

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
 Data File : BM023839.D
 Acq On : 21 Nov 2019 21:07
 Operator : JU
 Sample : K5851-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 22 05:51:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 21 16:09:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	320984	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.29	136	1289212	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	799358	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.92	188	1727970	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1730389	20.00	ng/ul	0.00
86) Perylene-d12	23.28	264	2136347	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	19489	2.50	ng/uL	0.00
5) Phenol-d5	6.70	99	390945	13.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	226868	13.49	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.05	132	316291	14.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	262094	11.23	ng/ul	-0.01
19) Nitrobenzene-d5	8.66	128	152283	16.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	168400	17.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	306861	13.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	316676	13.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	967131	15.51	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1146275	16.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	97846	9.20	ng/ul	0.00
58) Fluorene-d10	15.17	176	873811	15.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	64242	6.43	ng/ul	0.00
71) Anthracene-d10	17.02	188	1394646	17.01	ng/ul	0.00
79) Pyrene-d10	19.33	212	1660385	18.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.14	264	1970635	17.53	ng/ul	-0.01

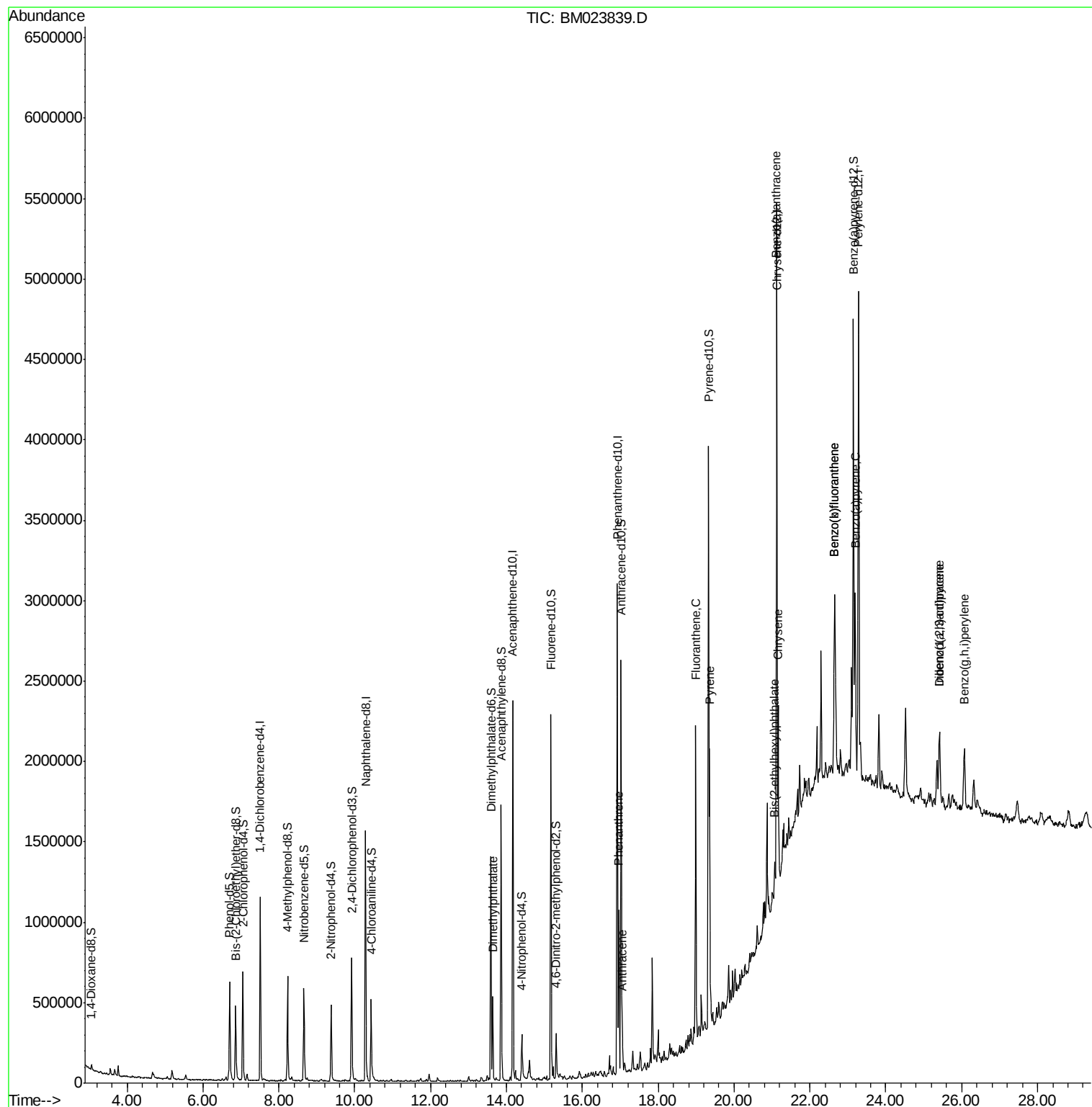
Target Compounds				Ovalue		
45) Dimethylphthalate	13.64	163	342993	5.615	ng/ul	98
70) Phenanthrene	16.96	178	581335	6.108	ng/ul	100
72) Anthracene	17.06	178	124883	1.305	ng/ul	96
77) Fluoranthene	18.99	202	1129692	11.078	ng/ul	96
80) Pyrene	19.36	202	1044188	9.336	ng/ul	98
83) Benzo(a)anthracene	21.12	228	583440	5.112	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.07	149	67411	1.260	ng/ul	99
85) Chrysene	21.16	228	608607	5.664	ng/ul	97
88) Benzo(b)fluoranthene	22.64	252	794618	5.835	ng/ul#	97
89) Benzo(k)fluoranthene	22.64	252	794618	6.056	ng/ul#	95
91) Benzo(a)pyrene	23.19	252	589419	4.728	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.41	276	445425	3.341	ng/ul	98
93) Dibenzo(a,h)anthracene	25.42	278	120808	1.074	ng/ul#	85
94) Benzo(g,h,i)perylene	26.07	276	452463	4.188	ng/ul	98

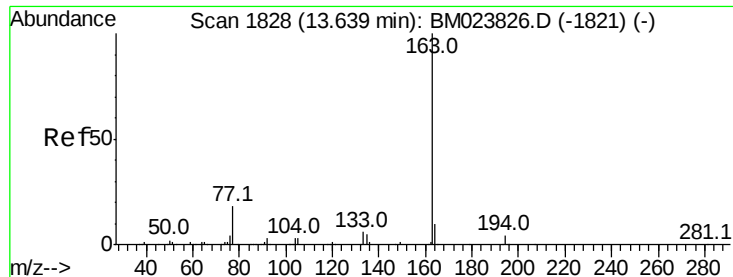
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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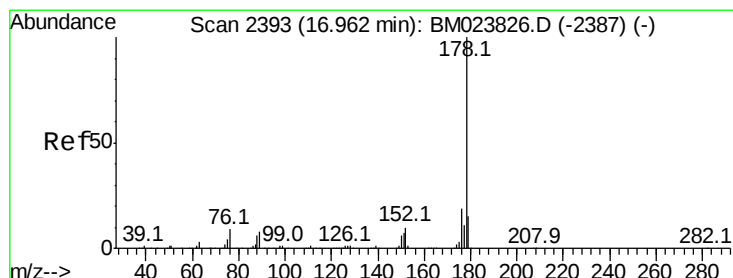
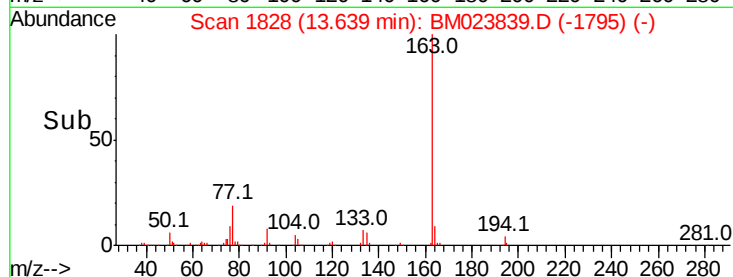
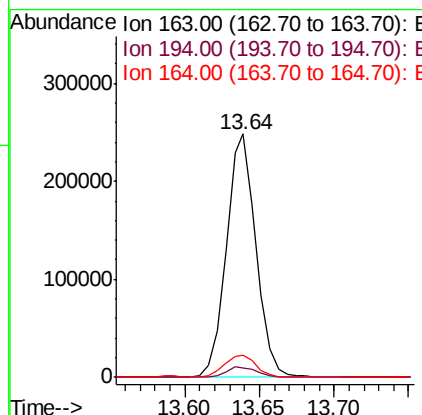
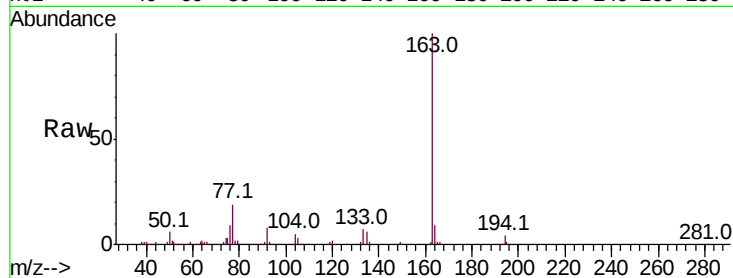




#45
Dimethylphthalate
Concen: 5.615 ng/ul
RT: 13.64 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM023839.D
Acq: 21 Nov 2019 21:07

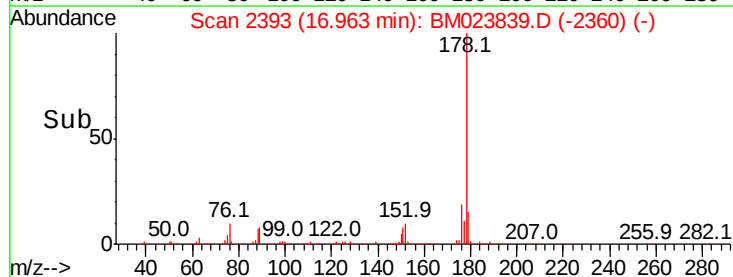
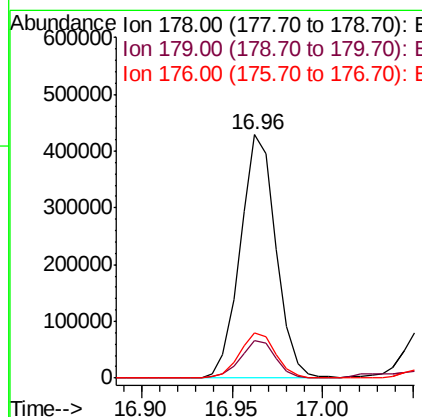
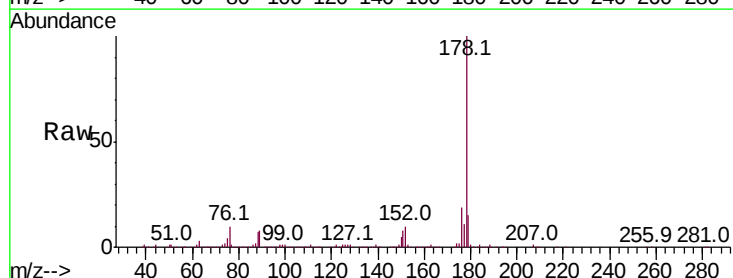
Instrument :
BNA_M
ClientSampleId :

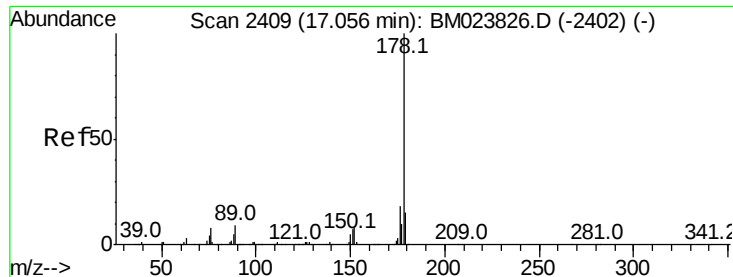
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	9.3	8.0	12.0



#70
Phenanthrene
Concen: 6.108 ng/ul
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM023839.D
Acq: 21 Nov 2019 21:07

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.5	15.0	22.6

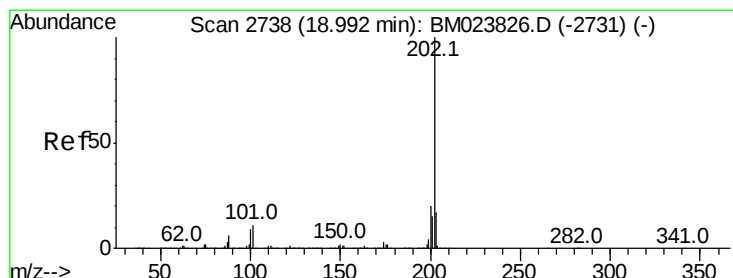
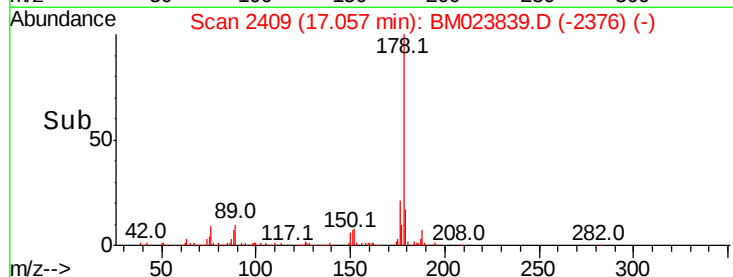
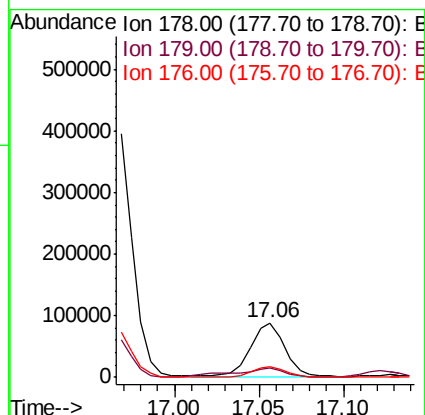
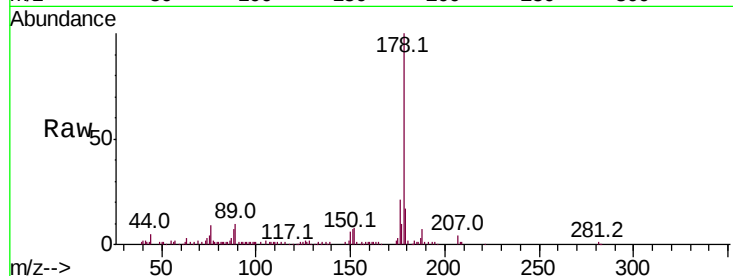




#72
 Anthracene
 Concen: 1.305 ng/ul
 RT: 17.06 min Scan# 2409
 Delta R.T. -0.01 min
 Lab File: BM023839.D
 Acq: 21 Nov 2019 21:07

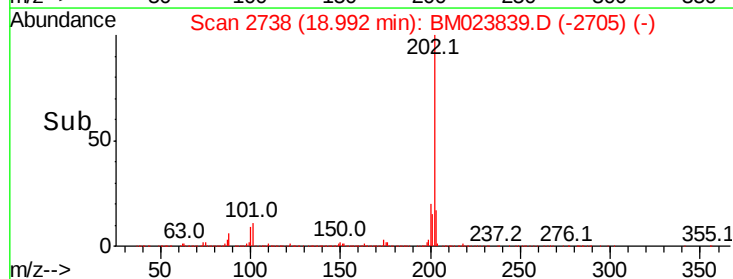
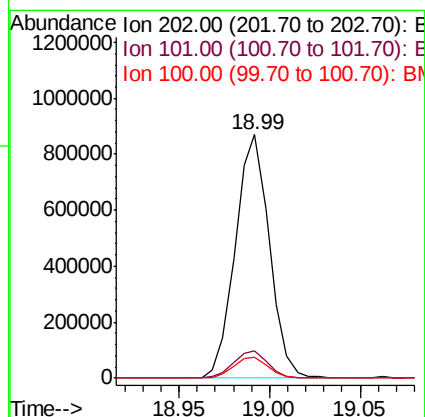
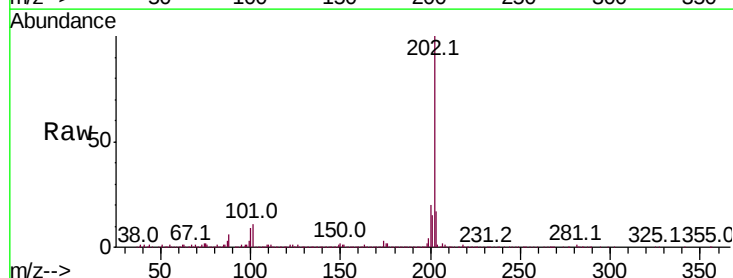
Instrument :
 BNA_M
 ClientSampled :

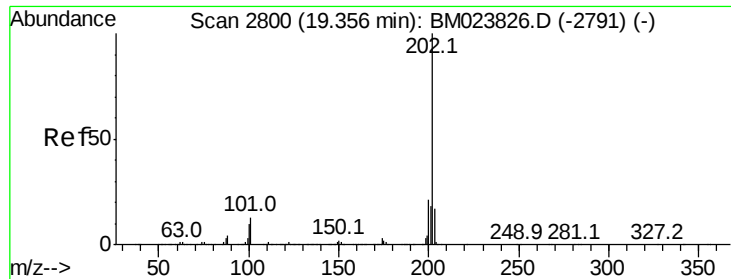
Tot Ion:178 Resp: 124883
 Ion Ratio Lower Upper
 178 100
 179 16.7 12.3 18.5
 176 20.6 14.7 22.1



#77
 Fluoranthene
 Concen: 11.078 ng/ul
 RT: 18.99 min Scan# 2738
 Delta R.T. -0.01 min
 Lab File: BM023839.D
 Acq: 21 Nov 2019 21:07

Tgt Ion:202 Resp: 1129692
 Ion Ratio Lower Upper
 202 100
 101 11.4 7.7 11.5
 100 8.7 6.0 9.0

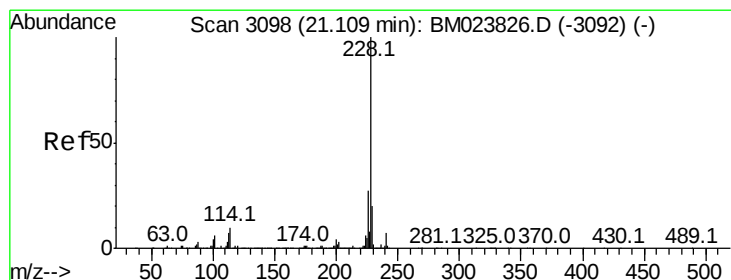
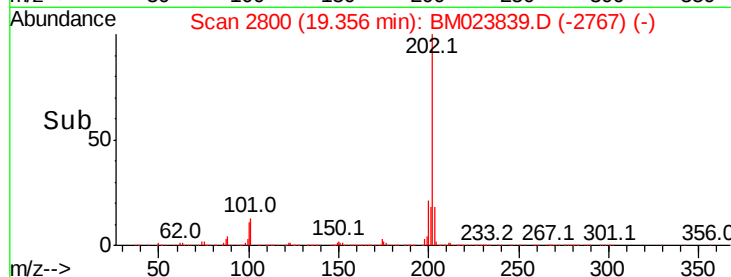
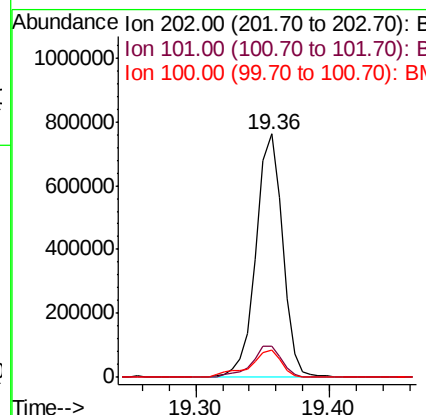
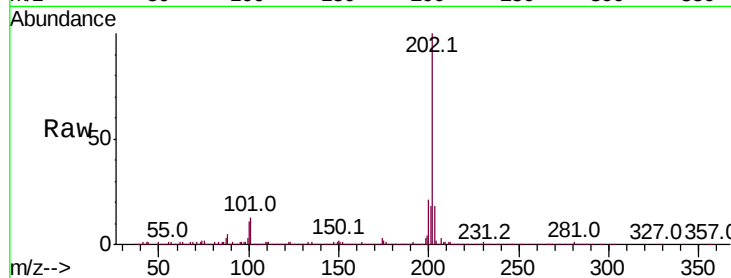




#80
Pvrene
Concen: 9.336 ng/ul
RT: 19.36 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BM023839.D
Acq: 21 Nov 2019 21:07

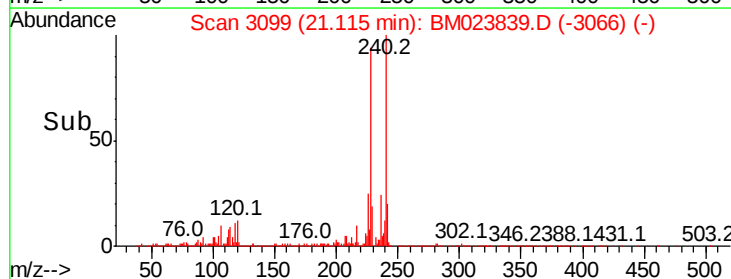
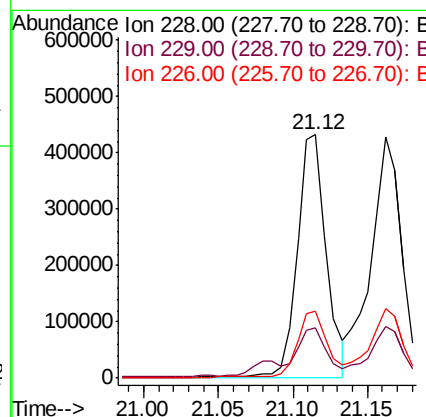
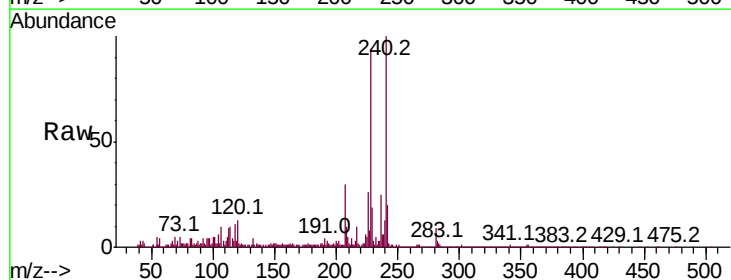
Instrument :
BNA_M
ClientSampleId :

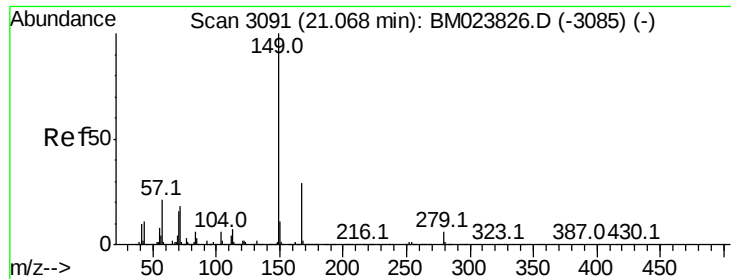
Tot Ion:202 Resp: 1044188
Ion Ratio Lower Upper
202 100
101 12.8 9.8 14.6
100 11.2 8.1 12.1



#83
Benzo(a)anthracene
Concen: 5.112 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM023839.D
Acq: 21 Nov 2019 21:07

Tgt Ion:228 Resp: 583440
Ion Ratio Lower Upper
228 100
229 20.6 15.6 23.4
226 27.5 21.4 32.2

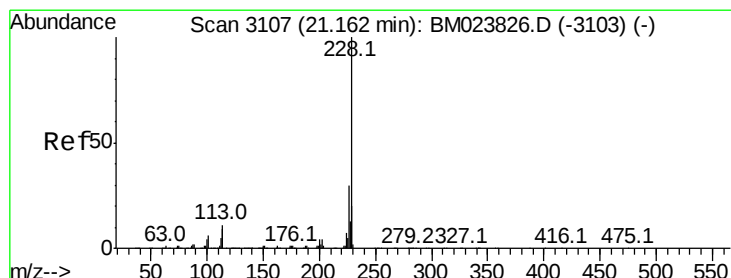
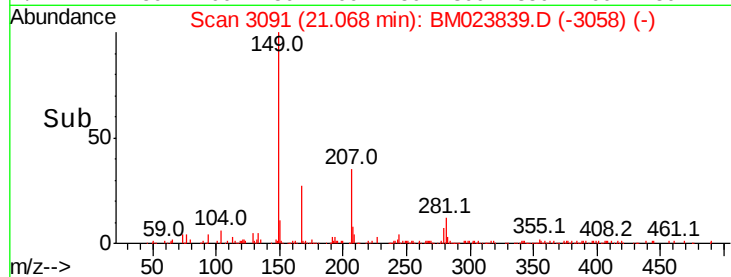
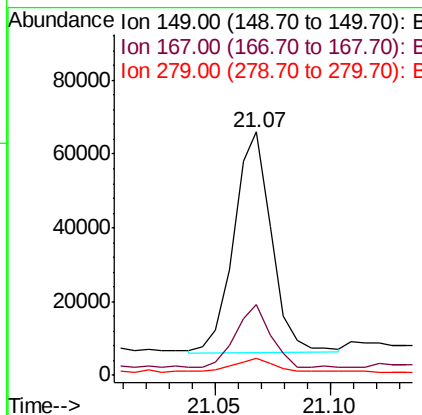
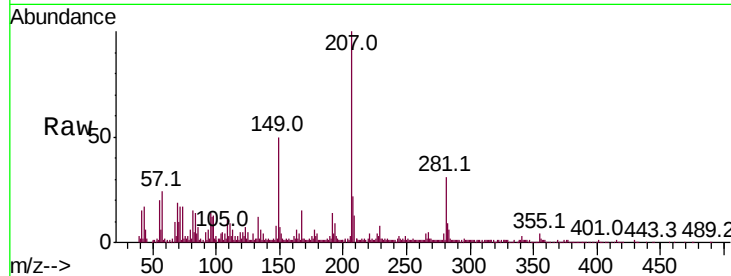




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.260 ng/ul
 RT: 21.07 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BM023839.D
 Acq: 21 Nov 2019 21:07

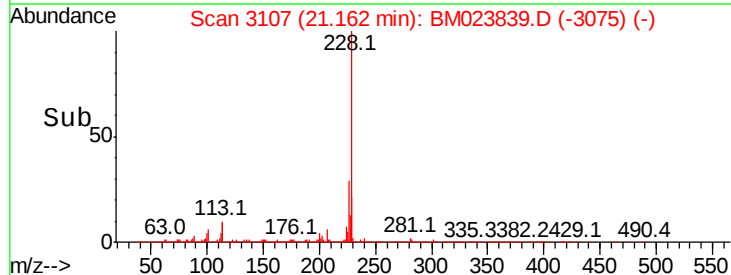
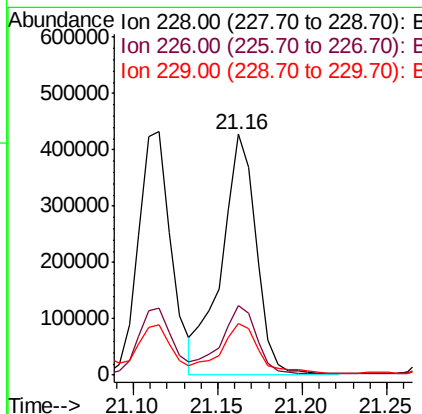
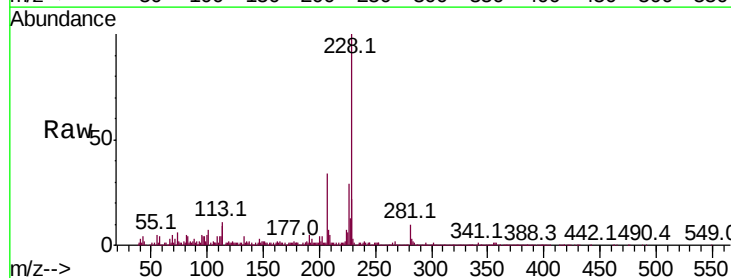
Instrument :
 BNA_M
 ClientSampleId :

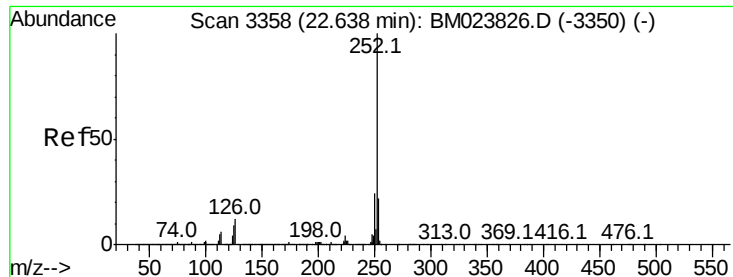
Tot Ion:149 Resp: 67411
 Ion Ratio Lower Upper
 149 100
 167 29.1 23.4 35.2
 279 7.1 5.0 7.4



#85
 Chrysene
 Concen: 5.664 ng/ul
 RT: 21.16 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BM023839.D
 Acq: 21 Nov 2019 21:07

Tgt Ion:228 Resp: 608607
 Ion Ratio Lower Upper
 228 100
 226 28.8 23.8 35.8
 229 21.6 15.8 23.6





#88

Benzo(b)fluoranthene

Concen: 5.835 ng/ul

RT: 22.64 min Scan# 3359

Delta R.T. -0.01 min

Lab File: BM023839.D

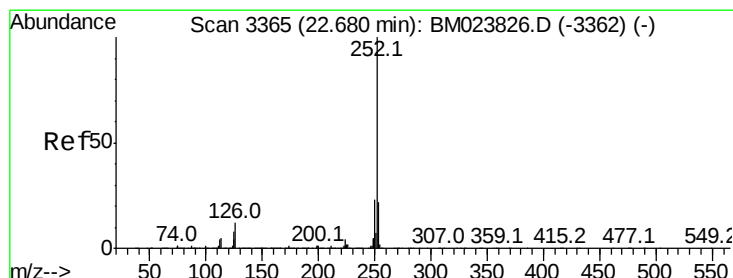
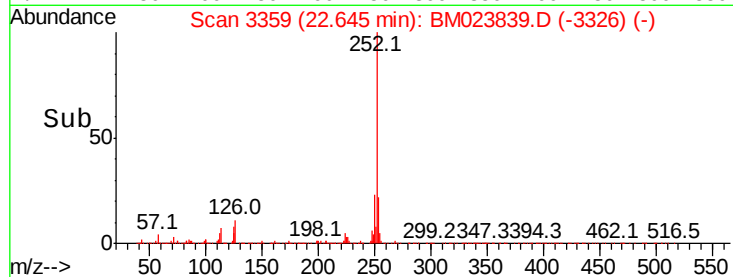
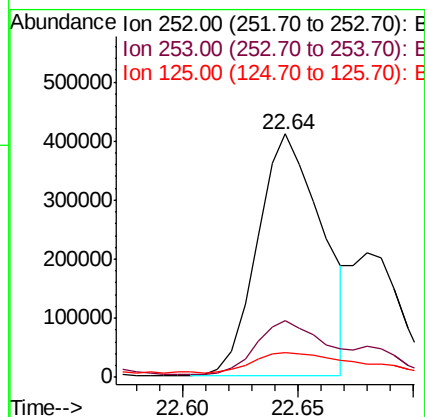
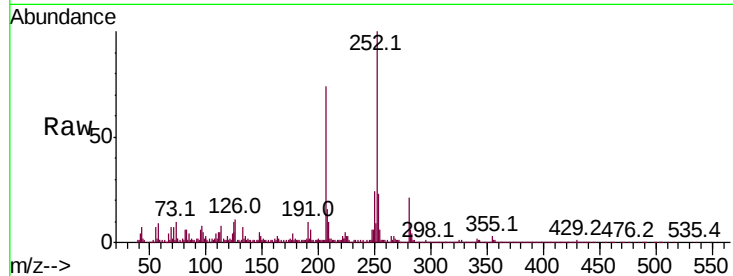
Acq: 21 Nov 2019 21:07

Instrument :

BNA_M

ClientSampled :

Tot Ion:252	Resp:	794618
Ion Ratio	Lower	Upper
252	100	
253	23.3	17.8 26.8
125	10.3	6.5 9.7#



#89

Benzo(k)fluoranthene

Concen: 6.056 ng/ul

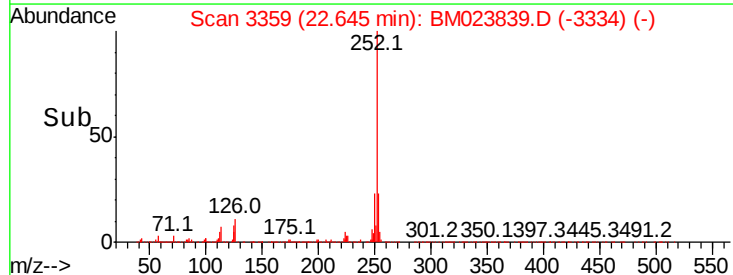
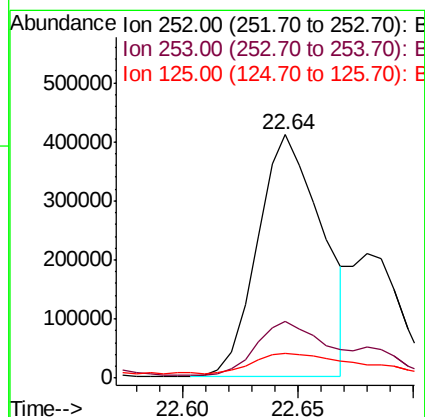
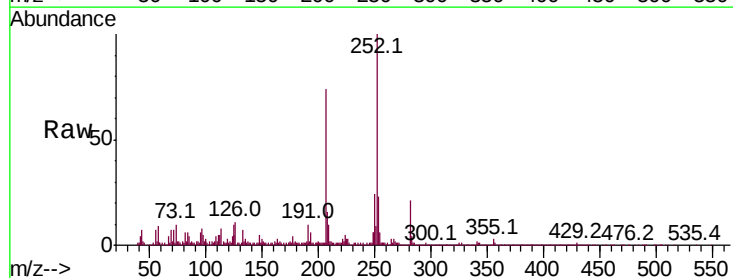
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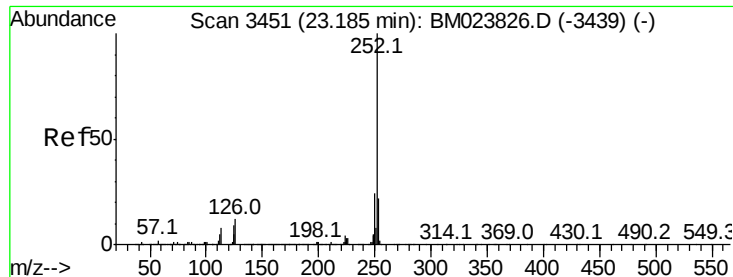
Delta R.T. -0.05 min

Lab File: BM023839.D

Acq: 21 Nov 2019 21:07

Tgt Ion:252	Resp:	794618
Ion Ratio	Lower	Upper
252	100	
253	23.3	17.2 25.8
125	10.3	5.9 8.9#





#91

Benzo(a)pyrene

Concen: 4.728 ng/ul

RT: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM023839.D

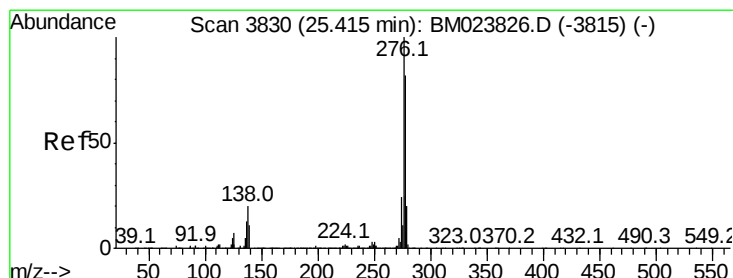
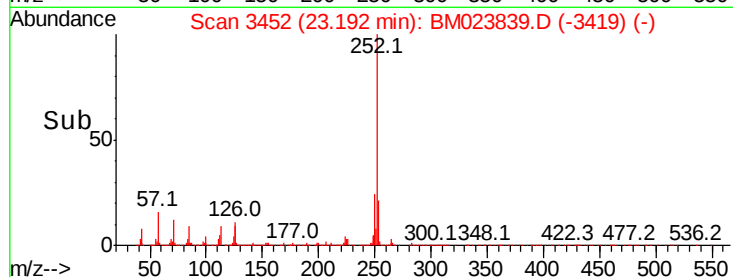
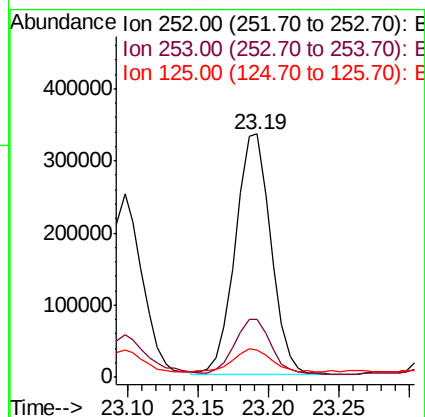
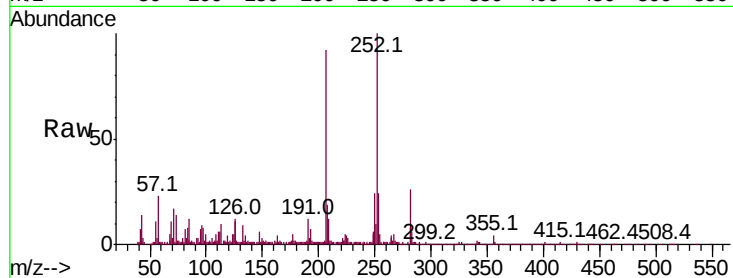
Acq: 21 Nov 2019 21:07

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	589419
Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.3	25.9
125	11.3	6.9	10.3#



#92

Indeno(1,2,3-cd)pyrene

Concen: 3.341 ng/ul

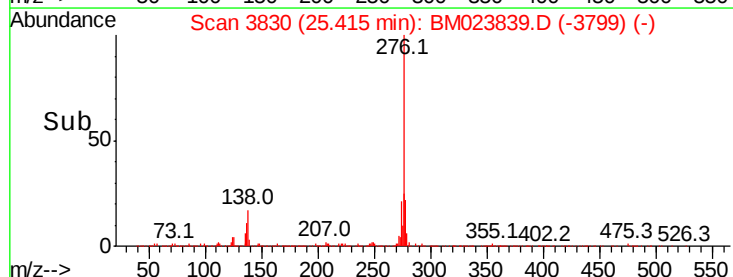
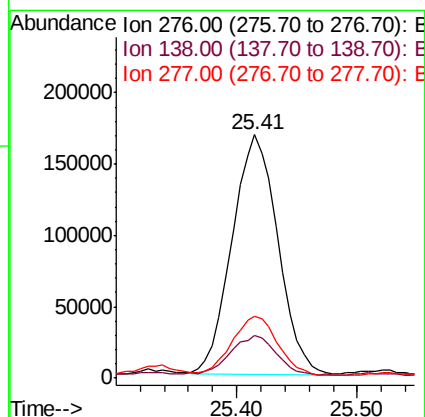
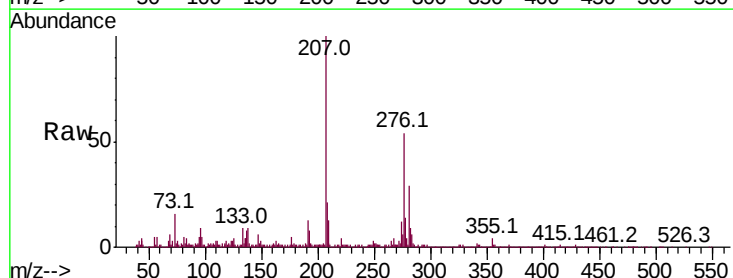
RT: 25.41 min Scan# 3830

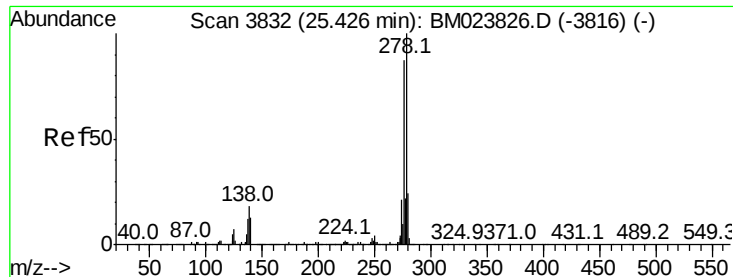
Delta R.T. -0.02 min

Lab File: BM023839.D

Acq: 21 Nov 2019 21:07

Tgt Ion:	276	Resp:	445425
Ion	Ratio	Lower	Upper
276	100		
138	17.4	15.0	22.4
277	25.4	20.0	30.0





#93

Dibenzo(a,h)anthracene

Concen: 1.074 ng/ul

RT: 25.42 min Scan# 3831

Delta R.T. -0.02 min

Lab File: BM023839.D

Acq: 21 Nov 2019 21:07

Instrument :

BNA_M

ClientSampleId :

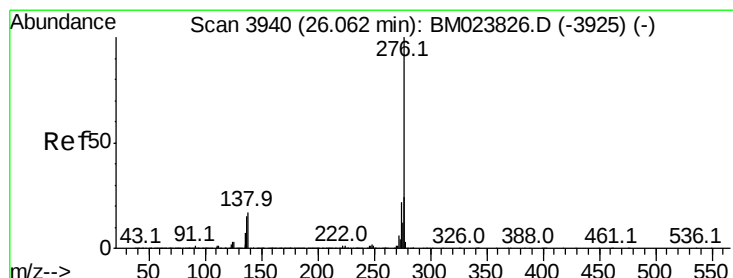
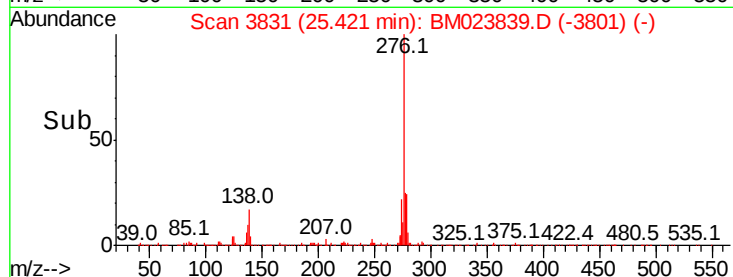
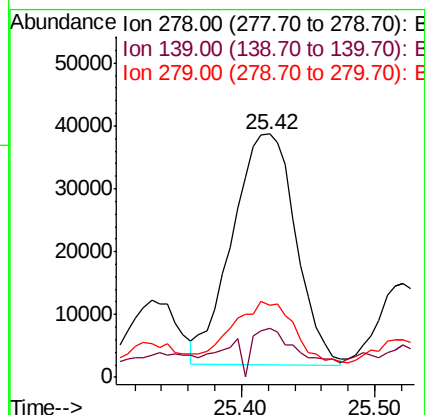
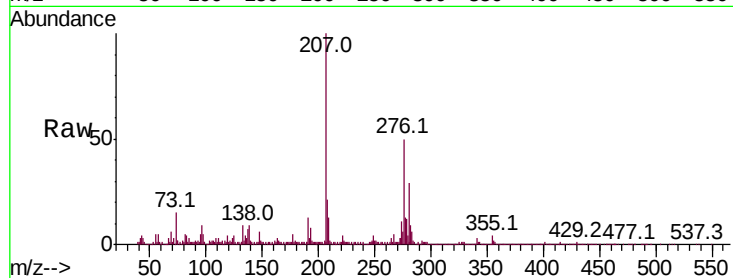
Tot Ion:278 Resp: 120808

Ion Ratio Lower Upper

278 100

139 20.1 10.0 15.0#

279 29.7 19.0 28.6#



#94

Benzo(g,h,i)perylene

Concen: 4.188 ng/ul

RT: 26.07 min Scan# 3941

Delta R.T. -0.02 min

Lab File: BM023839.D

Acq: 21 Nov 2019 21:07

Tgt Ion:276 Resp: 452463

Ion Ratio Lower Upper

276 100

138 16.9 13.2 19.8

277 24.2 18.6 28.0

