

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 :

Quant Time: Oct 16 06:49:38 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

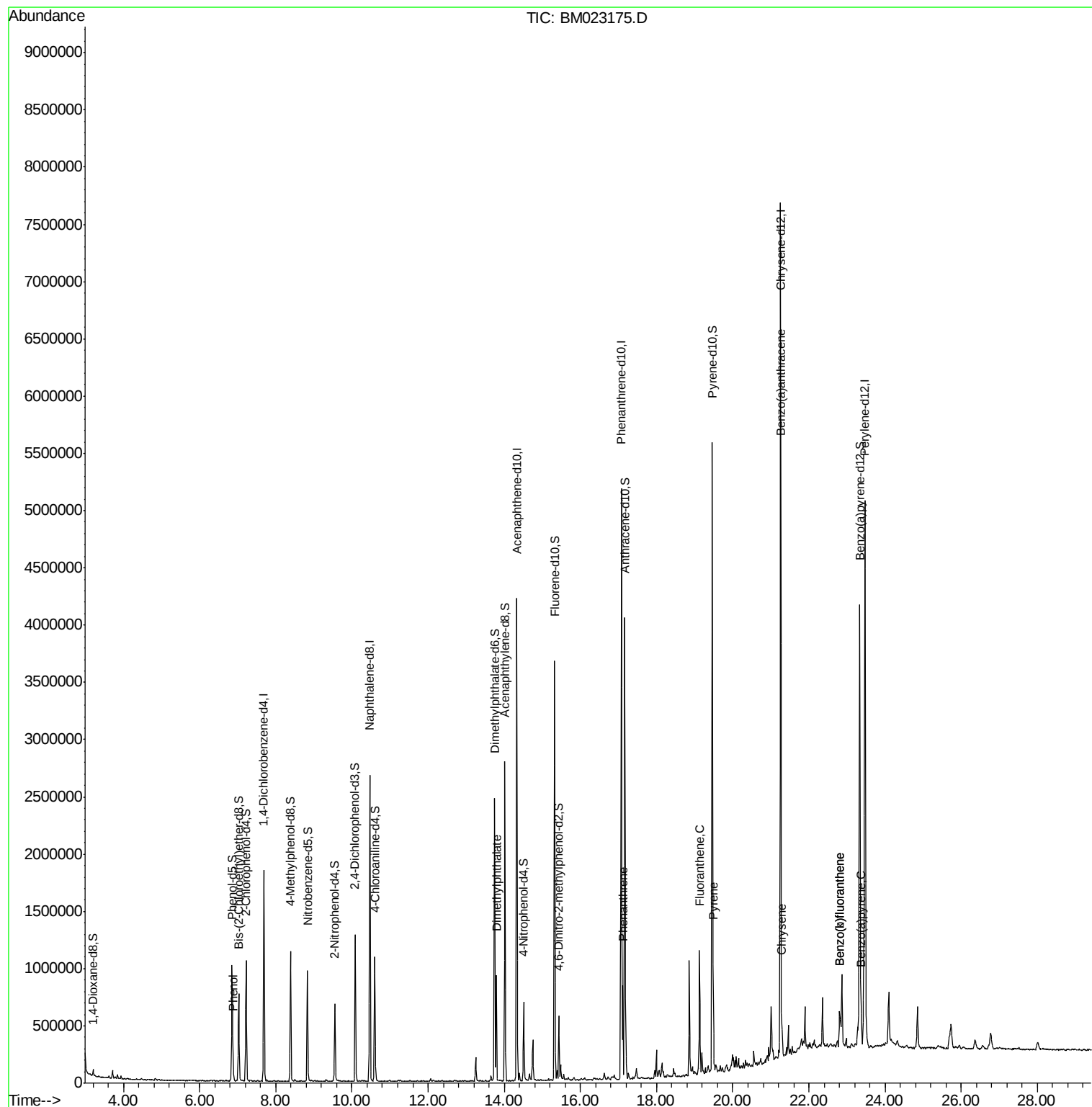
					Ovalue
6) Phenol	6.88	94	50367	1.152	ng/ul 96
45) Dimethylphthalate	13.79	163	580036	5.423	ng/ul 99
70) Phenanthrene	17.11	178	463472	2.723	ng/ul 100
77) Fluoranthene	19.13	202	636050	3.143	ng/ul 99
80) Pyrene	19.49	202	526607	2.589	ng/ul 98
83) Benzo(a)anthracene	21.24	228	290828	1.322	ng/ul 97
85) Chrysene	21.29	228	261064	1.278	ng/ul 96
88) Benzo(b)fluoranthene	22.81	252	308383	1.512	ng/ul 98
89) Benzo(k)fluoranthene	22.81	252	308383	1.574	ng/ul 97
91) Benzo(a)pyrene	23.37	252	207564	1.060	ng/ul 96

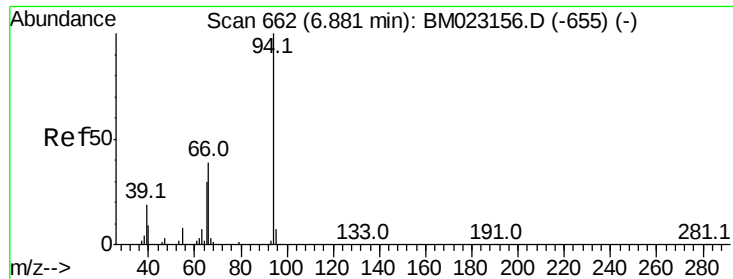
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

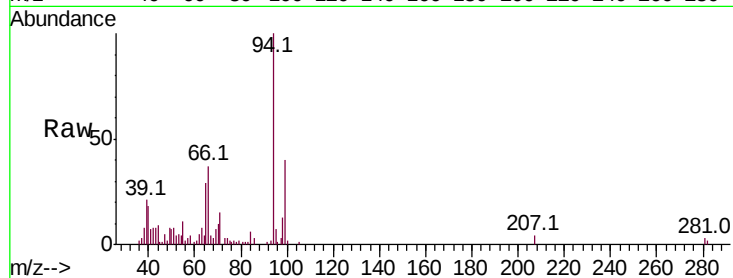
Instrument :

BNA_M

ClientSampleId :

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

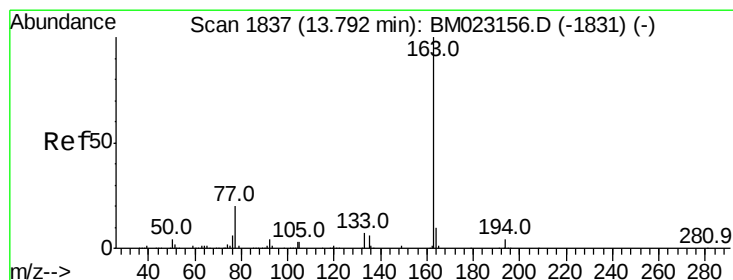
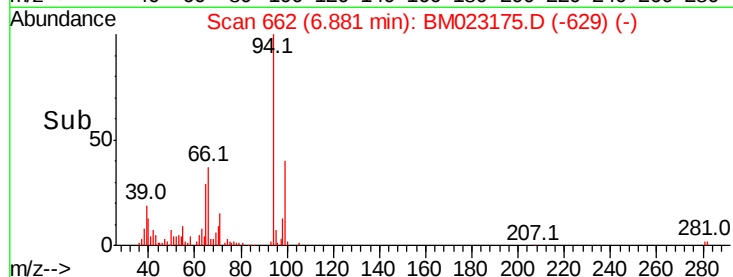
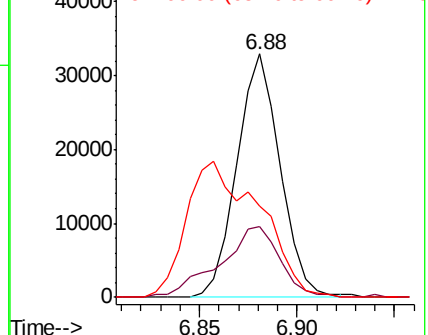


Abundance

Ion 94.00 (93.70 to 94.70): BM0

Ion 65.00 (64.70 to 65.70): BM0

Ion 66.00 (65.70 to 66.70): BM0



#45

Dimethylphthalate

Concen: 5.423 ng/ul

RT: 13.79 min Scan# 1837

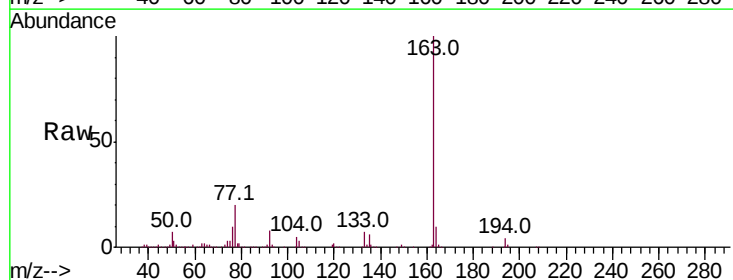
Delta R.T. -0.01 min

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

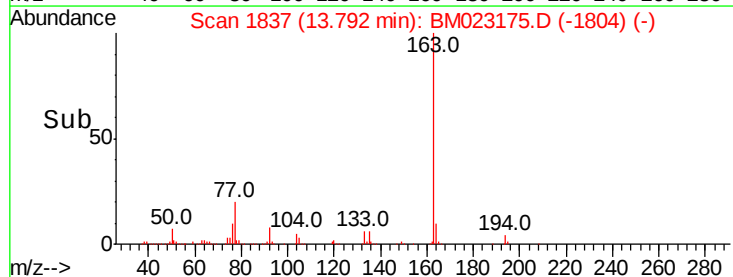
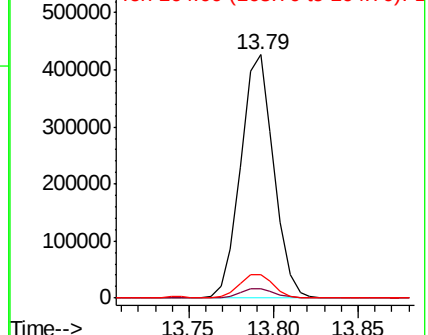


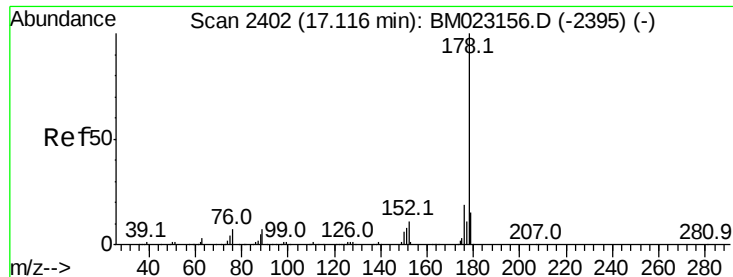
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

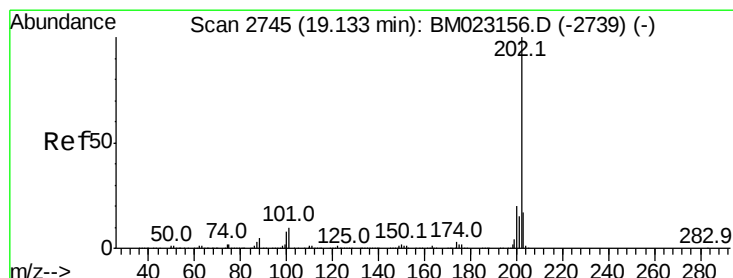
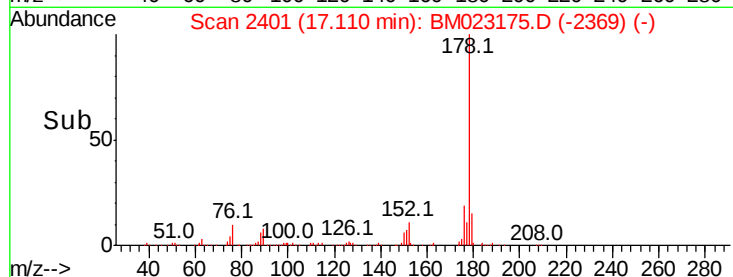
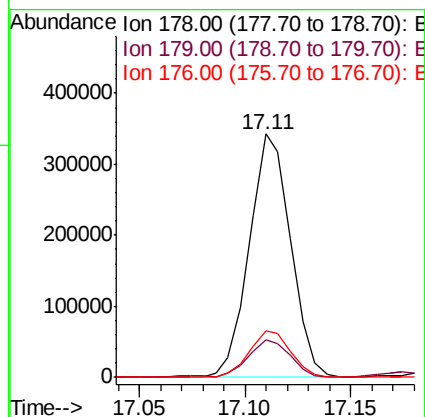
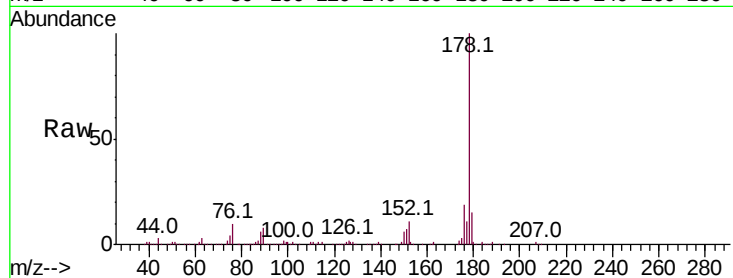




#70
Phenanthrene
Concen: 2.723 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM023175.D
Acq: 15 Oct 2019 20:22

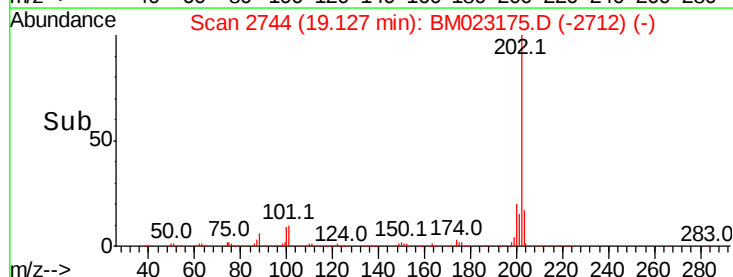
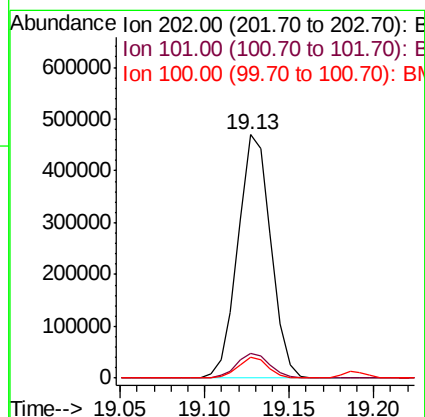
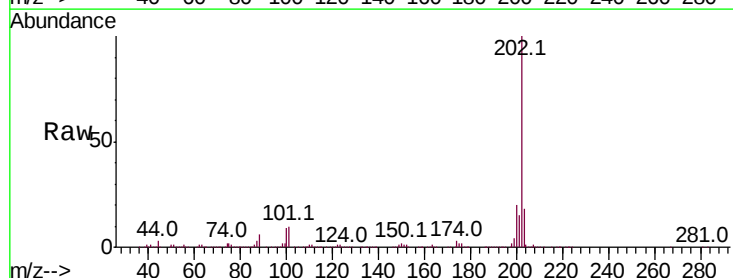
Instrument :
BNA_M
ClientSampleId :

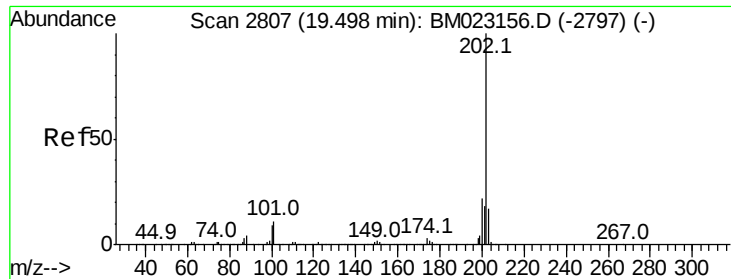
Tot Ion:178 Resp: 463472
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.2 15.5 23.3



#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 Lower Upper
202 100
101 9.9 7.8 11.8
100 8.6 6.1 9.1

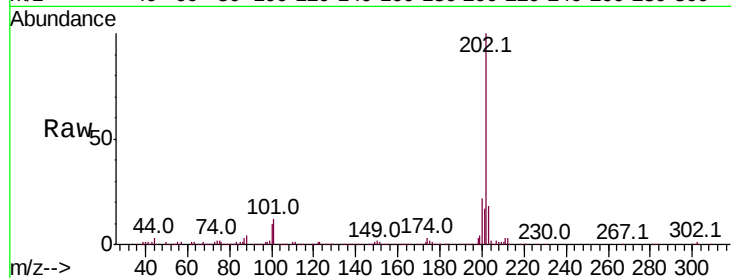




#80
Pvrene
Concen: 2.589 ng/ul
RT: 19.49 min Scan# 2806
Delta R.T. -0.01 min
Lab File: BM023175.D
Acq: 15 Oct 2019 20:22

Instrument :
BNA_M
ClientSampled :

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

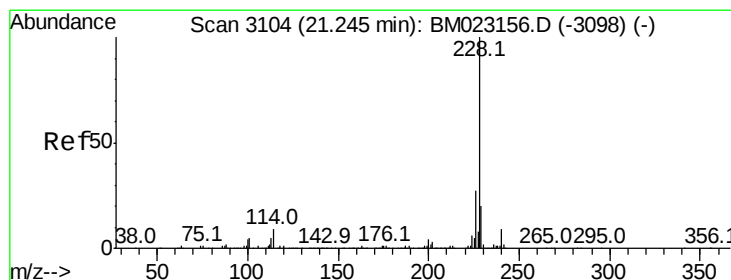
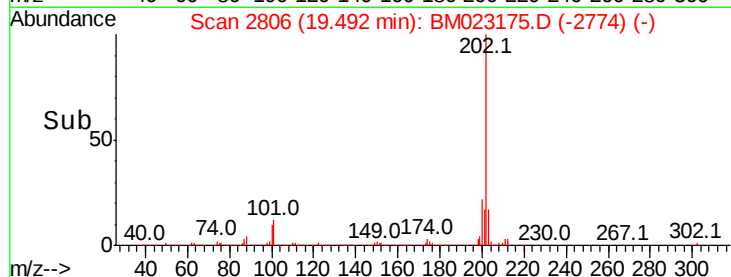
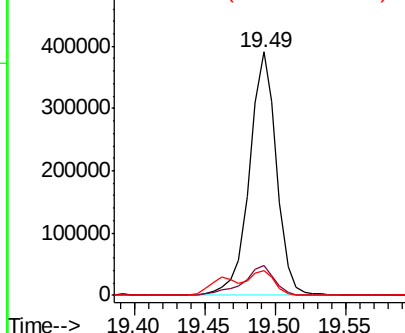


Abundance

Ion 202.00 (201.70 to 202.70): E

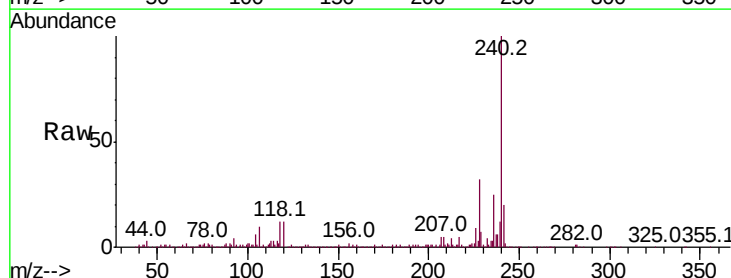
Ion 101.00 (100.70 to 101.70): E

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

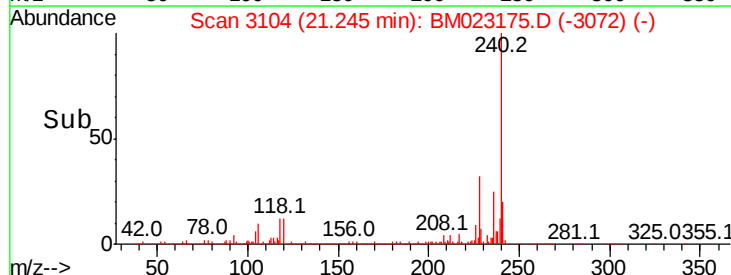
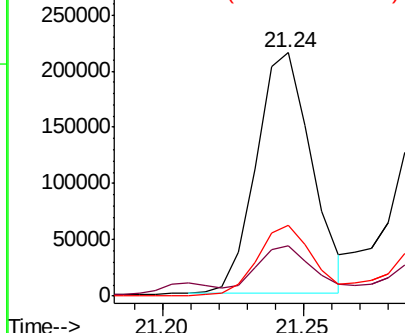


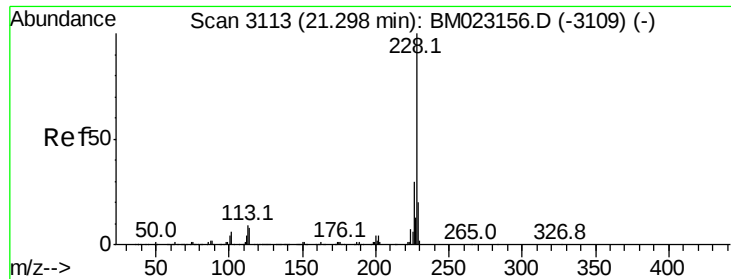
Abundance

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

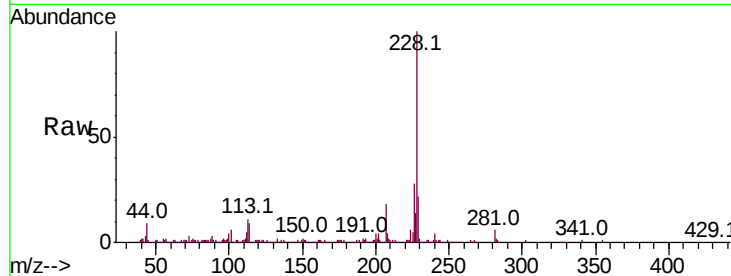




#85
 Chrysene
 Concen: 1.278 ng/ul
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.02 min
 Lab File: BM023175.D
 Acq: 15 Oct 2019 20:22

Instrument :
 BNA_M
 ClientSampled :

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

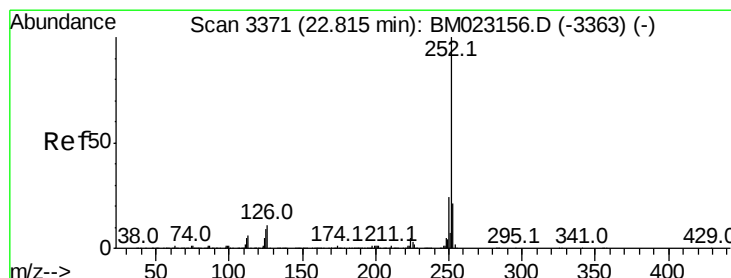
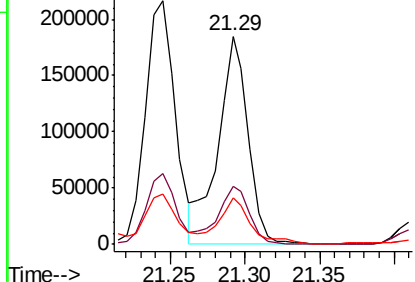
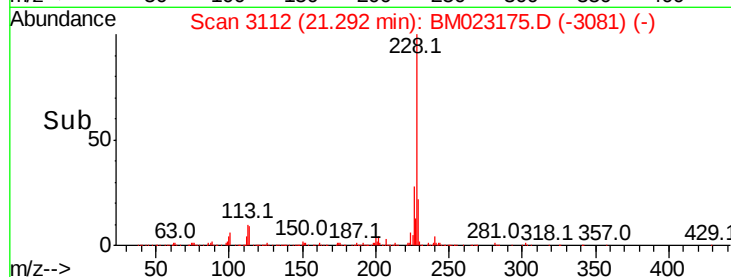


Abundance

Ion 228.00 (227.70 to 228.70): E

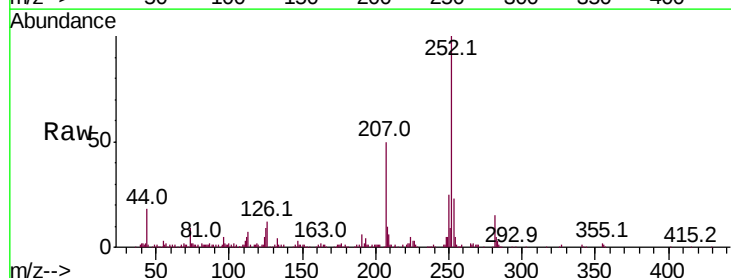
Ion 226.00 (225.70 to 226.70): E

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

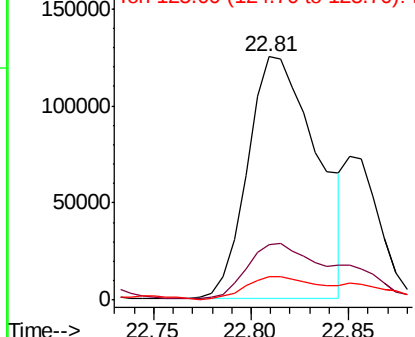
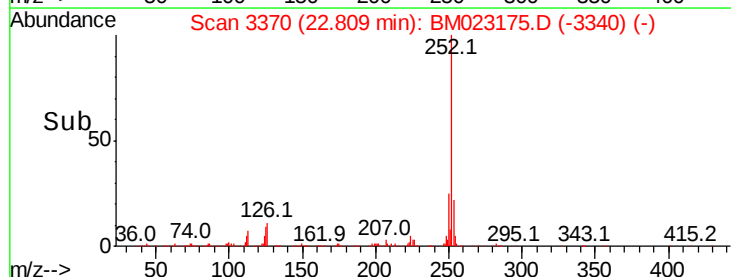


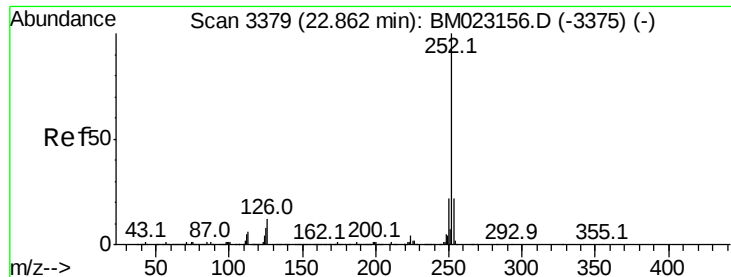
Abundance

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

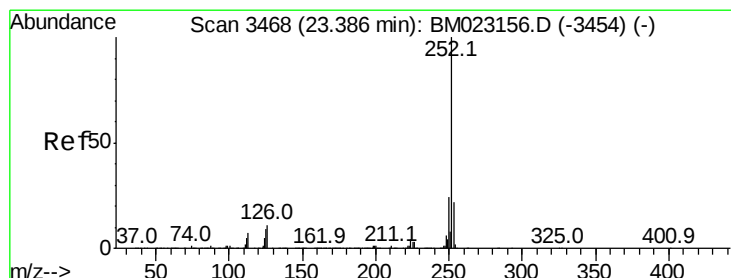
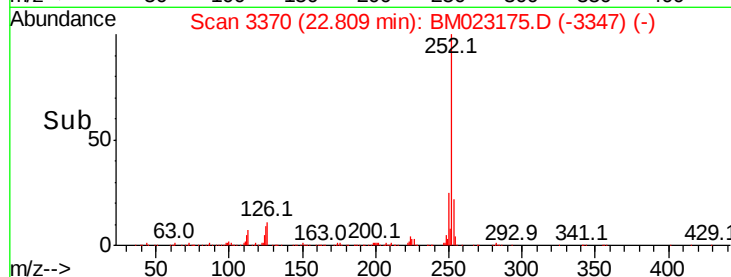
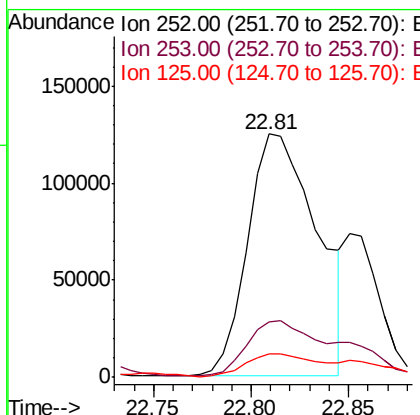
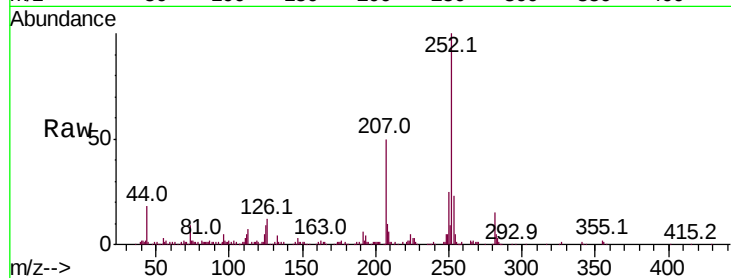




#89
Benzo(k)fluoranthene
Concen: 1.574 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. -0.06 min
Lab File: BM023175.D
Acq: 15 Oct 2019 20:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	9.4	6.5	9.7



#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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	10.6	7.4	11.0

