

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082216\
 Data File : BG023833.D
 Acq On : 22 Aug 2016 14:59
 Operator : UM/SJ
 Sample : H4543-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DSN001

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-BG080116.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	5.155	389	394	402	rBV	135959	209582	3.14%	0.661%
2	5.631	469	475	486	rBV	564697	990546	14.85%	3.122%
3	7.246	743	750	761	rBV	385540	724407	10.86%	2.283%
4	7.622	807	814	826	rBV	1145089	2032551	30.47%	6.407%
5	8.092	885	894	903	rBV	370835	645569	9.68%	2.035%
6	8.421	942	950	962	rBV	1127265	2015146	30.21%	6.352%
7	9.273	1086	1095	1110	rBV	1032571	1933641	28.99%	6.095%
8	10.929	1367	1377	1384	rBV	494579	920829	13.81%	2.903%
9	13.379	1784	1794	1803	rBV	2906580	4570928	68.53%	14.409%
10	14.207	1928	1935	1940	rBV	118596	194485	2.92%	0.613%
11	14.765	2023	2030	2038	rBV2	747732	1275515	19.12%	4.021%
12	16.263	2278	2285	2297	rBV	2298089	3647694	54.69%	11.498%
13	16.463	2314	2319	2325	rBV7	31085	73269	1.10%	0.231%
14	17.262	2450	2455	2459	rBV4	53888	75057	1.13%	0.237%
15	17.526	2494	2500	2506	rBV2	977402	1568918	23.52%	4.946%
16	18.396	2644	2648	2657	rBV	192742	290018	4.35%	0.914%
17	19.665	2861	2864	2869	rBV	237106	330319	4.95%	1.041%
18	20.140	2939	2945	2954	rBV	4932835	6670242	100.00%	21.026%
19	21.844	3228	3235	3241	rBV	1094806	1806860	27.09%	5.696%
20	25.222	3800	3810	3822	rVB2	592860	1747963	26.21%	5.510%

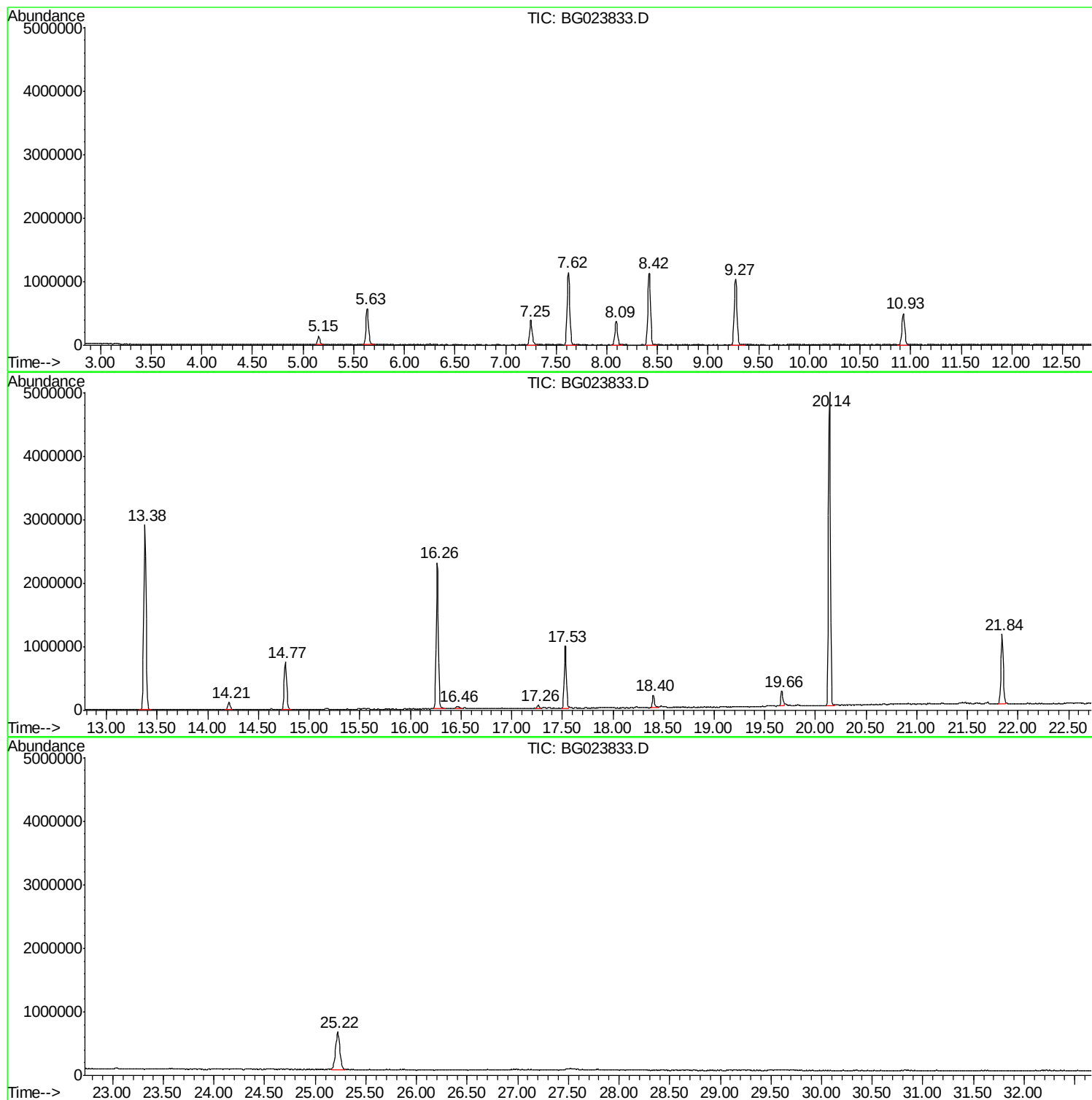
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Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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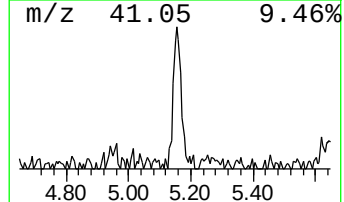
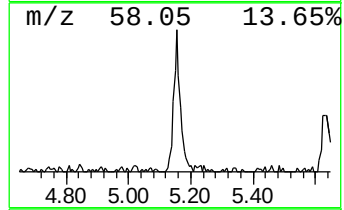
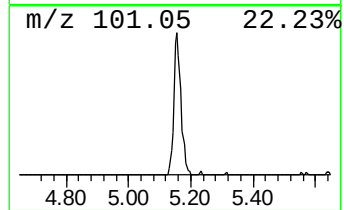
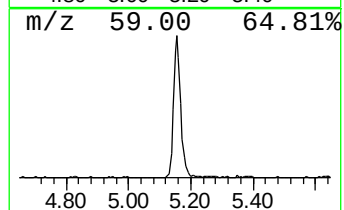
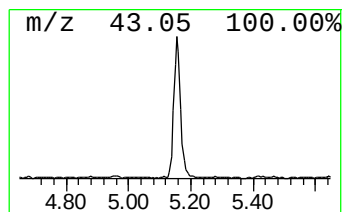
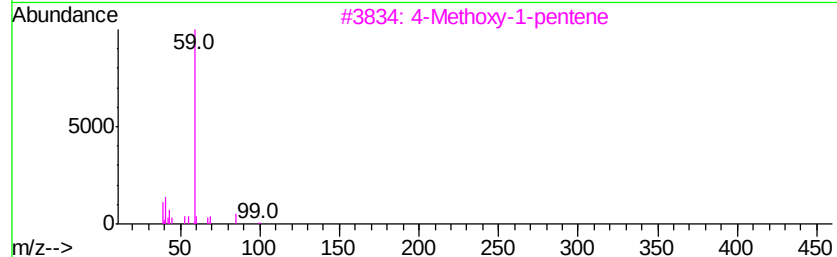
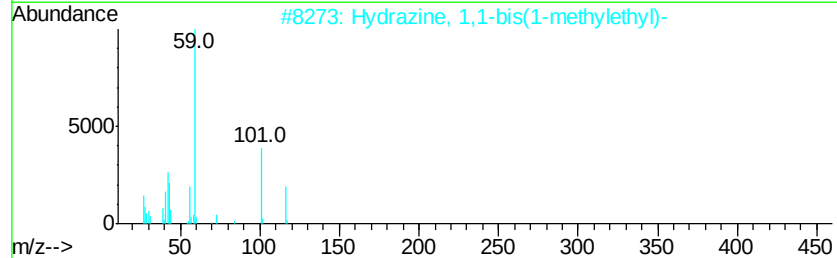
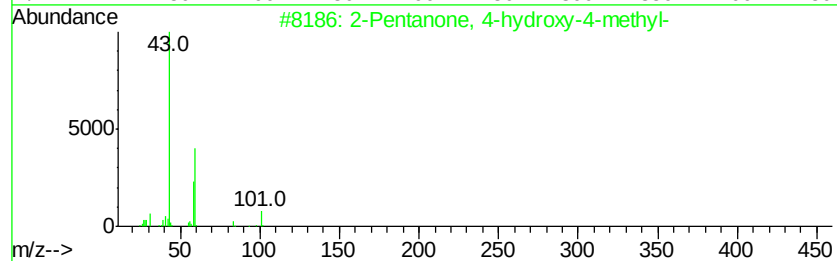
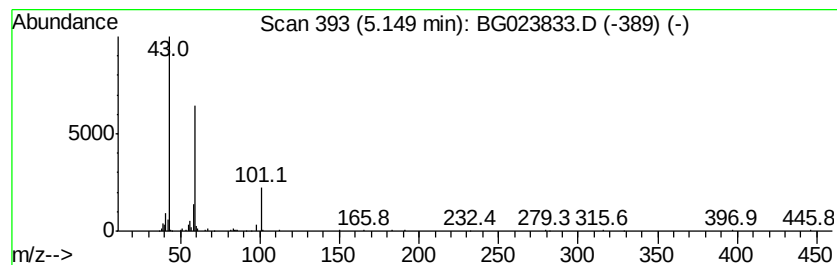
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown5.15 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	6.49 ng	209582	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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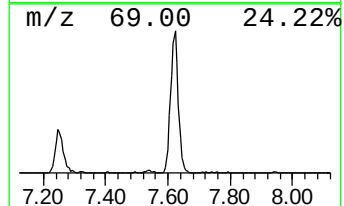
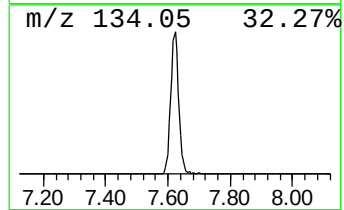
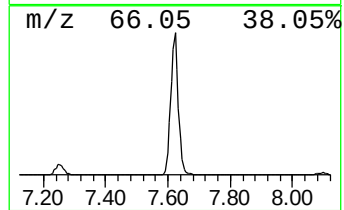
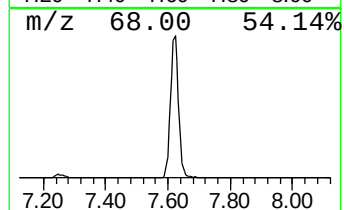
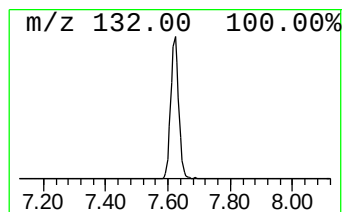
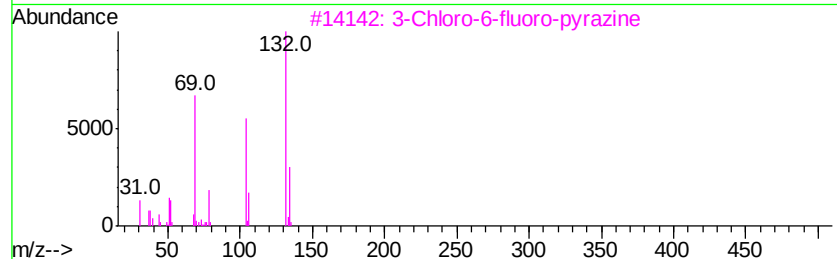
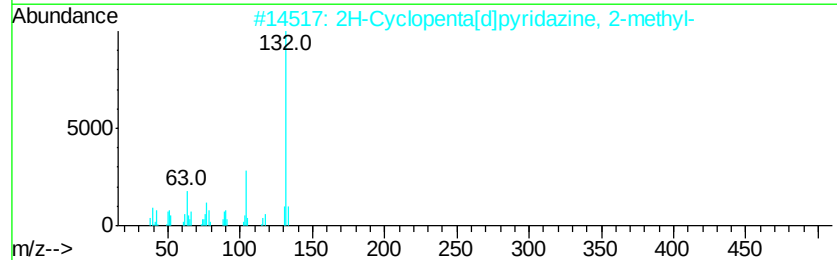
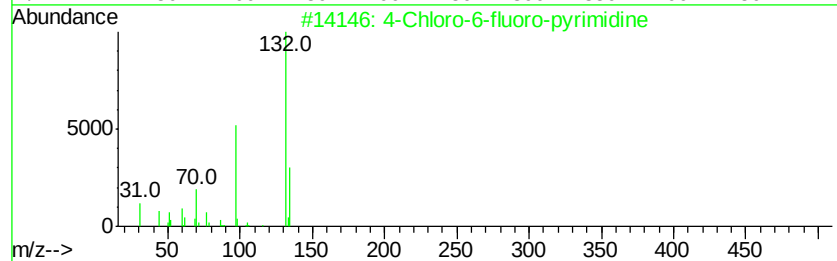
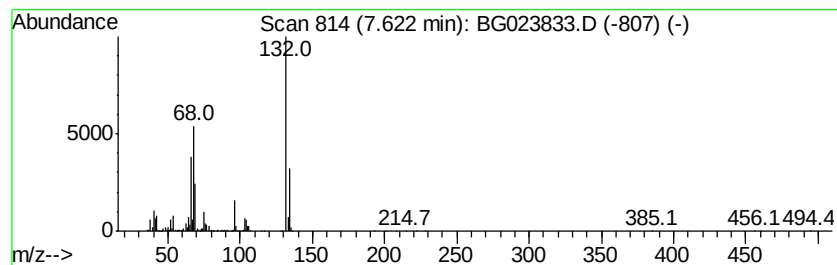
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Peak Number 2 unknown7.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	62.97 ng	2032550	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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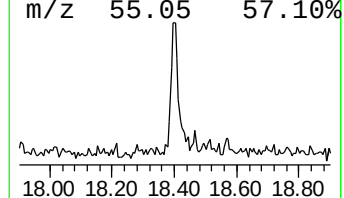
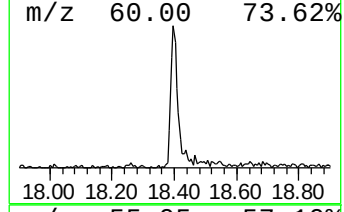
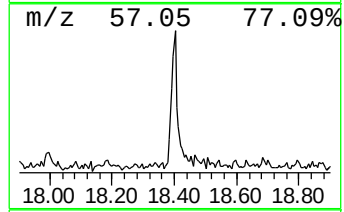
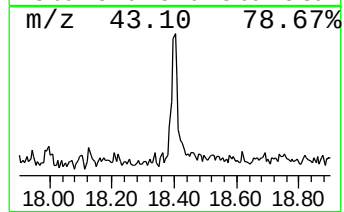
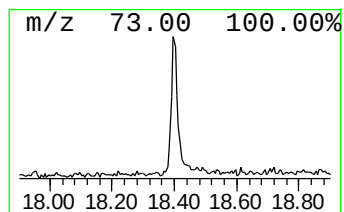
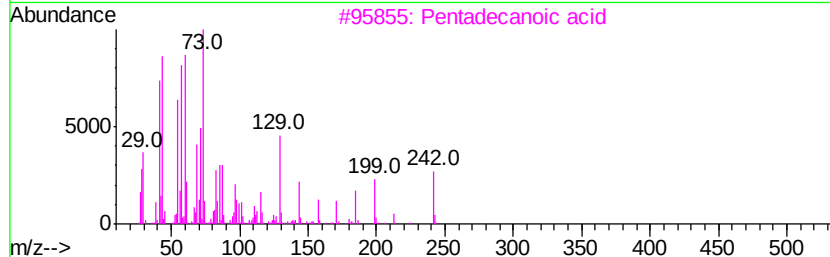
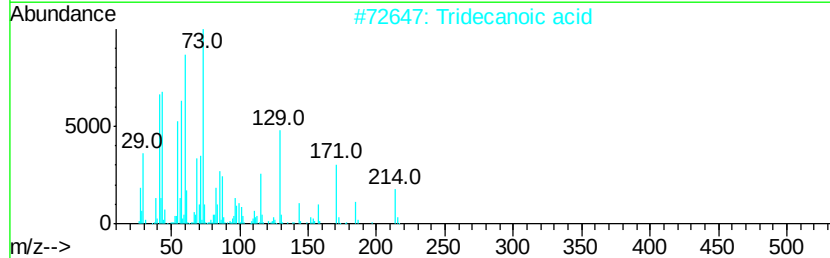
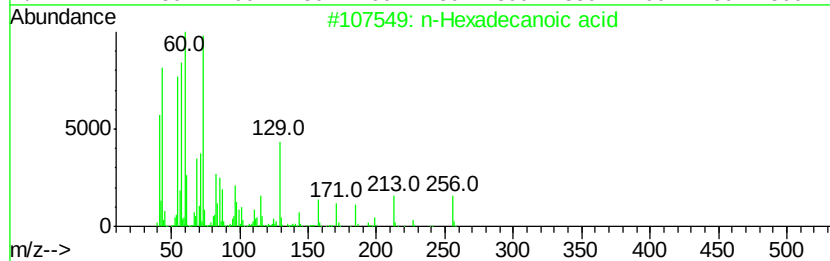
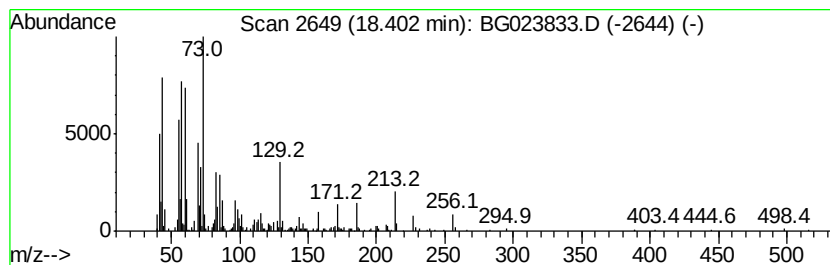
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	3.70 ng	290018	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58



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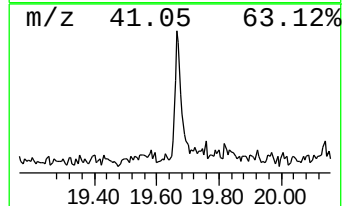
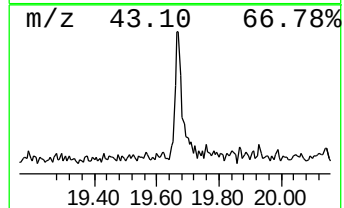
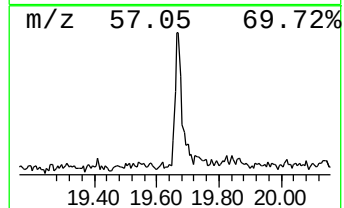
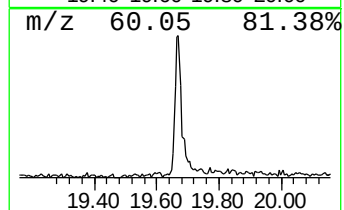
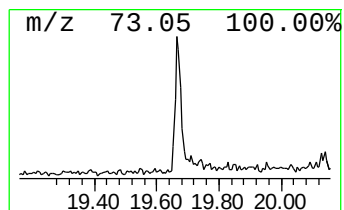
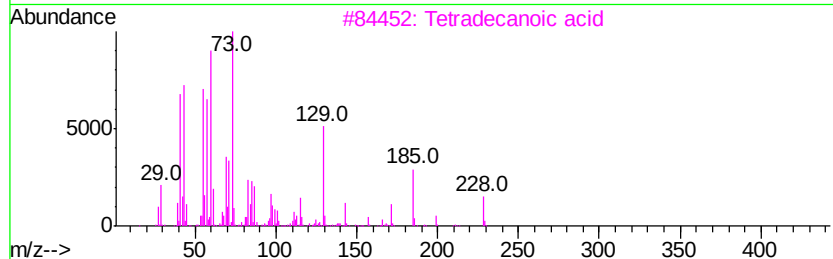
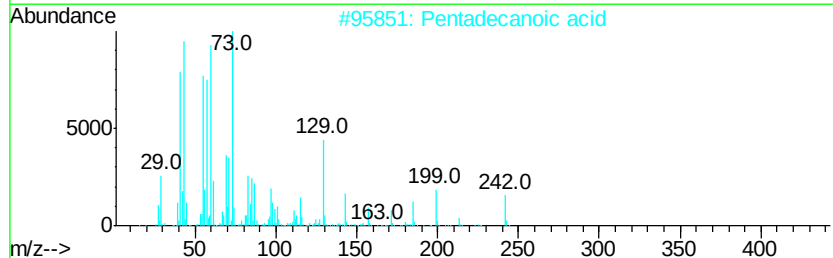
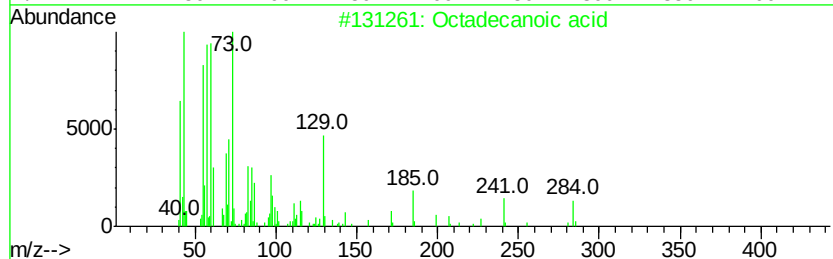
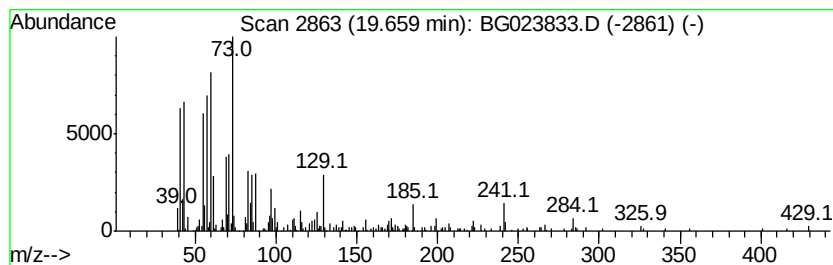
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Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	4.21 ng	330319	Phenanthrene-d10	17.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38
5		Tridecanoic acid	214	C13H26O2	000638-53-9	35



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown5.15	5.15	6.5	ng	209582	1	8.09	645569	20.0
unknown7.62	7.62	63.0	ng	2032550	1	8.09	645569	20.0
n-Hexadecanoic acid	18.40	3.7	ng	290018	4	17.53	1568920	20.0
Octadecanoic acid	19.66	4.2	ng	330319	4	17.53	1568920	20.0