

Data File : BP002058.D
Acq On : 04 Mar 2020 19:42
Operator : CG/JU
Sample : L1677-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0CB8

Quant Time: Mar 05 06:23:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 05 06:21:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	277468	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1152996	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	734264	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1575376	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1543098	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	1770468	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	8664	1.34	ng/uL	0.00
5) Phenol-d5	6.82	99	157211	7.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	94217	8.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	142282	7.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	117455	6.75	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	61090	6.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	62078	6.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	134406	7.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	163409	7.77	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	445061	8.01	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	514806	7.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	23539	2.22	ng/ul	0.00
58) Fluorene-d10	15.27	176	408352	8.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	24155	2.78	ng/ul	0.00
71) Anthracene-d10	17.12	188	598701	8.46	ng/ul	0.00
79) Pyrene-d10	19.37	212	754361	9.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	805342	8.89	ng/ul	-0.01

Target Compounds

						Qvalue
45) Dimethylphthalate	13.73	163	114970	2.004	ng/ul	98
70) Phenanthrene	17.07	178	137451	1.584	ng/ul	99
77) Fluoranthene	19.04	202	258943	2.586	ng/ul	99
80) Pyrene	19.40	202	224734	2.139	ng/ul	99
83) Benzo(a)anthracene	21.10	228	121132	1.160	ng/ul	97
85) Chrysene	21.16	228	121995	1.225	ng/ul	97
88) Benzo(b)fluoranthene	22.67	252	161248	1.452	ng/ul	97
89) Benzo(k)fluoranthene	22.67	252	161248	1.484	ng/ul	97
91) Benzo(a)pyrene	23.23	252	104219	1.034	ng/ul	98

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

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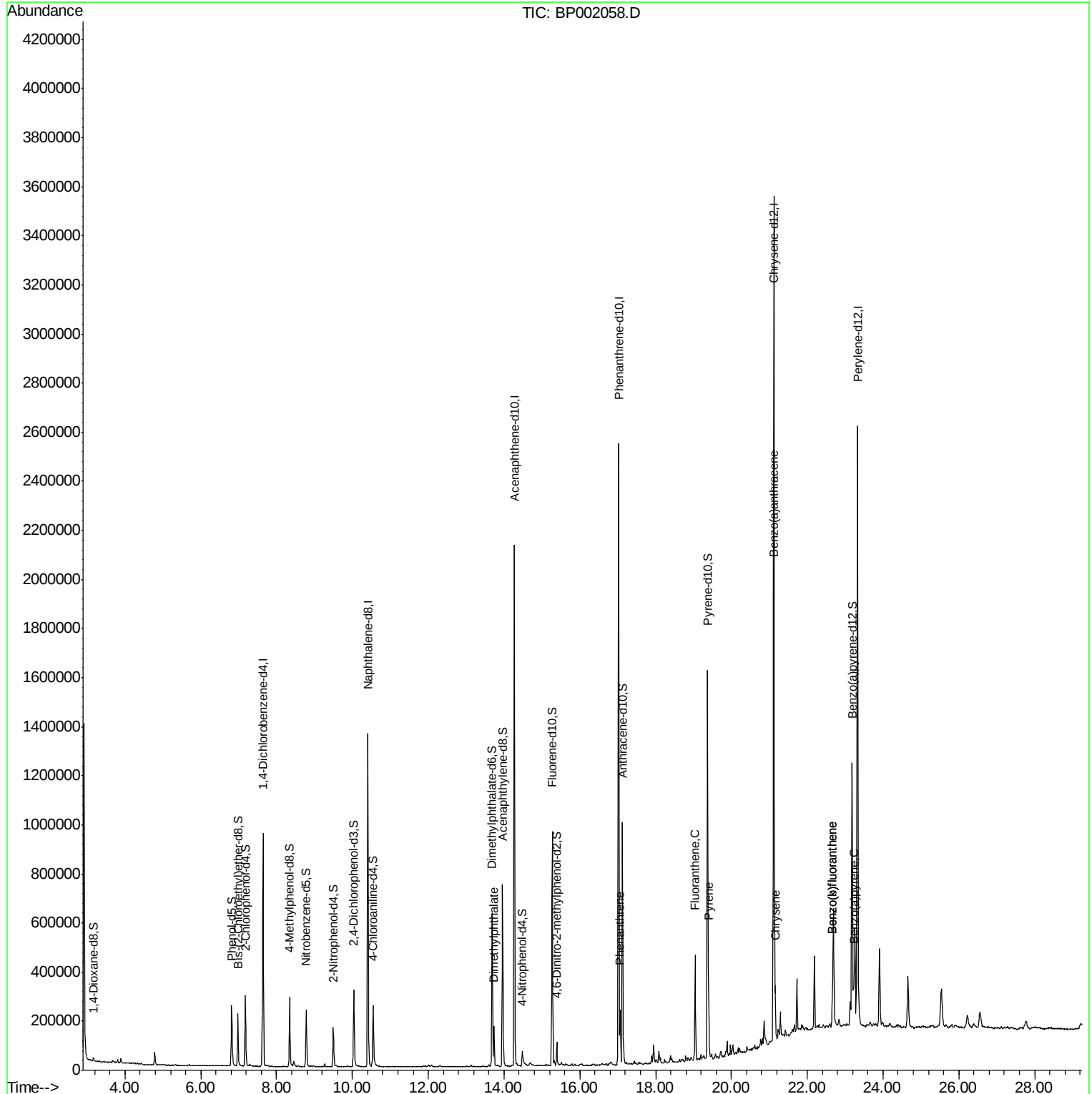
Quant Time: Mar 05 06:23:43 2020

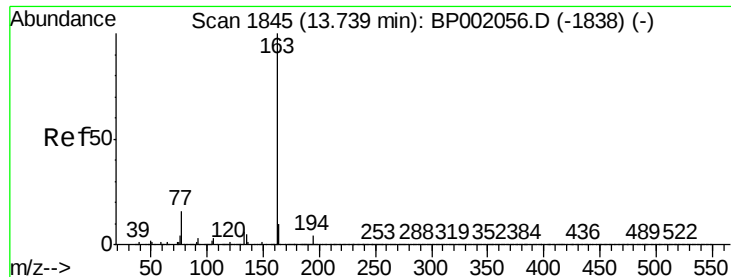
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Mar 05 06:21:29 2020

Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 2.004 ng/ul

RT: 13.73 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BP002058.D

Acq: 04 Mar 2020 19:42

Instrument :

BNA_P

ClientSampleId :

C0CB8

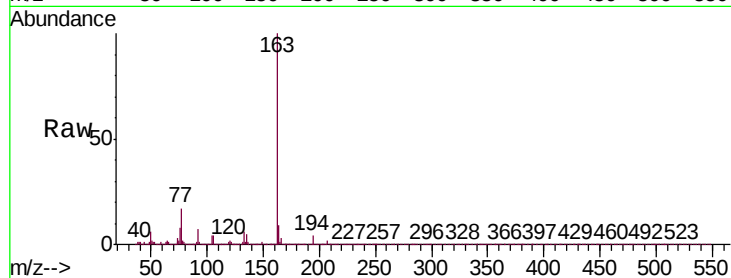
Tgt Ion:163 Resp: 114970

Ion Ratio Lower Upper

163 100

194 3.7 3.6 5.4

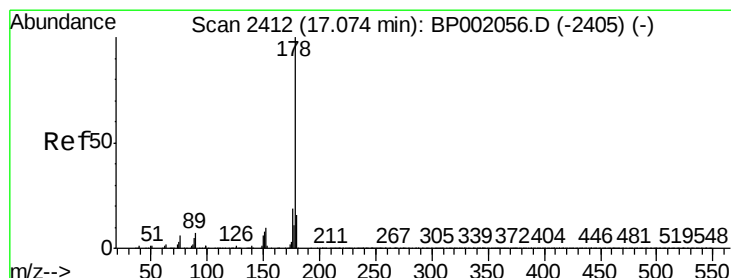
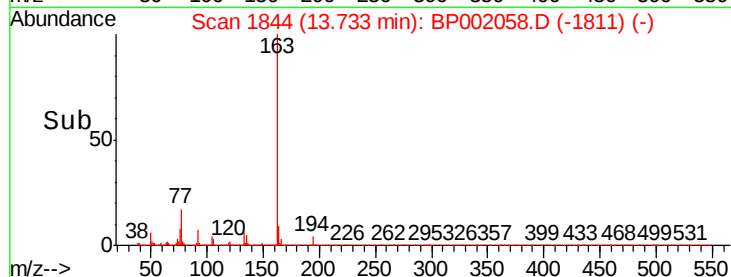
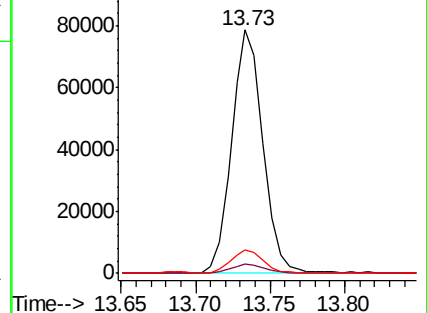
164 9.4 8.2 12.4



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: 1.584 ng/ul

RT: 17.07 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BP002058.D

Acq: 04 Mar 2020 19:42

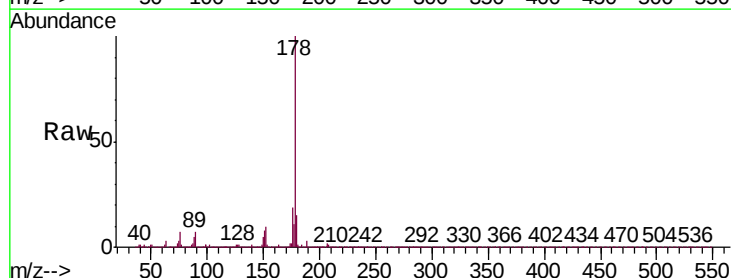
Tgt Ion:178 Resp: 137451

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

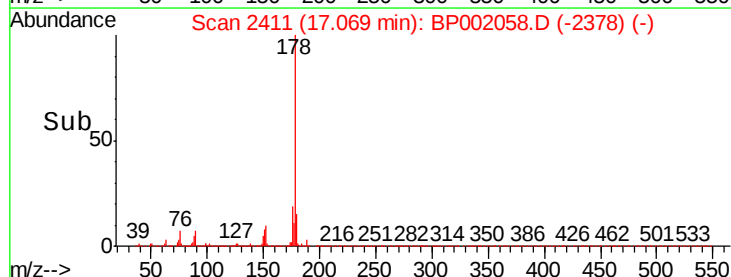
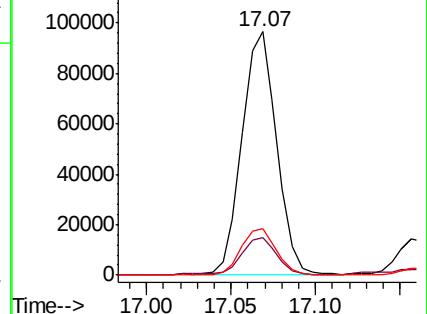
176 19.0 14.9 22.3

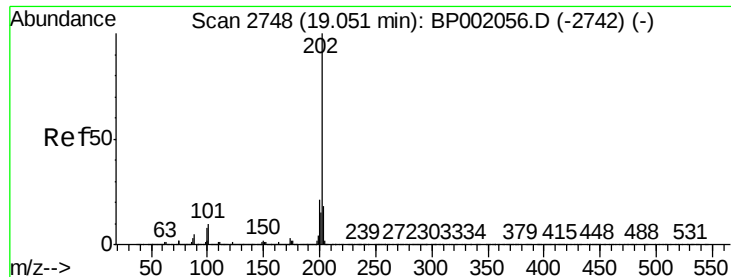


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

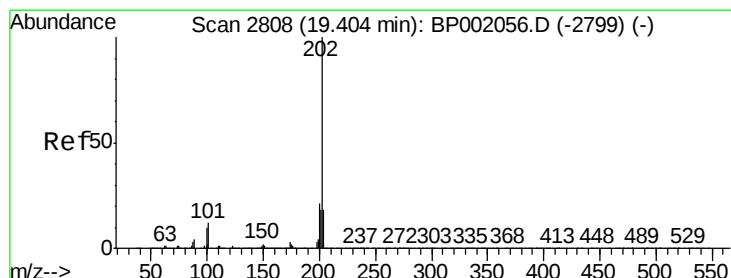
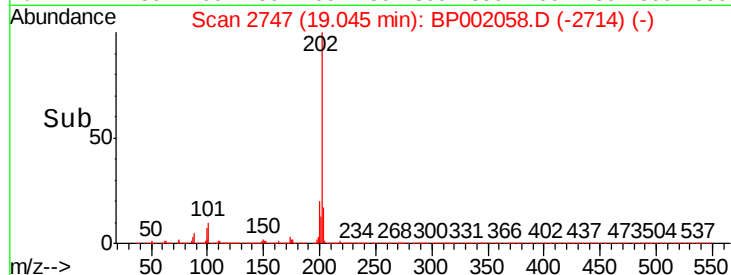
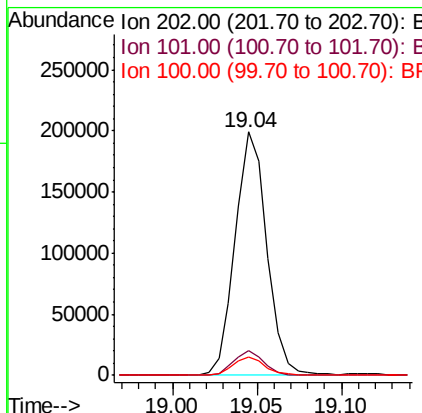
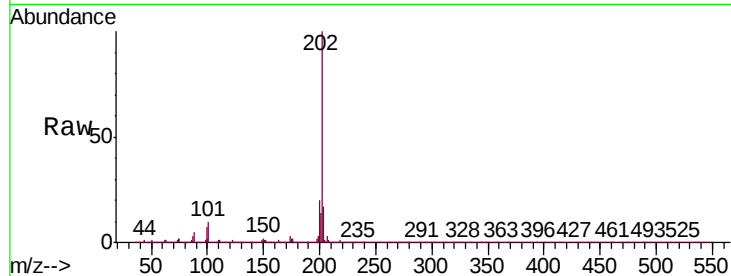




#77
 Fluoranthene
 Concen: 2.586 ng/ul
 RT: 19.04 min Scan# 2747
 Delta R.T. -0.01 min
 Lab File: BP002058.D
 Acq: 04 Mar 2020 19:42

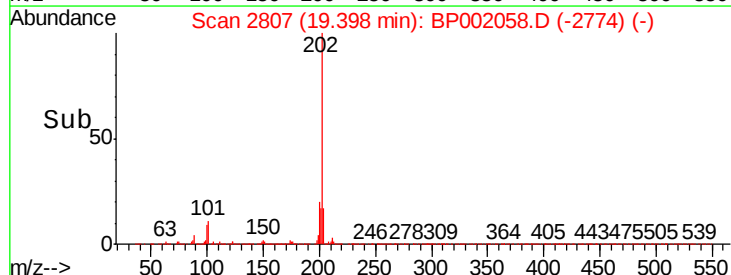
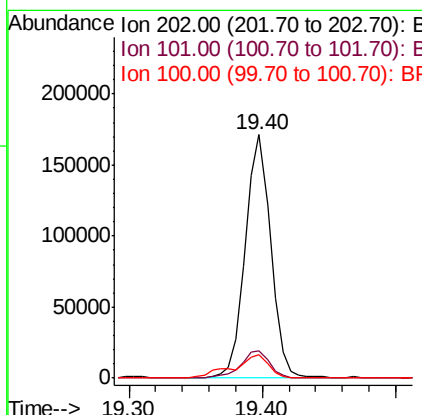
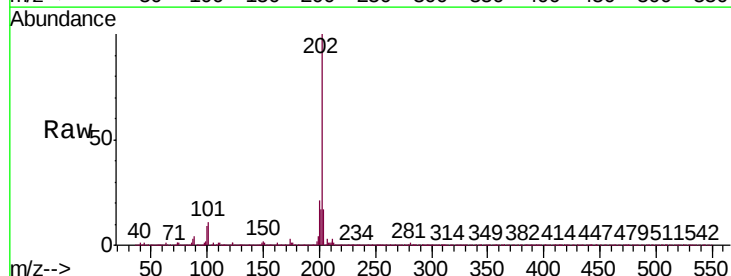
Instrument :
 BNA_P
 ClientSampleId :
 C0CB8

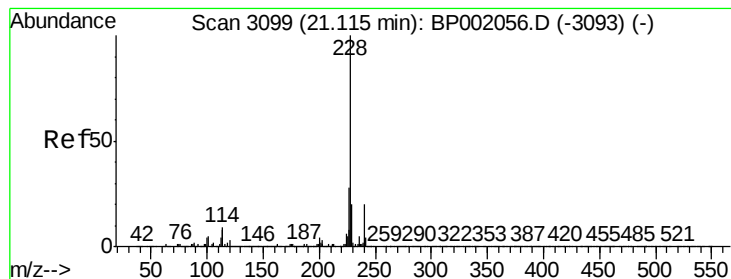
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.2	12.2
100	7.5	6.3	9.5



#80
 Pyrene
 Concen: 2.139 ng/ul
 RT: 19.40 min Scan# 2807
 Delta R.T. -0.01 min
 Lab File: BP002058.D
 Acq: 04 Mar 2020 19:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.3	13.9
100	9.4	7.6	11.4





#83

Benzo(a)anthracene

Concen: 1.160 ng/ul

RT: 21.10 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BP002058.D

Acq: 04 Mar 2020 19:42

Instrument :

BNA_P

ClientSampleId :

C0CB8

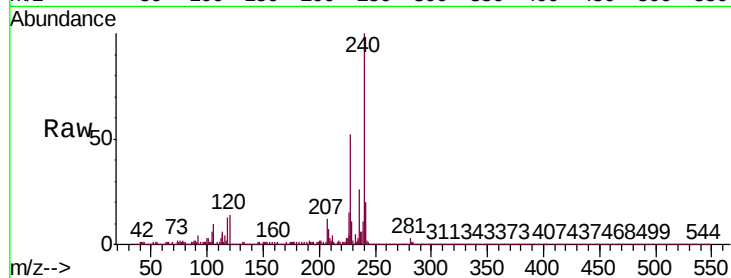
Tgt Ion:228 Resp: 121132

Ion Ratio Lower Upper

228 100

229 21.3 15.7 23.5

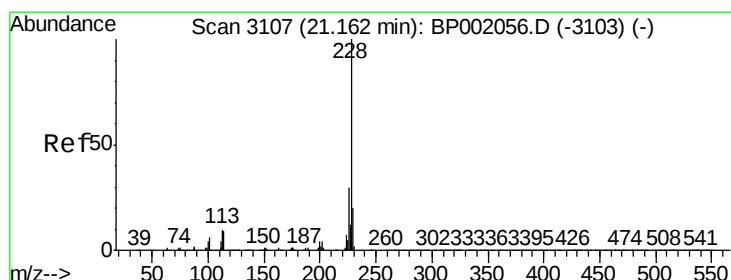
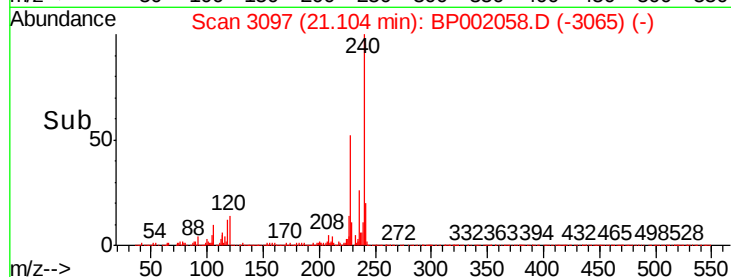
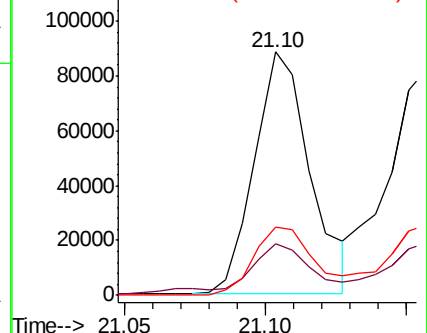
226 28.2 21.4 32.0



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: 1.225 ng/ul

RT: 21.16 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BP002058.D

Acq: 04 Mar 2020 19:42

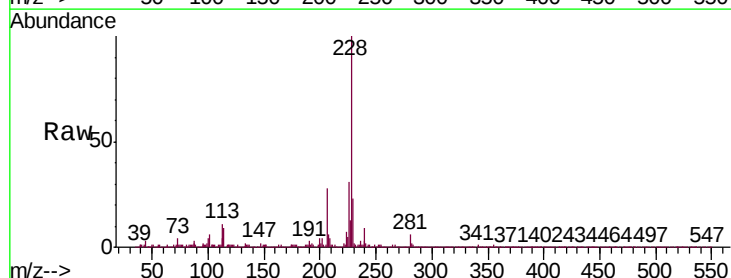
Tgt Ion:228 Resp: 121995

Ion Ratio Lower Upper

228 100

226 31.2 24.4 36.6

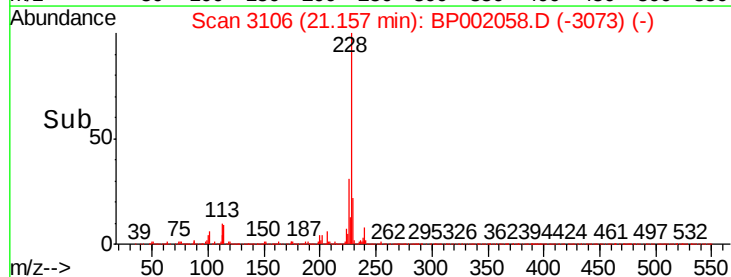
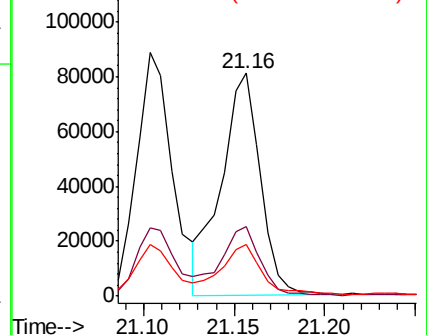
229 23.0 15.9 23.9

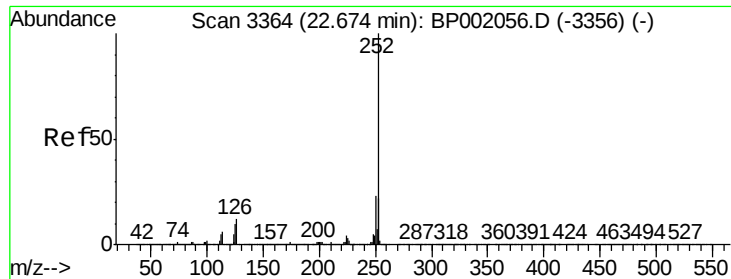


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.452 ng/ul

RT: 22.67 min Scan# 3363

Delta R.T. -0.01 min

Lab File: BP002058.D

Acq: 04 Mar 2020 19:42

Instrument :

BNA_P

ClientSampled :

C0CB8

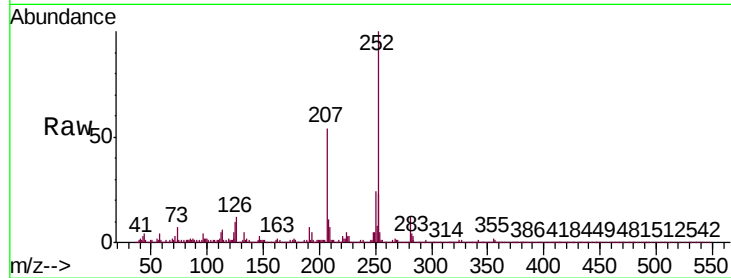
Tgt Ion:252 Resp: 161248

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

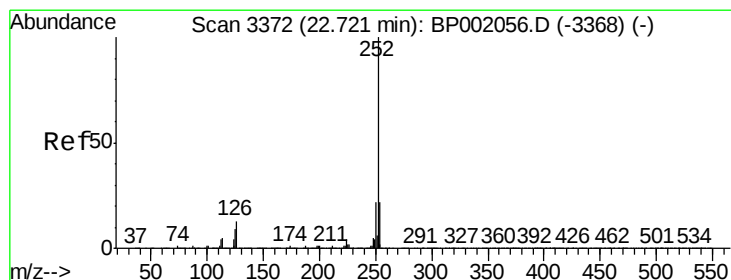
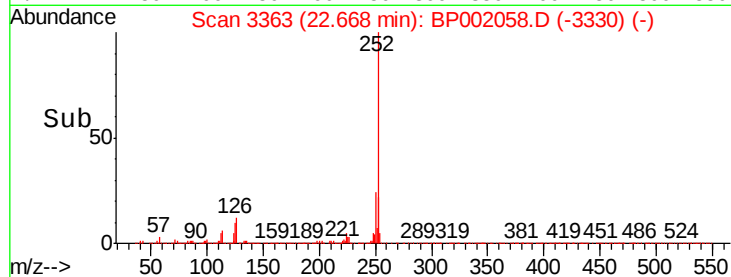
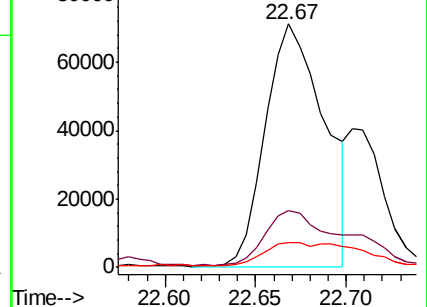
125 10.1 7.4 11.0



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



#89

Benzo(k)fluoranthene

Concen: 1.484 ng/ul

RT: 22.67 min Scan# 3363

Delta R.T. -0.05 min

Lab File: BP002058.D

Acq: 04 Mar 2020 19:42

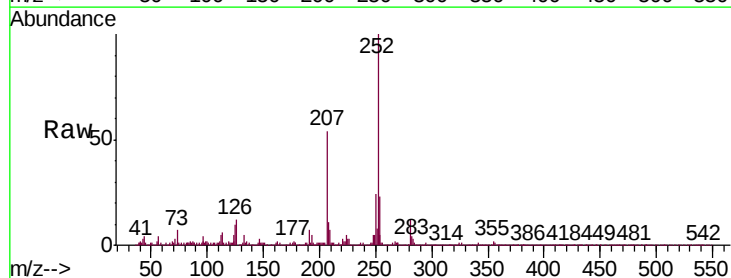
Tgt Ion:252 Resp: 161248

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

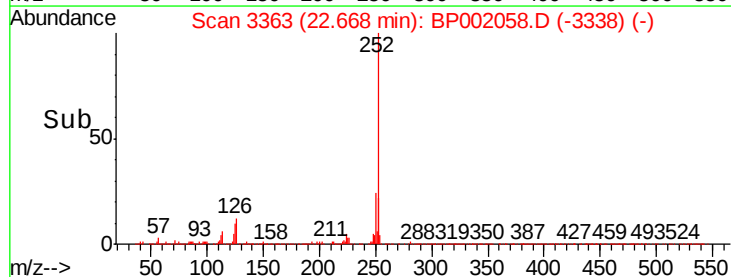
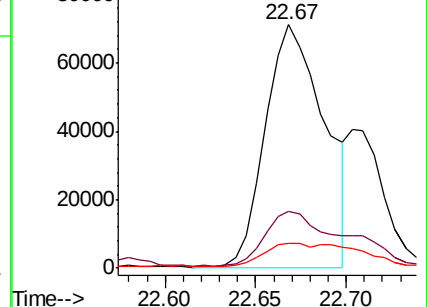
125 10.1 7.4 11.0

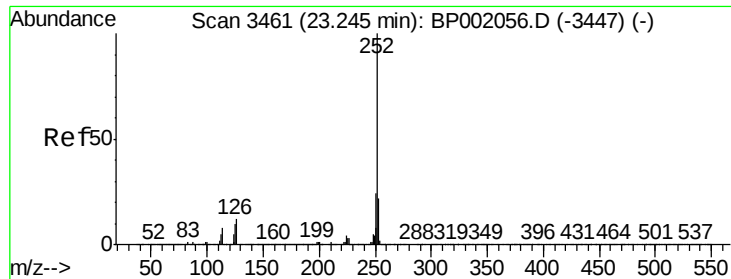


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.034 ng/ul

RT: 23.23 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BP002058.D

Acq: 04 Mar 2020 19:42

Instrument :

BNA_P

ClientSampleId :

C0CB8

Tgt Ion: 252 Resp: 104219

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 11.1 8.2 12.2

