

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
 Data File : BM023175.D
 Acq On : 15 Oct 2019 20:22
 Operator : JU
 Sample : K5202-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA8

Quant Time: Oct 16 07:54:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 15 02:28:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	486966	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	2115574	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	1394499	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	3032396	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	3246514	20.00	ng/ul	-0.01
86) Perylene-d12	23.47	264	3364985	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	29215	2.64	ng/uL	0.00
5) Phenol-d5	6.85	99	557899	13.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	349501	14.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	451294	13.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	395842	11.62	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	213051	14.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	202639	14.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	460495	13.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	546710	12.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1621586	15.17	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	1871633	14.93	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.51	143	140671	8.13	ng/ul	-0.01
58) Fluorene-d10	15.32	176	1406470	15.45	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.43	200	106696	8.87	ng/ul	-0.01
71) Anthracene-d10	17.17	188	2198999	15.04	ng/ul	-0.01
79) Pyrene-d10	19.46	212	2644357	16.82	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.33	264	2756771	16.16	ng/ul	-0.02

Target Compounds

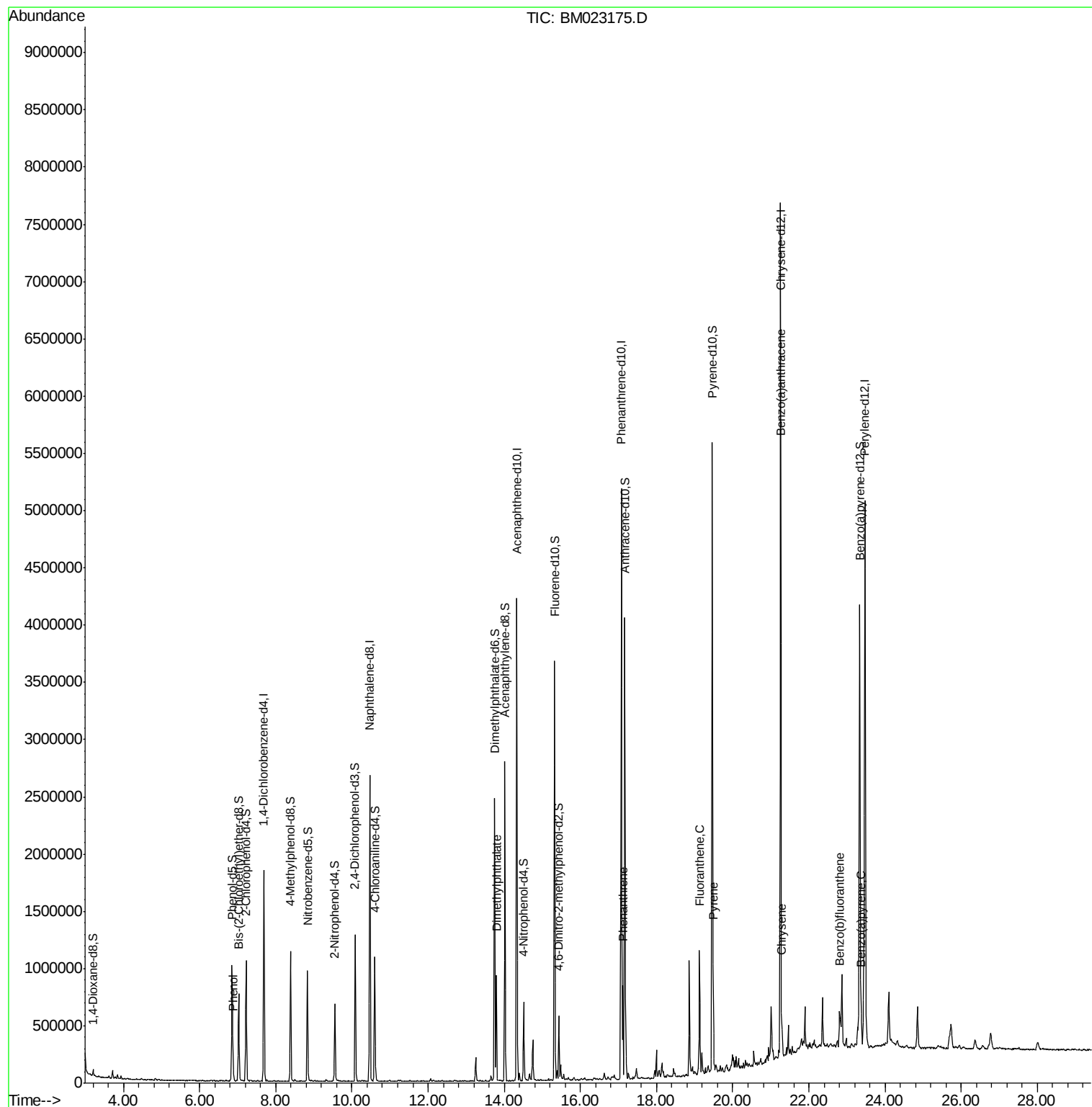
					Ovalue
6) Phenol	6.88	94	50367	1.152	ng/ul 96
45) Dimethylphthalate	13.79	163	580036	5.423	ng/ul 99
70) Phenanthrene	17.11	178	463472	2.723	ng/ul 100
77) Fluoranthene	19.13	202	636050	3.143	ng/ul 99
80) Pyrene	19.49	202	526607	2.589	ng/ul 98
83) Benzo(a)anthracene	21.24	228	290828	1.322	ng/ul 97
85) Chrysene	21.29	228	261064	1.278	ng/ul 96
88) Benzo(b)fluoranthene	22.81	252	308383	1.512	ng/ul 98
91) Benzo(a)pyrene	23.37	252	207564	1.060	ng/ul 96

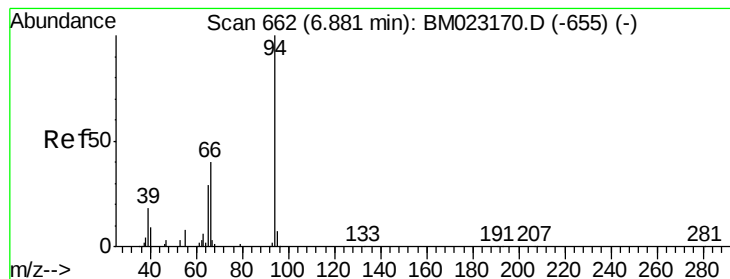
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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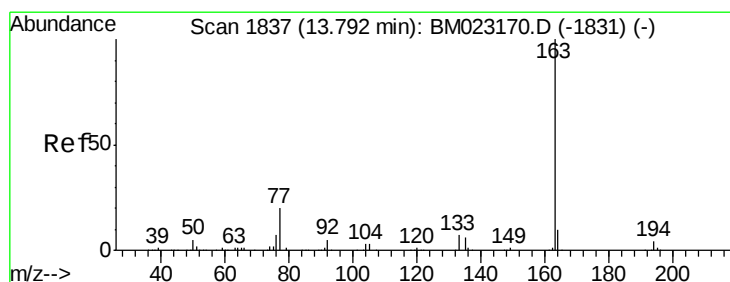
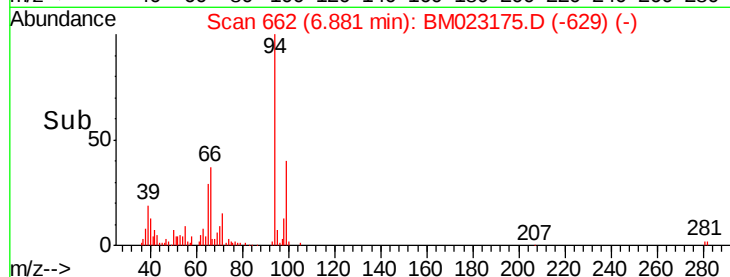
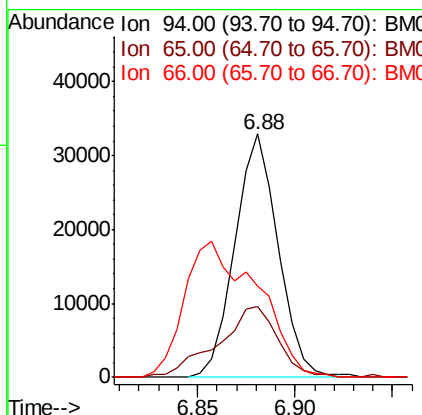
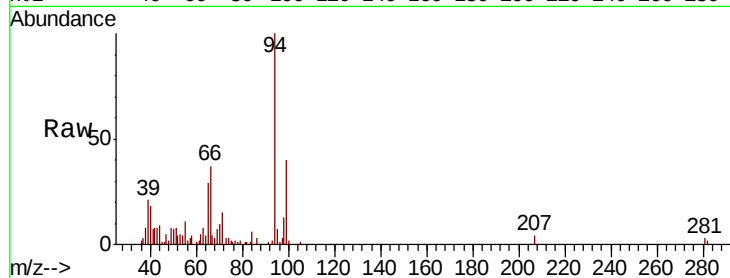
#6

Phenol

Concen: 1.152 ng/ul
 RT: 6.88 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BM023175.D
 Acq: 15 Oct 2019 20:22

Instrument :
 BNA_M
 ClientSampleId :
 C0AA8

Tot Ion	94	Resp	50367
Ion Ratio	Lower	Upper	
94	100		
65	29.3	23.7	35.5
66	37.3	32.9	49.3

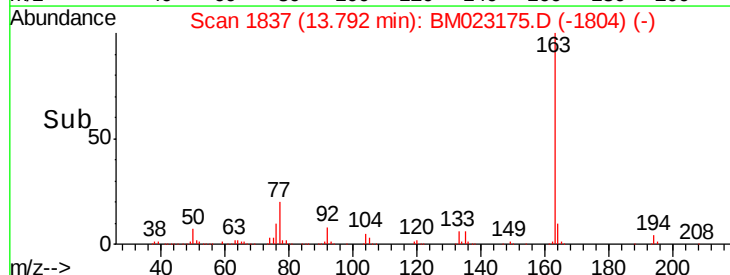
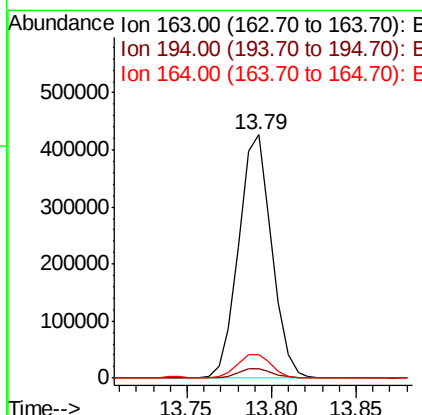
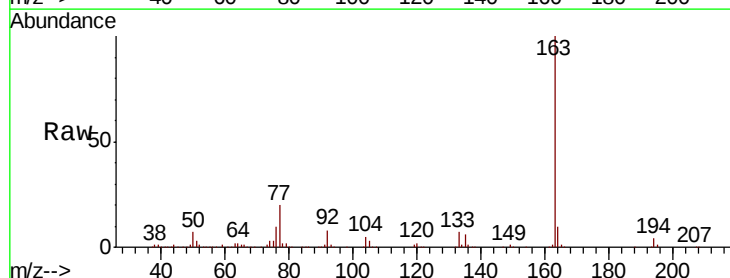


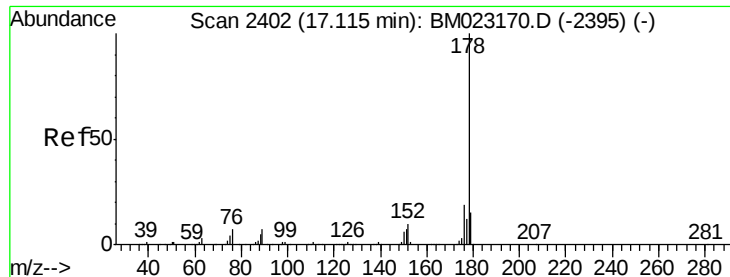
#45

Dimethylphthalate

Concen: 5.423 ng/ul
 RT: 13.79 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BM023175.D
 Acq: 15 Oct 2019 20:22

Tgt Ion	163	Resp	580036
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.5	5.3
164	9.7	8.0	12.0

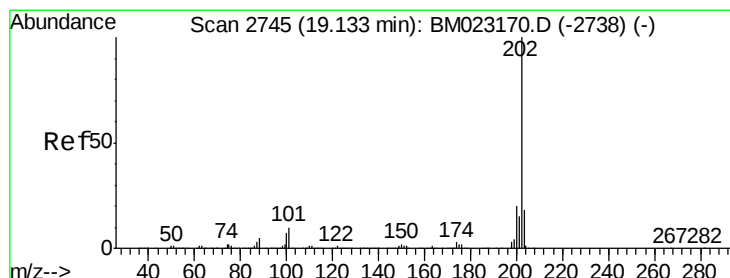
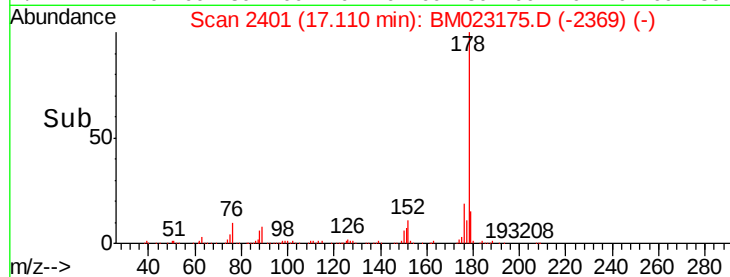
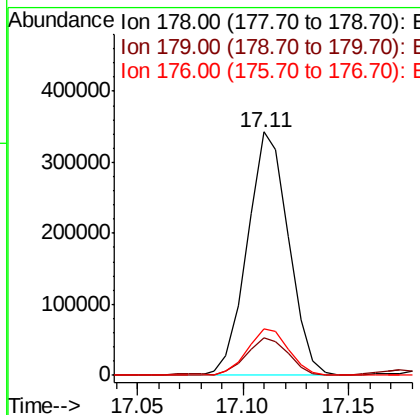
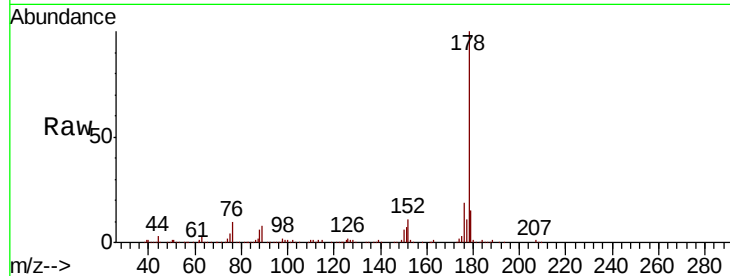




#70
Phenanthrene
Concen: 2.723 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM023175.D
Acq: 15 Oct 2019 20:22

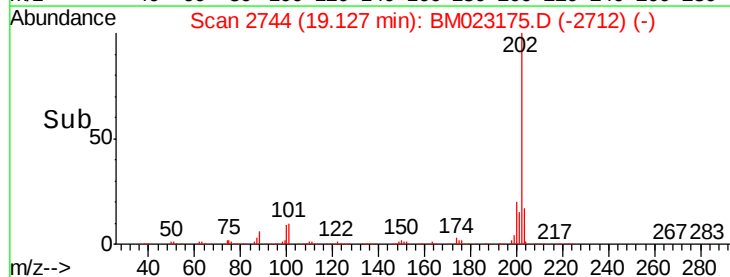
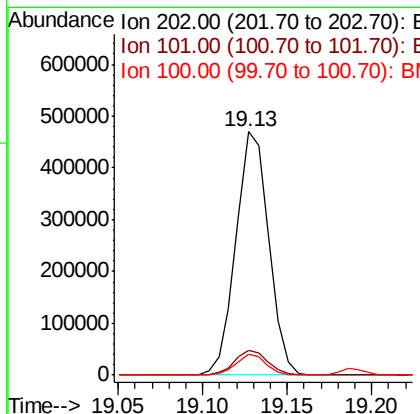
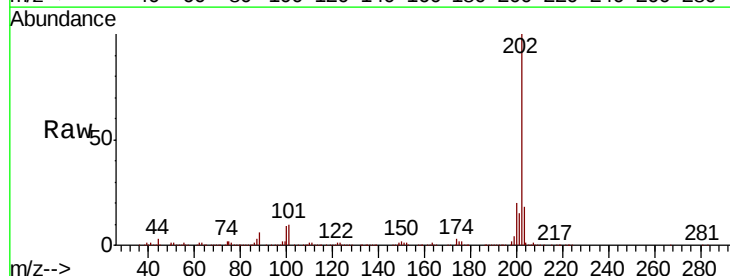
Instrument :
BNA_M
ClientSampleId :
C0AA8

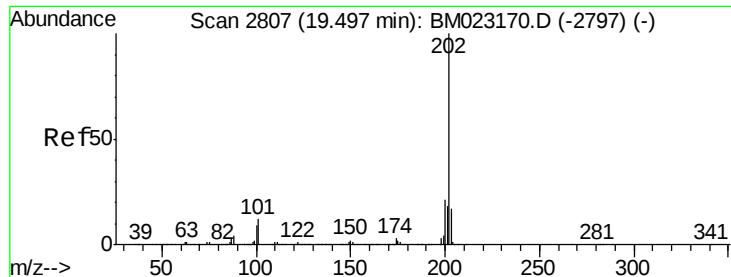
Tot Ion	178	Resp	463472
Ion Ratio	100	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.2	15.5	23.3



#77
Fluoranthene
Concen: 3.143 ng/ul
RT: 19.13 min Scan# 2744
Delta R.T. -0.01 min
Lab File: BM023175.D
Acq: 15 Oct 2019 20:22

Tgt Ion	202	Resp	636050
Ion Ratio	100	Lower	Upper
202	100		
101	9.9	7.8	11.8
100	8.6	6.1	9.1

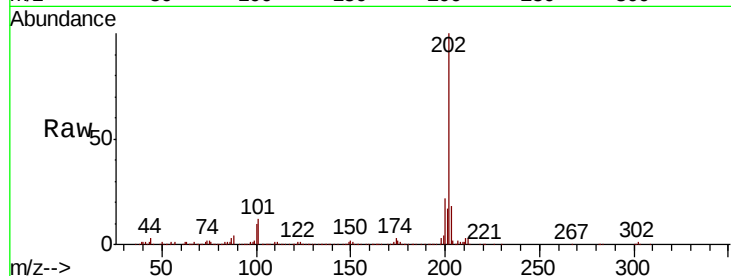




#80
Pvrene
Concen: 2.589 ng/ul
RT: 19.49 min Scan# 2806
Delta R.T. -0.01 min
Lab File: BM023175.D
Acq: 15 Oct 2019 20:22

Instrument :
BNA_M
ClientSampleId :
C0AA8

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.1	13.7
100	10.1	7.5	11.3

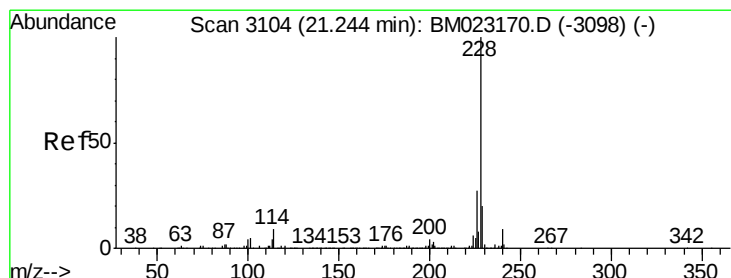
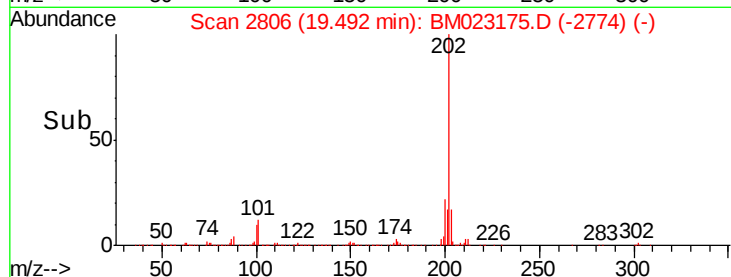
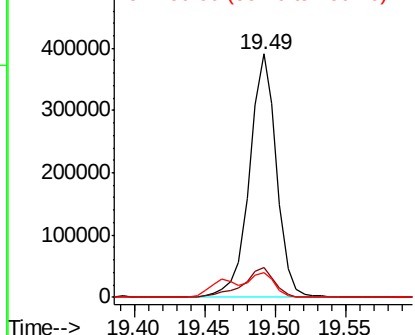


Abundance

Ion 202.00 (201.70 to 202.70): E

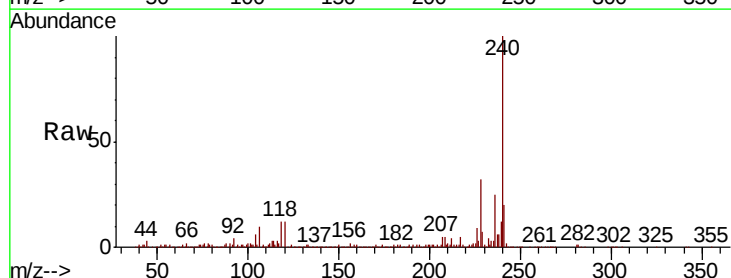
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#83
Benzo(a)anthracene
Concen: 1.322 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM023175.D
Acq: 15 Oct 2019 20:22

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.7	23.5
226	29.0	21.6	32.4

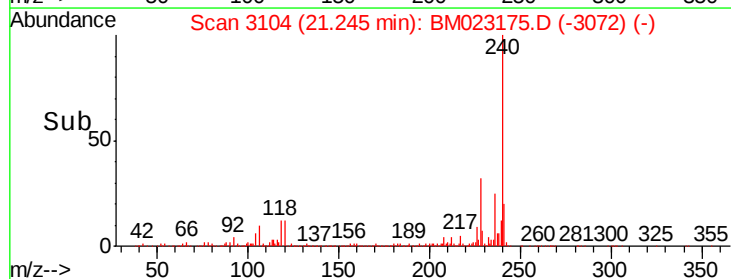
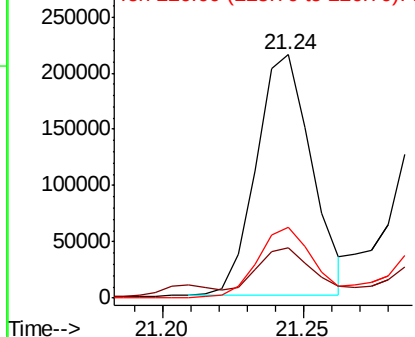


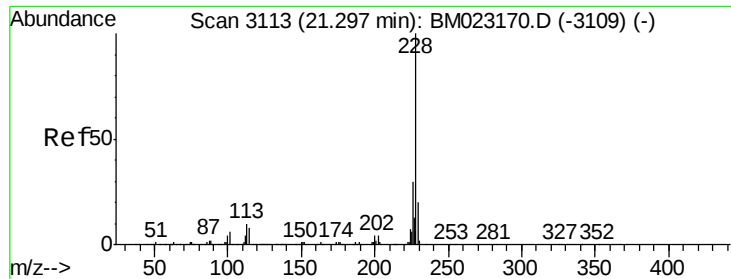
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 1.278 ng/ul

RT: 21.29 min Scan# 3112

Delta R.T. -0.02 min

Lab File: BM023175.D

Acq: 15 Oct 2019 20:22

Instrument :

BNA_M

ClientSampleId :

C0AA8

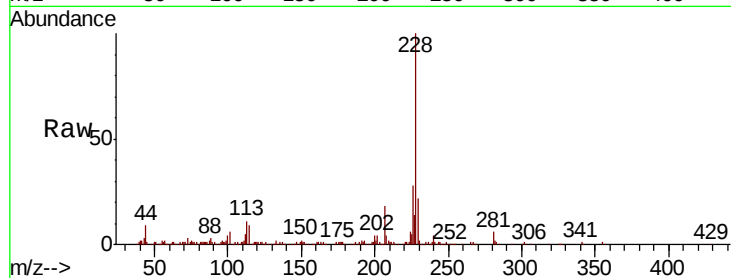
Tot Ion:228 Resp: 261064

Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.8	35.6
229	22.1	15.5	23.3

228 100

226 28.0 23.8 35.6

229 22.1 15.5 23.3

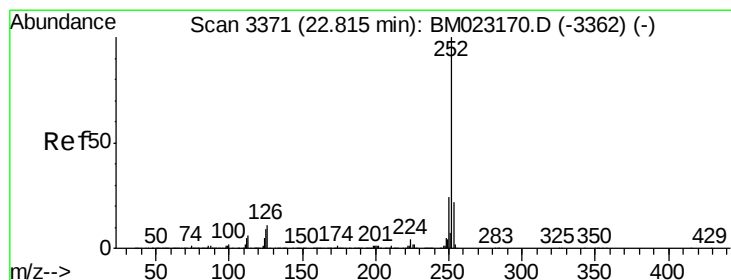
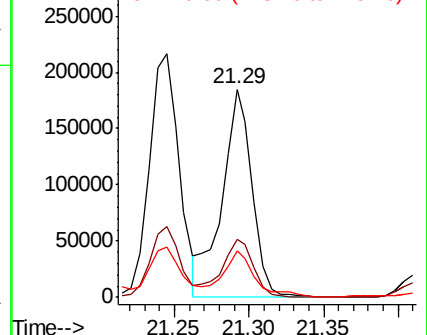
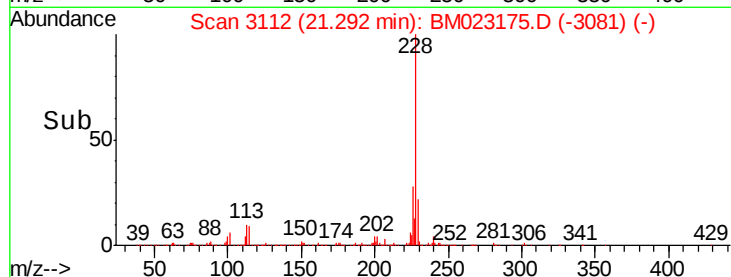


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 1.512 ng/ul

RT: 22.81 min Scan# 3370

Delta R.T. -0.02 min

Lab File: BM023175.D

Acq: 15 Oct 2019 20:22

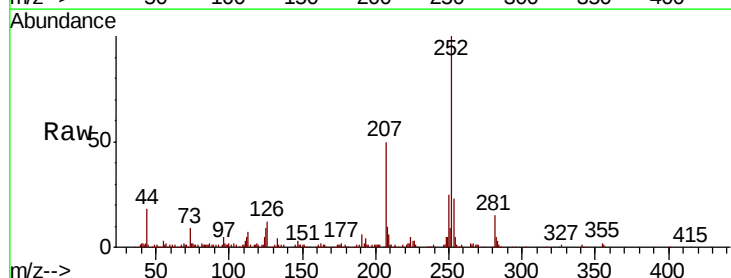
Tgt Ion:252 Resp: 308383

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	9.4	6.4	9.6

252 100

253 22.8 17.6 26.4

125 9.4 6.4 9.6

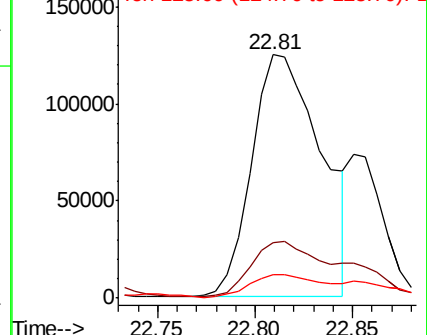
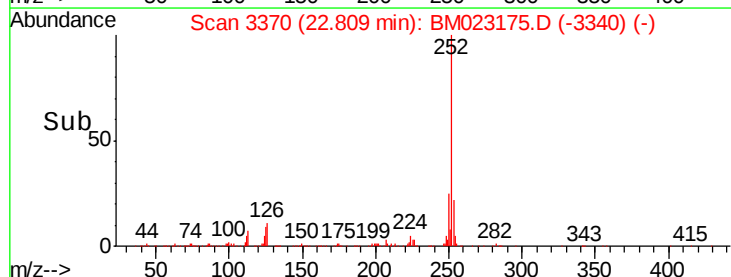


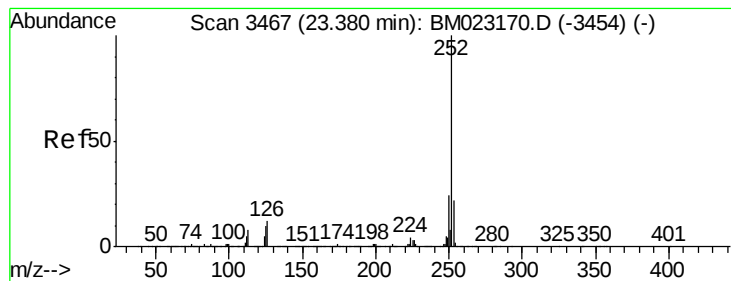
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.060 ng/ul

RT: 23.37 min Scan# 3466

Delta R.T. -0.02 min

Lab File: BM023175.D

Acq: 15 Oct 2019 20:22

Instrument :

BNA_M

ClientSampleId :

C0AA8

Tot Ion:252 Resp: 207564

Ion Ratio Lower Upper

252 100

253 23.3 17.2 25.8

125 10.6 7.4 11.0

