

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023105.D
 Acq On : 10 Oct 2019 05:18
 Operator : JU
 Sample : K5177-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 10 05:51:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 15:02:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	183778	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	729665	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	404582	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.14	188	774487	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	776506	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	925315	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	15373	3.62	ng/uL	0.00
5) Phenol-d5	6.94	99	267191	16.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	165082	18.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	241645	18.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	183652	13.81	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	113886	20.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	124094	20.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	223205	18.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	215696	14.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	649658	20.69	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	756550	20.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	74063	11.94	ng/ul	0.00
58) Fluorene-d10	15.40	176	558925	20.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	62991	12.50	ng/ul	0.00
71) Anthracene-d10	17.24	188	797308	21.08	ng/ul	0.00
79) Pyrene-d10	19.54	212	925116	22.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	1055833	22.06	ng/ul	-0.01

Target Compounds

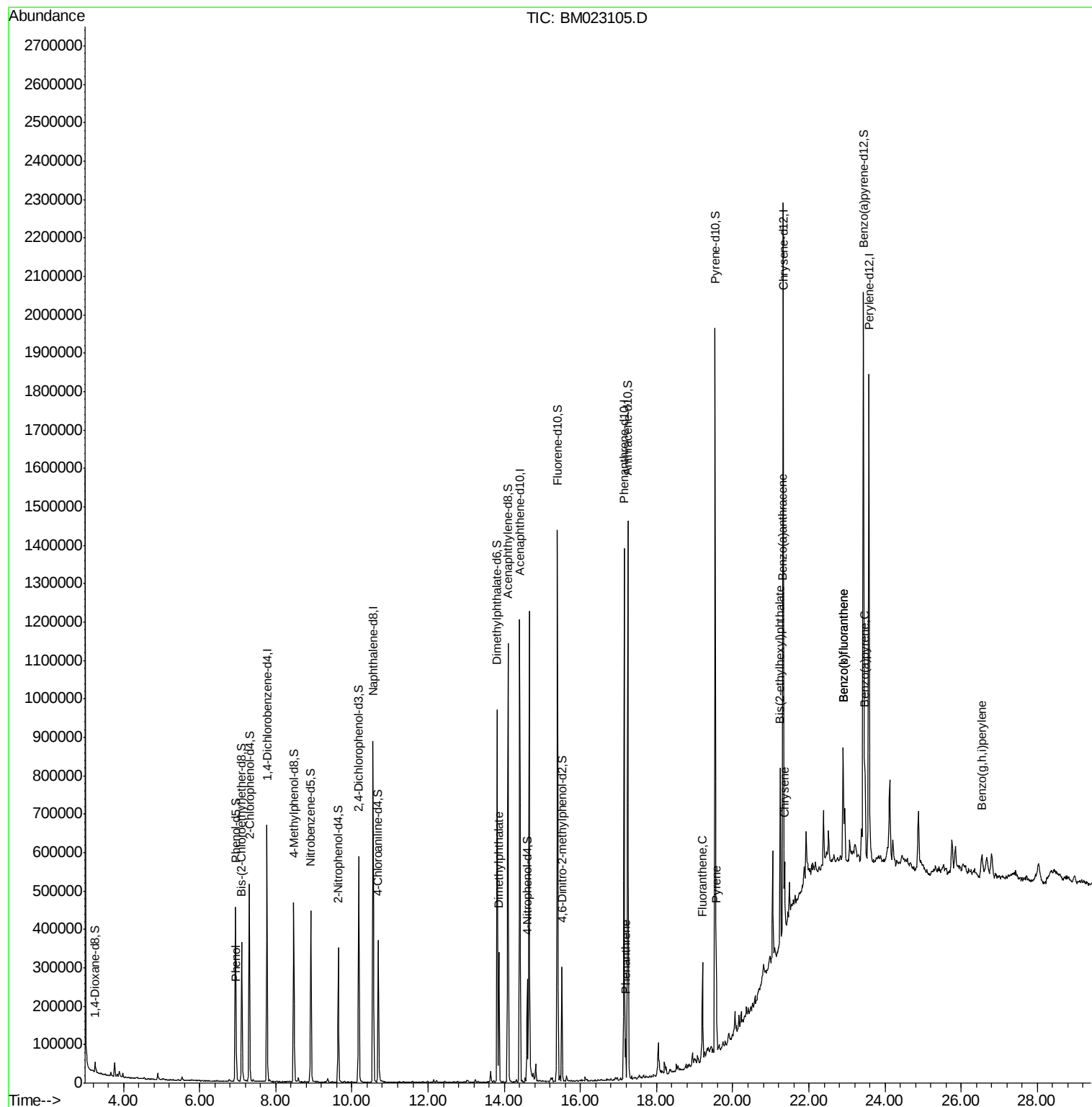
					Ovalue
6) Phenol	6.96	94	40715	2.392	ng/ul 97
45) Dimethylphthalate	13.86	163	216413	6.709	ng/ul 100
70) Phenanthrene	17.19	178	61308	1.326	ng/ul 98
77) Fluoranthene	19.20	202	143605	2.762	ng/ul 98
80) Pyrene	19.57	202	144730	2.629	ng/ul 98
83) Benzo(a)anthracene	21.31	228	87233	1.565	ng/ul 98
84) Bis(2-ethylhexyl)phthalate	21.25	149	162985	5.067	ng/ul 99
85) Chrysene	21.36	228	89747	1.746	ng/ul 99
88) Benzo(b)fluoranthene	22.90	252	114026	1.857	ng/ul# 92
89) Benzo(k)fluoranthene	22.90	252	114026	1.941	ng/ul# 92
91) Benzo(a)pyrene	23.47	252	91312	1.585	ng/ul# 92
94) Benzo(g,h,i)perylene	26.54	276	58788	1.191	ng/ul 98

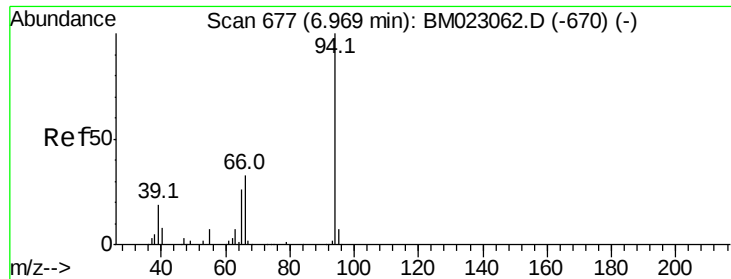
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023105.D
Acq On : 10 Oct 2019 05:18
Operator : JU
Sample : K5177-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 10 05:51:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.392 ng/ul

RT: 6.96 min Scan# 676

Delta R.T. -0.01 min

Lab File: BM023105.D

Acq: 10 Oct 2019 05:18

Instrument :

BNA_M

ClientSampleId :

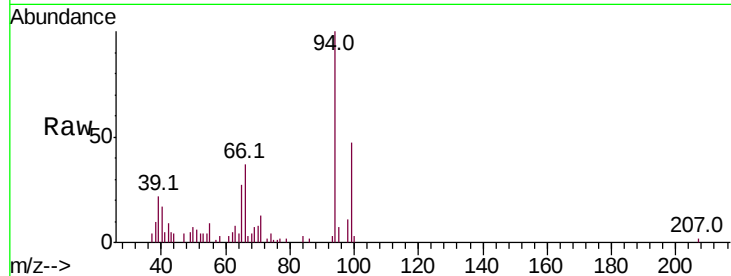
Tot Ion: 94 Resp: 40715

Ion Ratio Lower Upper

94 100

65 26.7 20.9 31.3

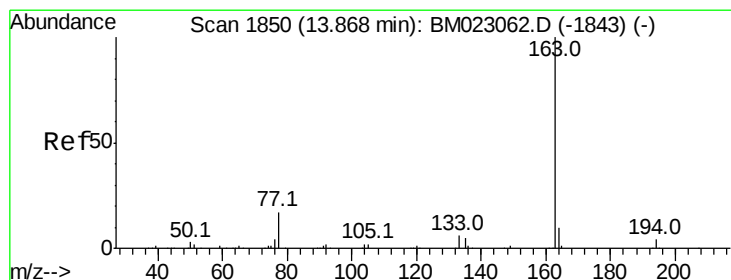
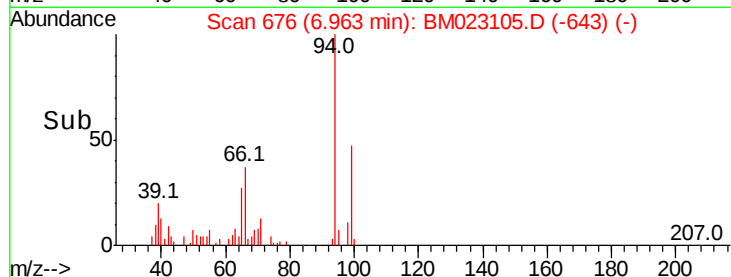
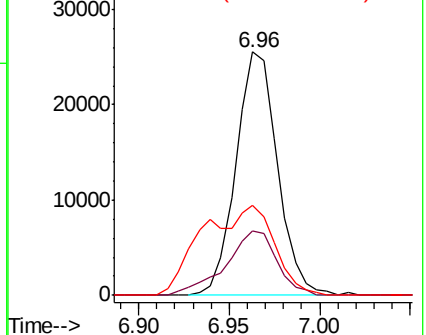
66 36.9 27.2 40.8



Abundance Ion 94.00 (93.70 to 94.70): BM023062.D (-670) (-)

Ion 65.00 (64.70 to 65.70): BM023062.D (-670) (-)

Ion 66.00 (65.70 to 66.70): BM023062.D (-670) (-)



#45

Dimethylphthalate

Concen: 6.709 ng/ul

RT: 13.86 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM023105.D

Acq: 10 Oct 2019 05:18

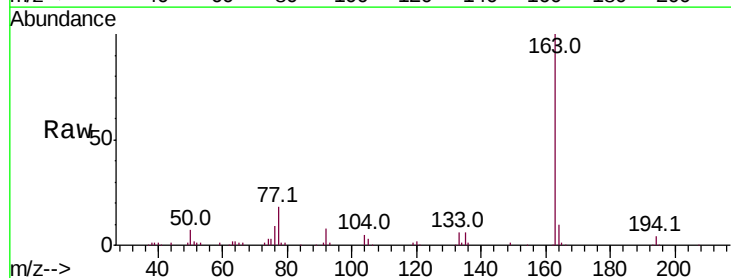
Tgt Ion:163 Resp: 216413

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

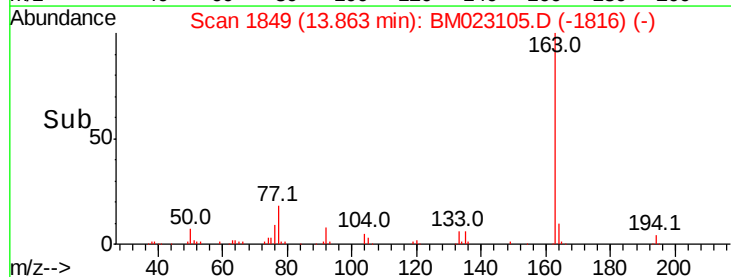
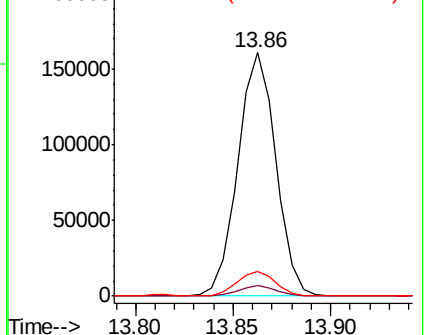
164 10.1 8.1 12.1

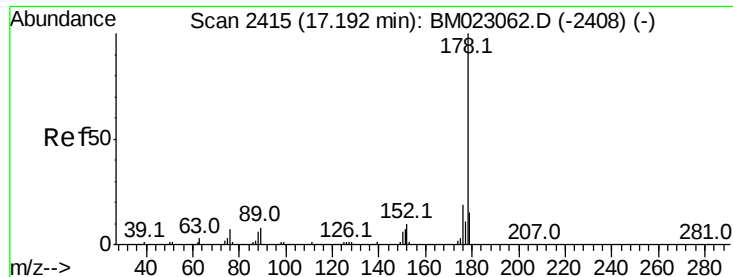


Abundance Ion 163.00 (162.70 to 163.70): BM023062.D (-1843) (-)

Ion 194.00 (193.70 to 194.70): BM023062.D (-1843) (-)

Ion 164.00 (163.70 to 164.70): BM023062.D (-1843) (-)

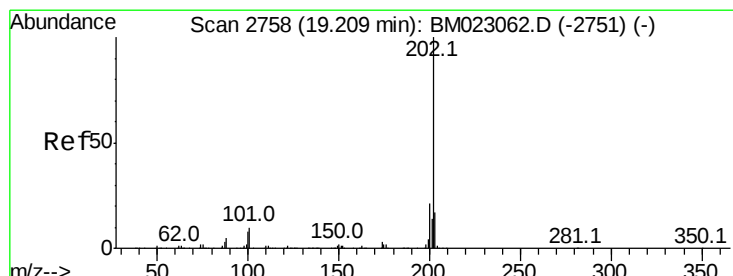
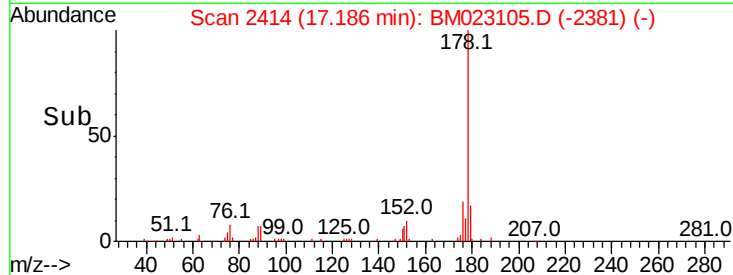
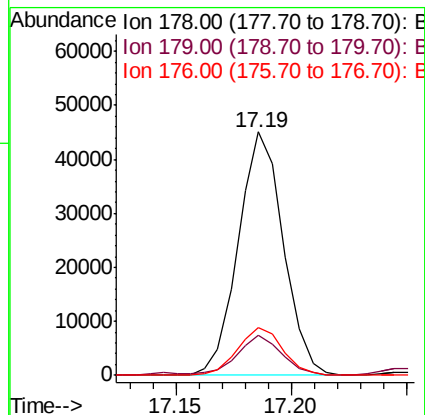
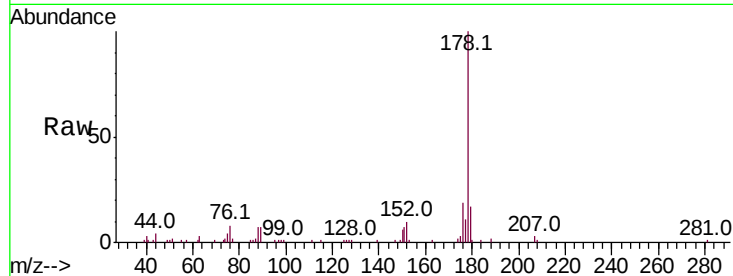




#70
 Phenanthrene
 Concen: 1.326 ng/ul
 RT: 17.19 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM023105.D
 Acq: 10 Oct 2019 05:18

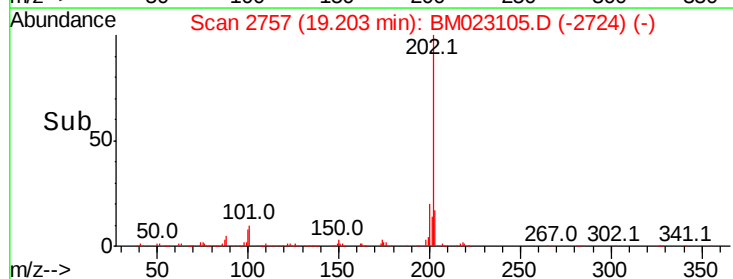
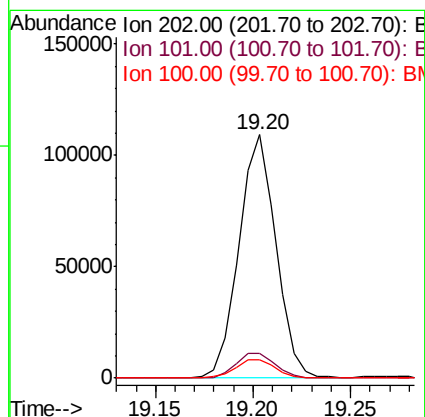
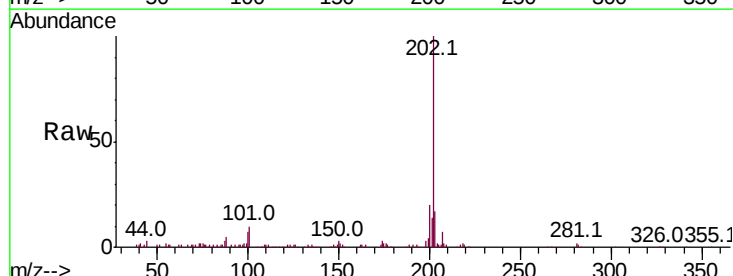
Instrument :
 BNA_M
 ClientSampleId :

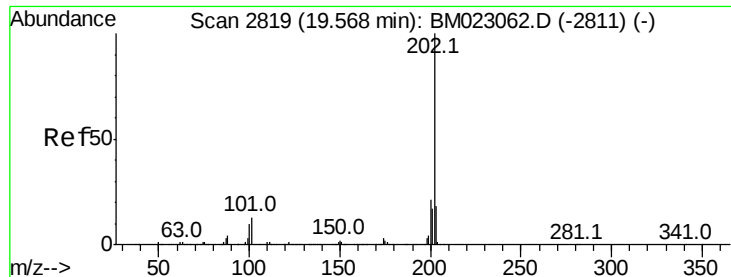
Tot Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.4	18.6
176	19.4	15.3	22.9



#77
 Fluoranthene
 Concen: 2.762 ng/ul
 RT: 19.20 min Scan# 2757
 Delta R.T. -0.01 min
 Lab File: BM023105.D
 Acq: 10 Oct 2019 05:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.6	12.8
100	7.5	6.4	9.6

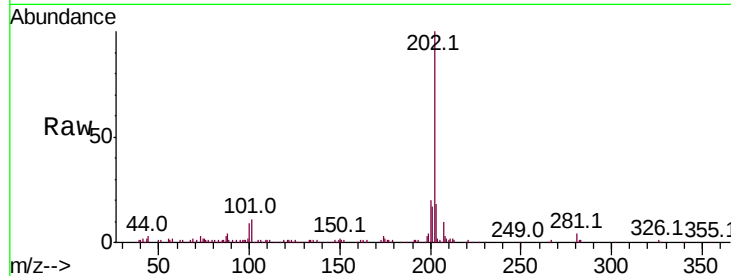




#80
Pvrene
Concen: 2.629 ng/ul
RT: 19.57 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BM023105.D
Acq: 10 Oct 2019 05:18

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.7	14.5
100	9.4	7.8	11.8

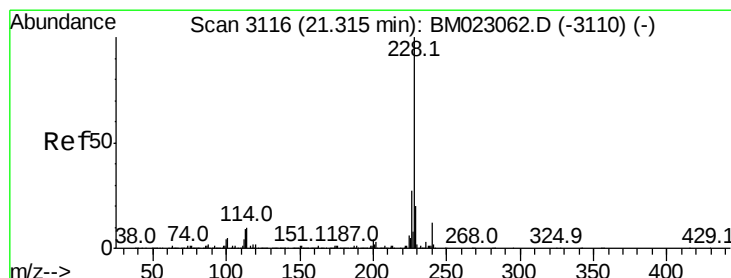
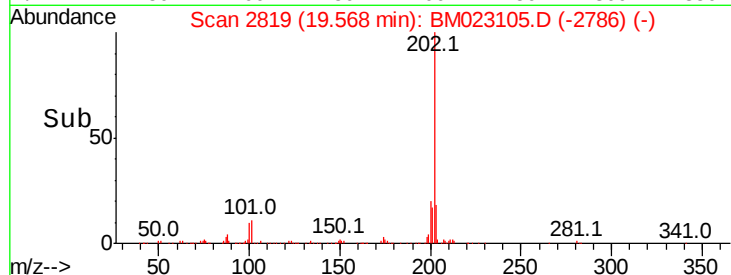
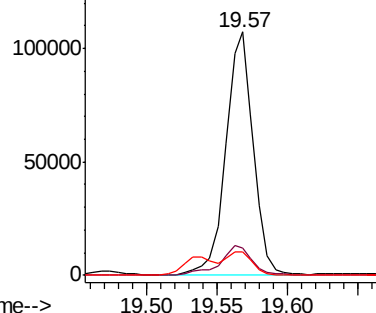


Abundance

Ion 202.00 (201.70 to 202.70): E

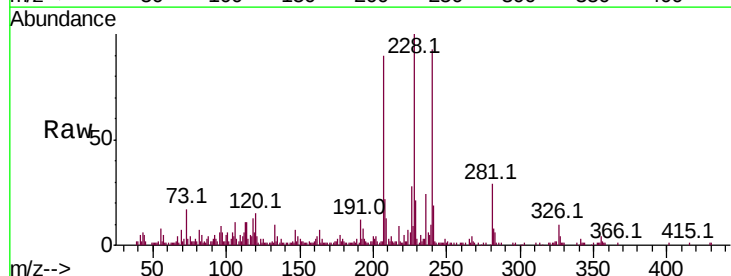
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#83
Benzo(a)anthracene
Concen: 1.565 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM023105.D
Acq: 10 Oct 2019 05:18

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.8
226	28.0	22.4	33.6

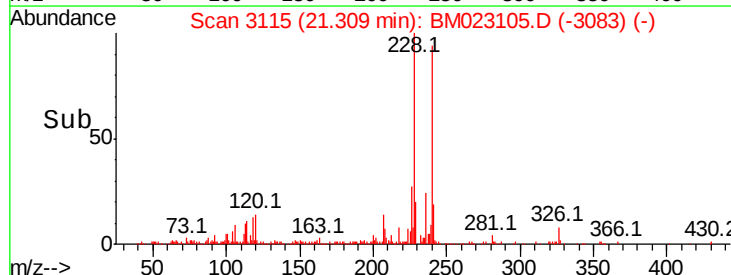
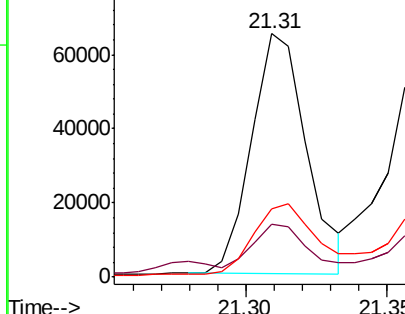


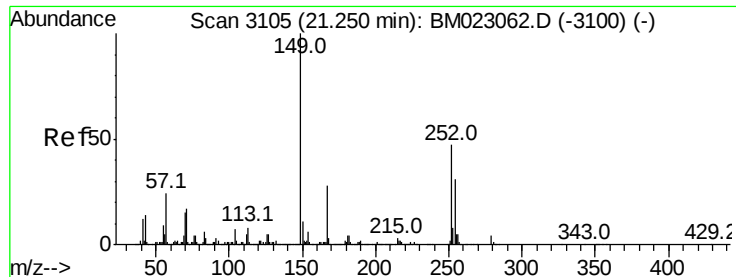
Abundance

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 5.067 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM023105.D

Acq: 10 Oct 2019 05:18

Instrument :

BNA_M

ClientSampleId :

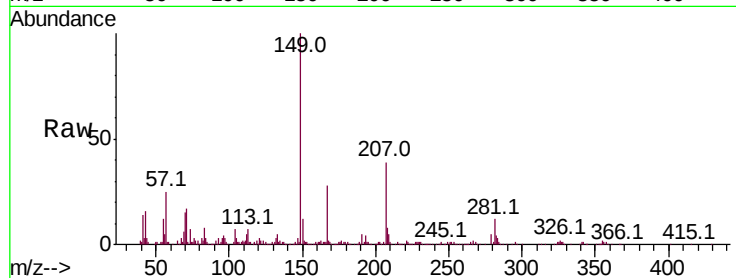
Tot Ion:149 Resp: 162985

Ion Ratio Lower Upper

149 100

167 27.8 22.1 33.1

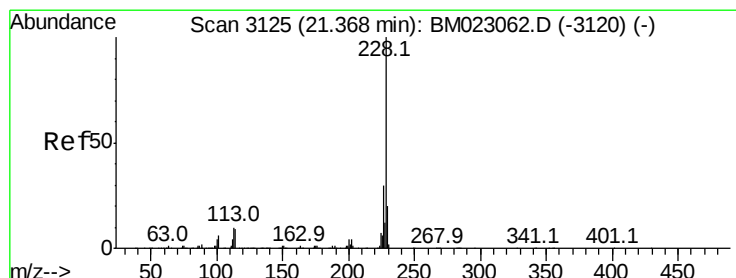
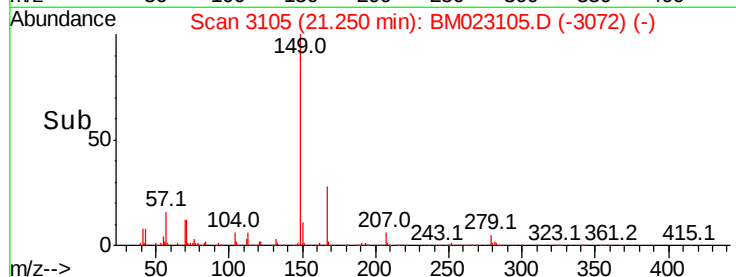
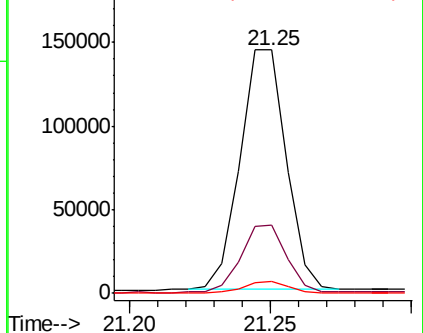
279 4.8 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 1.746 ng/ul

RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM023105.D

Acq: 10 Oct 2019 05:18

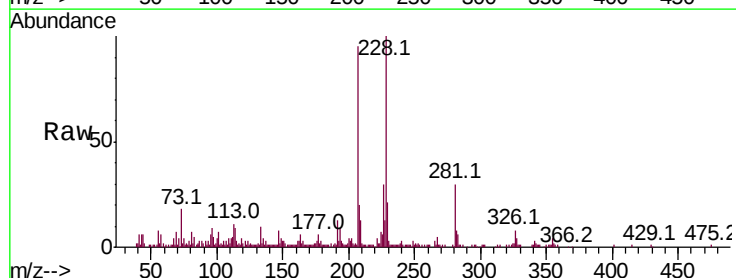
Tgt Ion:228 Resp: 89747

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.4

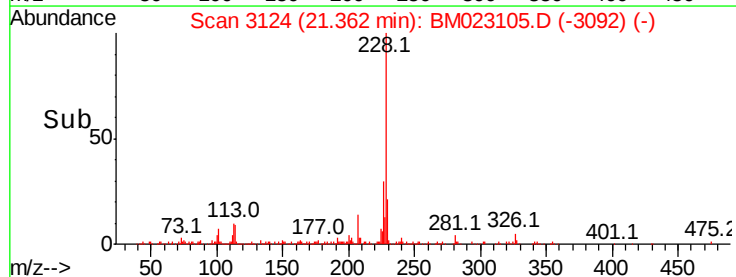
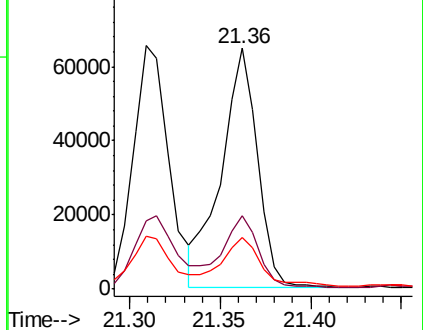
229 21.5 15.9 23.9

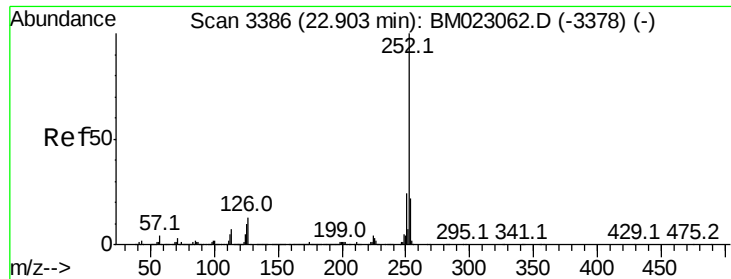


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.857 ng/ul

RT: 22.90 min Scan# 3385

Delta R.T. -0.01 min

Lab File: BM023105.D

Acq: 10 Oct 2019 05:18

Instrument :

BNA_M

ClientSampleId :

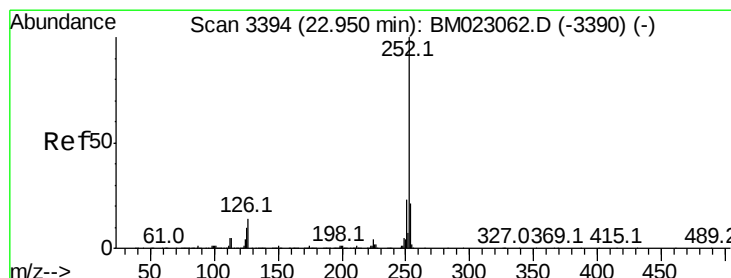
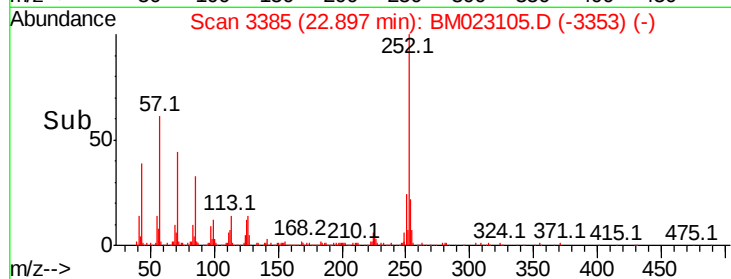
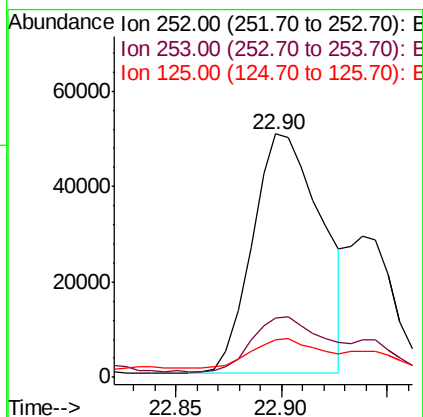
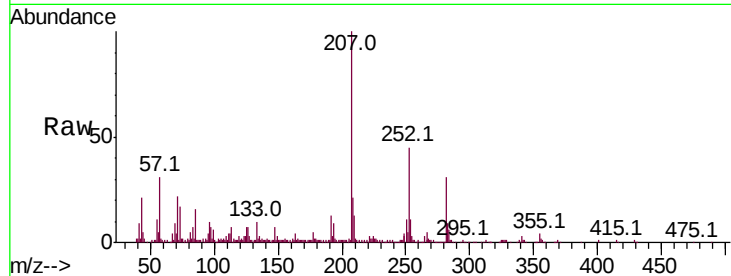
Tot Ion:252 Resp: 114026

Ion Ratio Lower Upper

252 100

253 24.4 17.7 26.5

125 15.6 8.2 12.2#



#89

Benzo(k)fluoranthene

Concen: 1.941 ng/ul

RT: 22.90 min Scan# 3385

Delta R.T. -0.06 min

Lab File: BM023105.D

Acq: 10 Oct 2019 05:18

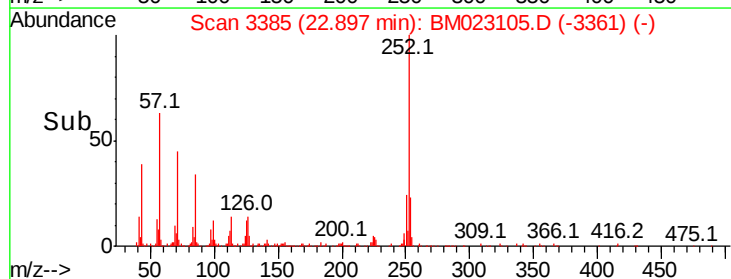
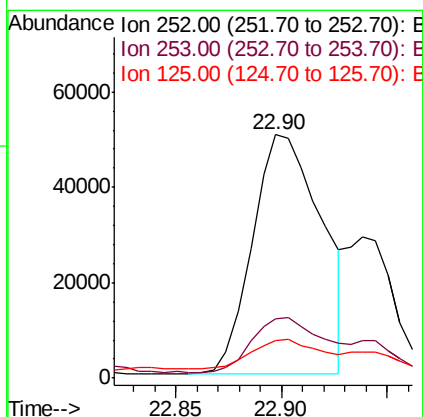
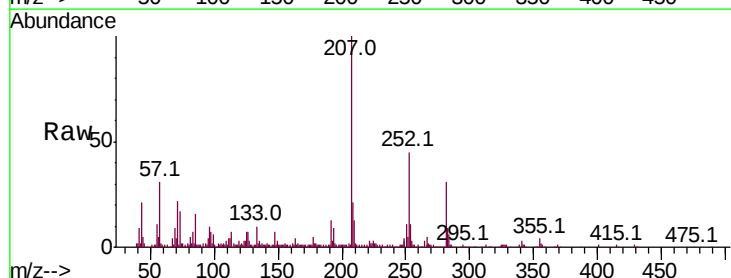
Tgt Ion:252 Resp: 114026

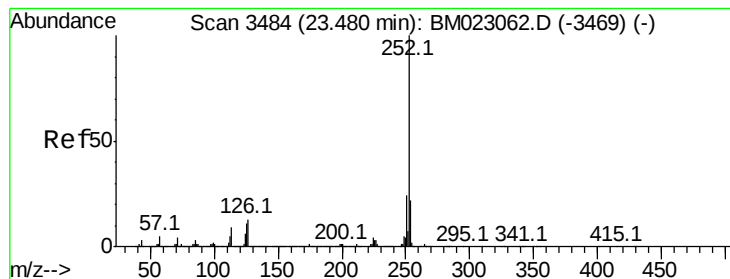
Ion Ratio Lower Upper

252 100

253 24.4 17.5 26.3

125 15.6 7.9 11.9#





#91

Benzo(a)pyrene

Concen: 1.585 ng/ul

RT: 23.47 min Scan# 3483

Delta R.T. -0.02 min

Lab File: BM023105.D

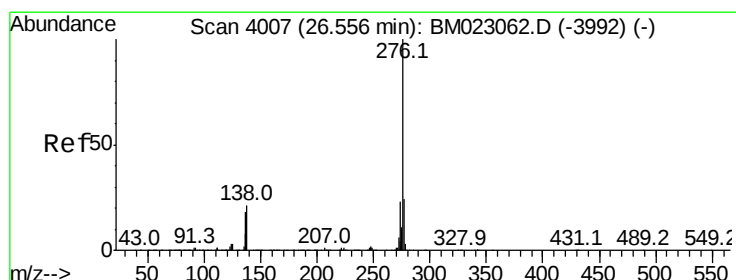
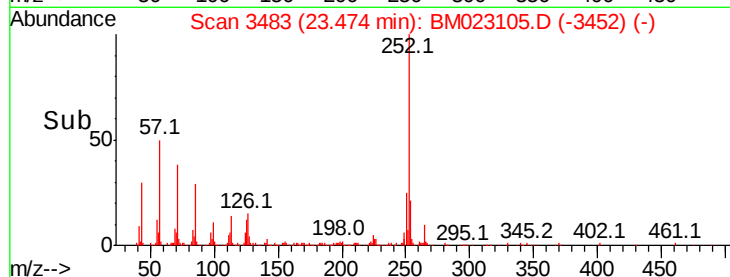
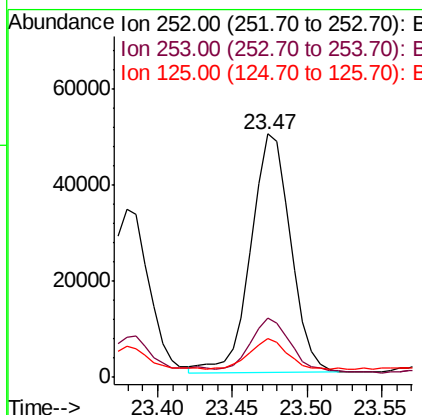
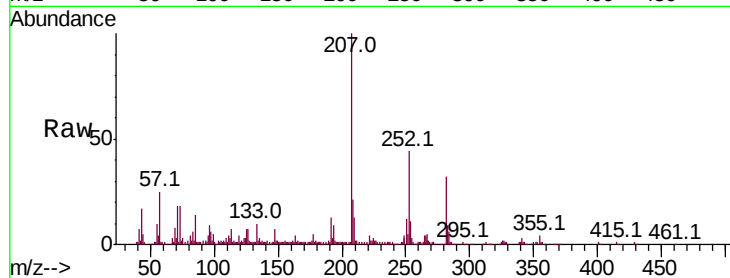
Acq: 10 Oct 2019 05:18

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	91312
Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	16.1	8.7	13.1#



#94

Benzo(g,h,i)perylene

Concen: 1.191 ng/ul

RT: 26.54 min Scan# 4004

Delta R.T. -0.03 min

Lab File: BM023105.D

Acq: 10 Oct 2019 05:18

Tgt Ion:	276	Resp:	58788
Ion	Ratio	Lower	Upper
276	100		
138	22.4	17.6	26.4
277	25.7	19.1	28.7

