

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121220\
 Data File : BP004233.D
 Acq On : 11 Dec 2020 18:03
 Operator : CG/JU
 Sample : L5000-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54A3

Quant Time: Dec 11 23:58:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 10 13:52:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	359668	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1426391	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	842223	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1824216	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	1918496	20.00	ng/ul	0.00
86) Perylene-d12	23.67	264	2035421	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	25289	2.47	ng/uL	0.00
5) Phenol-d5	6.99	99	458629	15.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	288520	15.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	363202	16.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	304273	13.53	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	183424	15.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	156783	16.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	336969	15.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	405053	15.42	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	1098257	17.06	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1437878	17.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	119917	11.03	ng/ul	0.00
58) Fluorene-d10	15.47	176	975567	16.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	90901	10.39	ng/ul	0.00
71) Anthracene-d10	17.33	188	1555764	17.50	ng/ul	0.00
79) Pyrene-d10	19.57	212	1930952	19.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.52	264	2057608	19.19	ng/ul	0.00

Target Compounds

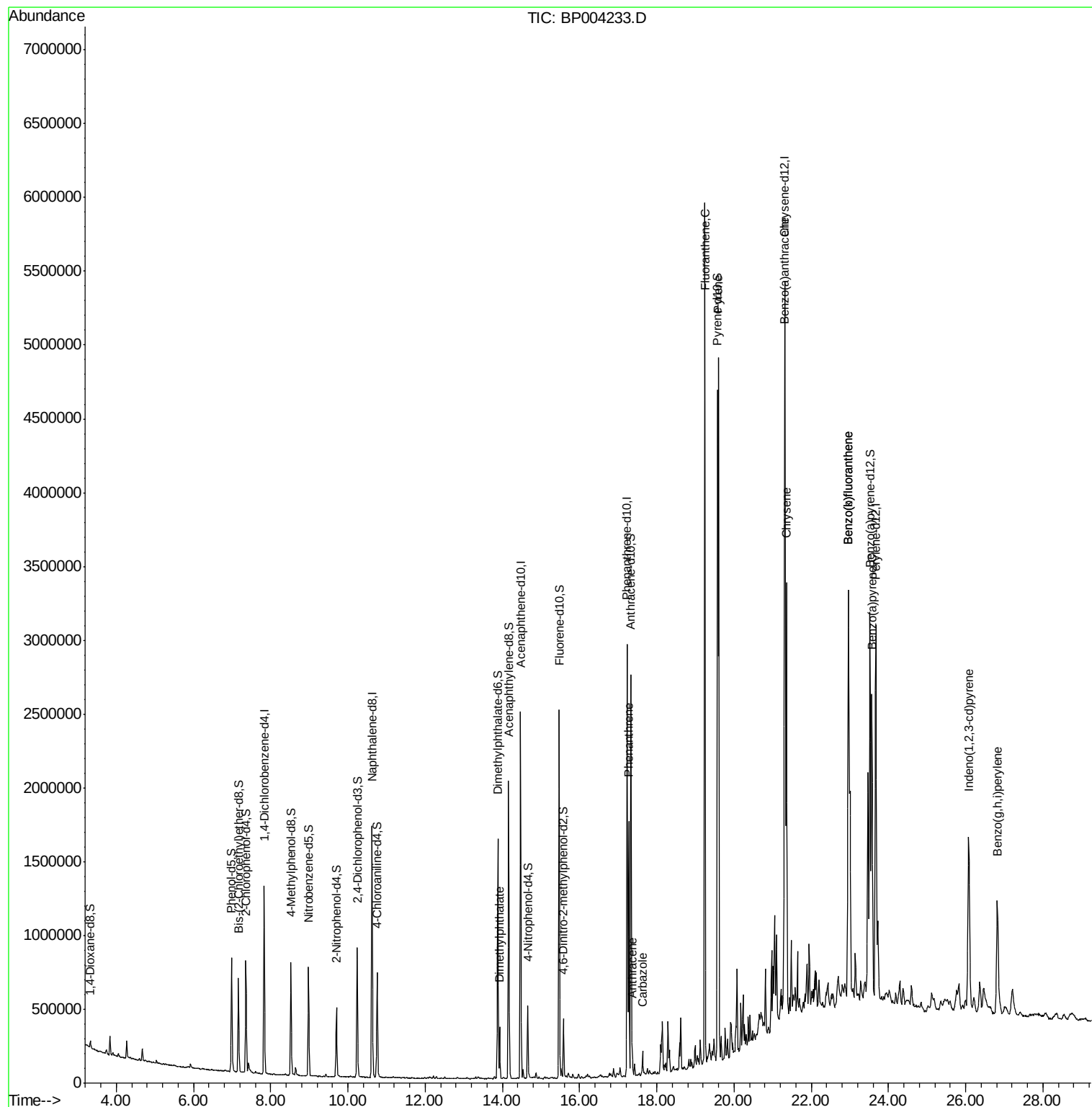
					Ovalue
45) Dimethylphthalate	13.93	163	222345	3.391	ng/ul 99
70) Phenanthrene	17.27	178	1016794	9.448	ng/ul 100
72) Anthracene	17.36	178	125231	1.176	ng/ul 98
75) Carbazole	17.63	167	102367	1.181	ng/ul 97
77) Fluoranthene	19.24	202	3275468	28.503	ng/ul 98
80) Pyrene	19.60	202	2785489	21.524	ng/ul 99
83) Benzo(a)anthracene	21.30	228	1420596	11.234	ng/ul 97
85) Chrysene	21.36	228	1689415	13.618	ng/ul 99
88) Benzo(b)fluoranthene	22.96	252	2472100	19.152	ng/ul 98
89) Benzo(k)fluoranthene	22.96	252	2472100	18.648	ng/ul 98
91) Benzo(a)pyrene	23.57	252	1537193	12.762	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	26.08	276	1193659	7.902	ng/ul 97
94) Benzo(g,h,i)perylene	26.82	276	1031691	8.141	ng/ul 99

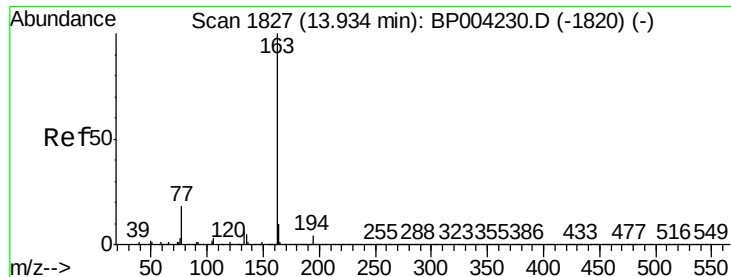
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121220\
Data File : BP004233.D
Acq On : 11 Dec 2020 18:03
Operator : CG/JU
Sample : L5000-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54A3

Quant Time: Dec 11 23:58:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 3.391 ng/ul

RT: 13.93 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BP004233.D

Acq: 11 Dec 2020 18:03

Instrument :

BNA_P

ClientSampleId :

A54A3

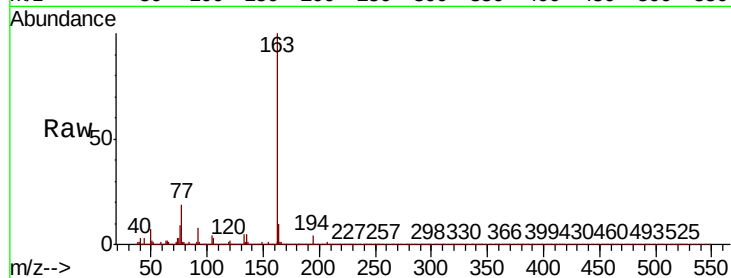
Tot Ion:163 Resp: 222345

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.2

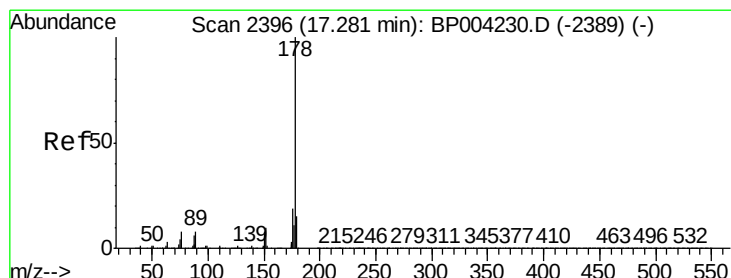
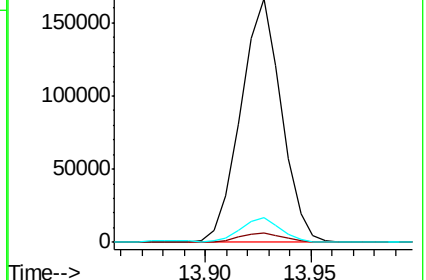
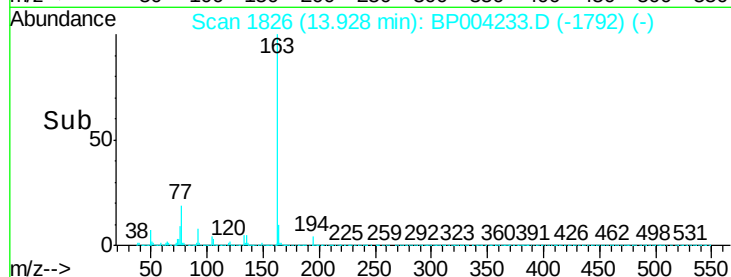
164 10.2 8.4 12.6



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: 9.448 ng/ul

RT: 17.27 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BP004233.D

Acq: 11 Dec 2020 18:03

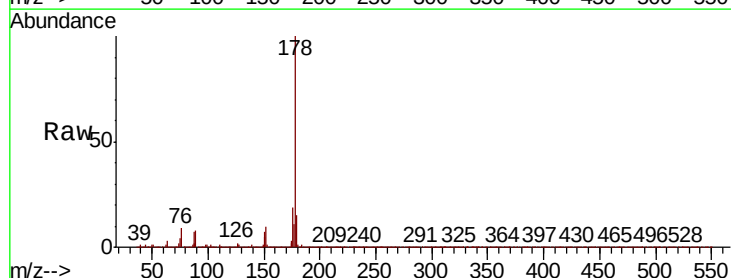
Tgt Ion:178 Resp: 1016794

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

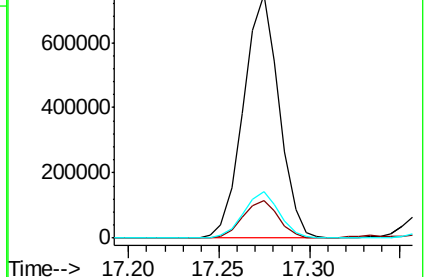
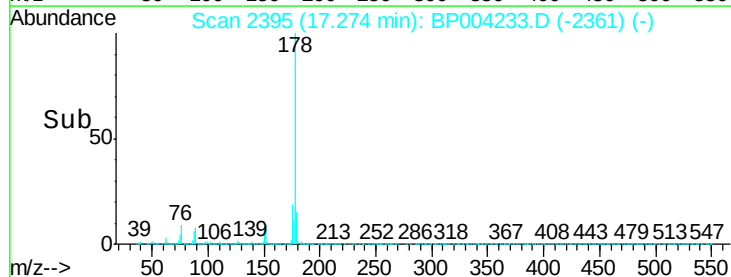
176 19.3 15.4 23.0

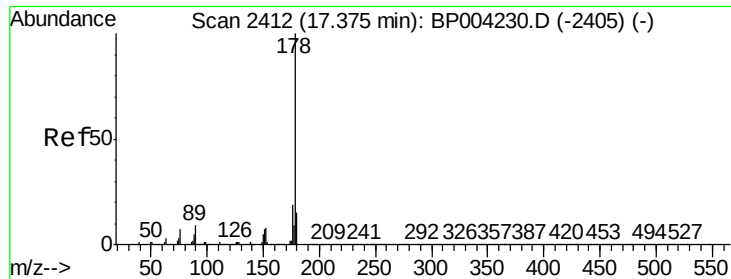


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.176 ng/ul

RT: 17.36 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BP004233.D

Acq: 11 Dec 2020 18:03

Instrument :

BNA_P

ClientSampleId :

A54A3

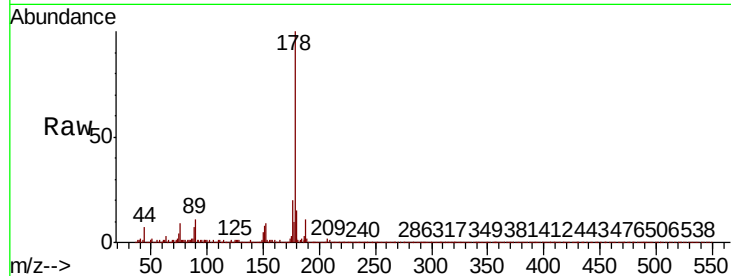
Tot Ion:178 Resp: 125231

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

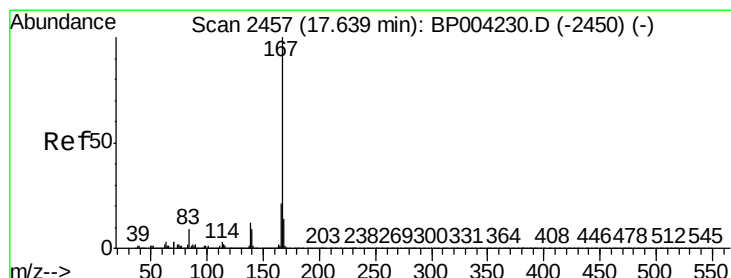
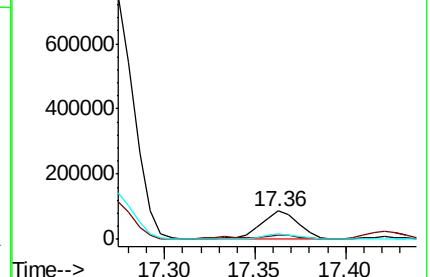
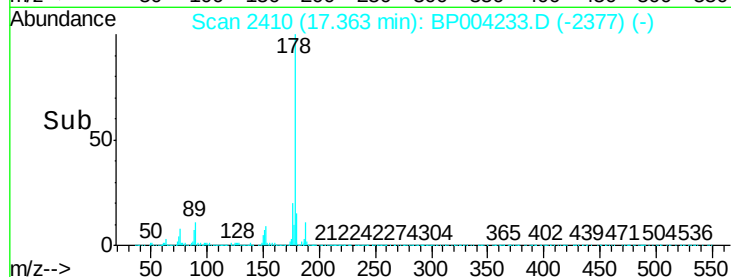
176 19.8 14.9 22.3



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



#75

Carbazole

Concen: 1.181 ng/ul

RT: 17.63 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BP004233.D

Acq: 11 Dec 2020 18:03

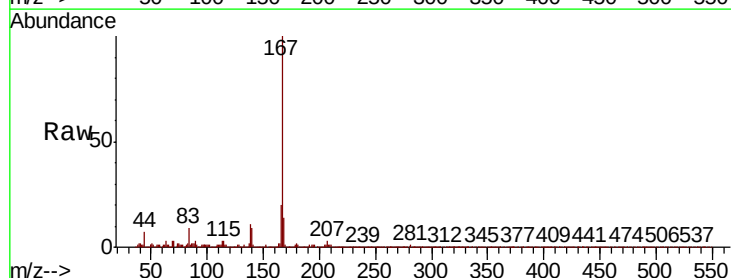
Tgt Ion:167 Resp: 102367

Ion Ratio Lower Upper

167 100

166 20.0 17.1 25.7

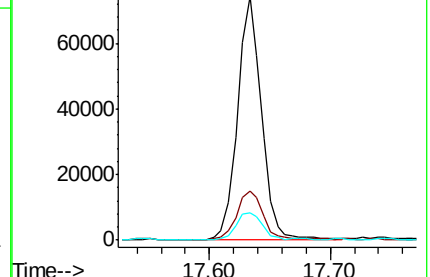
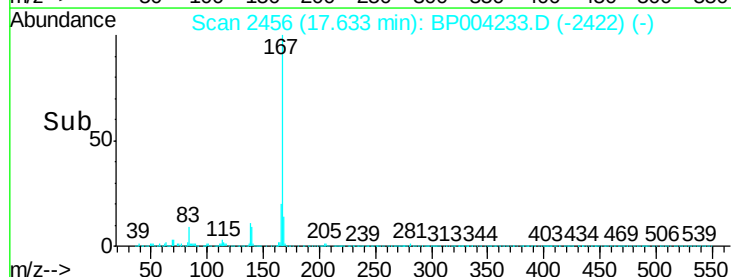
139 11.4 9.8 14.6

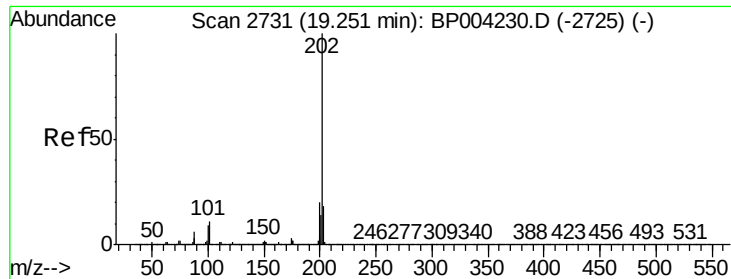


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

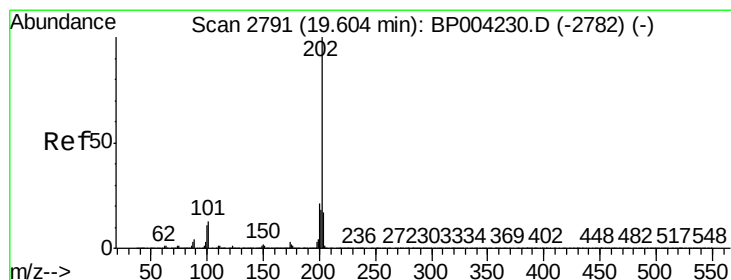
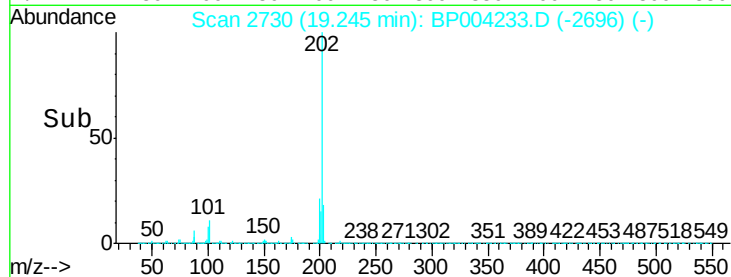
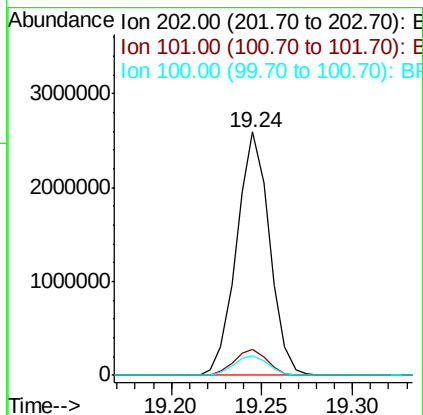
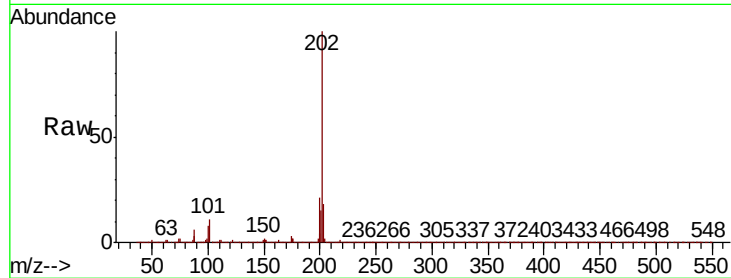




#77
Fluoranthene
Concen: 28.503 ng/ul
RT: 19.24 min Scan# 2730
Delta R.T. -0.00 min
Lab File: BP004233.D
Acq: 11 Dec 2020 18:03

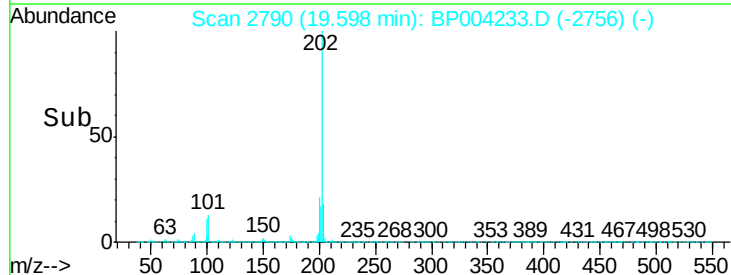
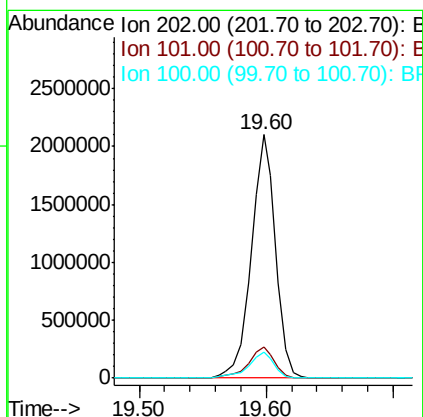
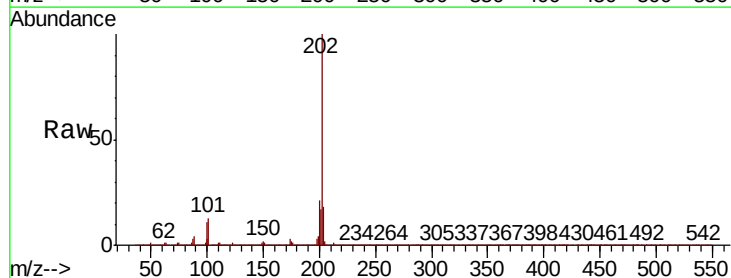
Instrument :
BNA_P
ClientSampleId :
A54A3

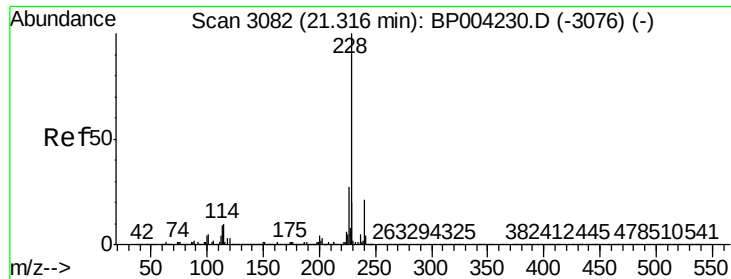
Tot Ion:202 Resp: 3275468
Ion Ratio Lower Upper
202 100
101 10.9 9.1 13.7
100 8.2 7.1 10.7



#80
Pyrene
Concen: 21.524 ng/ul
RT: 19.60 min Scan# 2790
Delta R.T. -0.00 min
Lab File: BP004233.D
Acq: 11 Dec 2020 18:03

Tgt Ion:202 Resp: 2785489
Ion Ratio Lower Upper
202 100
101 12.8 10.6 15.8
100 10.6 8.6 12.8





#83

Benzo(a)anthracene

Concen: 11.234 ng/ul

RT: 21.30 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BP004233.D

Acq: 11 Dec 2020 18:03

Instrument :

BNA_P

ClientSampled :

A54A3

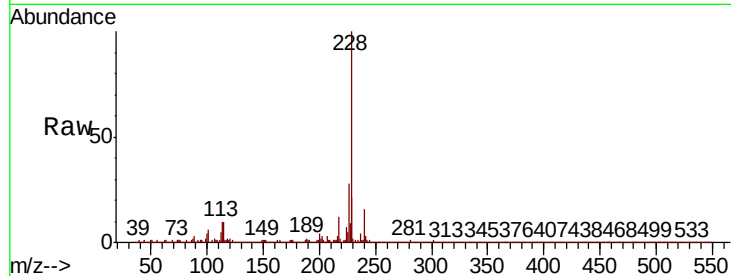
Tot Ion:228 Resp: 1420596

Ion Ratio Lower Upper

228 100

229 21.2 15.8 23.8

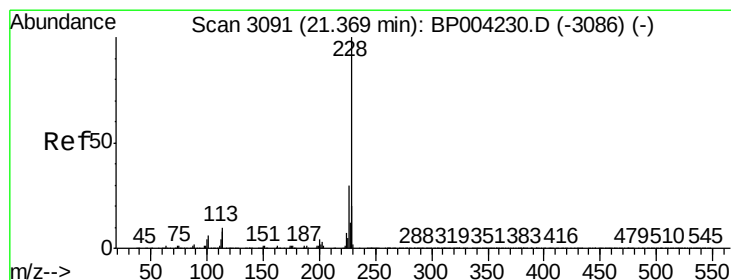
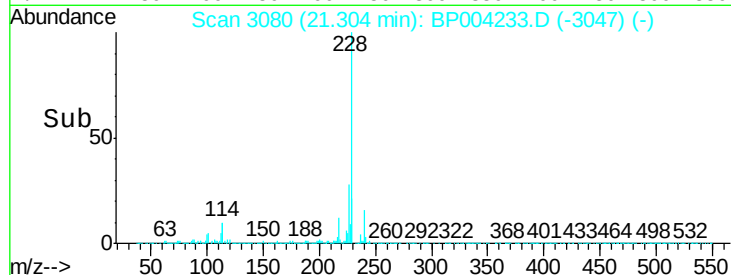
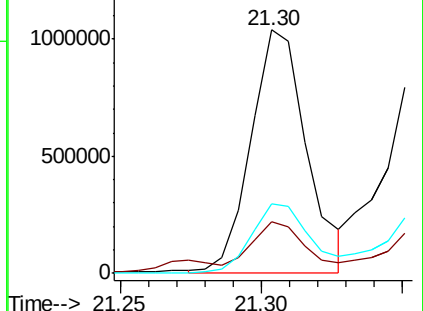
226 28.5 21.7 32.5



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: 13.618 ng/ul

RT: 21.36 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BP004233.D

Acq: 11 Dec 2020 18:03

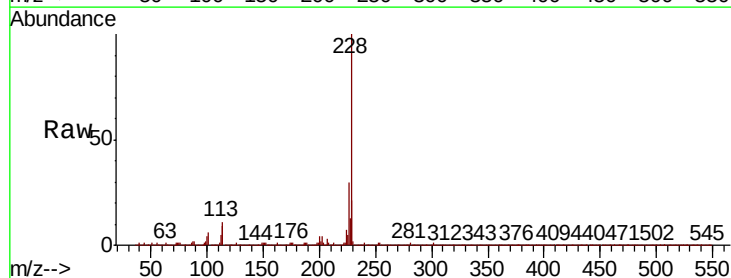
Tgt Ion:228 Resp: 1689415

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

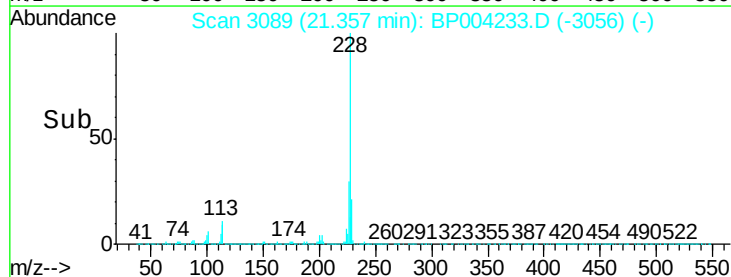
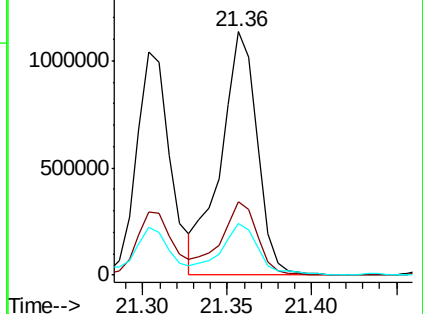
229 21.2 15.8 23.8

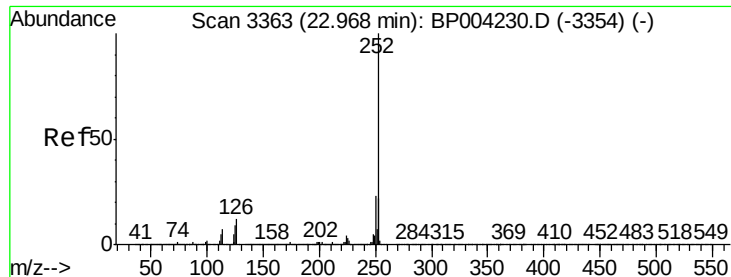


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 19.152 ng/ul

RT: 22.96 min Scan# 3362

Delta R.T. -0.00 min

Lab File: BP004233.D

Acq: 11 Dec 2020 18:03

Instrument :

BNA_P

ClientSampleId :

A54A3

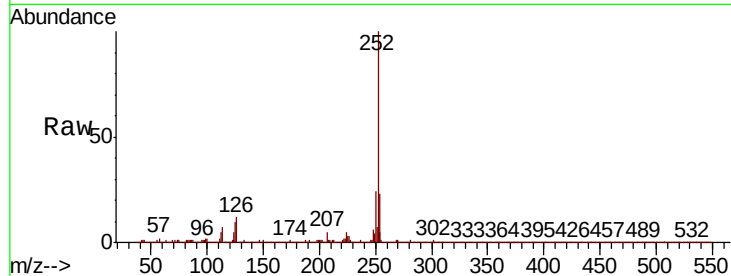
Tot Ion:252 Resp: 2472100

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

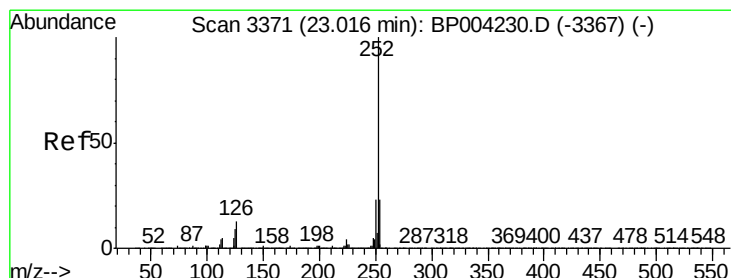
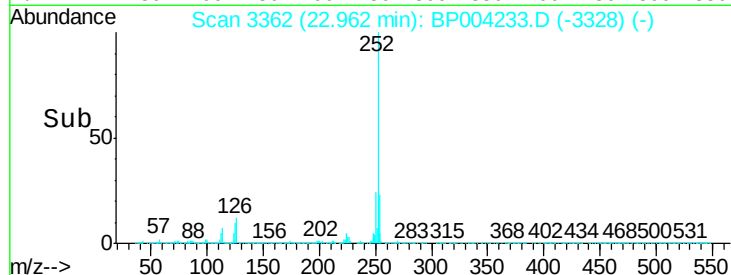
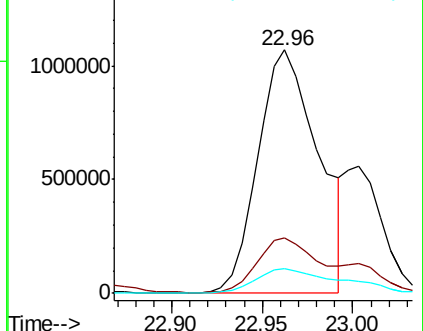
125 10.2 7.7 11.5



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: 18.648 ng/ul

RT: 22.96 min Scan# 3362

Delta R.T. -0.05 min

Lab File: BP004233.D

Acq: 11 Dec 2020 18:03

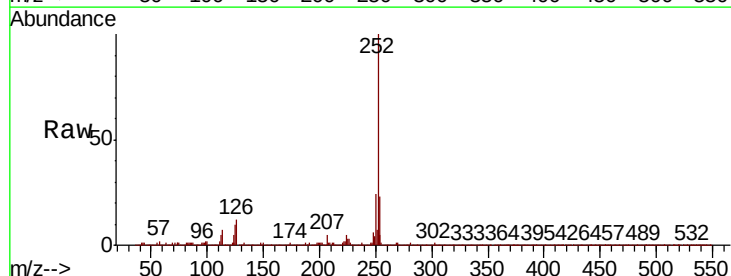
Tgt Ion:252 Resp: 2472100

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

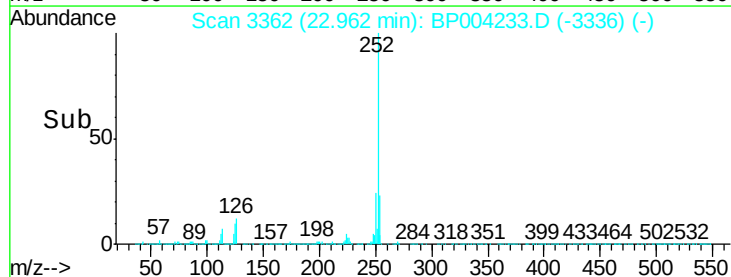
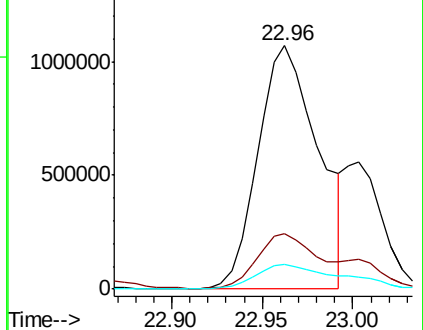
125 10.2 7.3 10.9

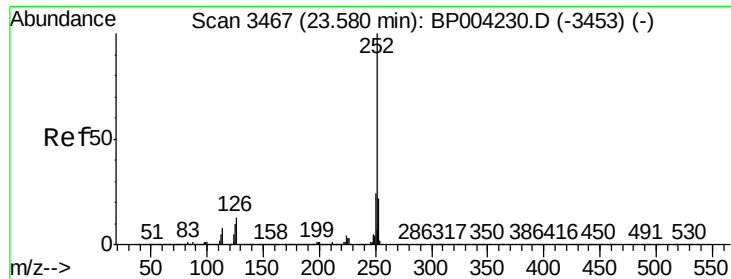


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 12.762 ng/ul

RT: 23.57 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BP004233.D

Acq: 11 Dec 2020 18:03

Instrument :

BNA_P

ClientSampleId :

A54A3

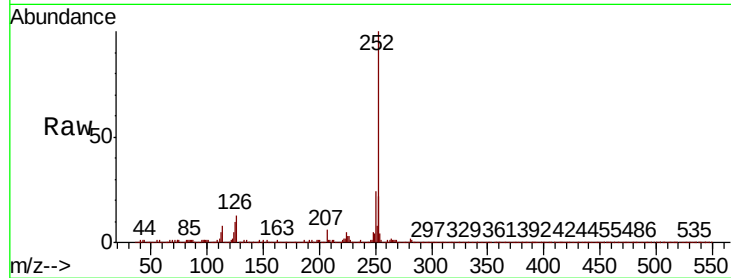
Tot Ion:252 Resp: 1537193

Ion Ratio Lower Upper

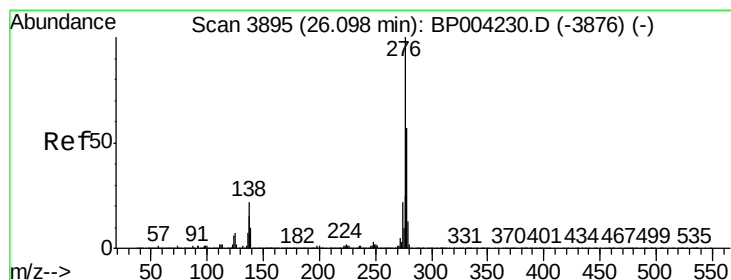
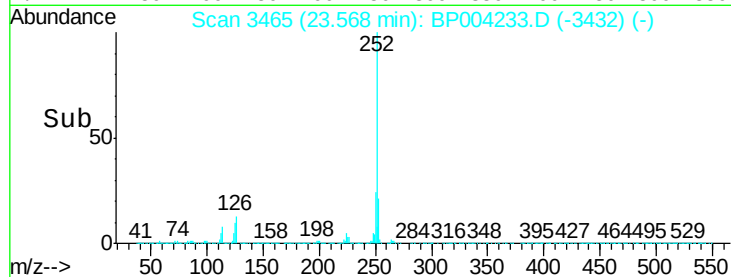
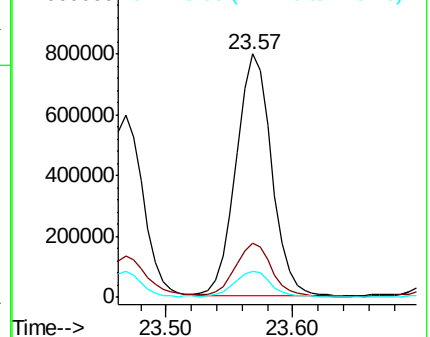
252 100

253 22.5 17.3 25.9

125 10.4 7.8 11.6



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 7.902 ng/ul

RT: 26.08 min Scan# 3892

Delta R.T. -0.01 min

Lab File: BP004233.D

Acq: 11 Dec 2020 18:03

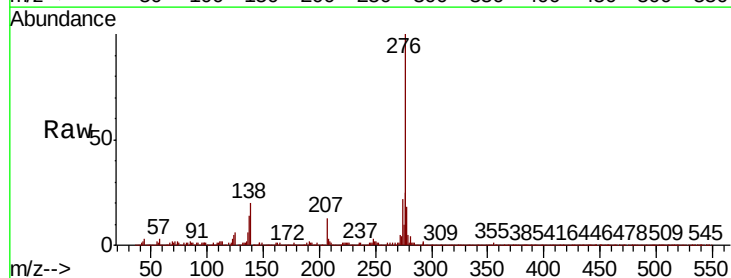
Tgt Ion:276 Resp: 1193659

Ion Ratio Lower Upper

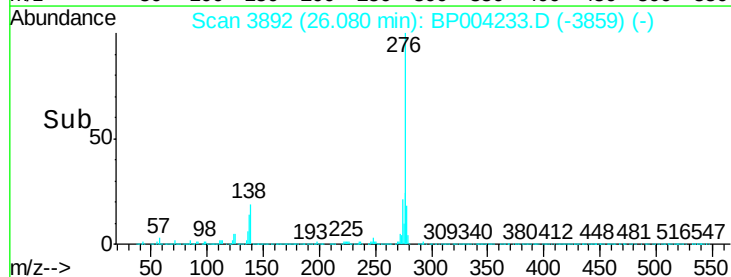
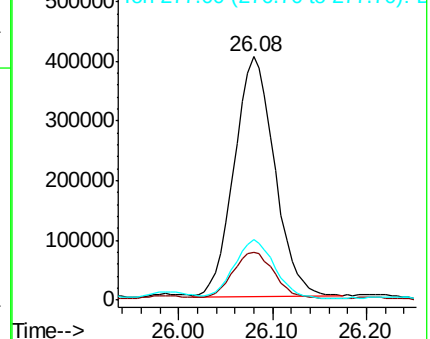
276 100

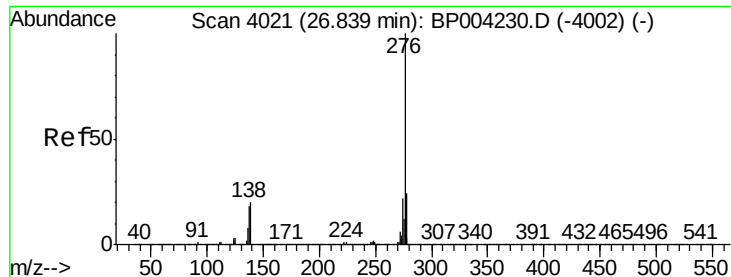
138 19.7 17.8 26.6

277 24.6 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 8.141 ng/ul

RT: 26.82 min Scan# 4017

Delta R.T. -0.01 min

Lab File: BP004233.D

Acq: 11 Dec 2020 18:03

Instrument :

BNA_P

ClientSampleId :

A54A3

Tot Ion:276 Resp: 1031691

Ion Ratio Lower Upper

276 100

138 20.6 16.6 25.0

277 24.2 18.5 27.7

