

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
 Data File : BM023176.D
 Acq On : 15 Oct 2019 20:58
 Operator : JU
 Sample : K5202-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 16 06:49:45 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	424832	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1820956	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	1178789	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	2513697	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	2350501	20.00	ng/ul	-0.01
86) Perylene-d12	23.47	264	2194919	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.20	96	38993	4.04	ng/uL	0.00
5) Phenol-d5	6.86	99	719083	19.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	445605	21.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	578265	20.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	545157	18.34	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	266224	21.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	263429	22.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	585999	19.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	691959	19.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	1957753	21.67	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	2289464	21.61	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.51	143	137948	9.43	ng/ul	-0.01
58) Fluorene-d10	15.32	176	1672368	21.73	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.43	200	104970	10.53	ng/ul	-0.01
71) Anthracene-d10	17.17	188	2589772	21.37	ng/ul	-0.01
79) Pyrene-d10	19.46	212	3092564	27.17	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.33	264	2621611	23.56	ng/ul	-0.02

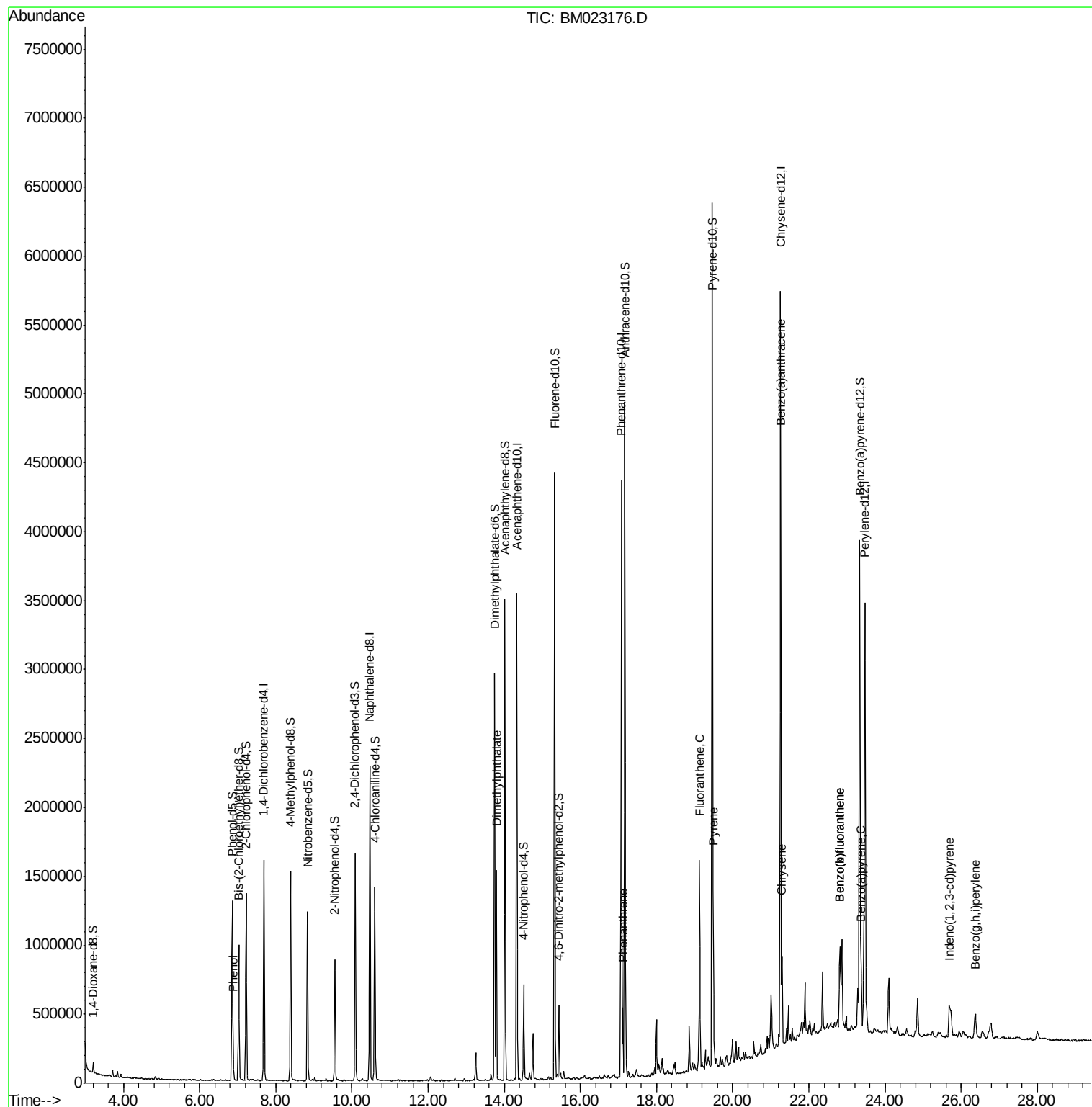
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	6.88	94	75711	1.984	ng/ul	98
45) Dimethylphthalate	13.79	163	928657	10.271	ng/ul	100
70) Phenanthrene	17.11	178	291336	2.065	ng/ul	99
77) Fluoranthene	19.13	202	892317	5.319	ng/ul	98
80) Pyrene	19.49	202	731423	4.967	ng/ul	98
83) Benzo(a)anthracene	21.24	228	387481	2.433	ng/ul	96
85) Chrysene	21.29	228	411059	2.780	ng/ul	97
88) Benzo(b)fluoranthene	22.81	252	546623	4.108	ng/ul	97
89) Benzo(k)fluoranthene	22.81	252	546623	4.278	ng/ul	97
91) Benzo(a)pyrene	23.38	252	334009	2.616	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.69	276	226819	1.493	ng/ul	98
94) Benzo(g,h,i)perylene	26.37	276	213059	1.704	ng/ul	99

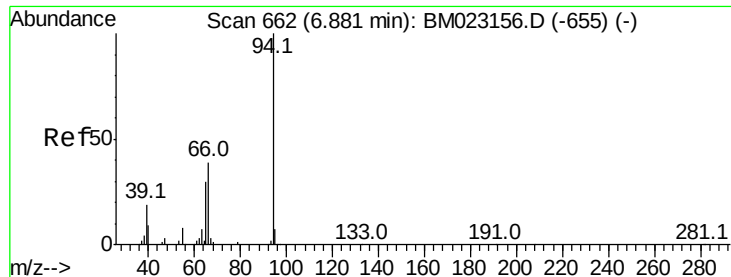
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.984 ng/ul

RT: 6.88 min Scan# 662

Delta R.T. -0.01 min

Lab File: BM023176.D

Acq: 15 Oct 2019 20:58

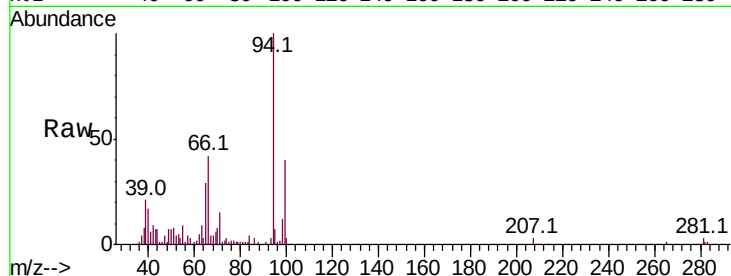
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 94 Resp: 75711

Ion	Ratio	Lower	Upper
94	100		
65	29.0	23.7	35.5
66	42.2	32.9	49.3



Abundance

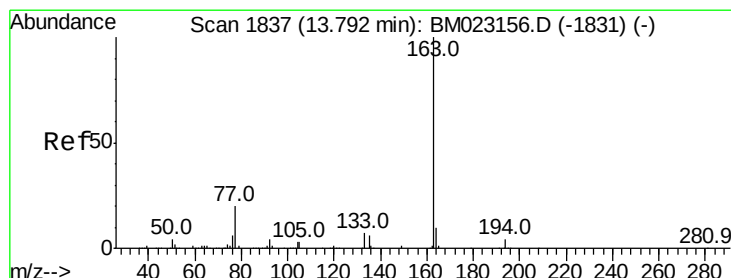
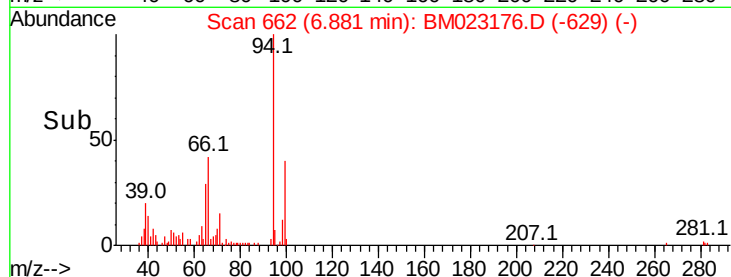
Ion 94.00 (93.70 to 94.70): BM023156.D (-655) (-)

Ion 65.00 (64.70 to 65.70): BM023156.D (-655) (-)

Ion 66.00 (65.70 to 66.70): BM023156.D (-655) (-)

6.88

Time-->



#45

Dimethylphthalate

Concen: 10.271 ng/ul

RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM023176.D

Acq: 15 Oct 2019 20:58

Tgt Ion: 163 Resp: 928657

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.0	8.0	12.0

Abundance

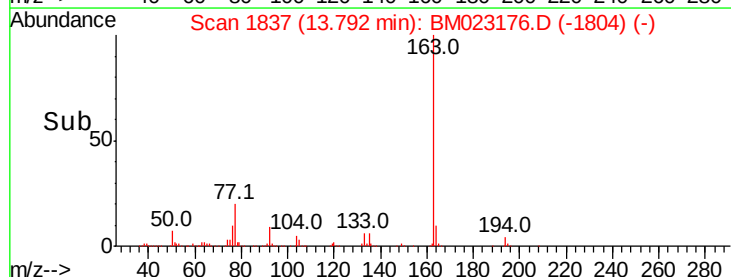
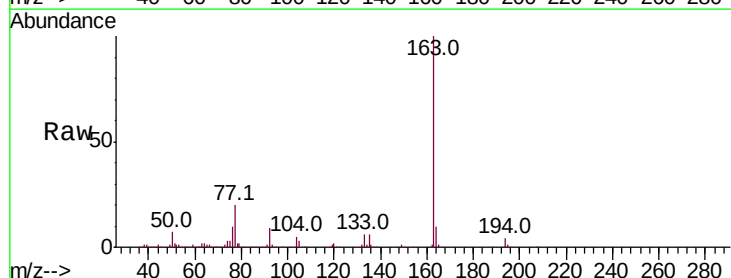
Ion 163.00 (162.70 to 163.70): BM023156.D (-1831) (-)

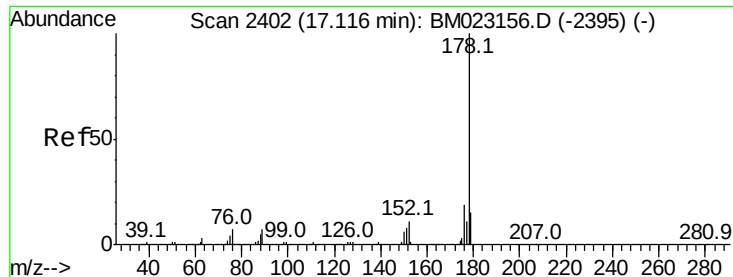
Ion 194.00 (193.70 to 194.70): BM023156.D (-1831) (-)

Ion 164.00 (163.70 to 164.70): BM023156.D (-1831) (-)

13.79

Time-->

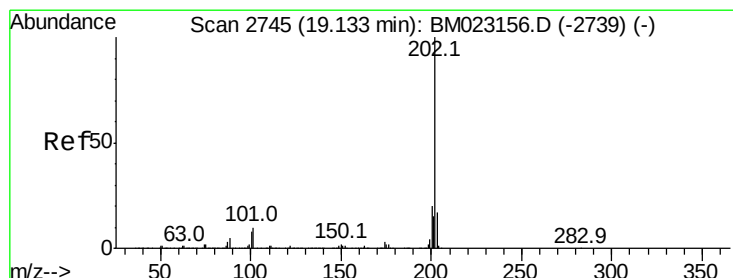
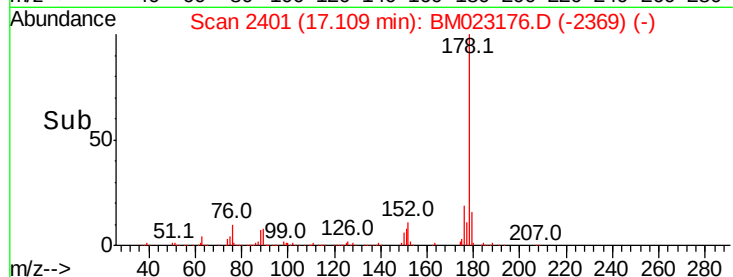
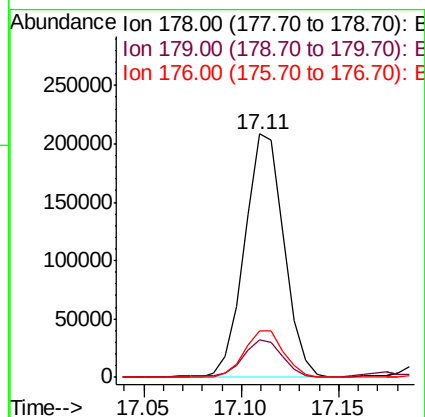
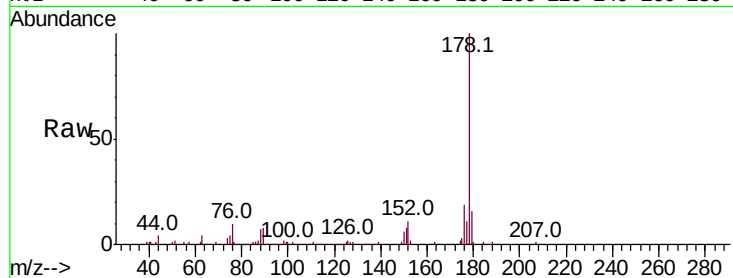




#70
 Phenanthrene
 Concen: 2.065 ng/ul
 RT: 17.11 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BM023176.D
 Acq: 15 Oct 2019 20:58

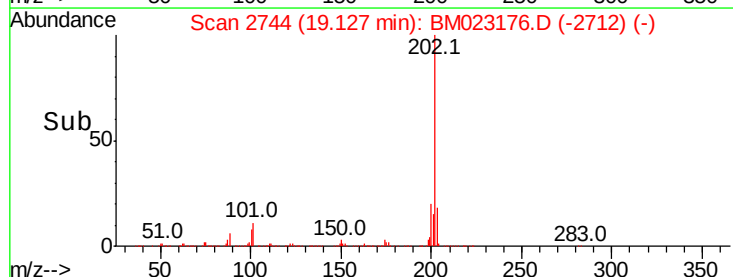
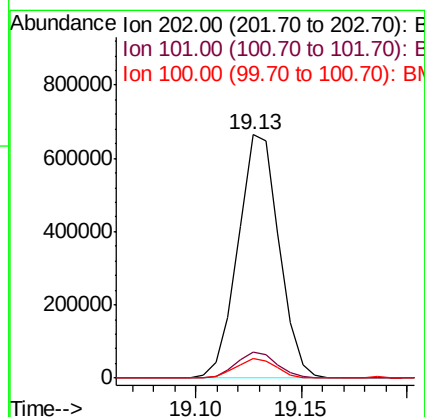
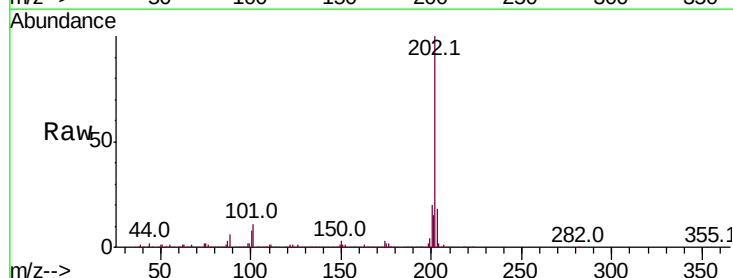
Instrument :
 BNA_M
 ClientSampleId :

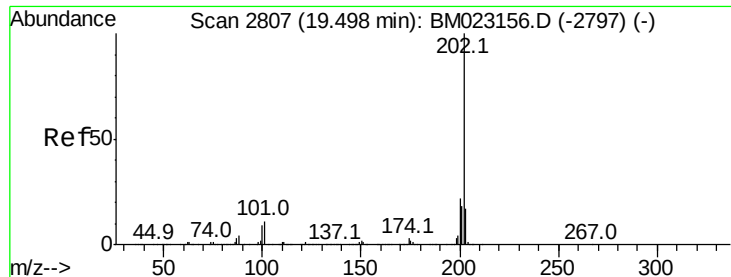
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.1	15.5	23.3



#77
 Fluoranthene
 Concen: 5.319 ng/ul
 RT: 19.13 min Scan# 2744
 Delta R.T. -0.01 min
 Lab File: BM023176.D
 Acq: 15 Oct 2019 20:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	7.8	11.8
100	7.8	6.1	9.1

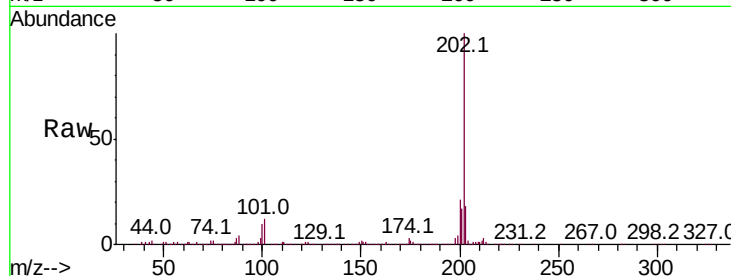




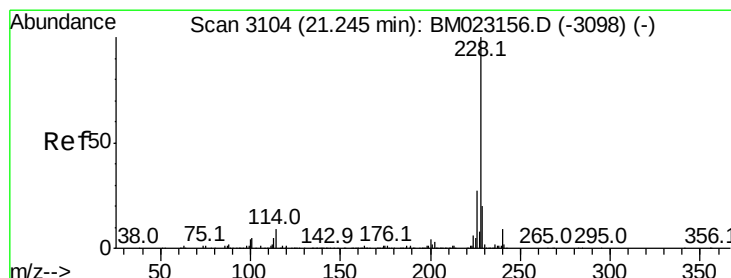
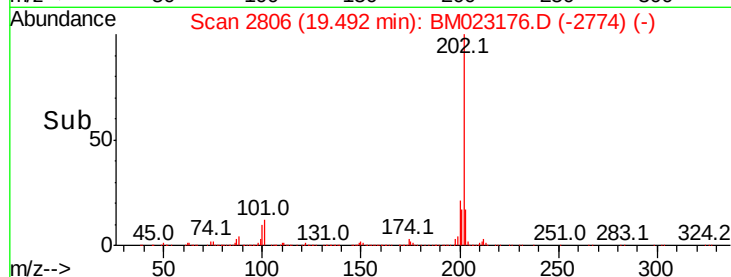
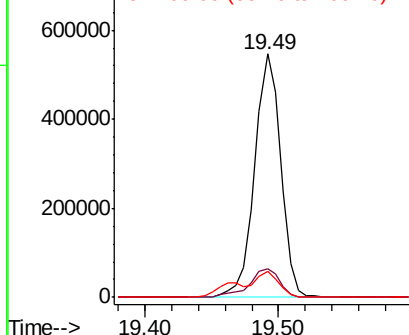
#80
Pvrene
Concen: 4.967 ng/ul
RT: 19.49 min Scan# 2806
Delta R.T. -0.01 min
Lab File: BM023176.D
Acq: 15 Oct 2019 20:58

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.1	13.7
100	10.5	7.5	11.3

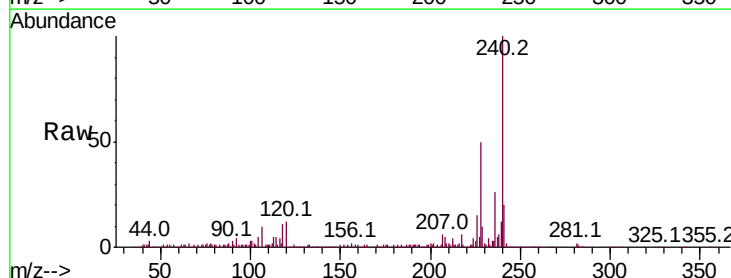


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

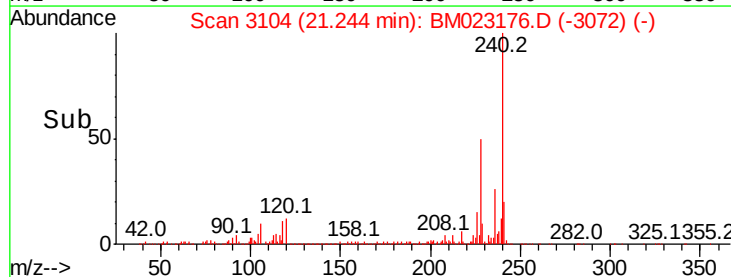
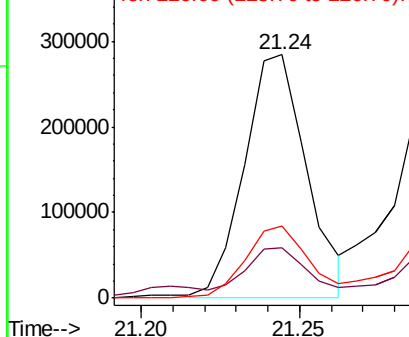


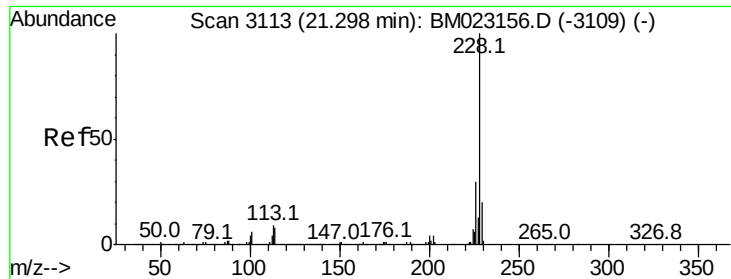
#83
Benzo(a)anthracene
Concen: 2.433 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM023176.D
Acq: 15 Oct 2019 20:58

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.7	23.5
226	29.8	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

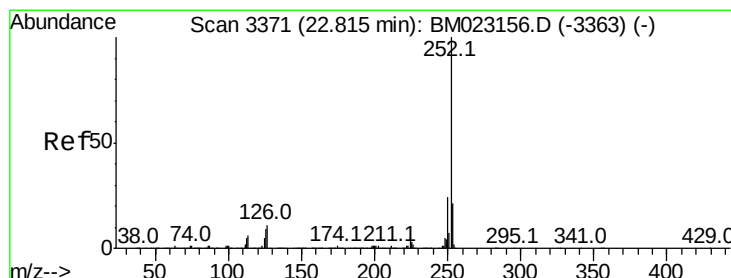
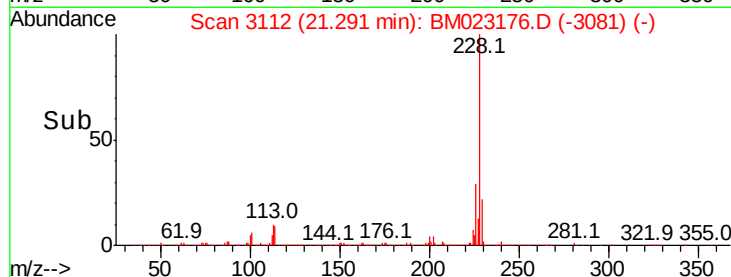
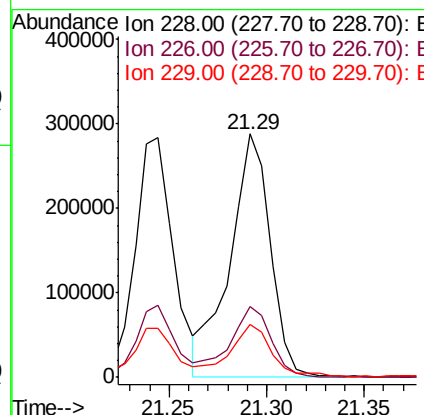
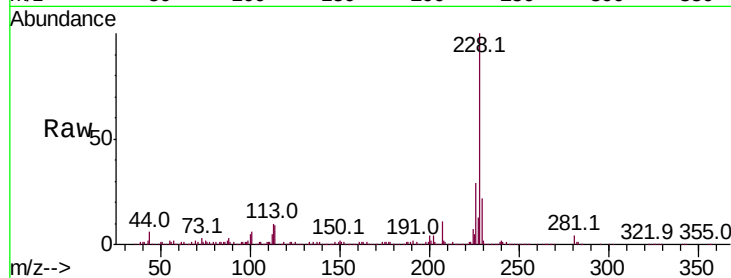




#85
Chrysene
Concen: 2.780 ng/ul
RT: 21.29 min Scan# 3112
Delta R.T. -0.02 min
Lab File: BM023176.D
Acq: 15 Oct 2019 20:58

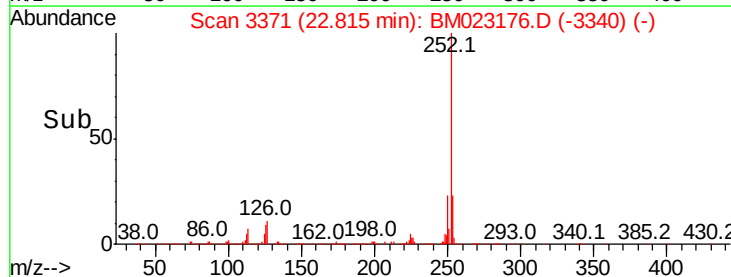
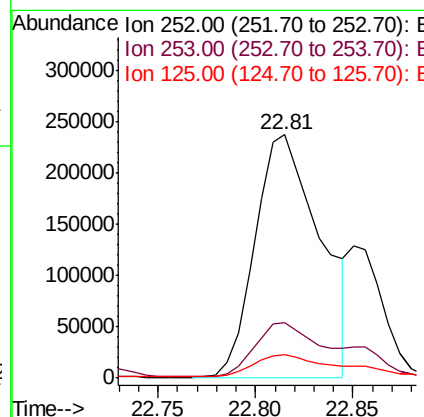
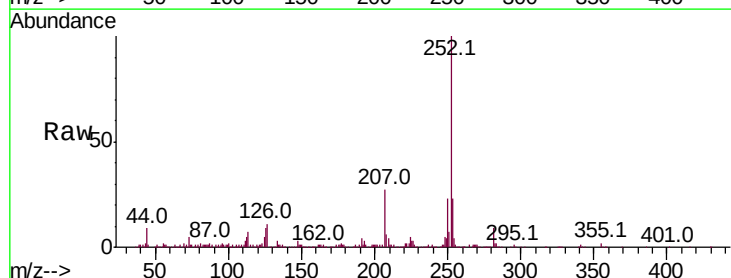
Instrument :
BNA_M
ClientSampleId :

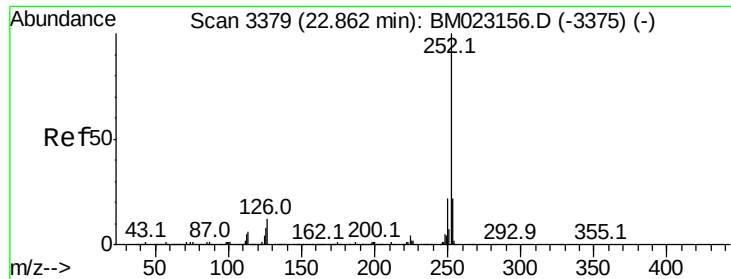
Tot	Ion:228	Resp:	411059
Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.8	35.6
229	21.9	15.5	23.3



#88
Benzo(b)fluoranthene
Concen: 4.108 ng/ul
RT: 22.81 min Scan# 3371
Delta R.T. -0.02 min
Lab File: BM023176.D
Acq: 15 Oct 2019 20:58

Tgt Ion	252	Resp: Lower	546623 Upper
252	100		
253	23.0	17.6	26.4
125	9.5	6.4	9.6

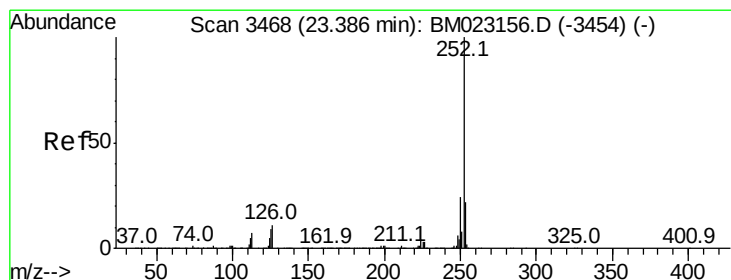
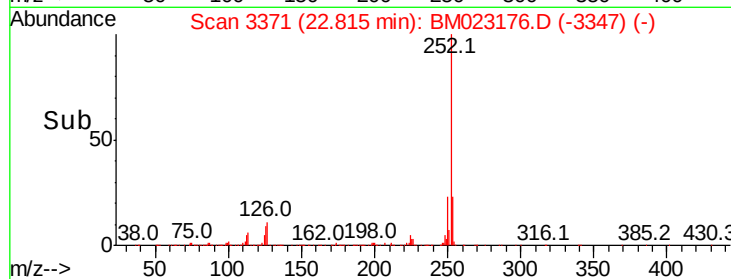
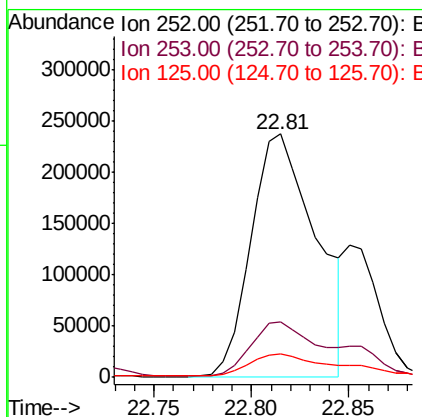
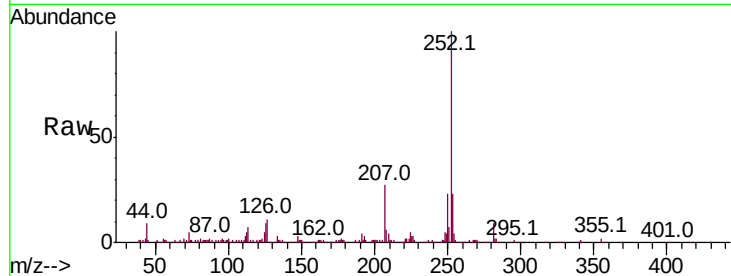




#89
Benzo(k)fluoranthene
Concen: 4.278 ng/ul
RT: 22.81 min Scan# 3371
Delta R.T. -0.06 min
Lab File: BM023176.D
Acq: 15 Oct 2019 20:58

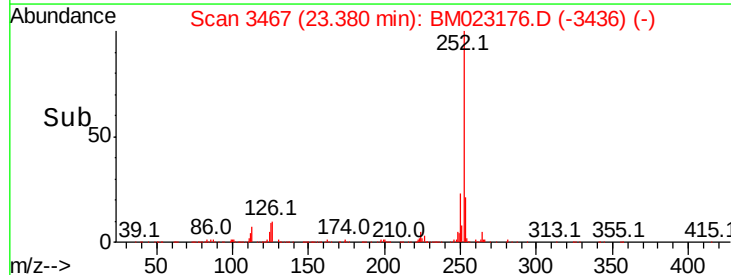
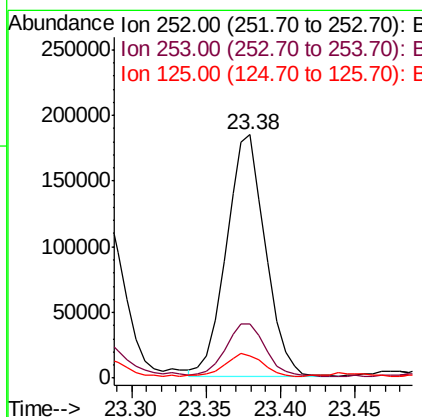
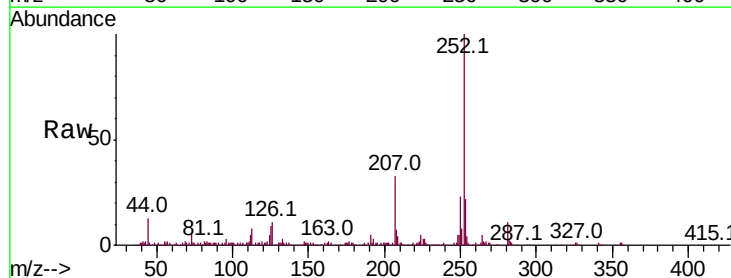
Instrument :
BNA_M
ClientSampleId :

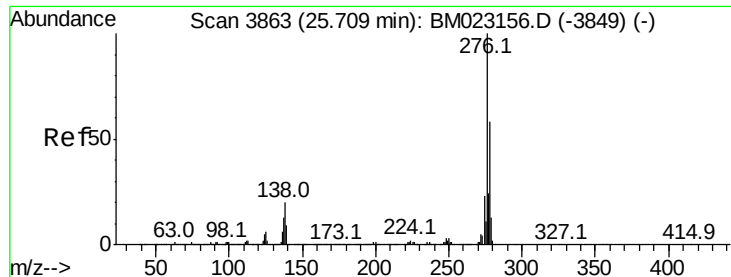
Tot Ion:252 Resp: 546623
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 9.5 6.5 9.7



#91
Benzo(a)pyrene
Concen: 2.616 ng/ul
RT: 23.38 min Scan# 3467
Delta R.T. -0.02 min
Lab File: BM023176.D
Acq: 15 Oct 2019 20:58

Tgt Ion:252 Resp: 334009
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 9.2 7.4 11.0

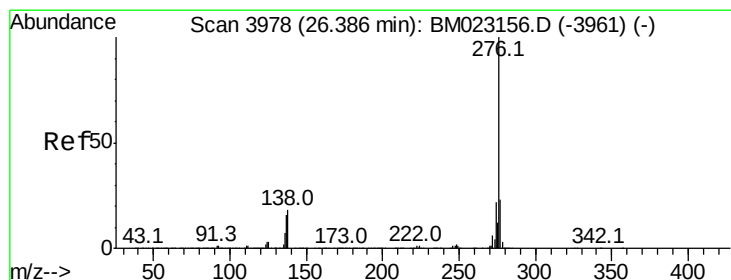
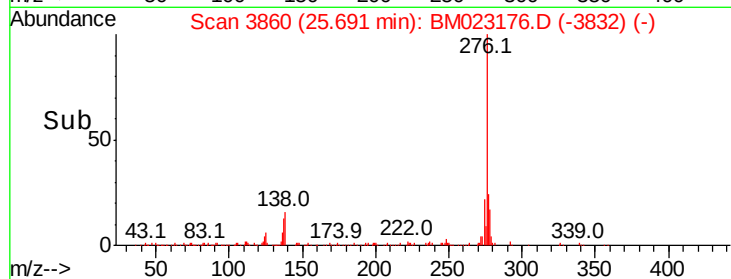
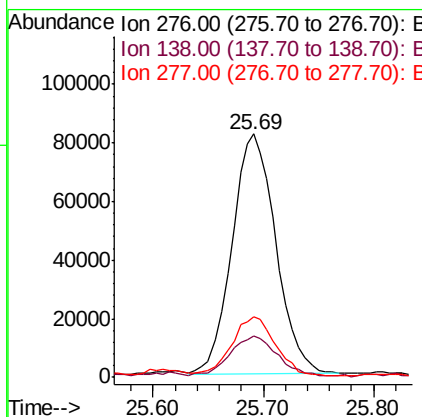
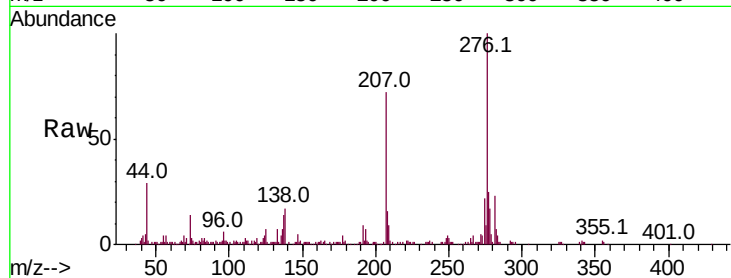




#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.493 ng/ul
 RT: 25.69 min Scan# 3860
 Delta R.T. -0.04 min
 Lab File: BM023176.D
 Acq: 15 Oct 2019 20:58

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.8	14.9	22.3
277	25.1	19.8	29.8



#94
 Benzo(g,h,i)perylene
 Concen: 1.704 ng/ul
 RT: 26.37 min Scan# 3975
 Delta R.T. -0.04 min
 Lab File: BM023176.D
 Acq: 15 Oct 2019 20:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.4	14.4	21.6
277	24.8	19.4	29.2

