

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010187.D
 Acq On : 24 May 2017 19:02
 Operator : SJ/MA
 Sample : I3282-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-11

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_M\METHODS\8270-BM051917.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	5.528	409	415	424	rBV	1043005	1544706	13.42%	3.317%
2	7.134	681	688	699	rBV	585872	944897	8.21%	2.029%
3	7.487	740	748	757	rBV	1911311	3054865	26.54%	6.560%
4	7.951	820	827	834	rBV	507118	821376	7.14%	1.764%
5	8.269	873	881	892	rBV	1917804	3142281	27.30%	6.747%
6	9.134	1020	1028	1035	rBV	1396327	2351531	20.43%	5.049%
7	10.163	1198	1203	1211	rVB3	74354	123499	1.07%	0.265%
8	10.757	1297	1304	1308	rBV	619753	1019735	8.86%	2.190%
9	10.804	1308	1312	1321	rVB	372929	644701	5.60%	1.384%
10	13.204	1713	1720	1730	rBV	4392890	6110713	53.09%	13.121%
11	14.039	1857	1862	1867	rBV	105221	152526	1.33%	0.328%
12	14.580	1948	1954	1961	rBV2	920260	1435346	12.47%	3.082%
13	16.074	2201	2208	2217	rBV	3413520	4744170	41.22%	10.187%
14	17.327	2415	2421	2426	rBV	1376288	1924864	16.72%	4.133%
15	17.745	2488	2492	2498	rVB	159332	220954	1.92%	0.474%
16	18.174	2561	2565	2571	rBV3	160955	244305	2.12%	0.525%
17	19.445	2777	2781	2786	rBV7	102414	175244	1.52%	0.376%
18	19.927	2858	2863	2869	rBV	9085281	11509328	100.00%	24.714%
19	21.162	3070	3073	3081	rVB3	264780	419867	3.65%	0.902%
20	21.486	3123	3128	3133	rBV	2350640	2867774	24.92%	6.158%
21	23.844	3524	3529	3540	rVB2	1535260	3118287	27.09%	6.696%

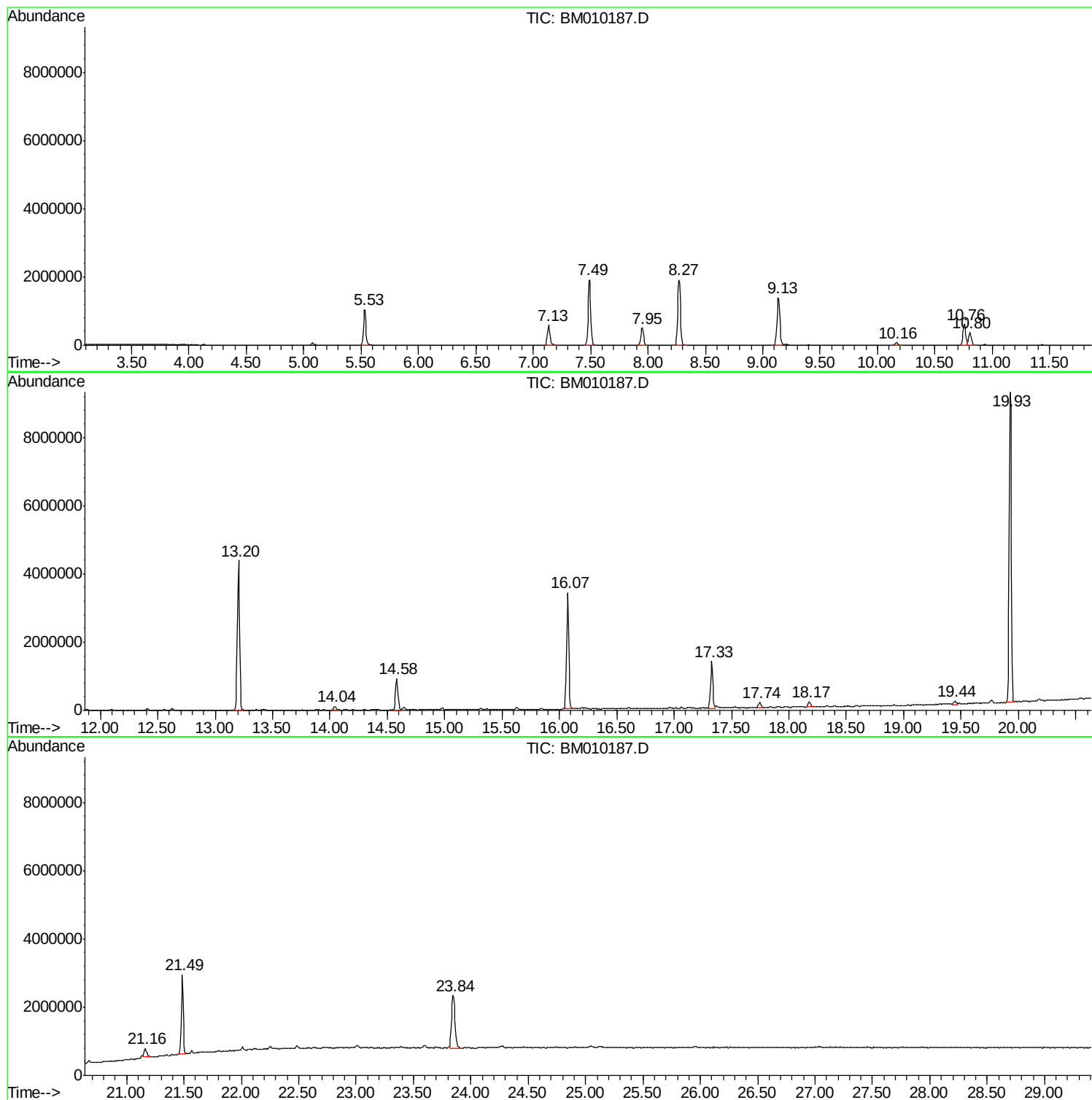
Sum of corrected areas: 46570969

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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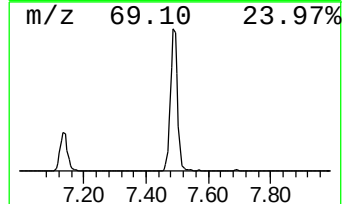
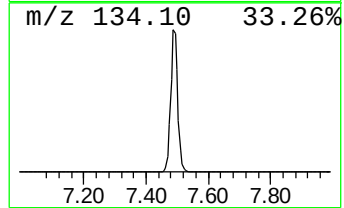
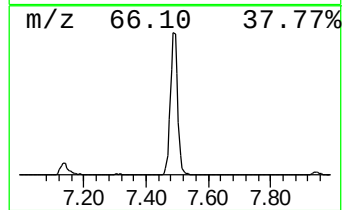
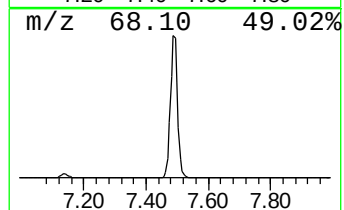
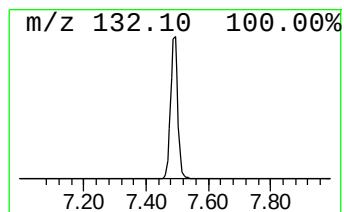
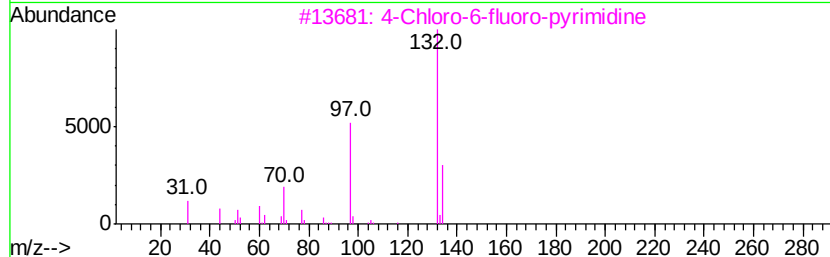
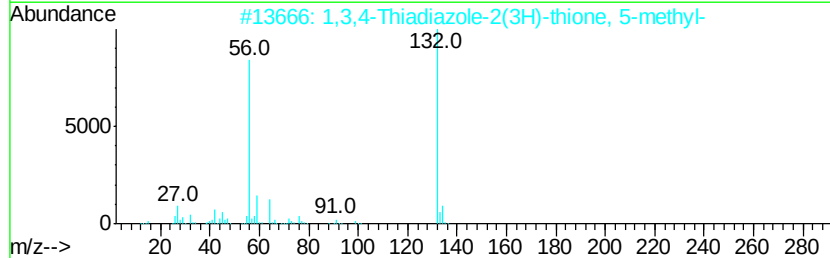
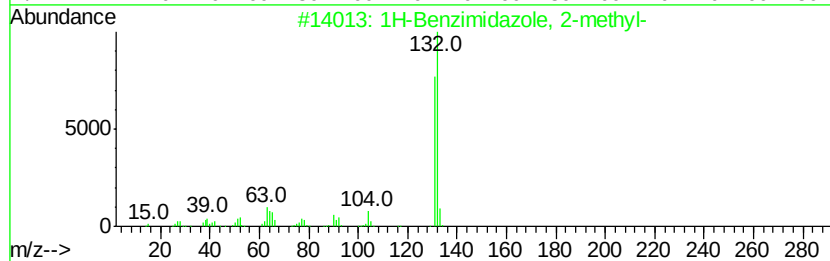
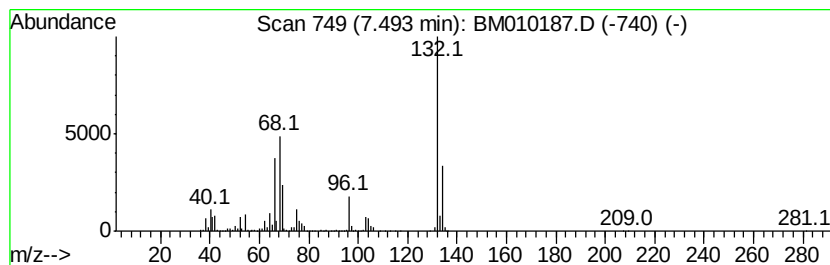
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.49 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	74.38 ng	3054870	1,4-Dichlorobenzene-d4	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
2		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
4		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
5		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12



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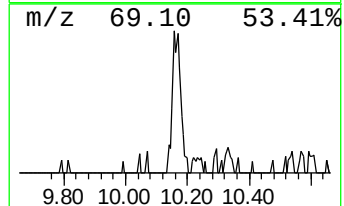
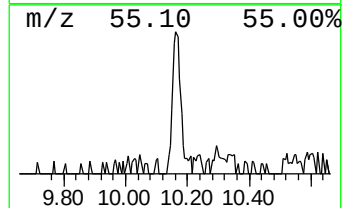
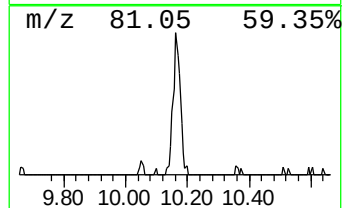
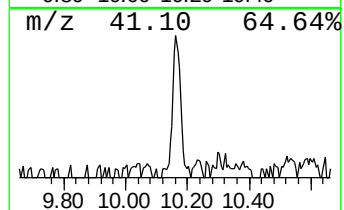
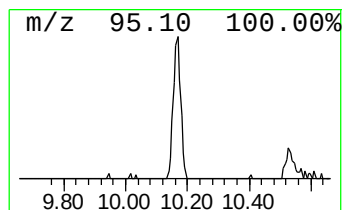
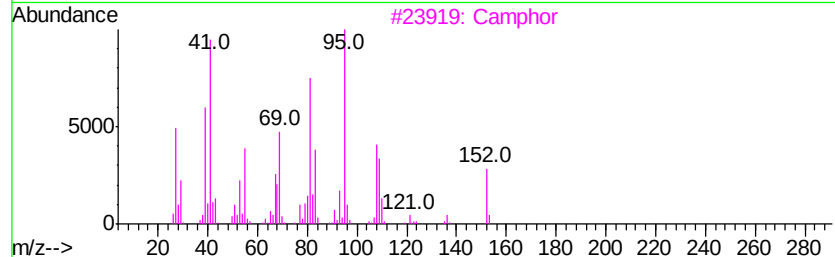
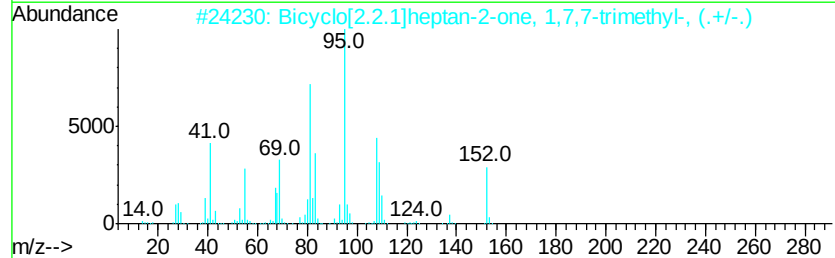
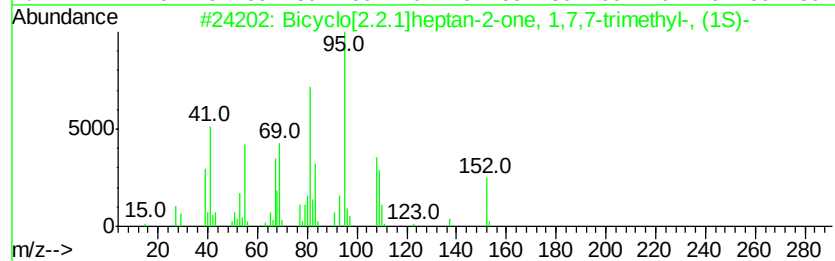
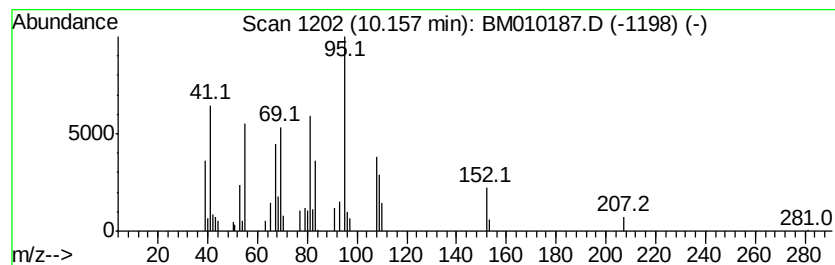
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Peak Number 3 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	2.42 ng	123499	Naphthalene-d8	10.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96
2		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	021368-68-3	94
3		Camphor	152	C10H16O	000076-22-2	94
4		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	93
5		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	000529-00-0	41



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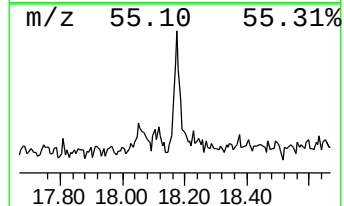
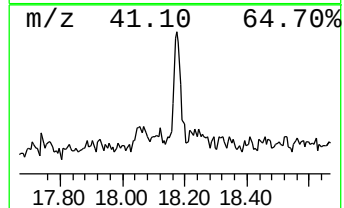
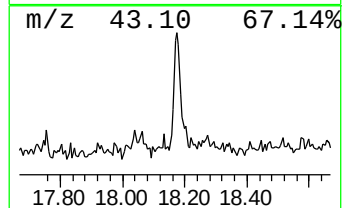
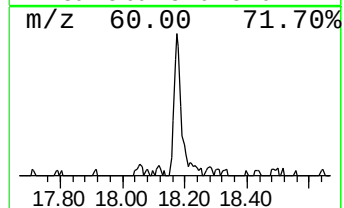
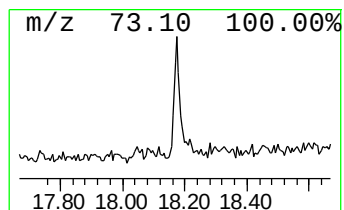
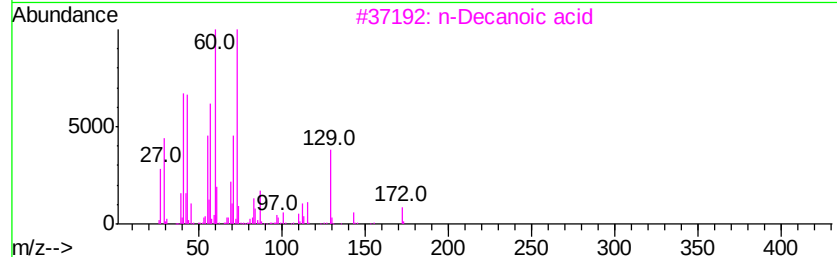
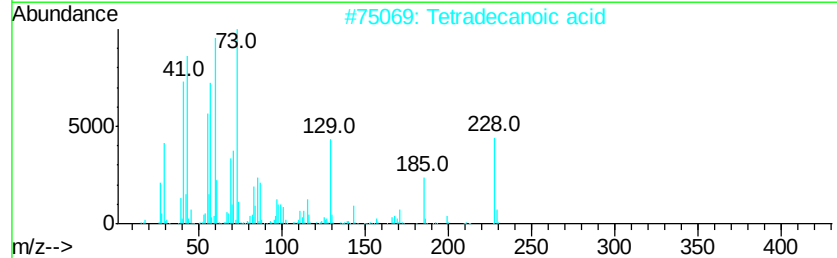
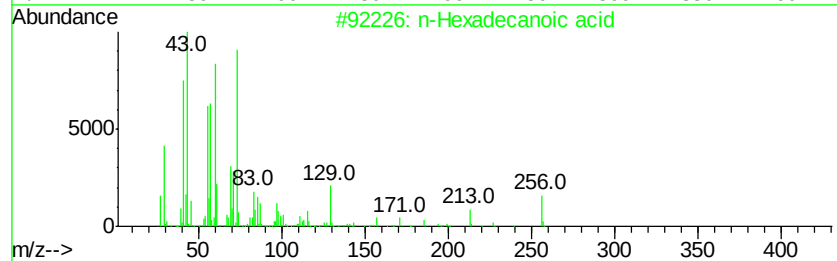
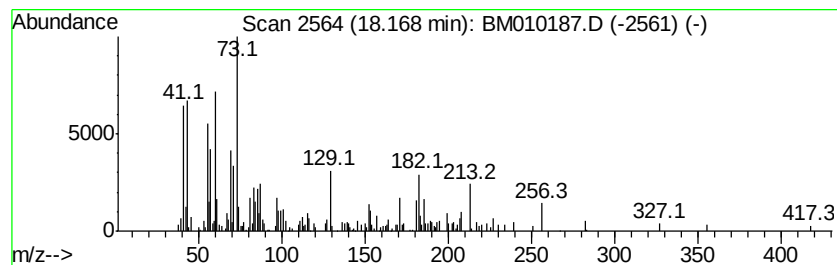
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	2.54 ng	244305	Phenanthrene-d10	17.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3		n-Decanoic acid	172	C10H20O2	000334-48-5	60
4		Tridecanoic acid	214	C13H26O2	000638-53-9	58
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	58



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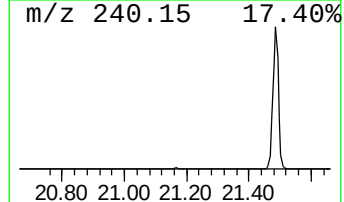
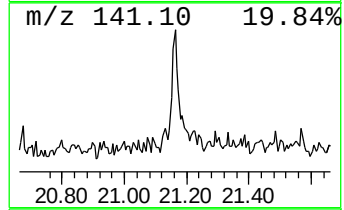
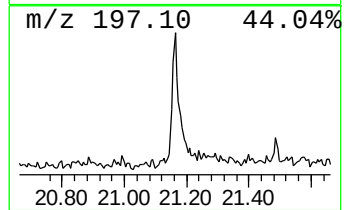
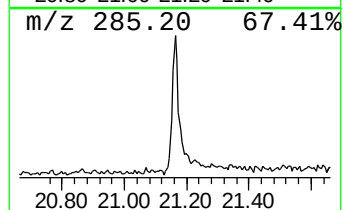
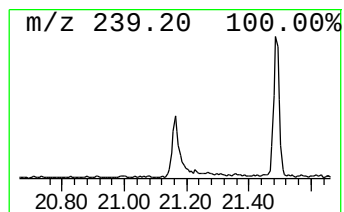
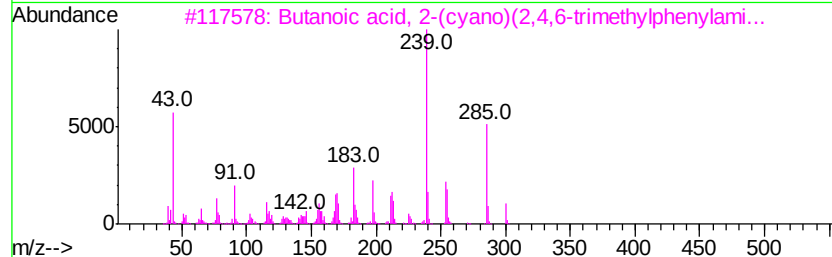
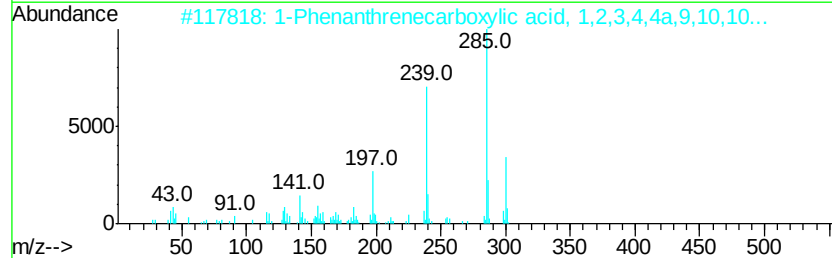
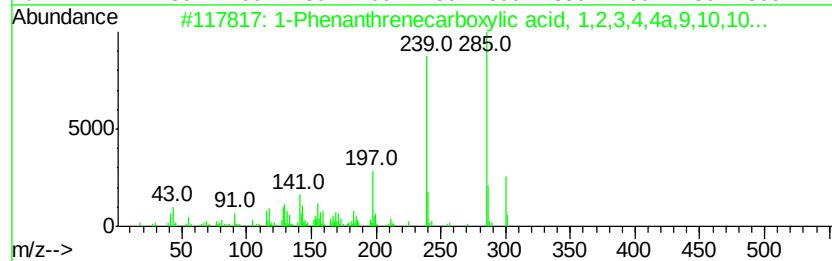
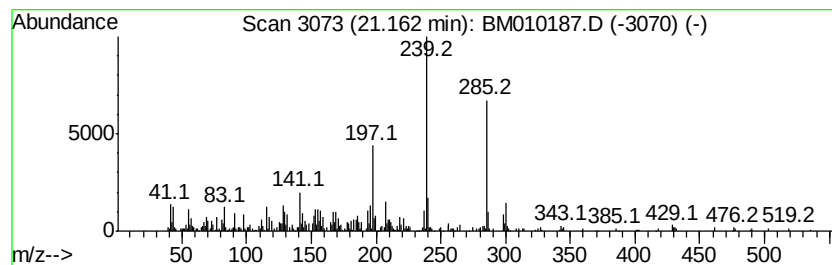
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Peak Number 5 1-Phenanthrenecarboxylic ac... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.16	2.93 ng	419867	Chrysene-d12	21.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	001740-19-8	95
2		1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	89
3		Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	70
4		Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	49
5		3-[1-Naphthyl]-5-hydroxyiminomet...	239	C13H9N3O2	103499-04-3	42



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.49	7.49	74.4	ng	3054870	1	7.95	821376	20.0
Bicyclo[2.2.1]hep...	10.16	2.4	ng	123499	2	10.76	1019740	20.0
n-Hexadecanoic acid	18.17	2.5	ng	244305	4	17.33	1924860	20.0
1-Phenanthrenecar...	21.16	2.9	ng	419867	5	21.49	2867770	20.0