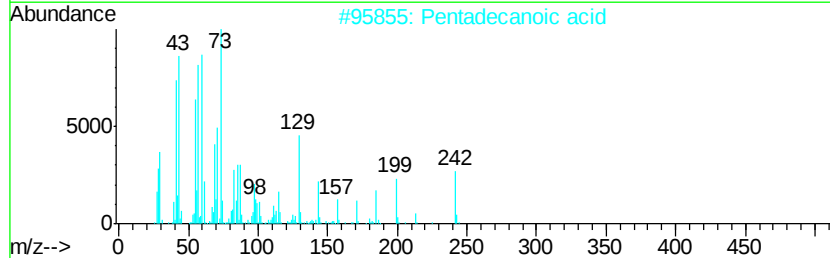
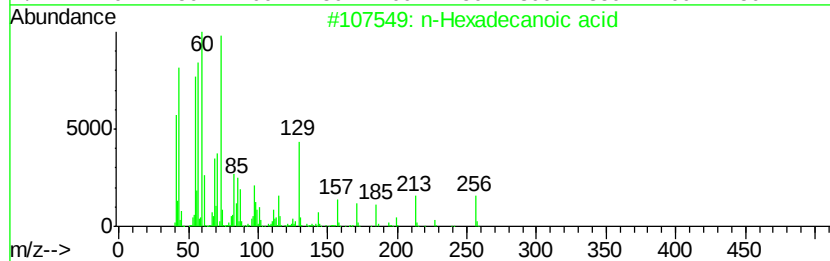
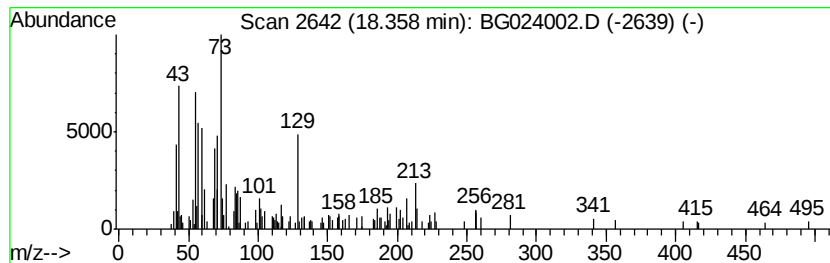
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.08 ng	106091	Phenanthrene-d10	17.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3		Tridecanoic acid	214	C13H26O2	000638-53-9	50
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5		Dodecanoic acid	200	C12H24O2	000143-07-7	47



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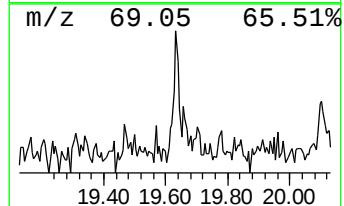
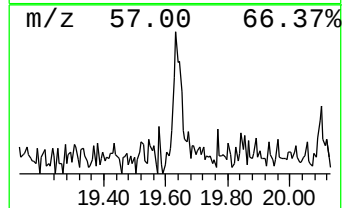
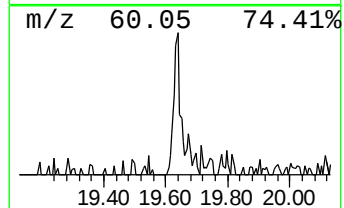
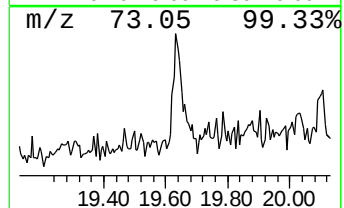
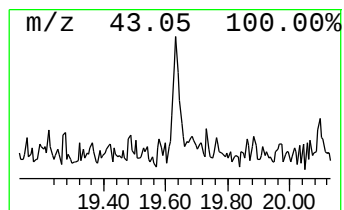
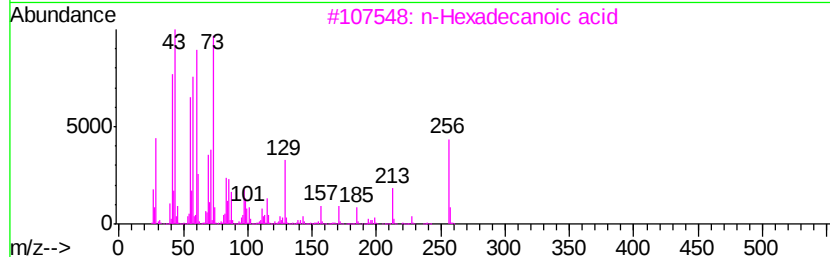
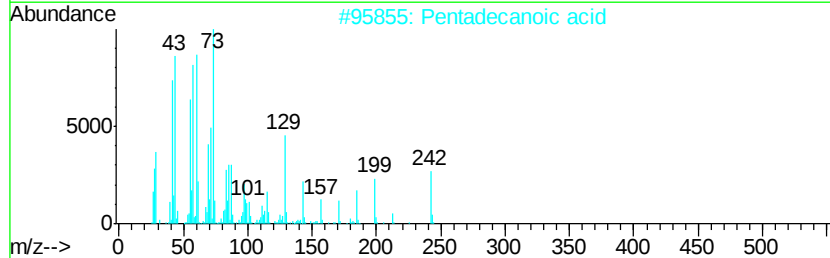
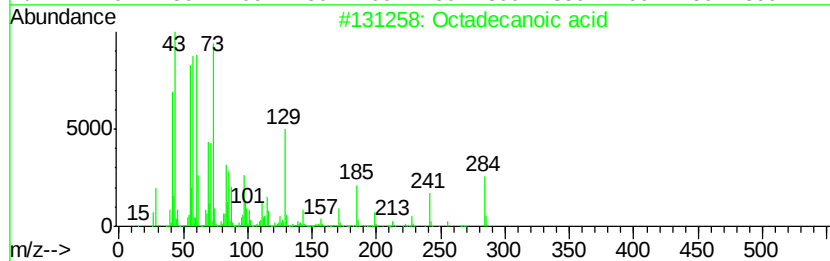
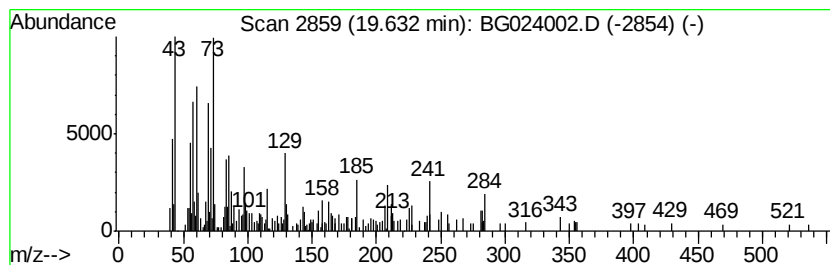
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Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	2.20 ng	112069	Phenanthrene-d10	17.49

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	83
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		Tricosanoic acid	354	C23H46O2	002433-96-7	60



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.12	9.7	ng	144475	1	8.05	297184	20.0
unknown7.58	7.58	106.4	ng	1580860	1	8.05	297184	20.0
n-Hexadecanoic acid	18.36	2.1	ng	106091	4	17.49	1018310	20.0
Octadecanoic acid	19.63	2.2	ng	112069	4	17.49	1018310	20.0