

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
 Data File : BM023835.D
 Acq On : 21 Nov 2019 18:43
 Operator : JU
 Sample : K5851-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 22 05:50:53 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	324228	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.29	136	1329821	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	817968	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	1763489	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1722928	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2128908	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	21468	2.73	ng/uL	0.00
5) Phenol-d5	6.70	99	457293	15.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	263452	15.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	372588	17.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	272808	11.57	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	178331	18.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	196122	19.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	356698	15.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	419584	16.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1110398	17.41	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1322035	18.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	120663	11.08	ng/ul	0.00
58) Fluorene-d10	15.17	176	983763	17.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	79395	7.78	ng/ul	0.00
71) Anthracene-d10	17.02	188	1567014	18.73	ng/ul	0.00
79) Pyrene-d10	19.33	212	1811929	20.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	2153177	19.22	ng/ul	0.00

Target Compounds

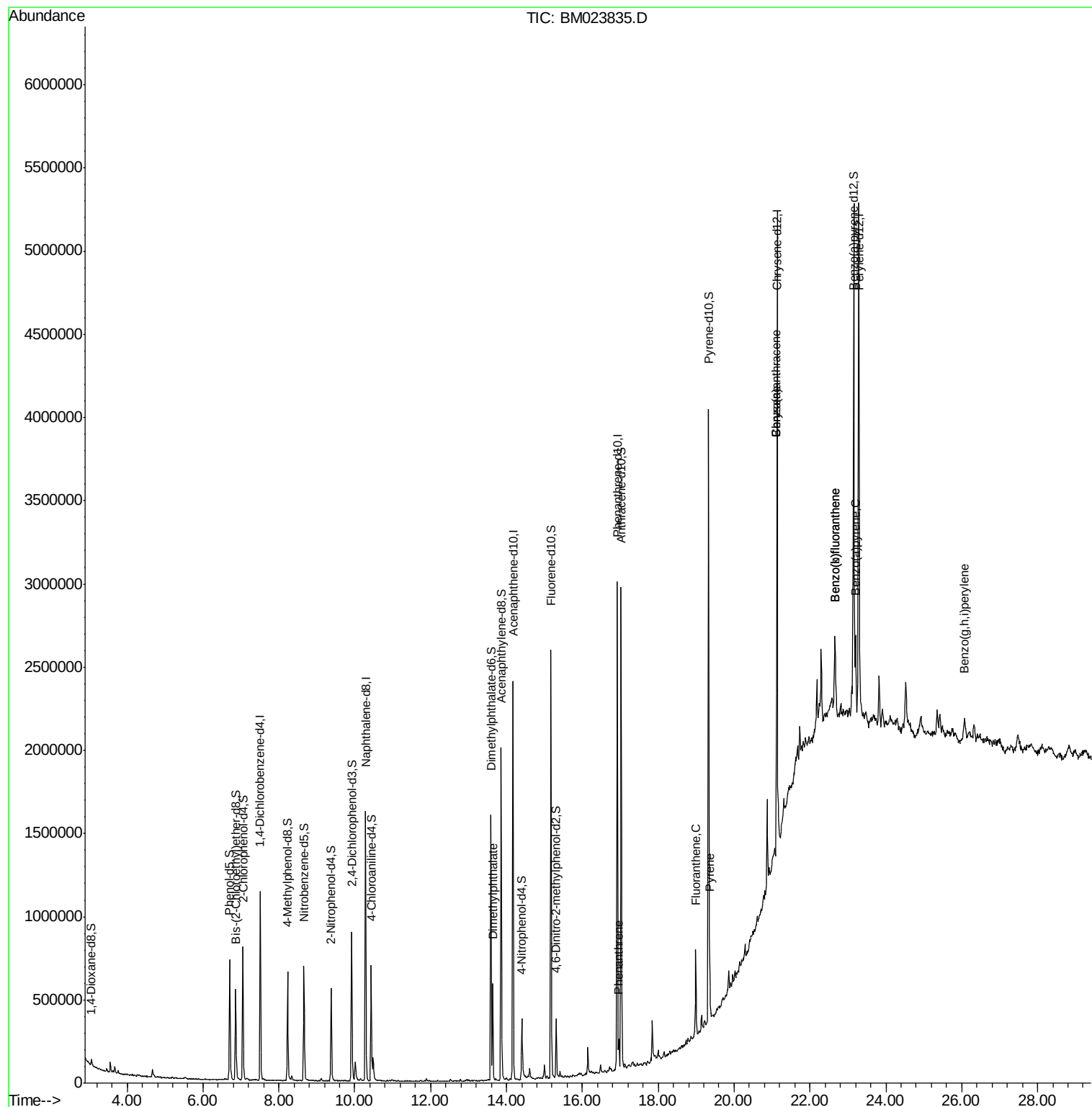
					Ovalue
45) Dimethylphthalate	13.64	163	366668	5.866	ng/ul 99
70) Phenanthrene	16.97	178	103094	1.061	ng/ul 99
77) Fluoranthene	18.99	202	302141	2.903	ng/ul 96
80) Pyrene	19.36	202	264297	2.373	ng/ul 96
83) Benzo(a)anthracene	21.12	228	158759	1.397	ng/ul 95
85) Chrysene	21.12	228	162394	1.518	ng/ul 97
88) Benzo(b)fluoranthene	22.65	252	229599	1.692	ng/ul# 89
89) Benzo(k)fluoranthene	22.65	252	229599	1.756	ng/ul# 87
91) Benzo(a)pyrene	23.19	252	163984	1.320	ng/ul# 86
94) Benzo(a,h,i)perylene	26.07	276	120727	1.121	ng/ul# 90

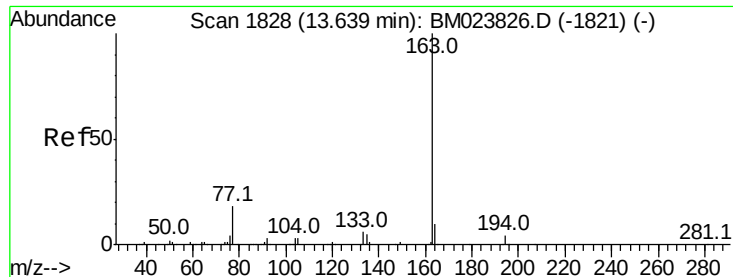
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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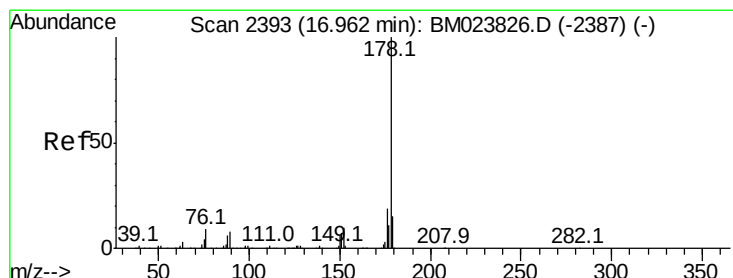
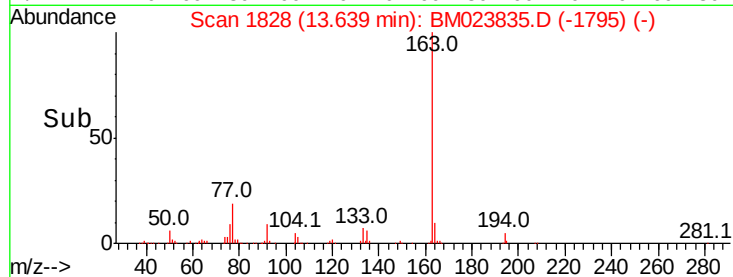
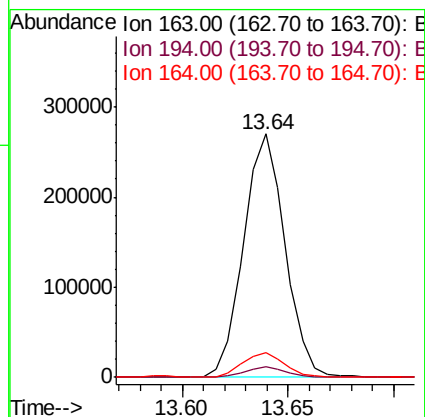
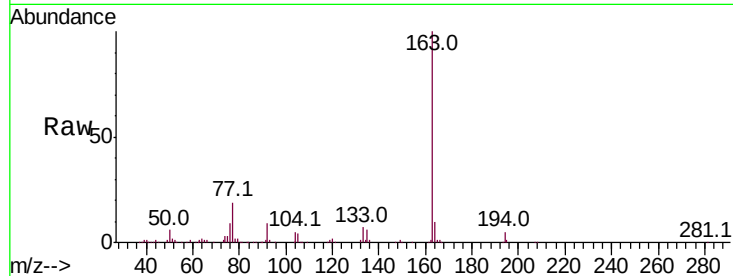




#45
Dimethylphthalate
Concen: 5.866 ng/ul
RT: 13.64 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM023835.D
Acq: 21 Nov 2019 18:43

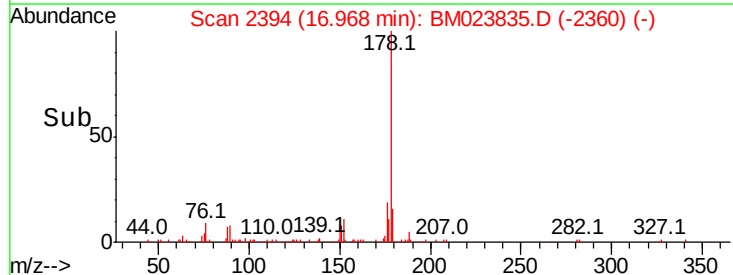
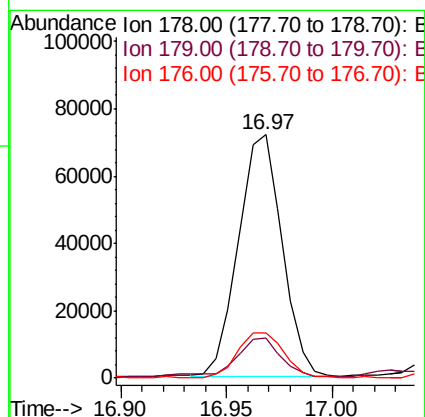
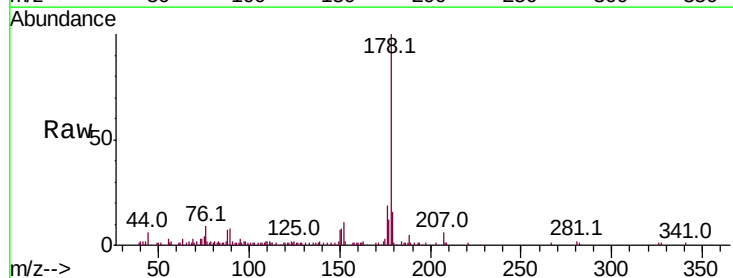
Instrument :
BNA_M
ClientSampleId :

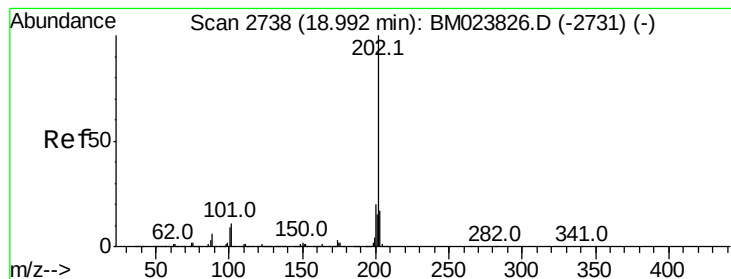
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.3	8.0	12.0



#70
Phenanthrene
Concen: 1.061 ng/ul
RT: 16.97 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BM023835.D
Acq: 21 Nov 2019 18:43

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.3	18.5
176	18.5	15.0	22.6





#77

Fluoranthene

Concen: 2.903 ng/ul

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM023835.D

Acq: 21 Nov 2019 18:43

Instrument :

BNA_M

ClientSampleId :

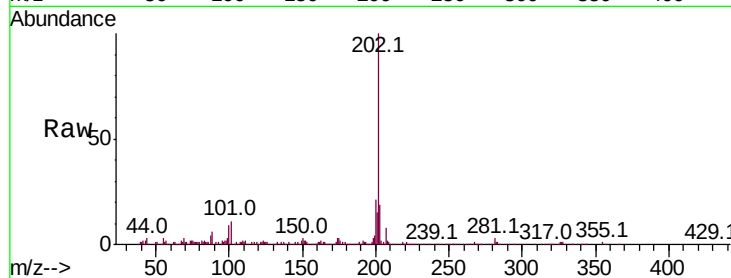
Tot Ion:202 Resp: 302141

Ion Ratio Lower Upper

202 100

101 11.2 7.7 11.5

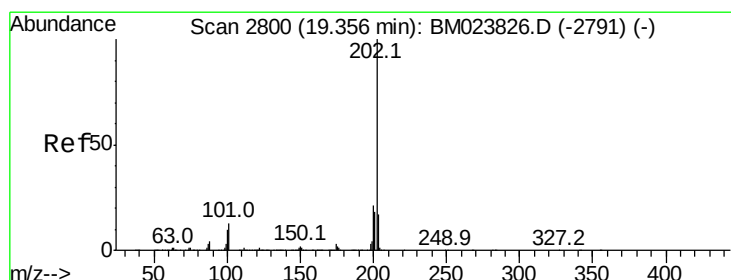
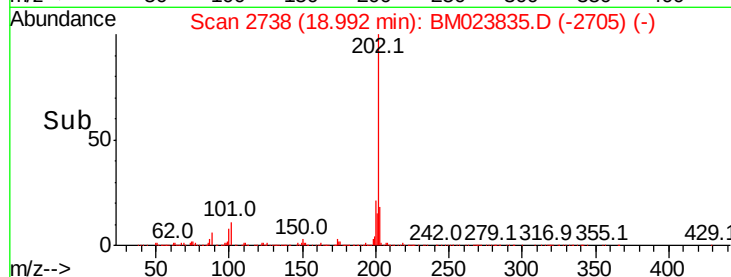
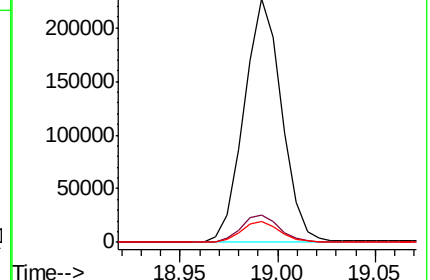
100 8.6 6.0 9.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 2.373 ng/ul

RT: 19.36 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BM023835.D

Acq: 21 Nov 2019 18:43

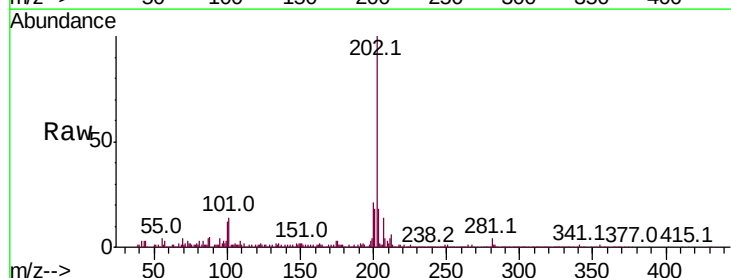
Tgt Ion:202 Resp: 264297

Ion Ratio Lower Upper

202 100

101 13.6 9.8 14.6

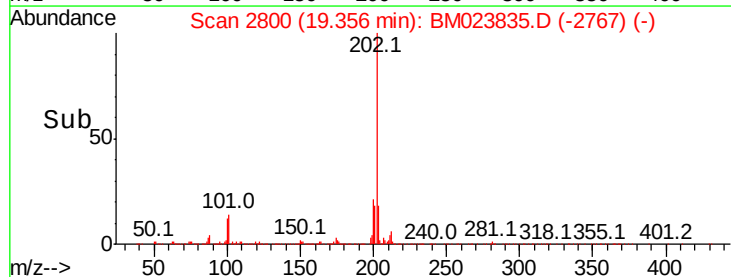
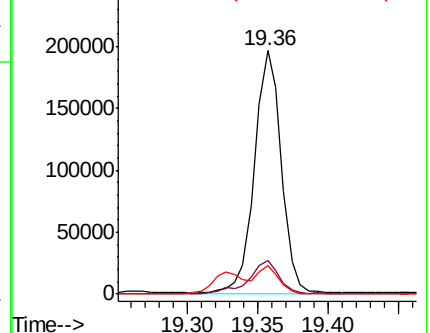
100 11.8 8.1 12.1

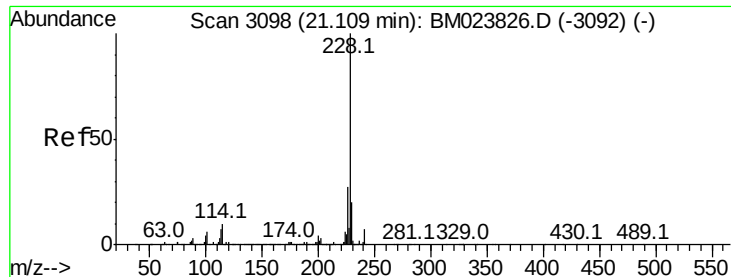


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

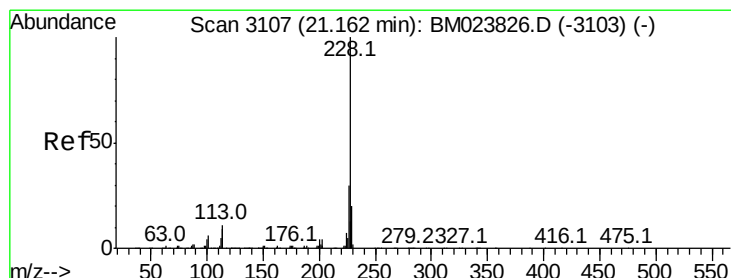
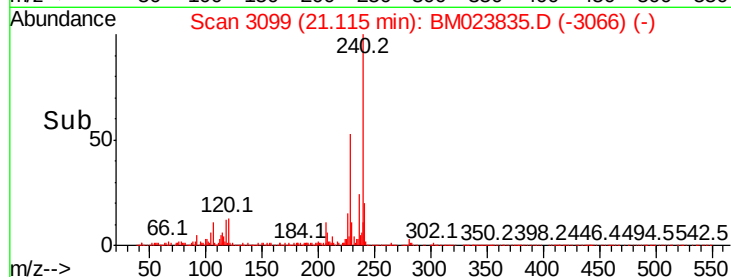
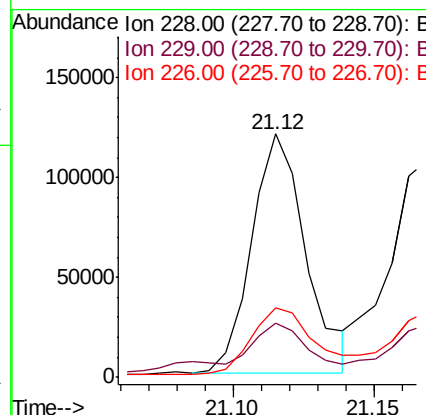
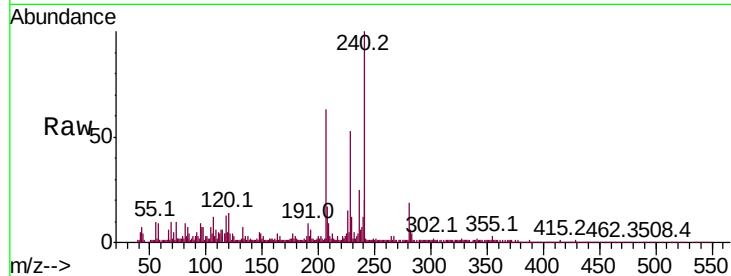




#83
Benzo(a)anthracene
Concen: 1.397 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM023835.D
Acq: 21 Nov 2019 18:43

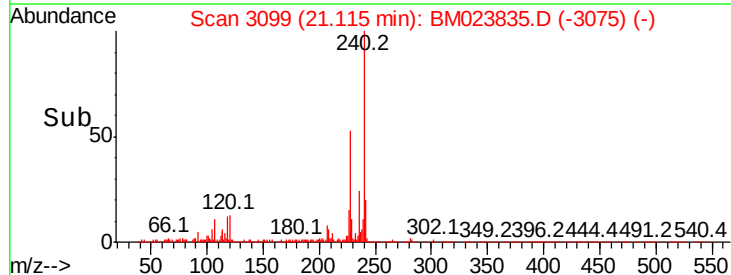
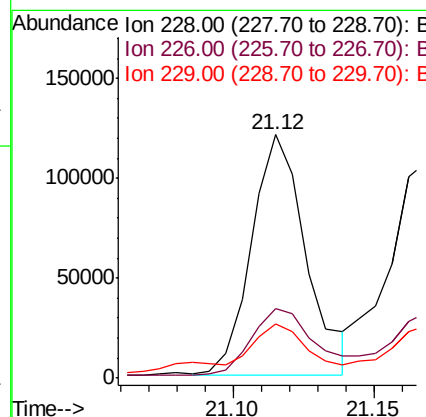
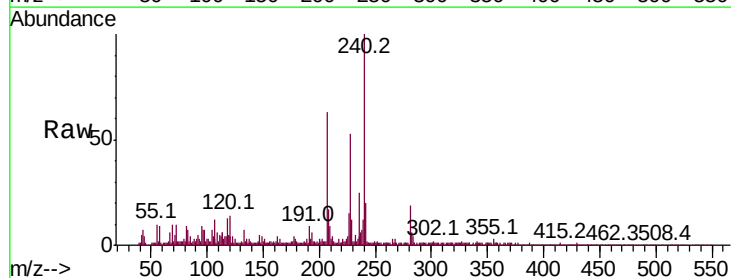
Instrument :
BNA_M
ClientSampleId :

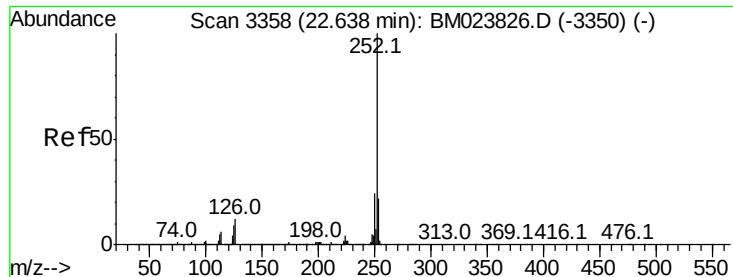
Tot Ion:228 Resp: 158759
Ion Ratio Lower Upper
228 100
229 22.4 15.6 23.4
226 28.8 21.4 32.2



#85
Chrysene
Concen: 1.518 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.06 min
Lab File: BM023835.D
Acq: 21 Nov 2019 18:43

Tgt Ion:228 Resp: 162394
Ion Ratio Lower Upper
228 100
226 28.8 23.8 35.8
229 22.4 15.8 23.6





#88

Benzo(b)fluoranthene

Concen: 1.692 ng/ul

RT: 22.65 min Scan# 3360

Delta R.T. 0.00 min

Lab File: BM023835.D

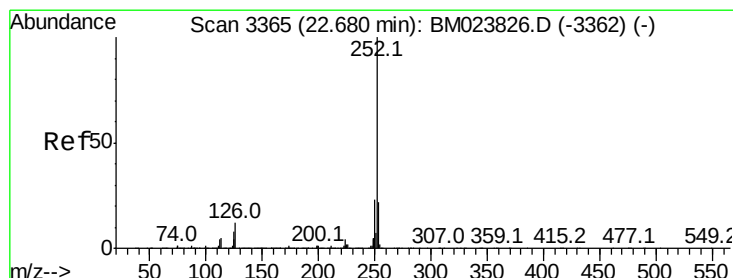
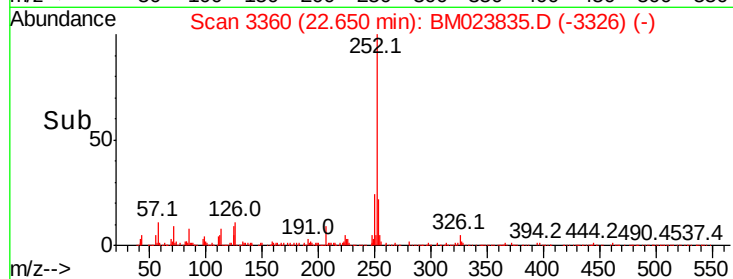
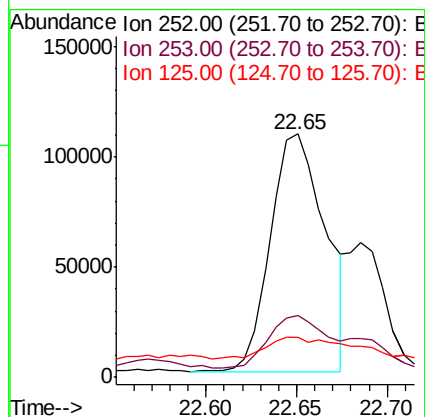
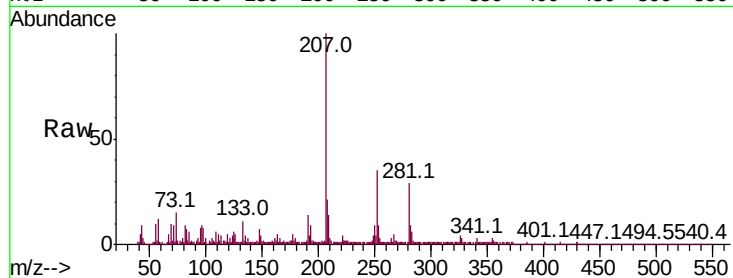
Acq: 21 Nov 2019 18:43

Instrument :

BNA_M

ClientSampled :

Tot Ion:252	Resp:	229599
Ion Ratio	Lower	Upper
252 100		
253 25.4	17.8	26.8
125 16.4	6.5	9.7#



#89

Benzo(k)fluoranthene

Concen: 1.756 ng/ul

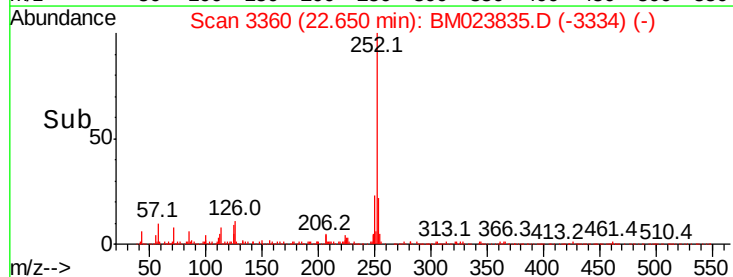
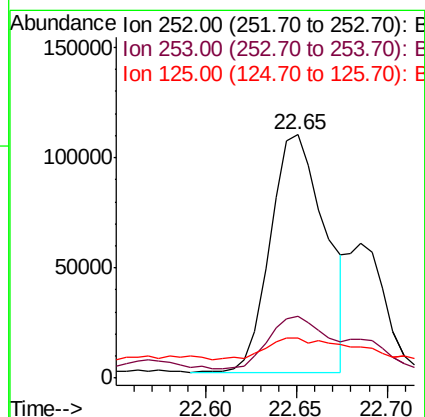
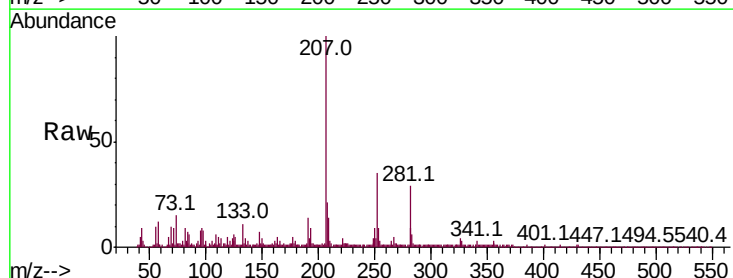
RT: 22.65 min Scan# 3360

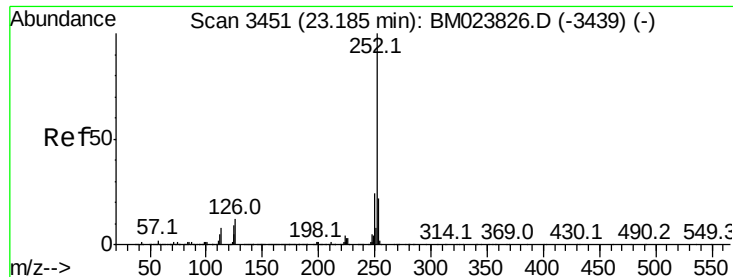
Delta R.T. -0.05 min

Lab File: BM023835.D

Acq: 21 Nov 2019 18:43

Tgt Ion:252	Resp:	229599
Ion Ratio	Lower	Upper
252 100		
253 25.4	17.2	25.8
125 16.4	5.9	8.9#





#91

Benzo(a)pyrene

Concen: 1.320 ng/ul

RT: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM023835.D

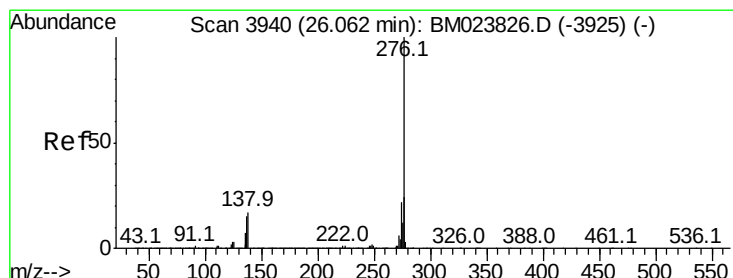
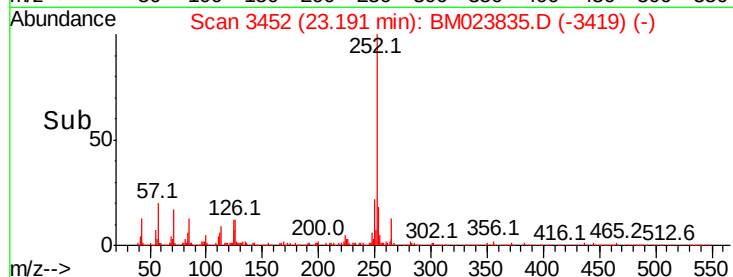
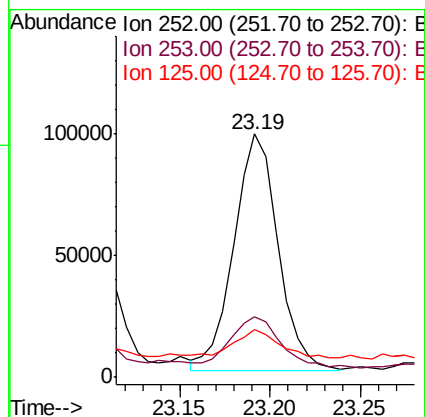
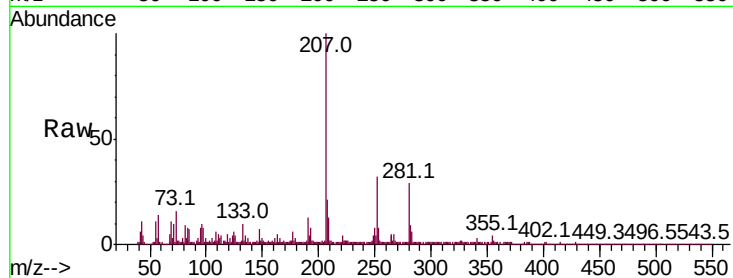
Acq: 21 Nov 2019 18:43

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	163984
Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.3	25.9
125	19.5	6.9	10.3#



#94

Benzo(g,h,i)perylene

Concen: 1.121 ng/ul

RT: 26.07 min Scan# 3942

Delta R.T. -0.01 min

Lab File: BM023835.D

Acq: 21 Nov 2019 18:43

Tgt Ion:	276	Resp:	120727
Ion	Ratio	Lower	Upper
276	100		
138	23.0	13.2	19.8#
277	26.6	18.6	28.0

