

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP031220\
 Data File : BP002183.D
 Acq On : 12 Mar 2020 14:47
 Operator : CG/JU
 Sample : L1786-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AC6

Quant Time: Mar 13 02:08:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 12 13:49:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	306082	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1313021	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	819437	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1778945	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	1753603	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	2051591	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	10243	1.44	ng/uL	0.00
5) Phenol-d5	6.81	99	157817	6.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	109318	8.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	144719	7.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	123841	6.45	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	65538	6.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	67149	5.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	130314	5.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	160418	6.69	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	466142	7.52	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	461767	6.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	29748	2.51	ng/ul	0.00
58) Fluorene-d10	15.26	176	403734	7.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	30791	3.14	ng/ul	0.00
71) Anthracene-d10	17.12	188	572549	7.16	ng/ul	0.00
79) Pyrene-d10	19.36	212	650728	7.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	672358	6.41	ng/ul	0.00

Target Compounds

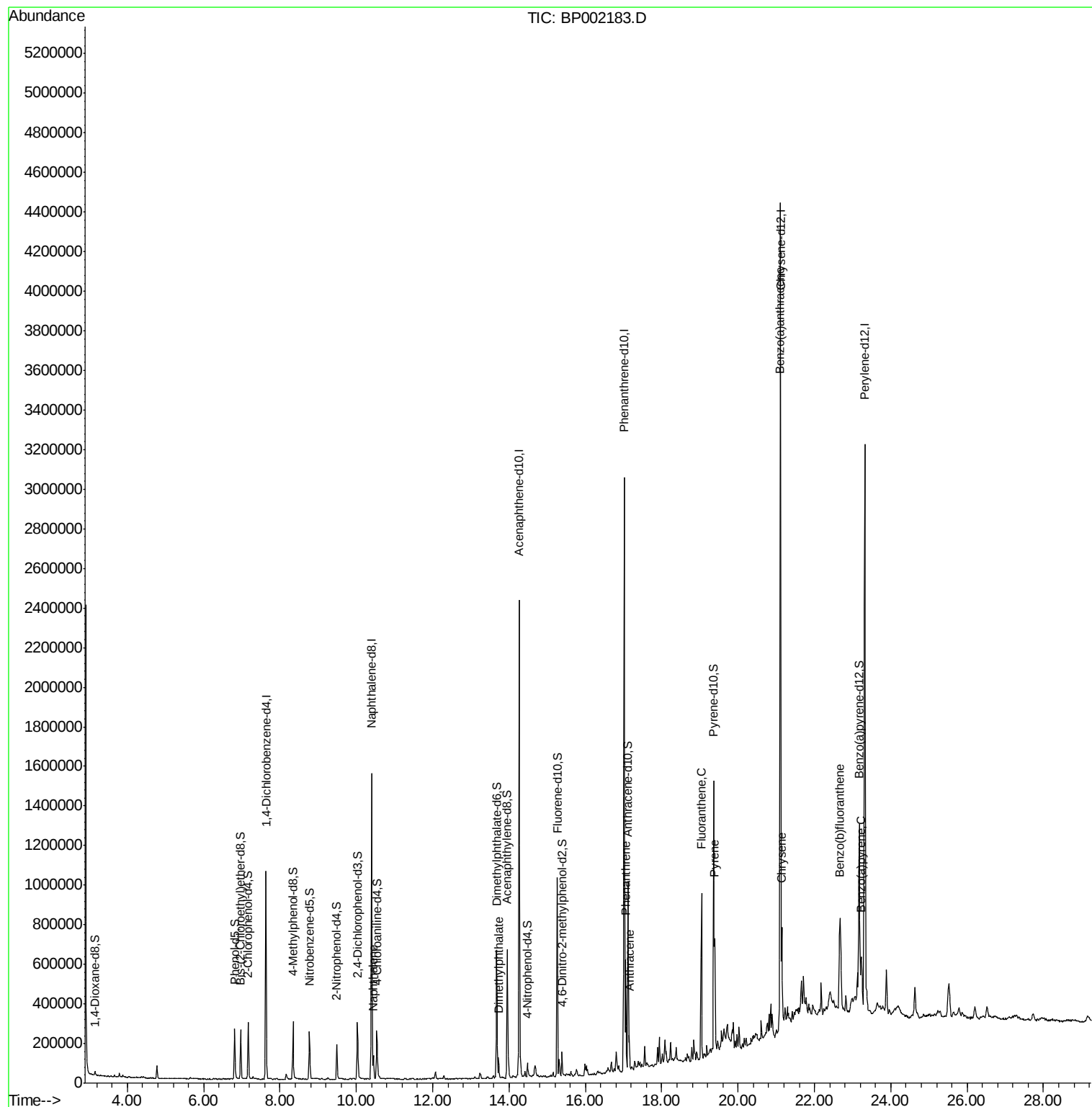
					Ovalue
28) Naphthalene	10.45	128	98143	1.395 ng/ul	98
45) Dimethylphthalate	13.72	163	68490	1.070 ng/ul	98
70) Phenanthrene	17.06	178	333484	3.403 ng/ul	98
72) Anthracene	17.15	178	103183	1.063 ng/ul	100
77) Fluoranthene	19.04	202	521256	4.611 ng/ul	99
80) Pyrene	19.39	202	383648	3.213 ng/ul	99
83) Benzo(a)anthracene	21.10	228	329324	2.776 ng/ul	96
85) Chrysene	21.14	228	270452	2.389 ng/ul	98
88) Benzo(b)fluoranthene	22.66	252	367843	2.859 ng/ul	98
91) Benzo(a)pyrene	23.22	252	189857	1.625 ng/ul	98

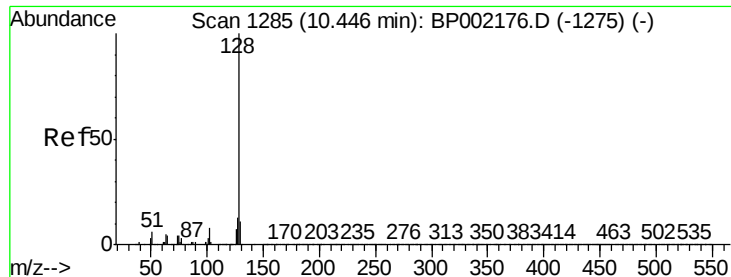
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 1.395 ng/ul

RT: 10.45 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BP002183.D

Acq: 12 Mar 2020 14:47

Instrument :

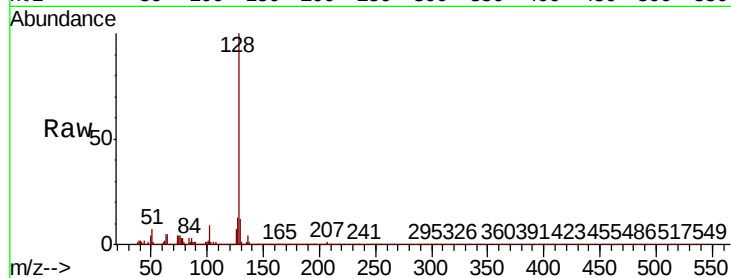
BNA_P

ClientSampleId :

C0AC6

Tot Ion:128 Resp: 98143

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.8	13.2
127	13.0	10.2	15.2

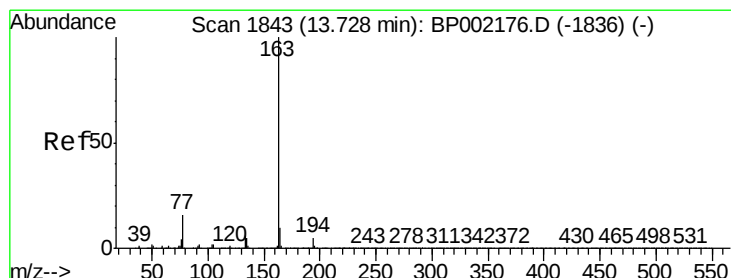
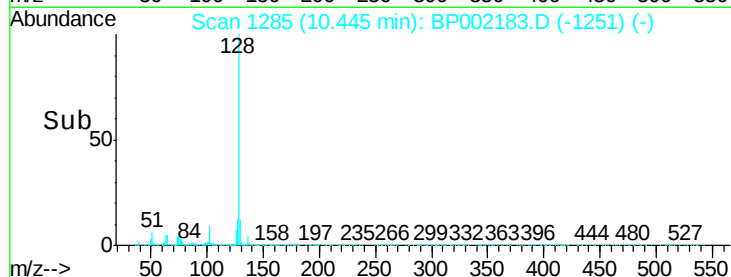
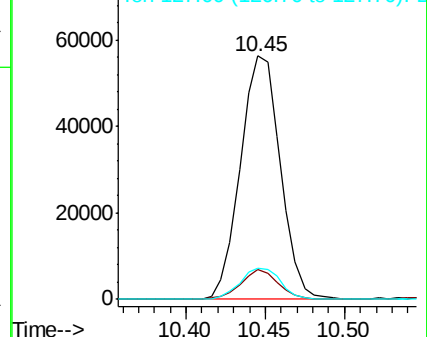


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#45

Dimethylphthalate

Concen: 1.070 ng/ul

RT: 13.72 min Scan# 1842

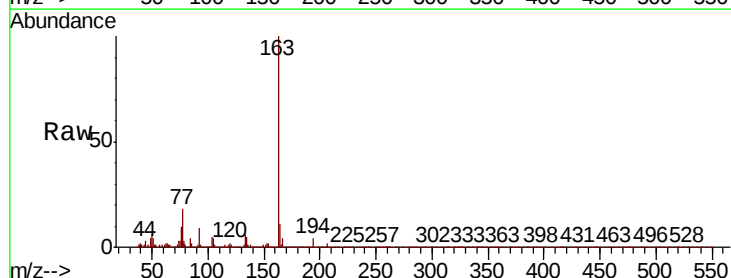
Delta R.T. -0.01 min

Lab File: BP002183.D

Acq: 12 Mar 2020 14:47

Tgt Ion:163 Resp: 68490

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	11.0	8.2	12.4

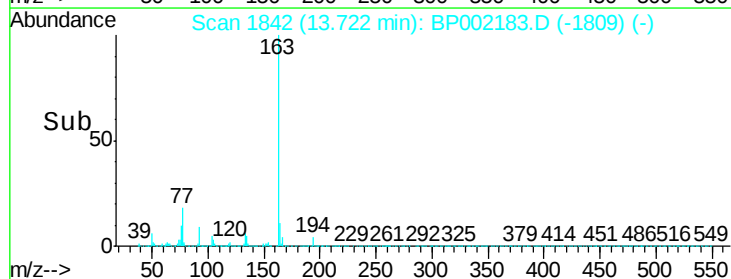
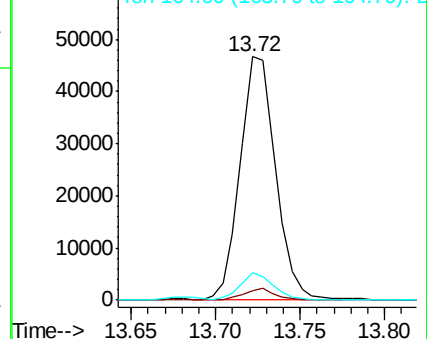


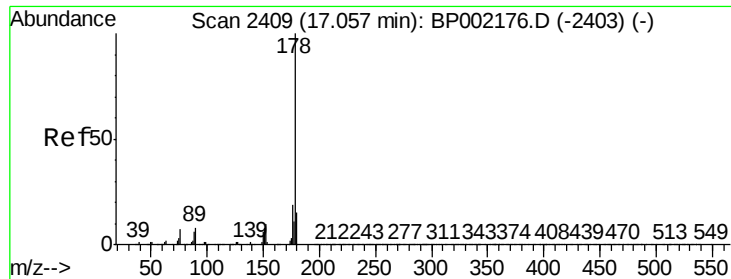
Abundance

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

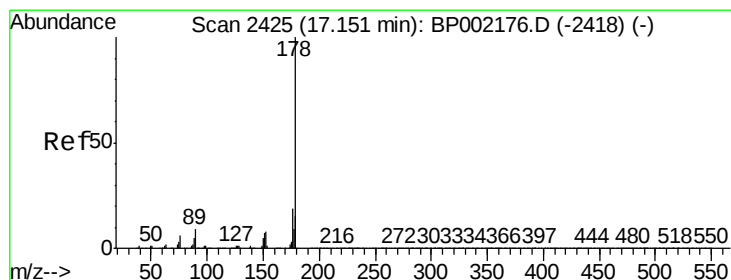
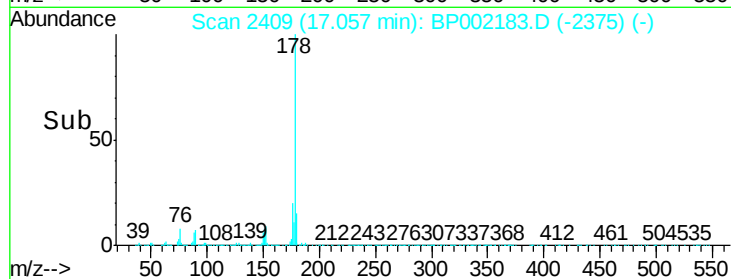
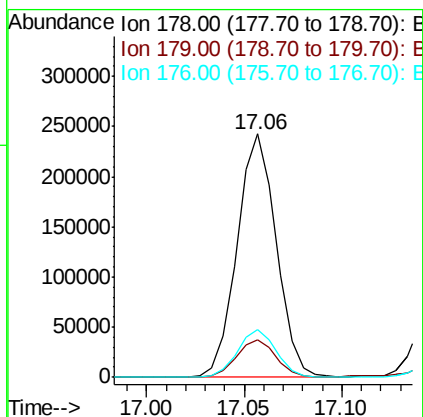
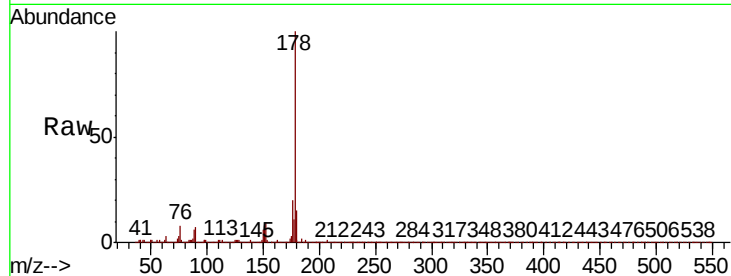




#70
Phenanthrene
Concen: 3.403 ng/ul
RT: 17.06 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BP002183.D
Acq: 12 Mar 2020 14:47

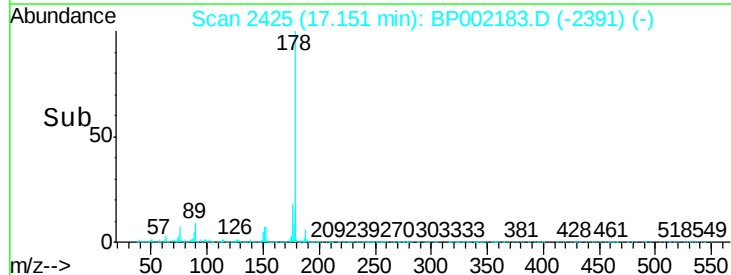
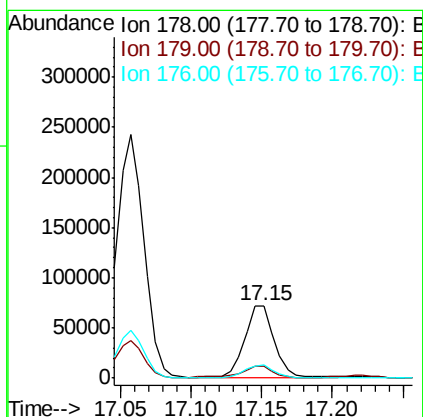
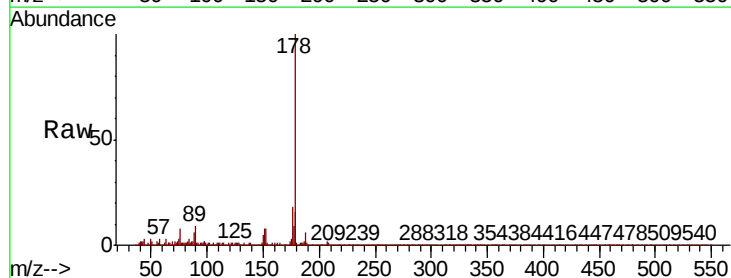
Instrument :
BNA_P
ClientSampleId :
C0AC6

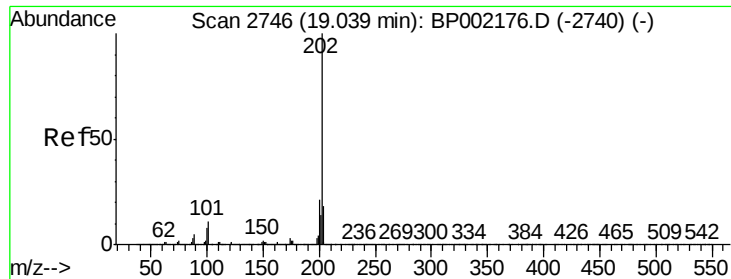
Tot Ion:178 Resp: 333484
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.8 14.9 22.3



#72
Anthracene
Concen: 1.063 ng/ul
RT: 17.15 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BP002183.D
Acq: 12 Mar 2020 14:47

Tgt Ion:178 Resp: 103183
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 18.2 14.6 22.0





#77

Fluoranthene

Concen: 4.611 ng/ul

RT: 19.04 min Scan# 2746

Delta R.T. -0.00 min

Lab File: BP002183.D

Acq: 12 Mar 2020 14:47

Instrument :

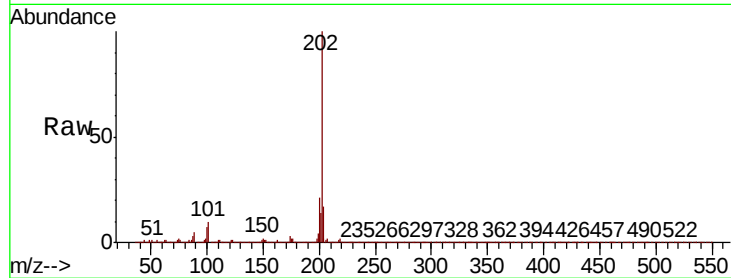
BNA_P

ClientSampleId :

C0AC6

Tot Ion:202 Resp: 521256

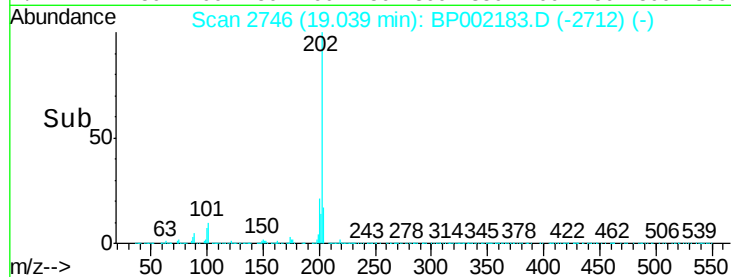
Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.2	12.2
100	7.4	6.3	9.5



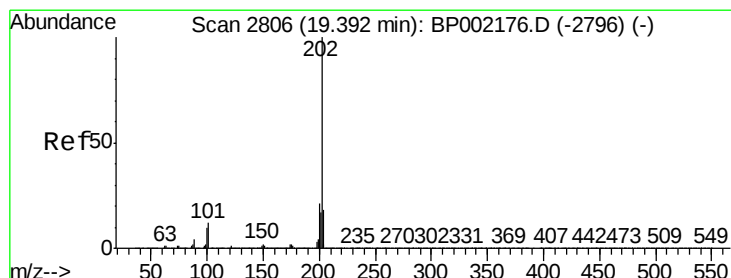
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BF



Time-->



#80

Pyrene

Concen: 3.213 ng/ul

RT: 19.39 min Scan# 2805

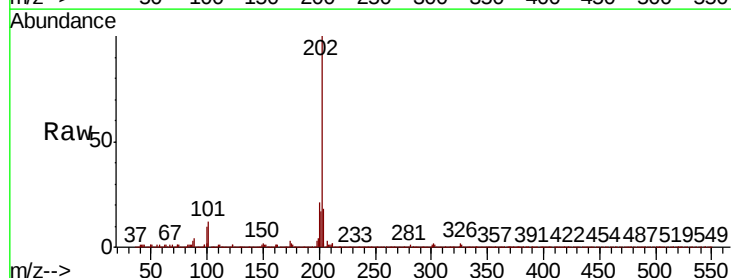
Delta R.T. -0.01 min

Lab File: BP002183.D

Acq: 12 Mar 2020 14:47

Tgt Ion:202 Resp: 383648

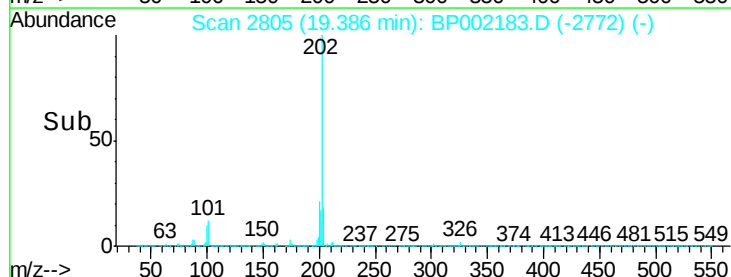
Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.3	13.9
100	10.2	7.6	11.4



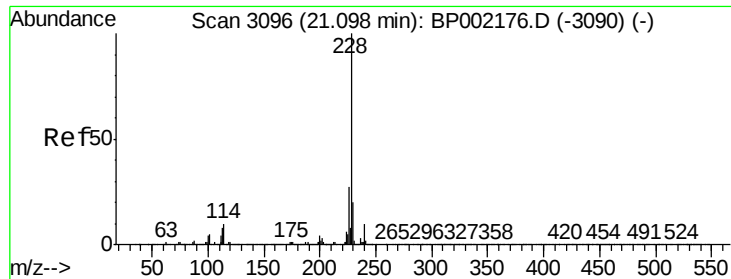
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BF



Time-->



#83

Benzo(a)anthracene

Concen: 2.776 ng/ul

RT: 21.10 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BP002183.D

Acq: 12 Mar 2020 14:47

Instrument :

BNA_P

ClientSampleId :

C0AC6

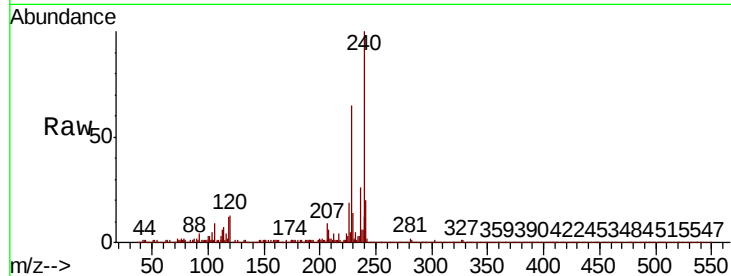
Tot Ion:228 Resp: 329324

Ion Ratio Lower Upper

228 100

229 20.7 15.7 23.5

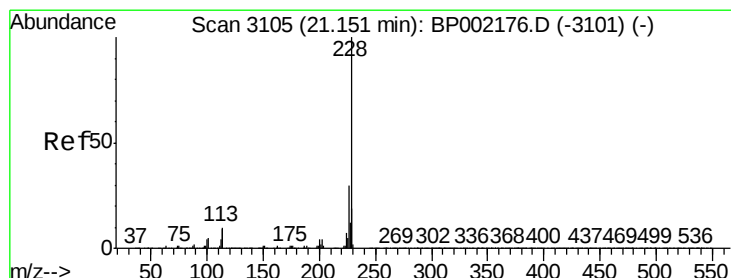
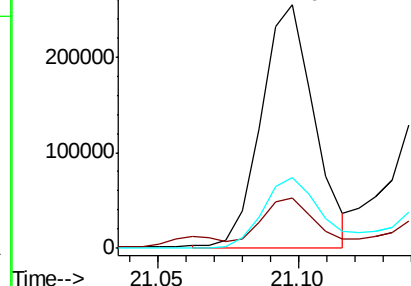
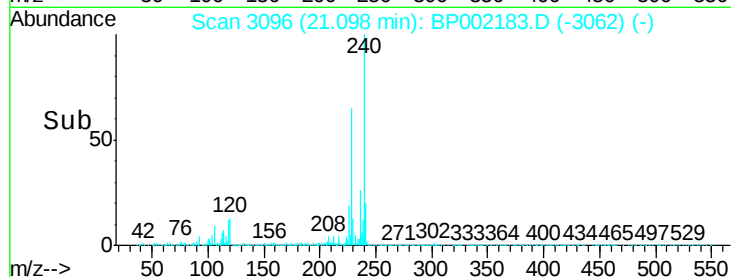
226 29.2 21.4 32.0



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: 2.389 ng/ul

RT: 21.14 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BP002183.D

Acq: 12 Mar 2020 14:47

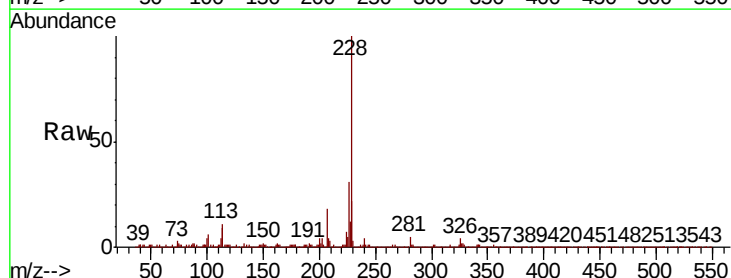
Tgt Ion:228 Resp: 270452

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

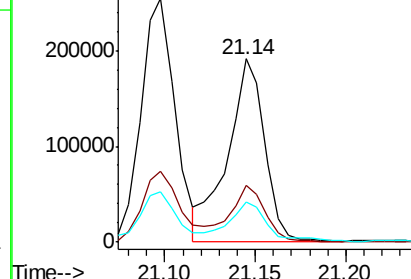
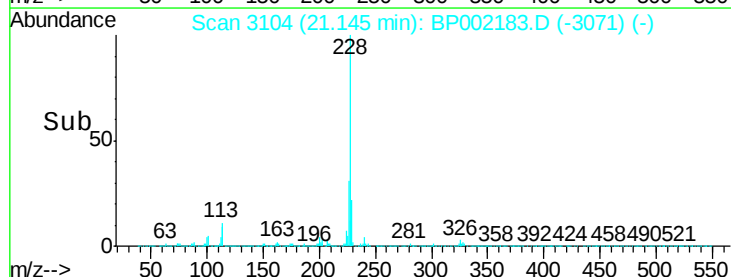
229 22.0 15.9 23.9

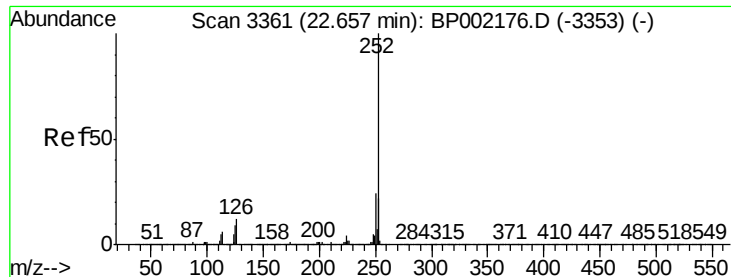


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 2.859 ng/ul

RT: 22.66 min Scan# 3361

Delta R.T. -0.00 min

Lab File: BP002183.D

Acq: 12 Mar 2020 14:47

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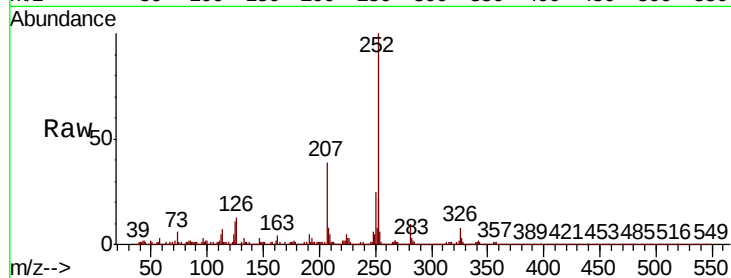
Tot Ion:252 Resp: 367843

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

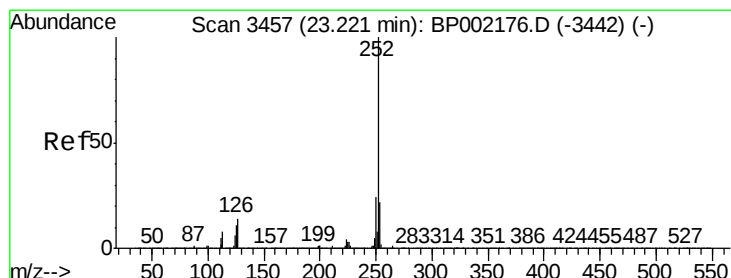
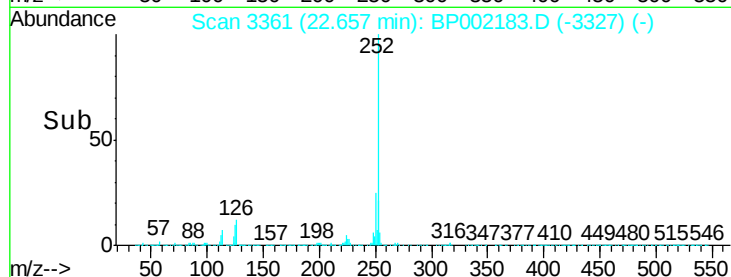
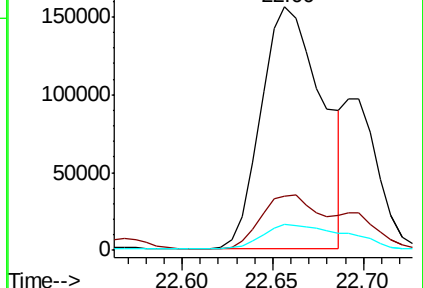
125 10.8 7.4 11.0



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: 1.625 ng/ul

RT: 23.22 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BP002183.D

Acq: 12 Mar 2020 14:47

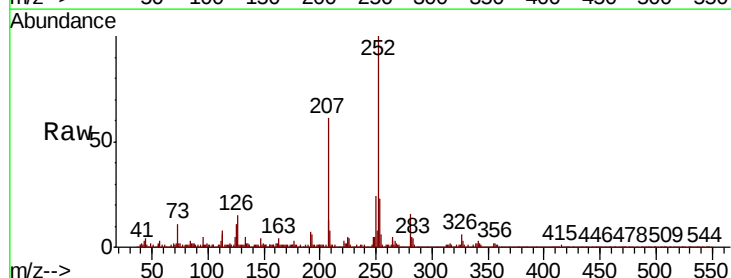
Tgt Ion:252 Resp: 189857

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

125 10.7 8.2 12.2



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

