

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035418.D
 Acq On : 26 Jun 2018 20:13
 Operator : JU/SJ
 Sample : J3665-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-105-4(90-92)

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_G\METHODS\8270-BG060718.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	5.161	315	319	327	rVB	68324	105299	3.01%	0.601%
2	5.625	390	398	413	rBV	735970	1185908	33.89%	6.774%
3	7.212	660	668	680	rBV	796213	1393034	39.81%	7.957%
4	7.582	723	731	742	rBV	733752	1273129	36.38%	7.272%
5	8.052	804	811	820	rVB	167799	293100	8.38%	1.674%
6	8.375	858	866	873	rBV	526974	915141	26.15%	5.227%
7	9.209	1000	1008	1021	rBV	452085	823203	23.52%	4.702%
8	10.854	1281	1288	1296	rBV	225579	394519	11.27%	2.254%
9	13.297	1697	1704	1712	rBV	1273498	1982766	56.66%	11.326%
10	14.120	1837	1844	1852	rBV	134079	200803	5.74%	1.147%
11	14.672	1930	1938	1947	rBV2	368123	606927	17.34%	3.467%
12	16.158	2183	2191	2200	rBV	1193271	1807618	51.65%	10.325%
13	16.370	2223	2227	2236	rVB2	22725	37368	1.07%	0.213%
14	17.415	2398	2405	2412	rBV	537180	821027	23.46%	4.690%
15	18.297	2550	2555	2562	rBV	98488	142574	4.07%	0.814%
16	19.560	2766	2770	2774	rBV3	34859	46475	1.33%	0.265%
17	20.024	2842	2849	2857	rBV	2569862	3499474	100.00%	19.989%
18	21.322	3066	3070	3079	rBV6	42717	105300	3.01%	0.601%
19	21.680	3124	3131	3143	rVB	585393	966214	27.61%	5.519%
20	24.893	3667	3678	3691	rBV2	305815	906727	25.91%	5.179%

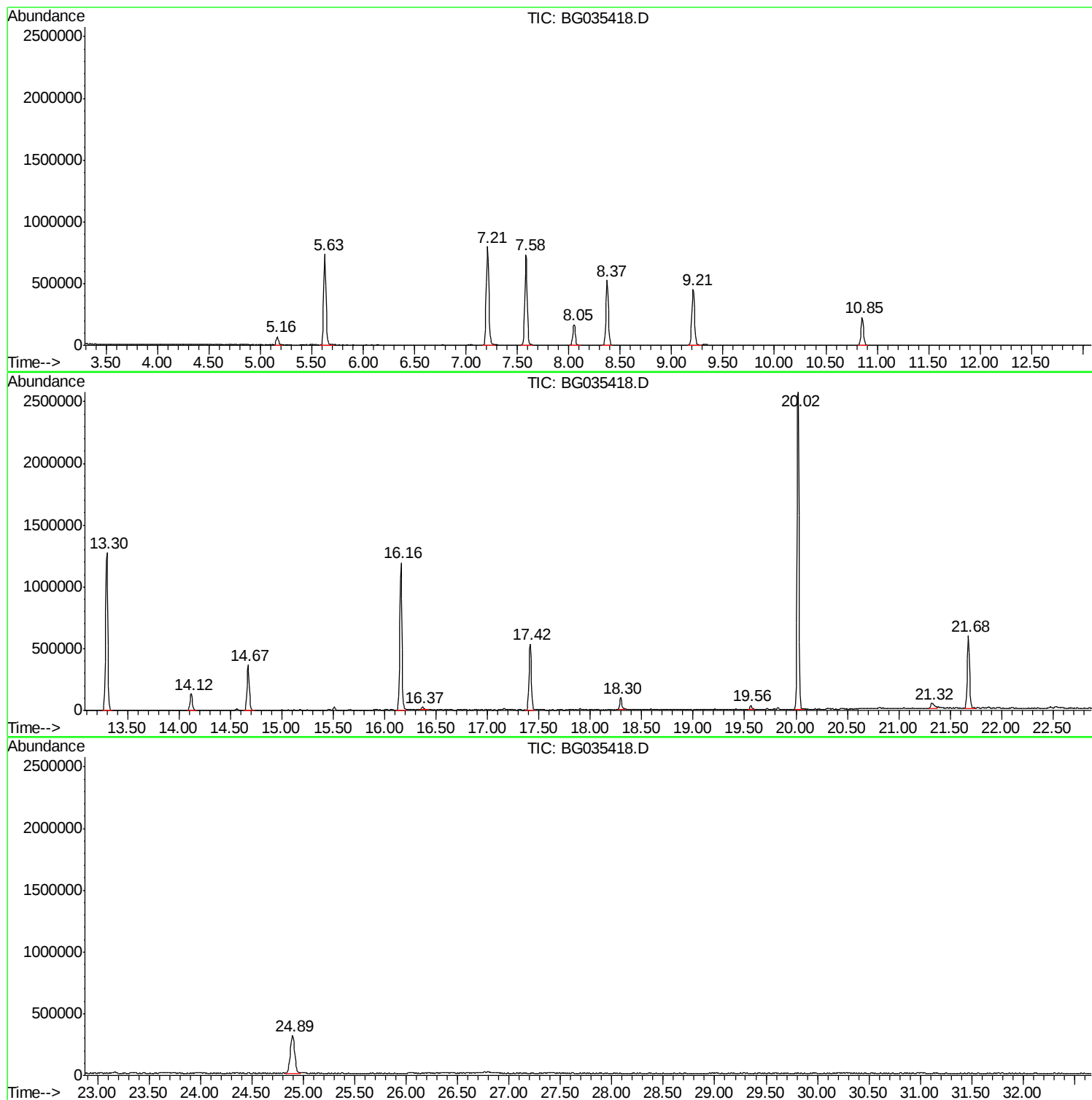
Sum of corrected areas: 17506606

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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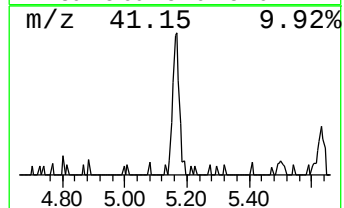
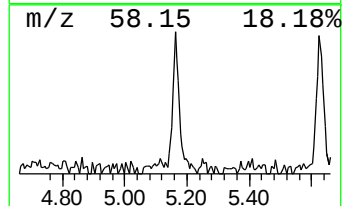
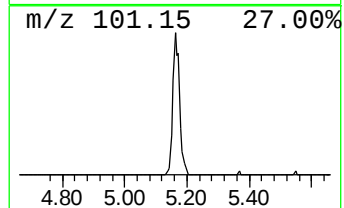
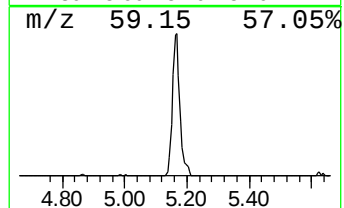
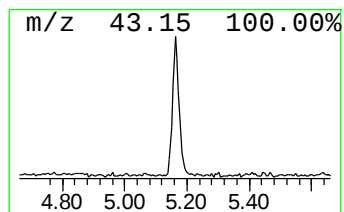
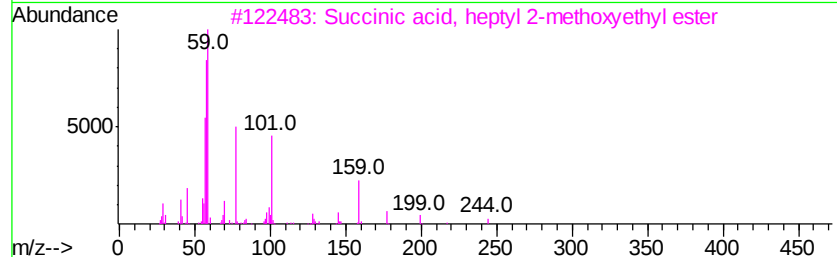
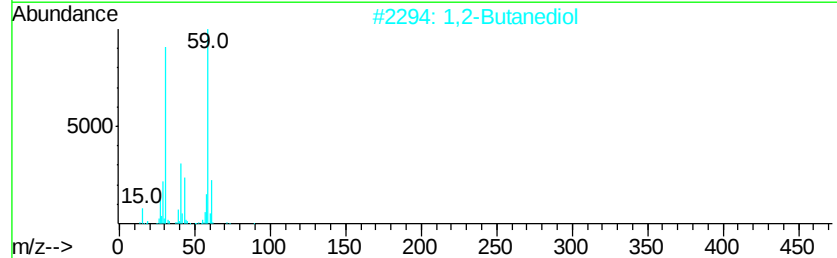
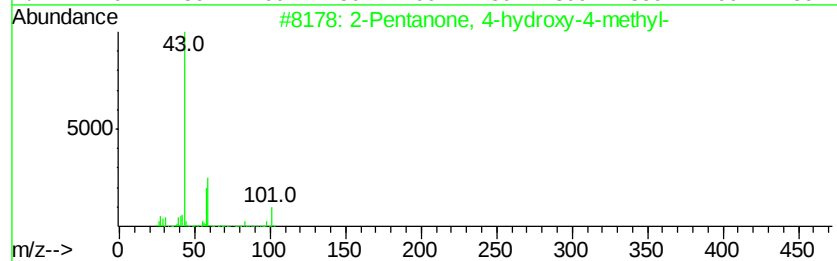
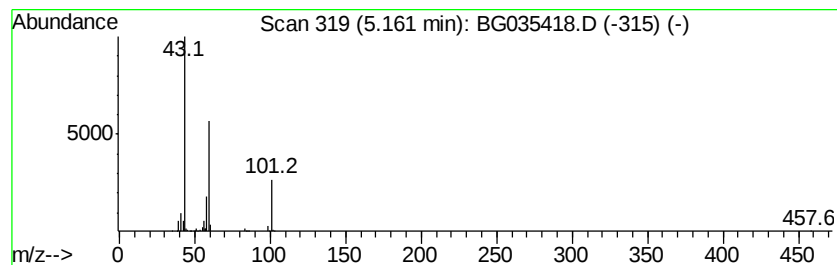
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	7.19 ng	105299	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	45
2			1,2-Butanediol	90	C4H10O2	000584-03-2	32
3			Succinic acid, heptyl 2-methoxyve...	274	C14H26O5	1000325-80-7	28
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17



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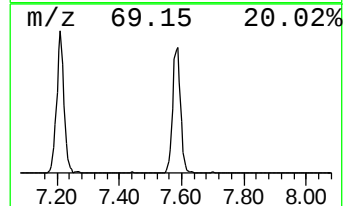
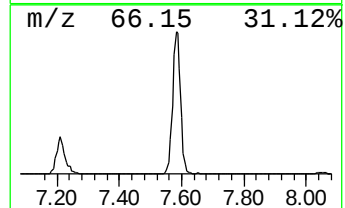
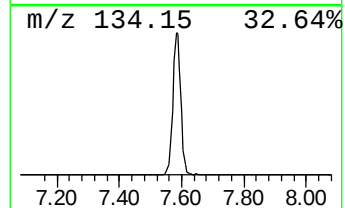
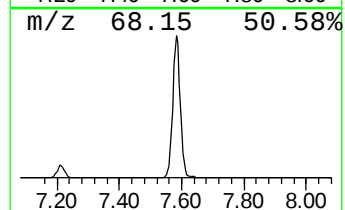
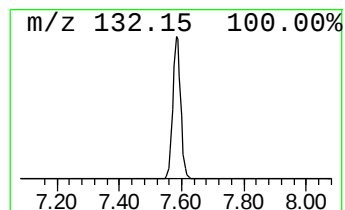
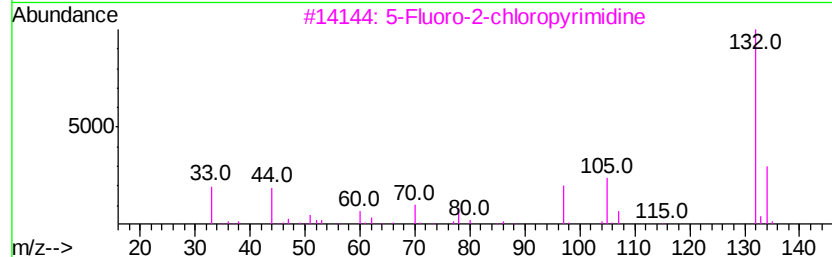
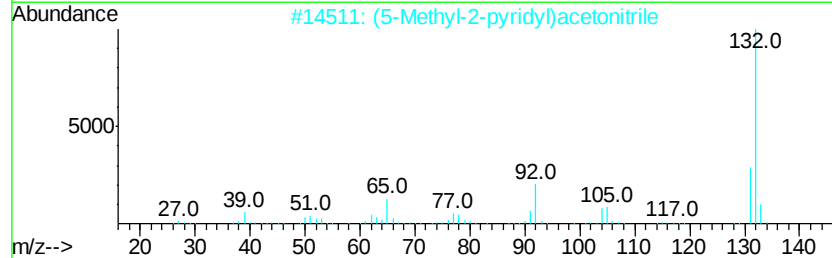
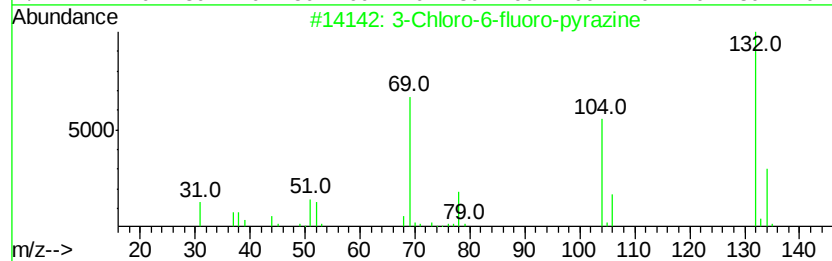
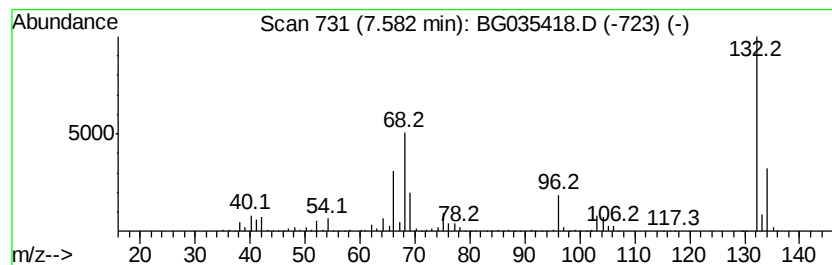
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Peak Number 2 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	86.87 ng	1273130	1,4-Dichlorobenzene-d4	8.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	22
3			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4			Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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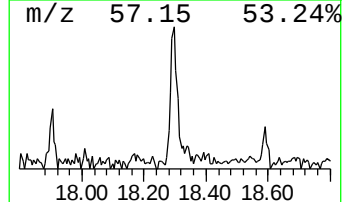
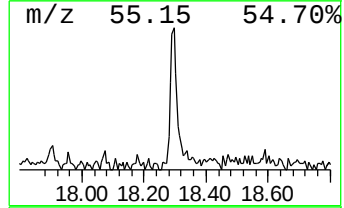
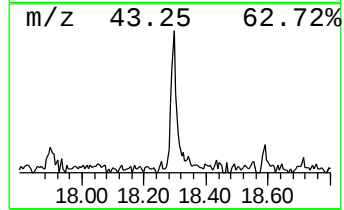
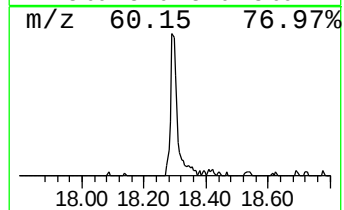
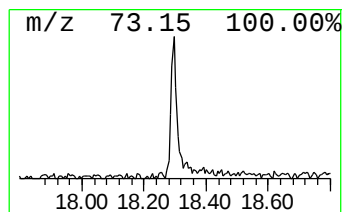
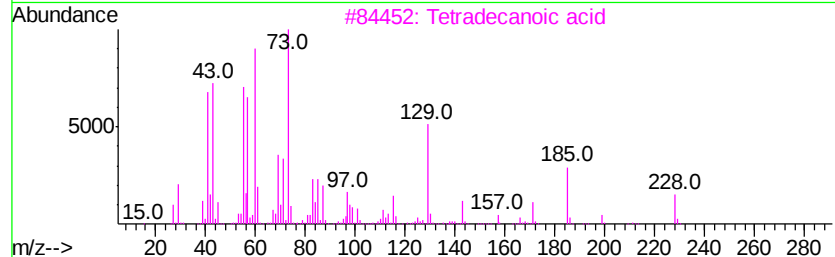
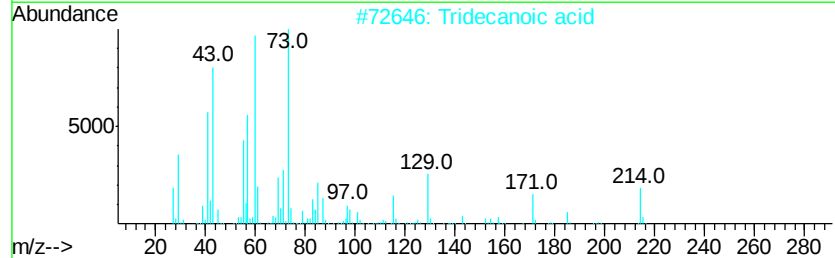
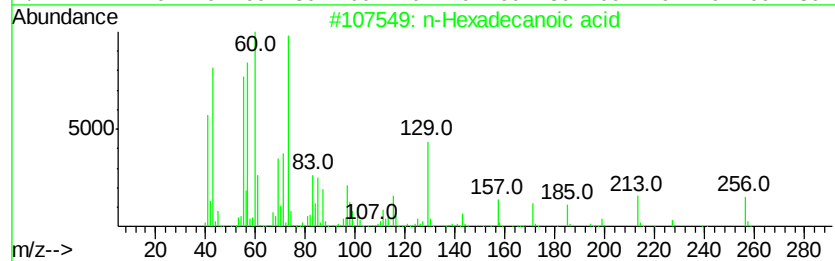
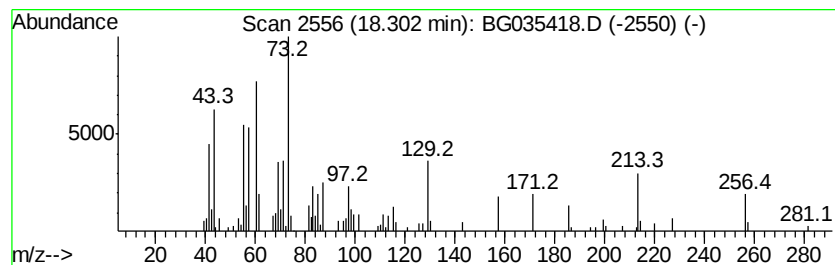
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.30	3.47 ng	142574	Phenanthrene-d10	17.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	70
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
5	n-Decanoic acid	172	C10H20O2	000334-48-5	35



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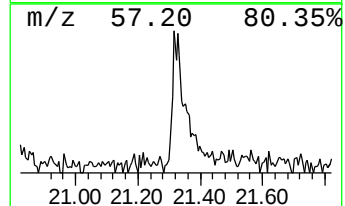
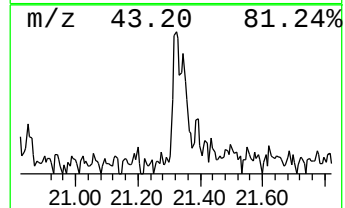
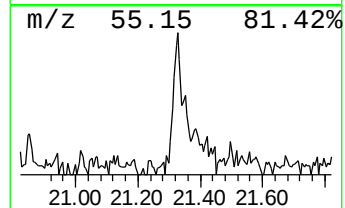
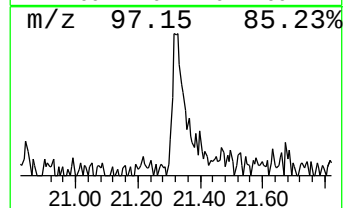
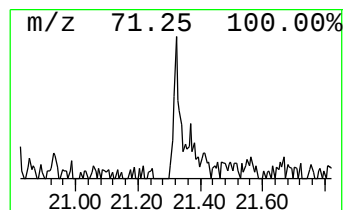
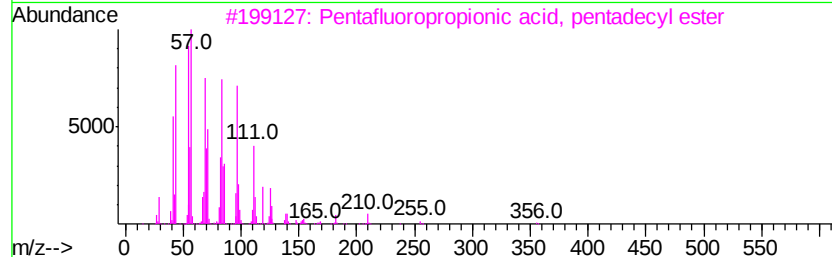
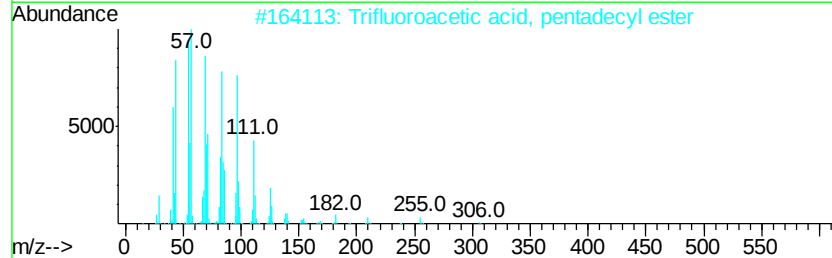
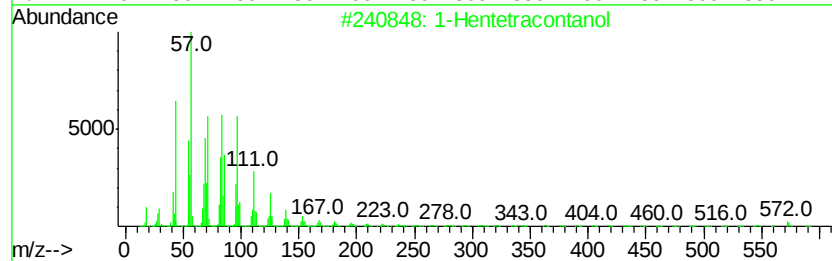
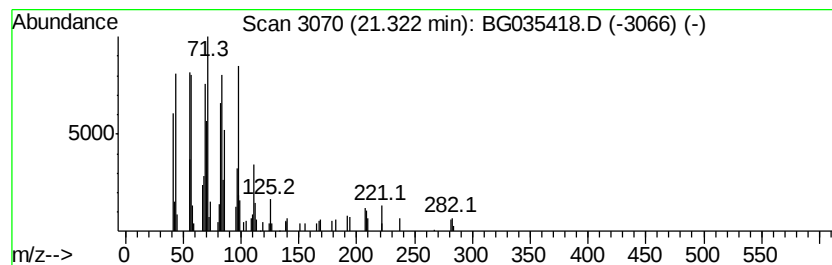
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Peak Number 5 1-Hentetracontanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	2.18 ng	105300	Chrysene-d12	21.68
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Hentetracontanol	593 C41H84O	040710-42-7	81
2	Trifluoroacetic acid, pentadecyl...	324 C17H31F3O2	959010-23-2	76
3	Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1	76
4	1-Heneicosanol	312 C21H44O	015594-90-8	76
5	Bromoacetic acid, octadecyl ester	390 C20H39BrO2	018992-03-5	74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.16	7.2	ng	105299	1	8.05	293100	20.0
unknown7.58	7.58	86.9	ng	1273130	1	8.05	293100	20.0
n-Hexadecanoic acid	18.30	3.5	ng	142574	4	17.42	821027	20.0
1-Hentetracontanol	21.32	2.2	ng	105300	5	21.68	966214	20.0