

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
 Data File : BM023288.D
 Acq On : 19 Oct 2019 15:06
 Operator : JU
 Sample : K5378-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 19 23:38:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 19 23:34:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	371177	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1451353	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	879140	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1836684	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2015287	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2376772	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	30941	3.67	ng/uL	0.00
5) Phenol-d5	6.82	99	460128	14.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	373209	20.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	473901	19.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	336821	12.97	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	240485	24.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	225309	24.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	463294	19.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	244527	8.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1340977	19.90	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1772033	22.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	57910	5.31	ng/ul	0.00
58) Fluorene-d10	15.29	176	1314774	22.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	112881	15.50	ng/ul	0.00
71) Anthracene-d10	17.14	188	2034127	22.97	ng/ul	0.00
79) Pyrene-d10	19.44	212	2391519	24.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	2804720	23.28	ng/ul	0.00

Target Compounds

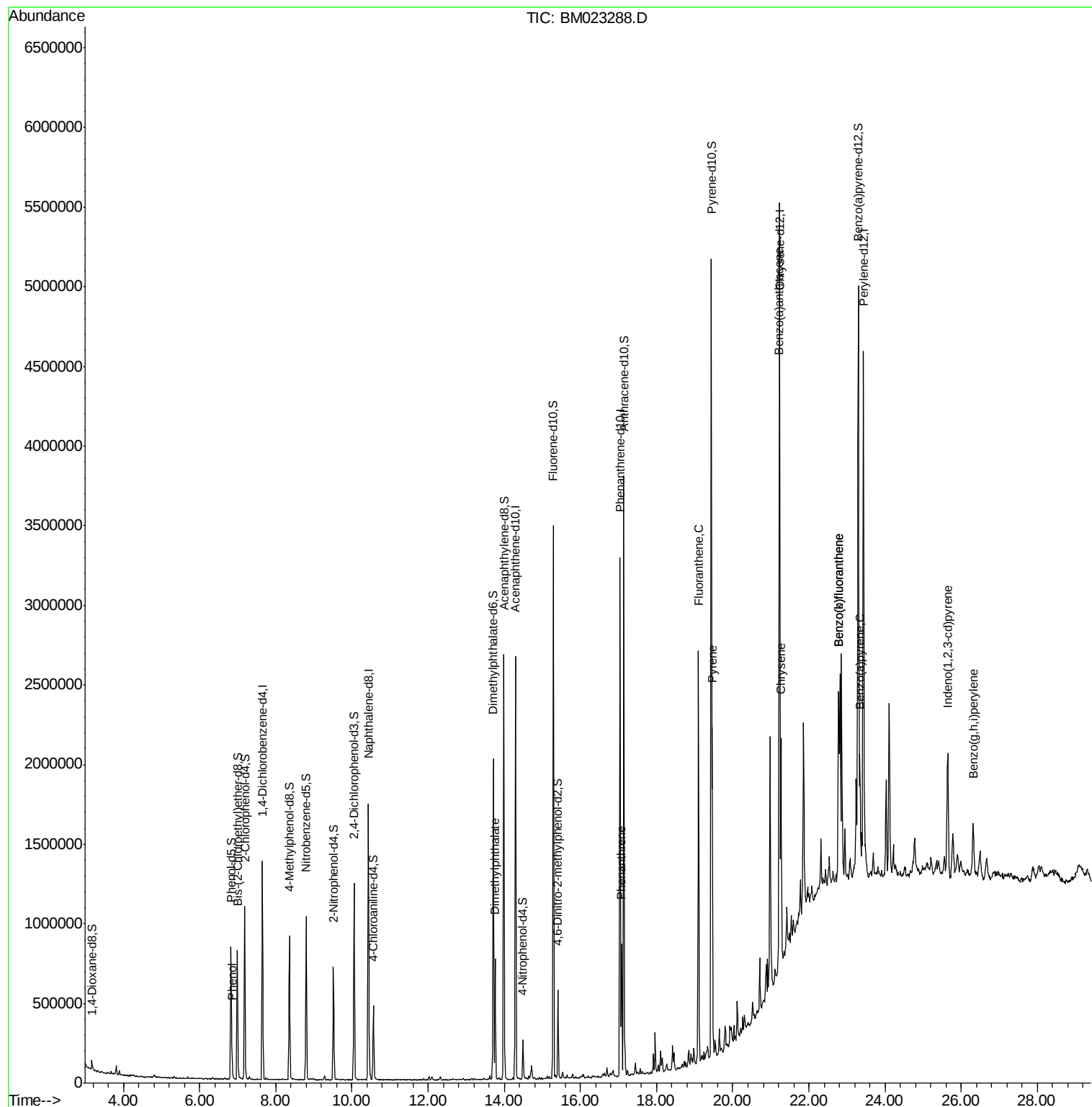
					Ovalue
6) Phenol	6.85	94	68166	2.045	ng/ul 95
45) Dimethylphthalate	13.76	163	483486	7.170	ng/ul 98
70) Phenanthrene	17.08	178	492971	4.783	ng/ul 99
77) Fluoranthene	19.10	202	1521316	12.410	ng/ul 100
80) Pyrene	19.46	202	1197430	9.485	ng/ul 97
83) Benzo(a)anthracene	21.22	228	816083	5.976	ng/ul 98
85) Chrysene	21.27	228	773843	6.103	ng/ul 99
88) Benzo(b)fluoranthene	22.78	252	1023042	7.099	ng/ul 99
89) Benzo(k)fluoranthene	22.78	252	1023042	7.393	ng/ul 99
91) Benzo(a)pyrene	23.34	252	570955	4.130	ng/ul 96
92) Indeno(1,2,3-cd)pyrene	25.64	276	477874	2.905	ng/ul 95
94) Benzo(g,h,i)perylene	26.32	276	374940	2.769	ng/ul 98

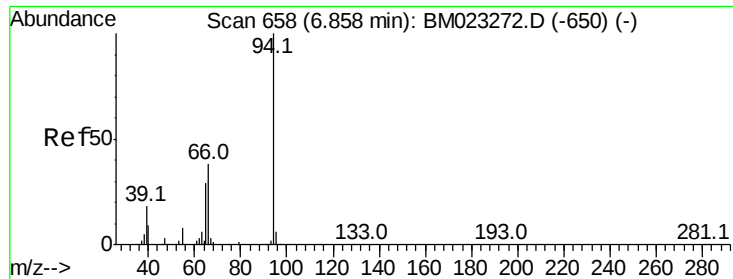
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 23:34:34 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.045 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.00 min

Lab File: BM023288.D

Acq: 19 Oct 2019 15:06

Instrument :

BNA_M

ClientSampled :

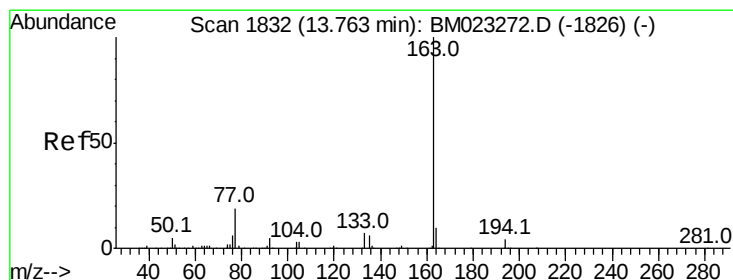
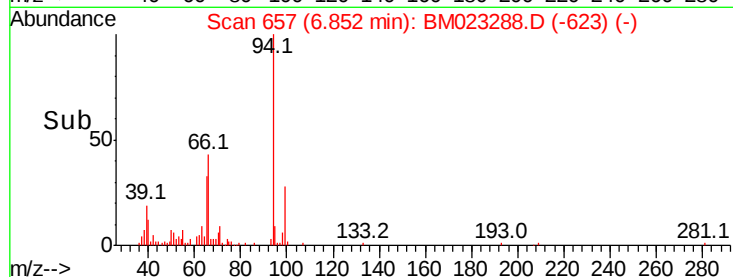
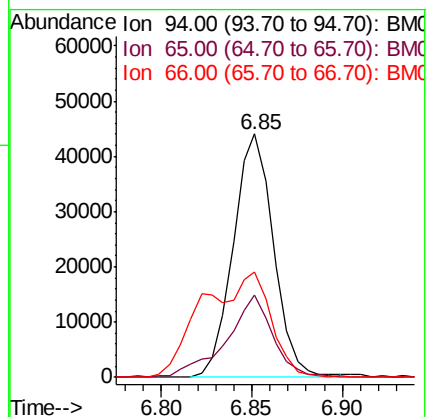
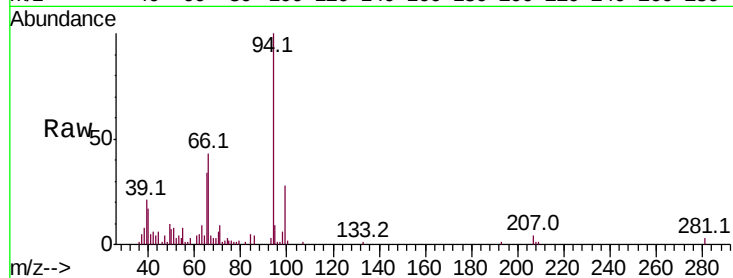
Tot Ion: 94 Resp: 68166

Ion Ratio Lower Upper

94 100

65 33.6 23.7 35.5

66 43.1 32.9 49.3



#45

Dimethylphthalate

Concen: 7.170 ng/ul

RT: 13.76 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BM023288.D

Acq: 19 Oct 2019 15:06

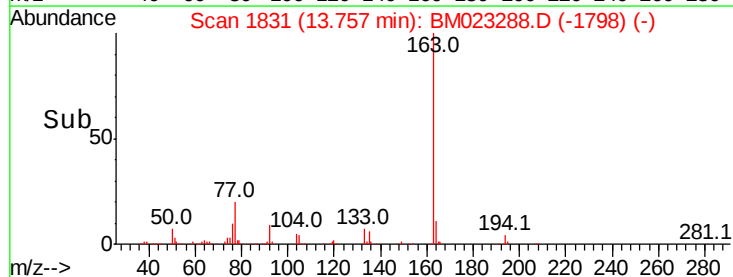
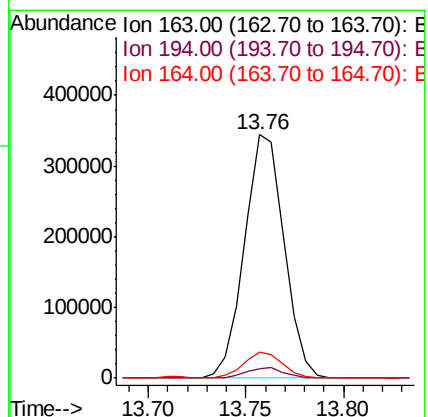
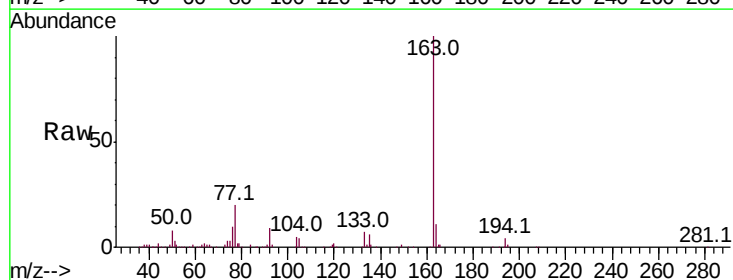
Tgt Ion: 163 Resp: 483486

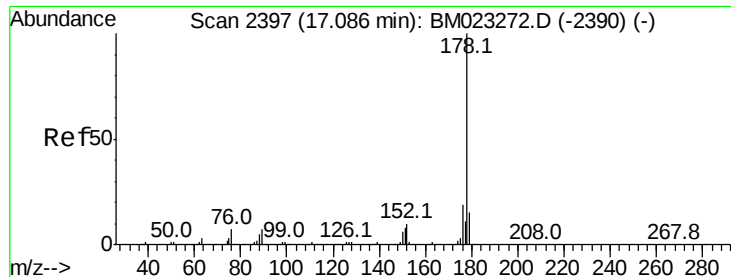
Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

164 10.9 8.0 12.0





#70

Phenanthrene

Concen: 4.783 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BM023288.D

Acq: 19 Oct 2019 15:06

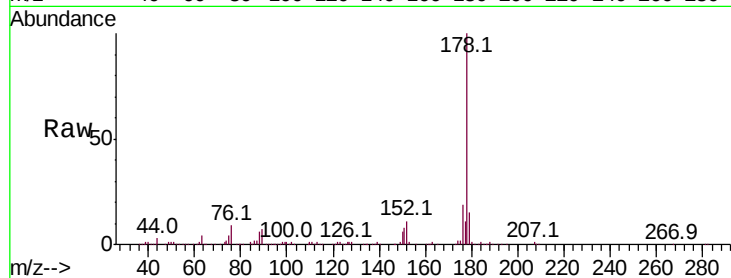
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 492971

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.7	15.5	23.3

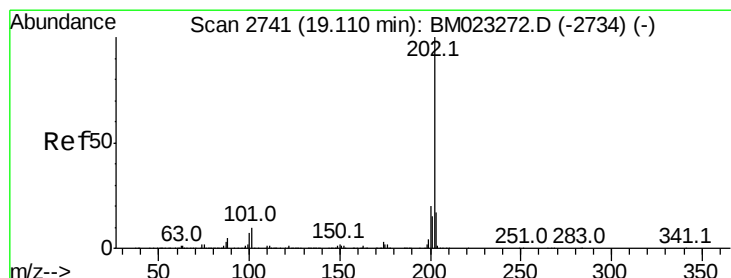
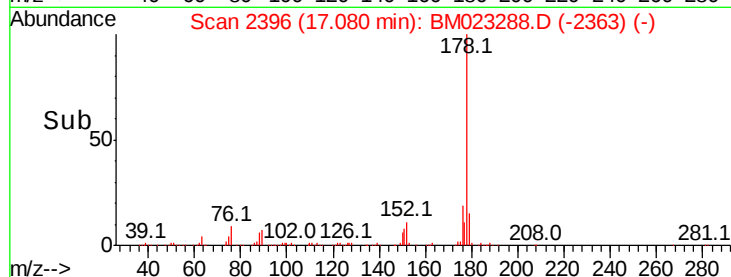
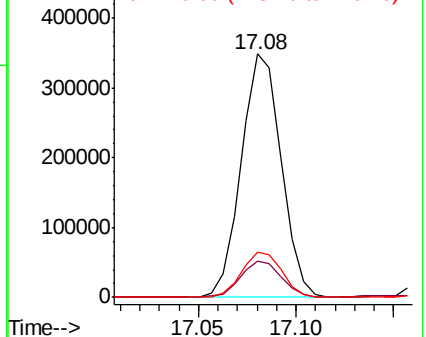


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 12.410 ng/ul

RT: 19.10 min Scan# 2740

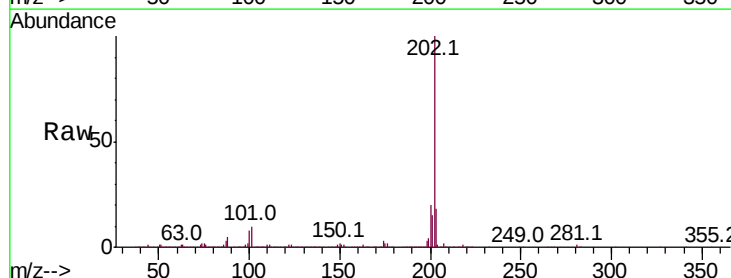
Delta R.T. 0.00 min

Lab File: BM023288.D

Acq: 19 Oct 2019 15:06

Tgt Ion:202 Resp: 1521316

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.8	11.8
100	7.6	6.1	9.1

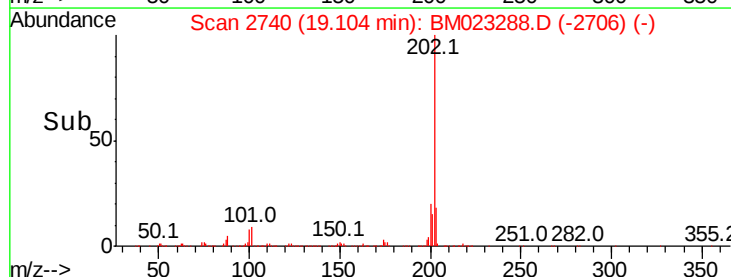
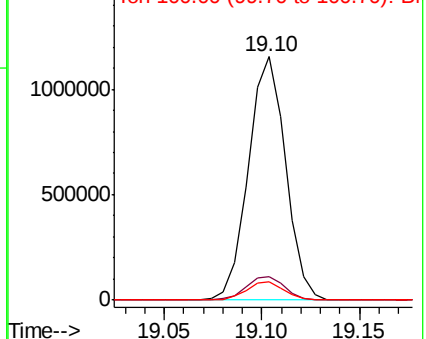


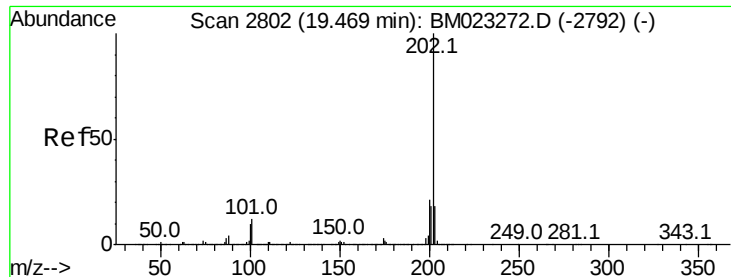
Abundance

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

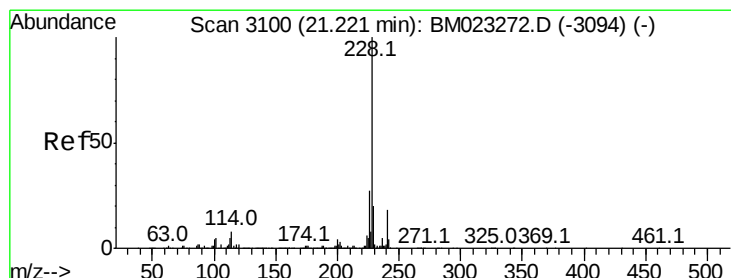
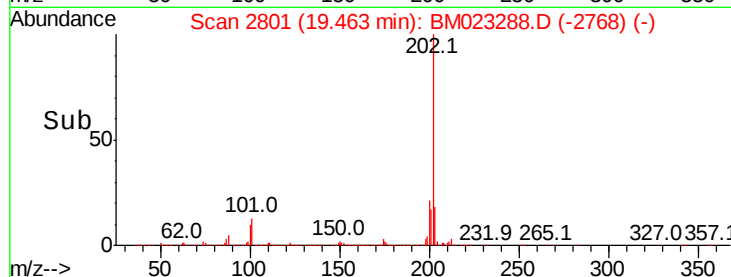
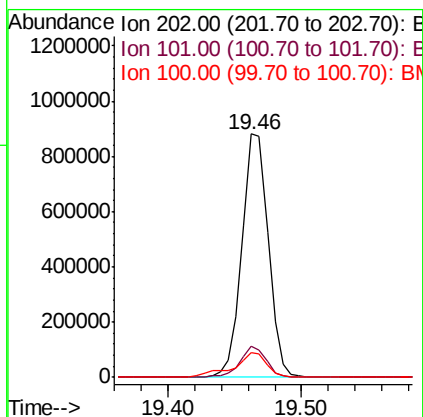
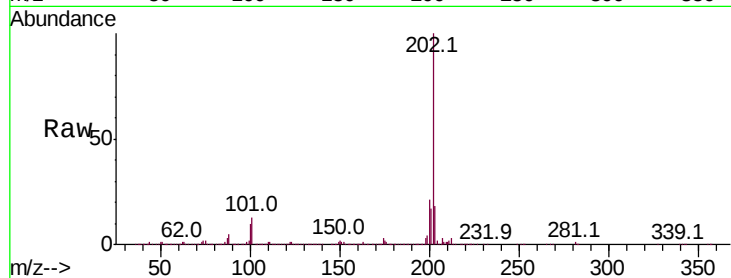




#80
Pvrene
Concen: 9.485 ng/ul
RT: 19.46 min Scan# 2801
Delta R.T. -0.01 min
Lab File: BM023288.D
Acq: 19 Oct 2019 15:06

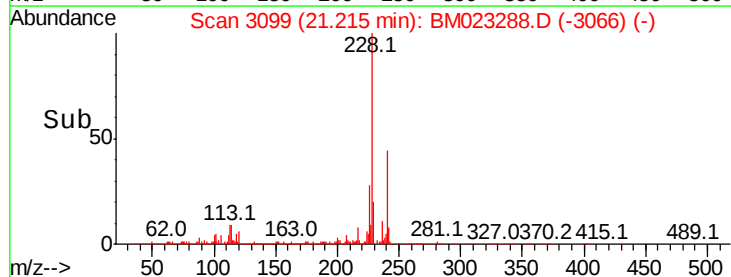
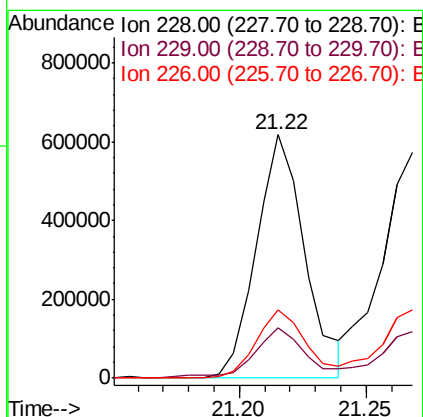
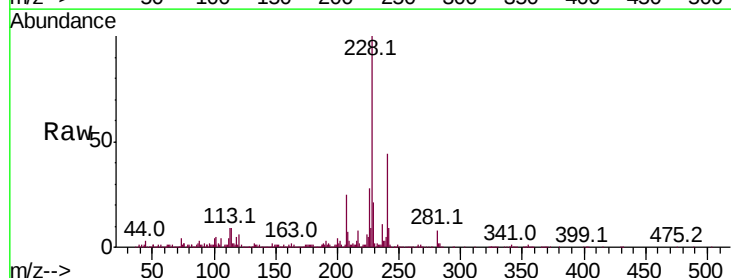
Instrument :
BNA_M
ClientSampled :

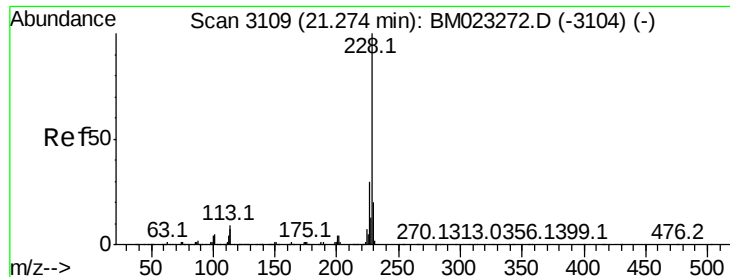
Tot Ion:202 Resp: 1197430
Ion Ratio Lower Upper
202 100
101 12.6 9.1 13.7
100 10.2 7.5 11.3



#83
Benzo(a)anthracene
Concen: 5.976 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM023288.D
Acq: 19 Oct 2019 15:06

Tgt Ion:228 Resp: 816083
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 27.9 21.6 32.4





#85

Chrysene

Concen: 6.103 ng/ul

RT: 21.27 min Scan# 3108

Delta R.T. 0.00 min

Lab File: BM023288.D

Acq: 19 Oct 2019 15:06

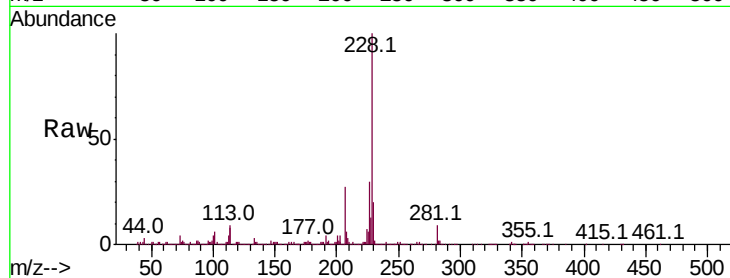
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 773843

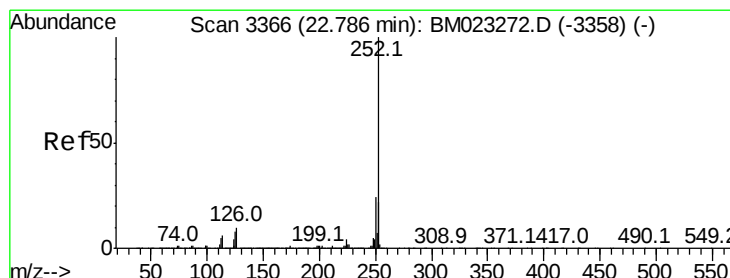
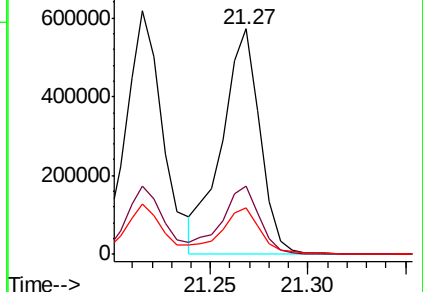
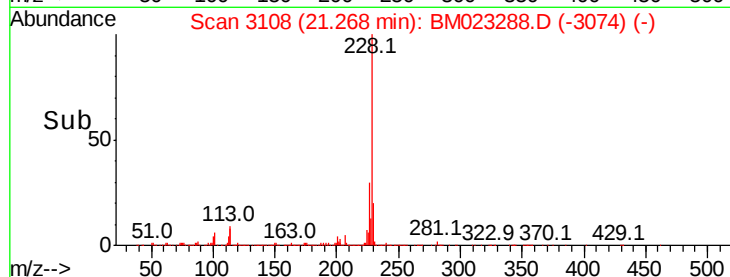
Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.6
229	20.4	15.5	23.3



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: 7.099 ng/ul

RT: 22.78 min Scan# 3365

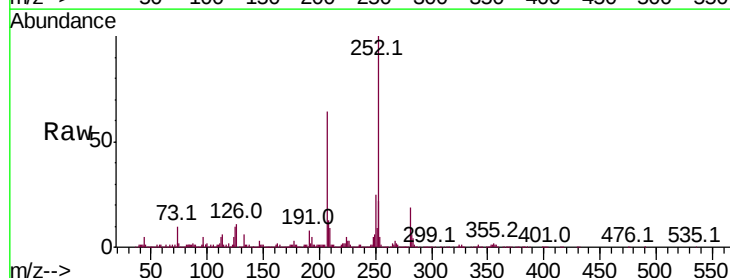
Delta R.T. 0.00 min

Lab File: BM023288.D

Acq: 19 Oct 2019 15:06

Tgt Ion:252 Resp: 1023042

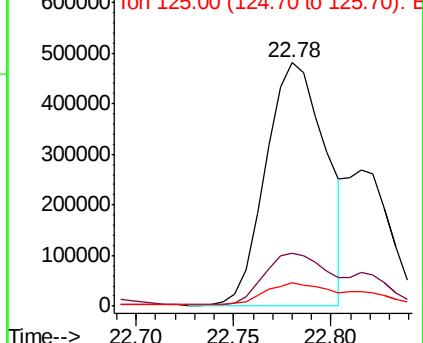
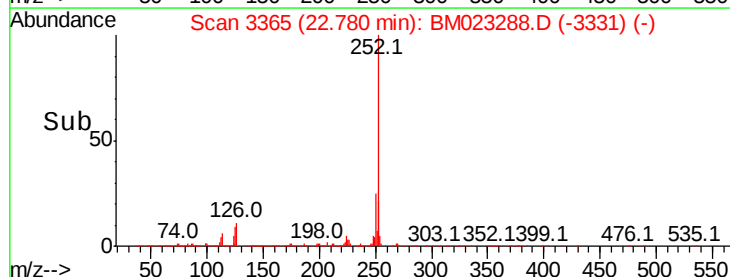
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.6	6.4	9.6

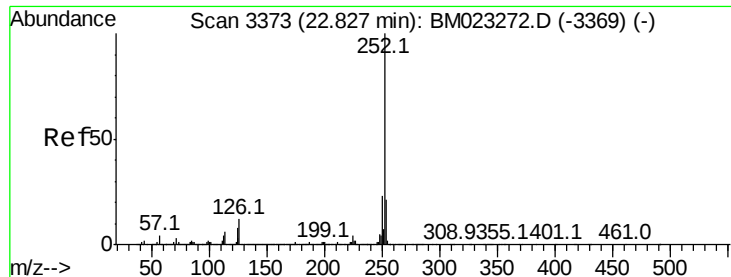


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 7.393 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. -0.04 min

Lab File: BM023288.D

Acq: 19 Oct 2019 15:06

Instrument :

BNA_M

ClientSampleId :

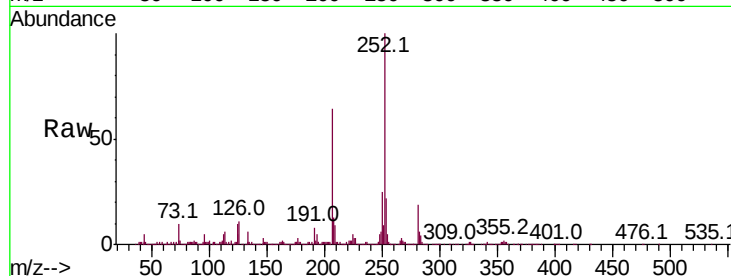
Tot Ion:252 Resp: 1023042

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

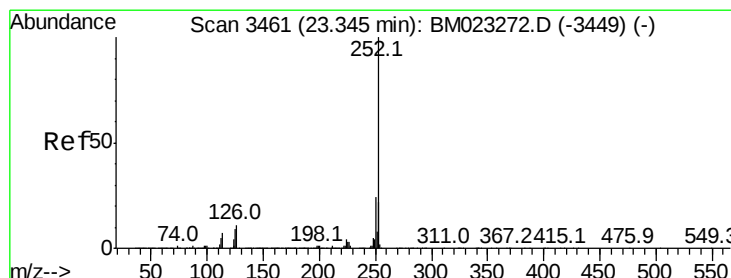
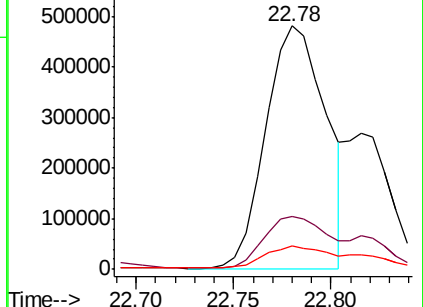
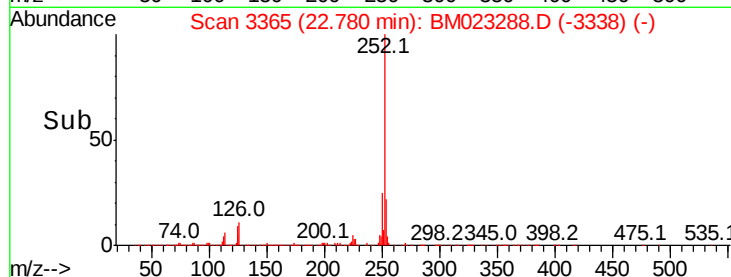
125 9.6 6.5 9.7



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: 4.130 ng/ul

RT: 23.34 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM023288.D

Acq: 19 Oct 2019 15:06

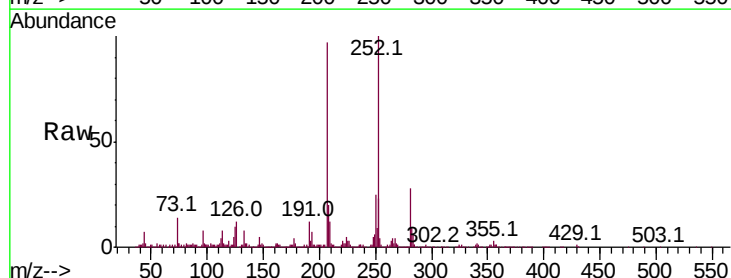
Tgt Ion:252 Resp: 570955

Ion Ratio Lower Upper

252 100

253 23.4 17.2 25.8

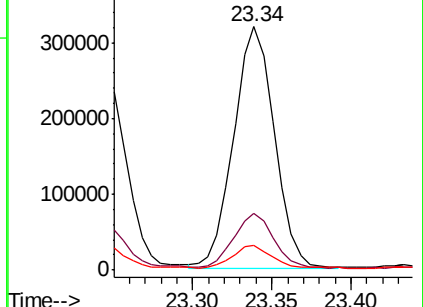
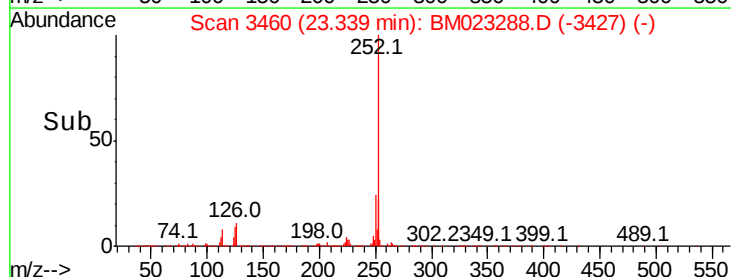
125 10.3 7.4 11.0

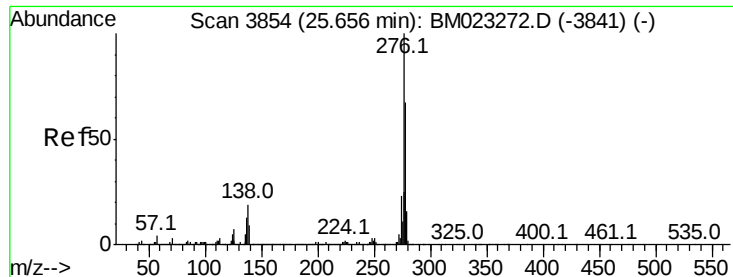


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



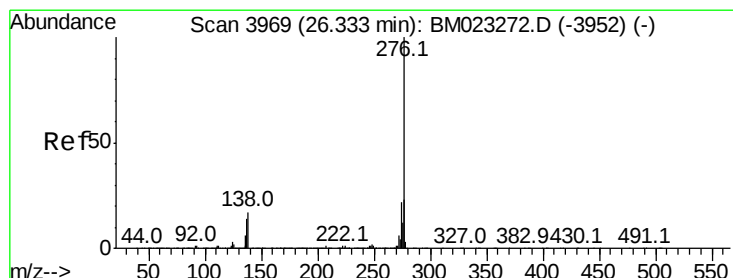
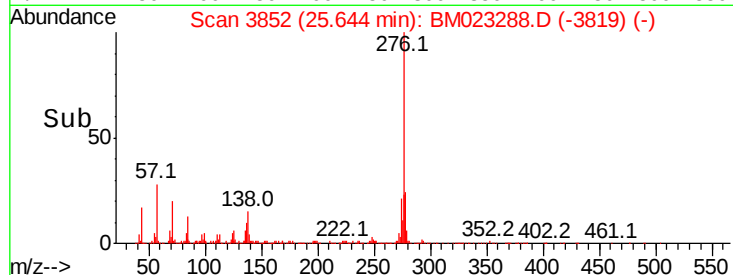
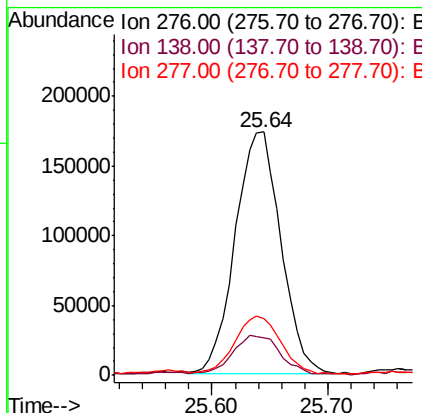
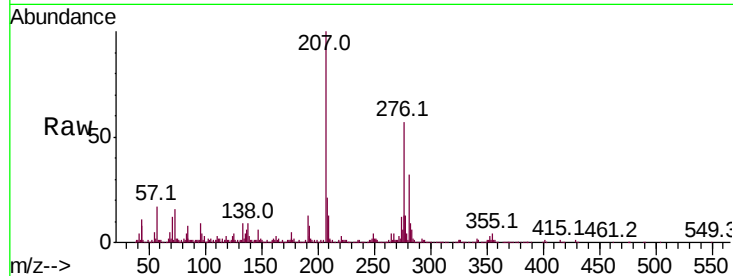


#92

Indeno(1,2,3-cd)pyrene
Concen: 2.905 ng/ul
RT: 25.64 min Scan# 3852
Delta R.T. -0.01 min
Lab File: BM023288.D
Acq: 19 Oct 2019 15:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.7	14.9	22.3
277	23.3	19.8	29.8



#94

Benzo(g,h,i)perylene
Concen: 2.769 ng/ul
RT: 26.32 min Scan# 3966
Delta R.T. -0.01 min
Lab File: BM023288.D
Acq: 19 Oct 2019 15:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.8	14.4	21.6
277	24.6	19.4	29.2

