

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091219\
 Data File : BP000209.D
 Acq On : 12 Sep 2019 10:52
 Operator : HP/JU
 Sample : K4634-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 13 01:46:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	2155395	20.00	ng/ul	0.00
18) Naphthalene-d8	8.19	136	7064245	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.96	164	4207865	20.00	ng/ul	0.02
62) Phenanthrene-d10	11.47	188	7111089	20.00	ng/ul	0.02
78) Chrysene-d12	14.19	240	6094417	20.00	ng/ul	0.05
86) Perylene-d12	15.77	264	7421951	20.00	ng/ul	0.08

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.60	96	22461	0.37	ng/uL	0.00
5) Phenol-d5	6.51	99	407005	2.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	213932	2.23	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	344376	2.32	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	307815	2.23	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	158746	2.96	ng/ul	0.00
22) 2-Nitrophenol-d4	7.77	143	165705	3.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	308810	2.79	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	192379	1.40	ng/ul	0.00
44) Dimethylphthalate-d6	9.64	166	867096	2.79	ng/ul	0.00
47) Acenaphthylene-d8	9.80	160	1047186	2.73	ng/ul	0.00
52) 4-Nitrophenol-d4	10.05	143	103564	1.87	ng/ul	0.01
58) Fluorene-d10	10.47	176	711869	2.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.55	200	53490	1.64	ng/ul	0.02
71) Anthracene-d10	11.52	188	961215	2.79	ng/ul	0.01
79) Pyrene-d10	12.92	212	929016	2.56	ng/ul	0.02
90) Benzo(a)pyrene-d12	15.64	264	839316	2.18	ng/ul	0.05

Target Compounds

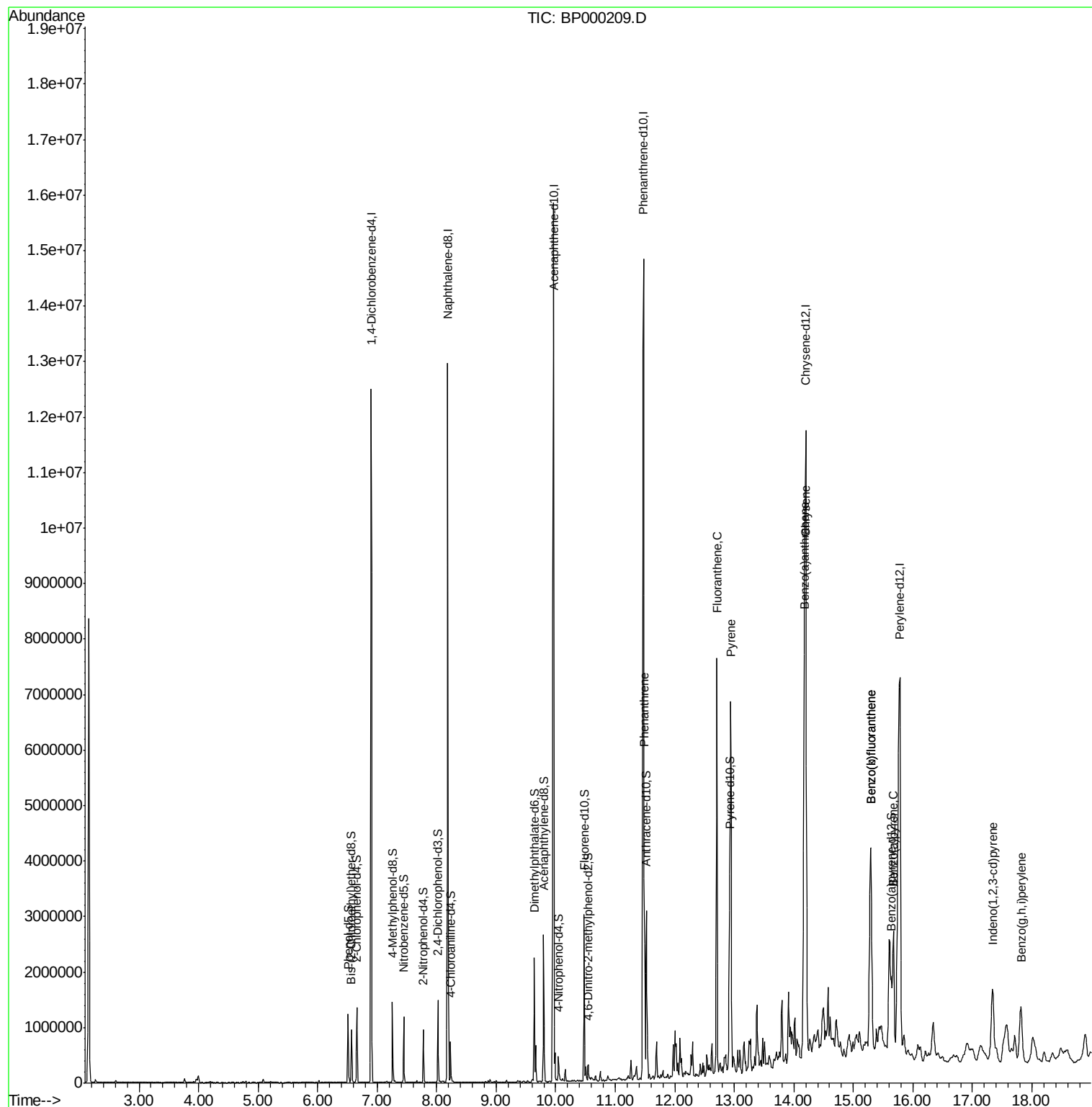
					Ovalue
70) Phenanthrene	11.49	178	1629139	3.874	ng/ul 100
77) Fluoranthene	12.70	202	3545498	8.359	ng/ul 99
80) Pyrene	12.94	202	3133228	6.814	ng/ul 95
83) Benzo(a)anthracene	14.17	228	1856298	4.208	ng/ul 96
85) Chrysene	14.21	228	1792378	4.428	ng/ul 98
88) Benzo(b)fluoranthene	15.29	252	3815632	7.757	ng/ul 98
89) Benzo(k)fluoranthene	15.29	252	3815632	8.229	ng/ul 98
91) Benzo(a)pyrene	15.67	252	1728971	3.746	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	17.33	276	1311505	2.470	ng/ul 98
94) Benzo(g,h,i)perylene	17.82	276	1261406	2.849	ng/ul 98

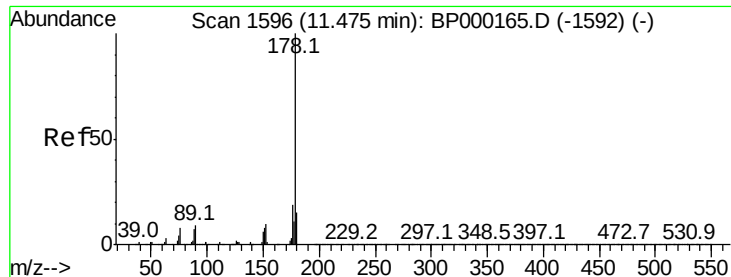
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration





#70

Phenanthrene

Concen: 3.874 ng/ul

RT: 11.49 min Scan# 1599

Delta R.T. 0.02 min

Lab File: BP000209.D

Acq: 12 Sep 2019 10:52

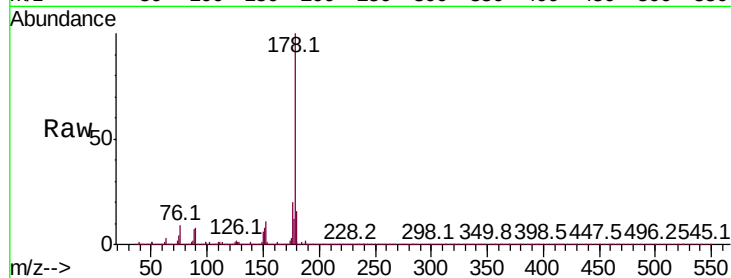
Instrument :

BNA_P

ClientSampled :

Tot Ion:178 Resp: 1629139

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	19.6	15.7	23.5

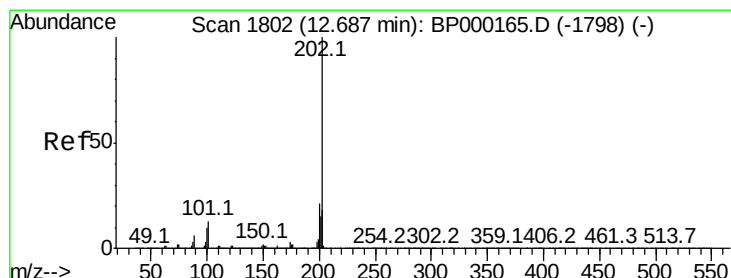
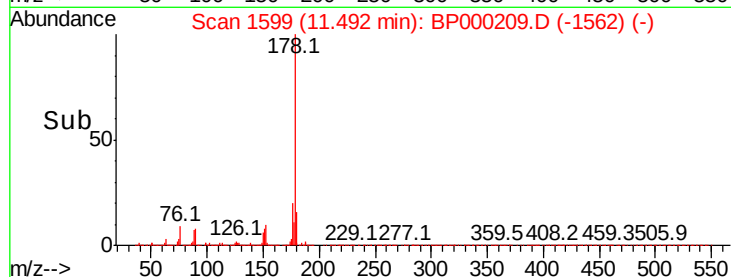
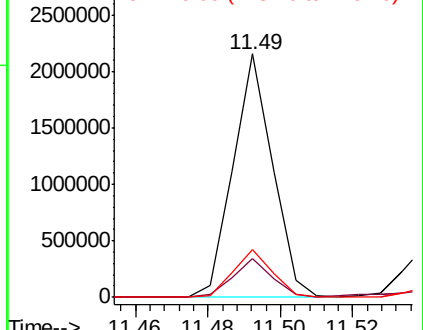


Abundance

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: 8.359 ng/ul

RT: 12.70 min Scan# 1805

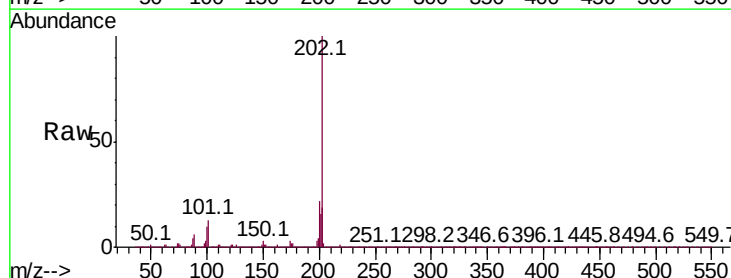
Delta R.T. 0.02 min

Lab File: BP000209.D

Acq: 12 Sep 2019 10:52

Tgt Ion:202 Resp: 3545498

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.0	15.0
100	9.9	7.4	11.2

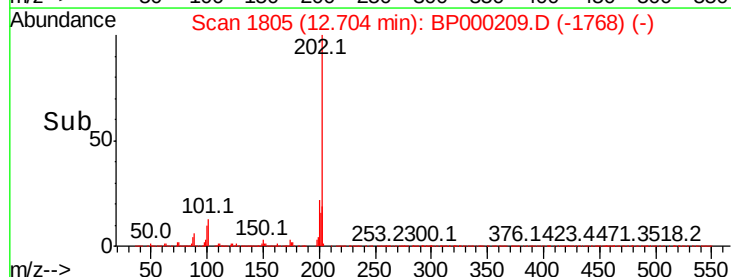
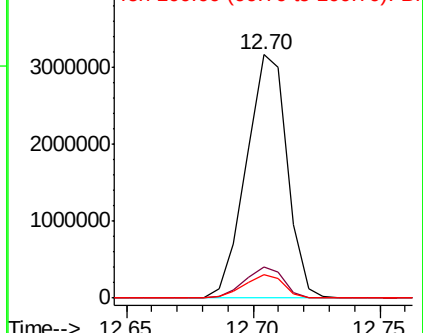


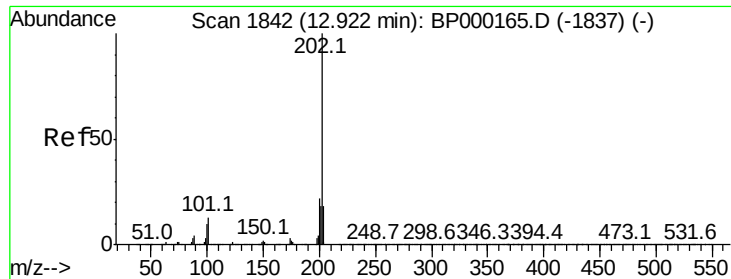
Abundance

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



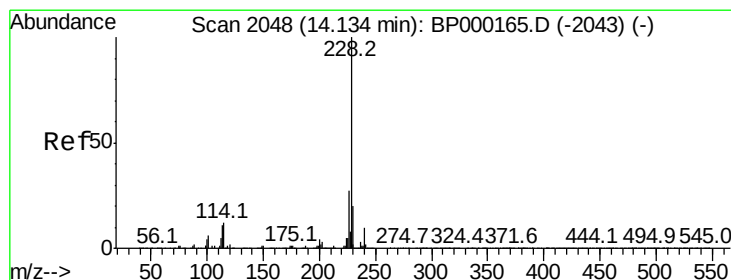
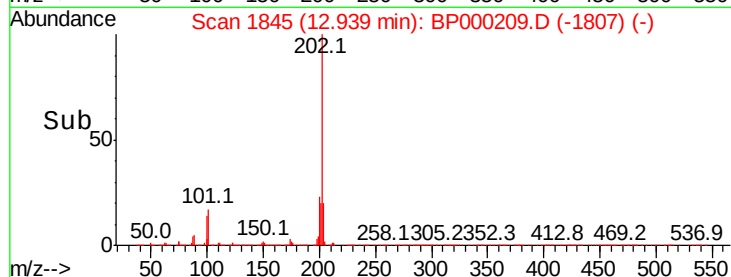
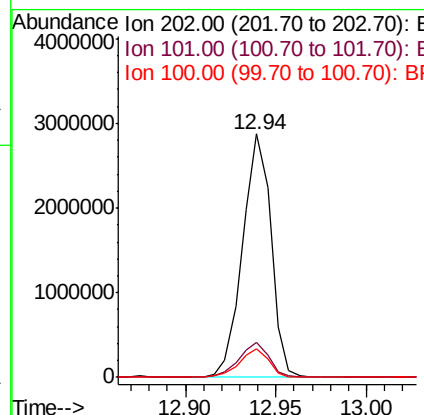
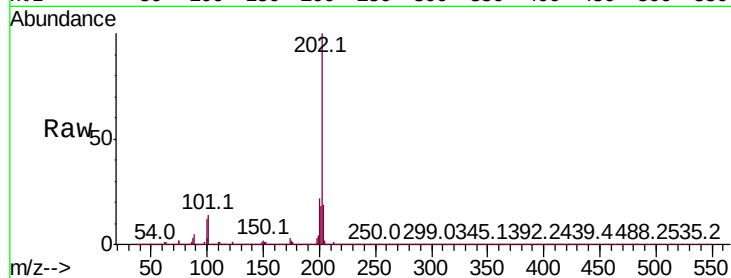


#80
 Pvrene
 Concen: 6.814 ng/ul
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.02 min
 Lab File: BP000209.D
 Acq: 12 Sep 2019 10:52

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:202 Resp: 3133228

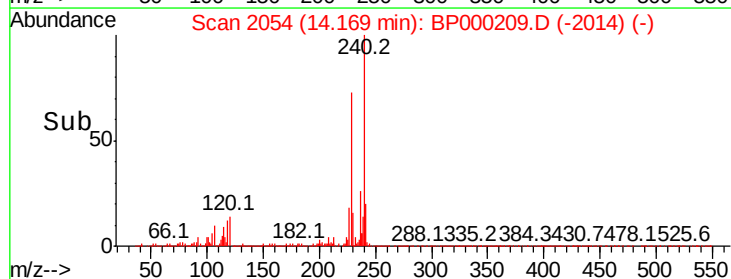
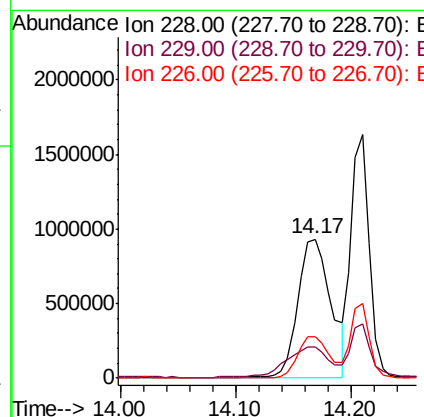
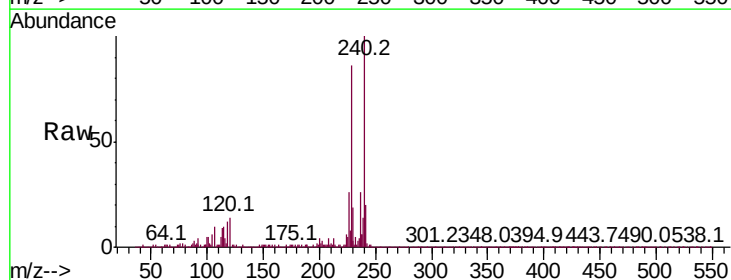
Ion	Ratio	Lower	Upper
202	100		
101	14.4	13.4	20.0
100	11.6	10.8	16.2

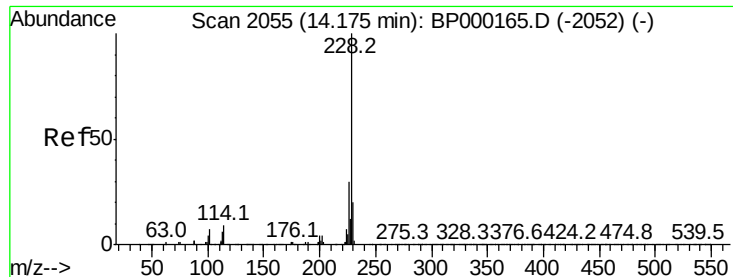


#83
 Benzo(a)anthracene
 Concen: 4.208 ng/ul
 RT: 14.17 min Scan# 2054
 Delta R.T. 0.04 min
 Lab File: BP000209.D
 Acq: 12 Sep 2019 10:52

Tgt Ion:228 Resp: 1856298

Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.9	23.9
226	29.7	22.1	33.1



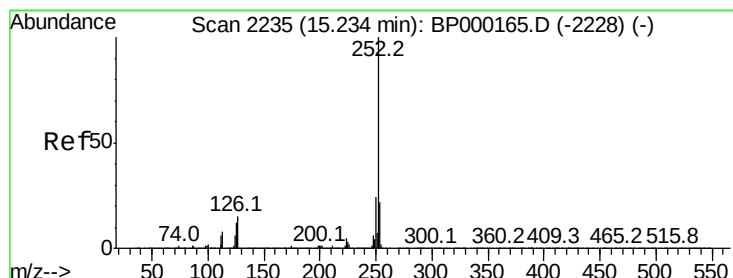
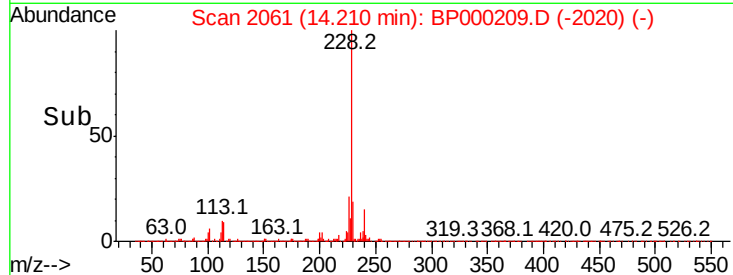
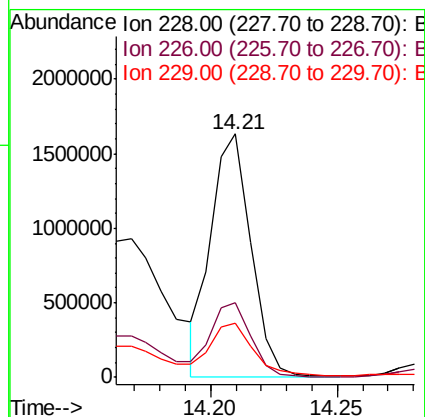
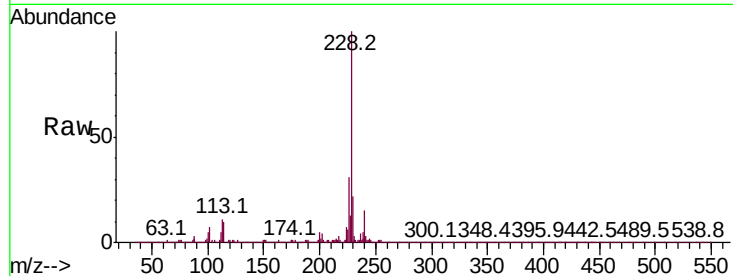


#85
 Chrysene
 Concen: 4.428 ng/ul
 RT: 14.21 min Scan# 2061
 Delta R.T. 0.04 min
 Lab File: BP000209.D
 Acq: 12 Sep 2019 10:52

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:228 Resp: 1792378

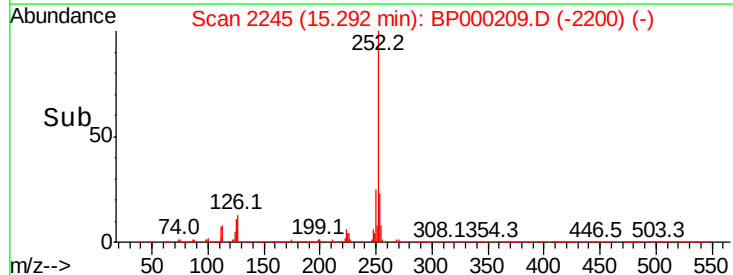
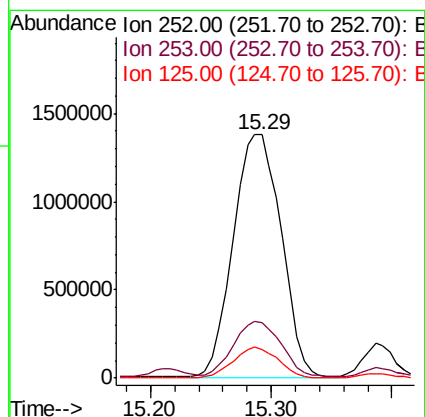
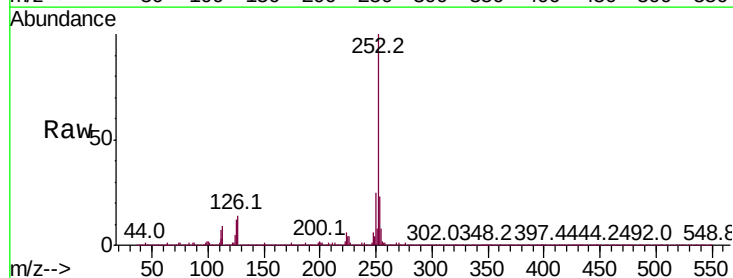
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	22.5	16.0	24.0

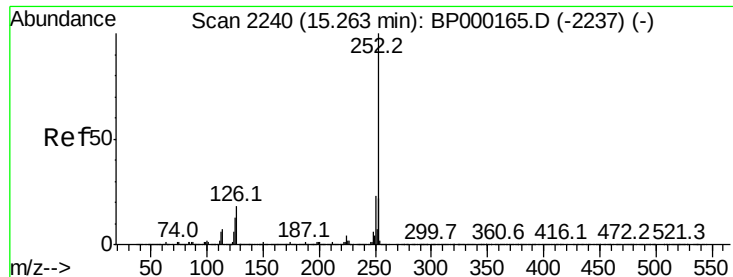


#88
 Benzo(b)fluoranthene
 Concen: 7.757 ng/ul
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.06 min
 Lab File: BP000209.D
 Acq: 12 Sep 2019 10:52

Tgt Ion:252 Resp: 3815632

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	11.6	9.9	14.9





#89

Benzo(k)fluoranthene

Concen: 8.229 ng/ul

RT: 15.29 min Scan# 2245

Delta R.T. 0.04 min

Lab File: BP000209.D

Acq: 12 Sep 2019 10:52

Instrument :

BNA_P

ClientSampleId :

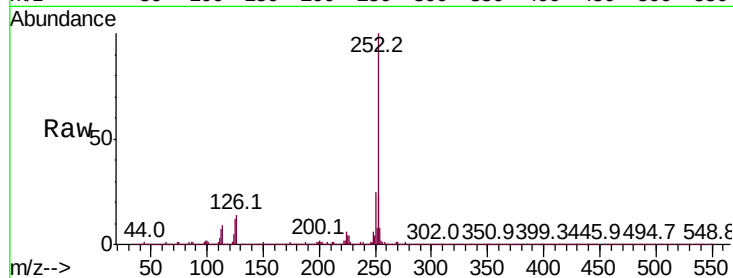
Tot Ion:252 Resp: 3815632

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

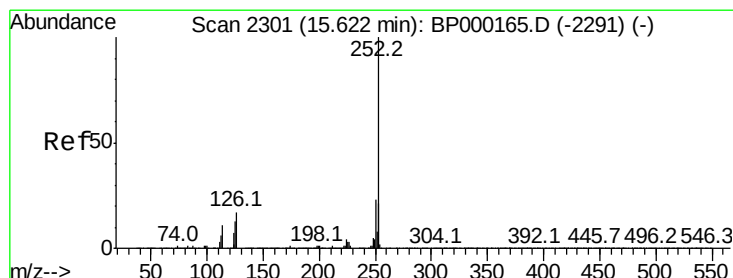
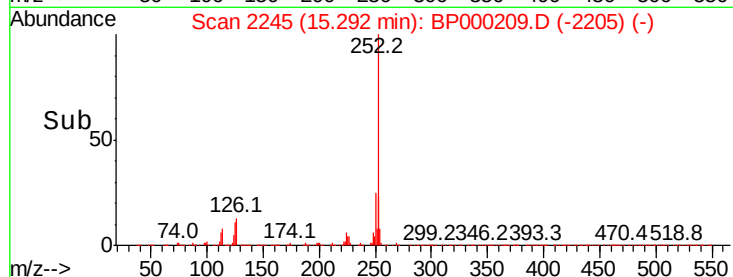
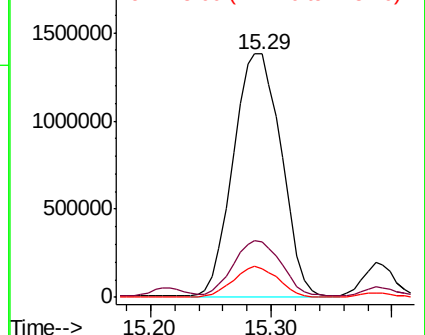
125 11.6 10.2 15.2



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



#91

Benzo(a)pyrene

Concen: 3.746 ng/ul

RT: 15.67 min Scan# 2310

Delta R.T. 0.06 min

Lab File: BP000209.D

Acq: 12 Sep 2019 10:52

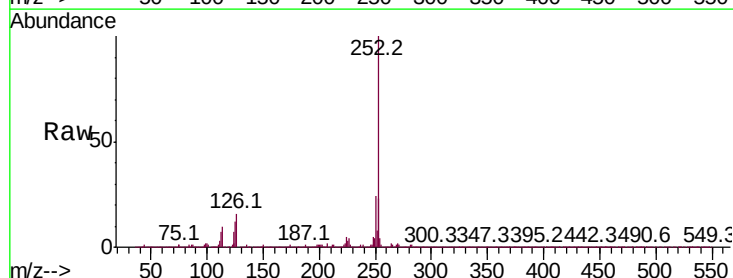
Tgt Ion:252 Resp: 1728971

Ion Ratio Lower Upper

252 100

253 23.4 17.5 26.3

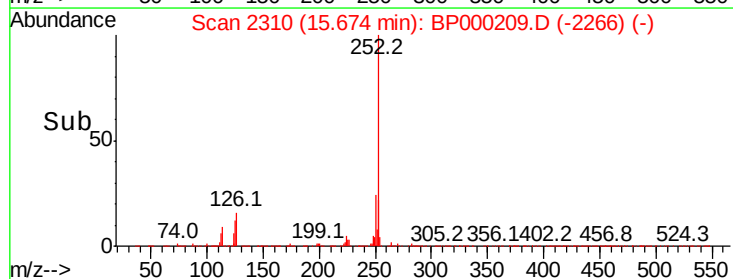
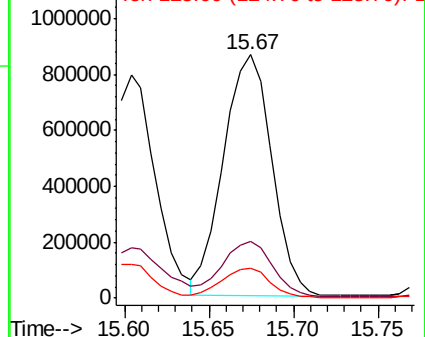
125 12.2 10.2 15.2

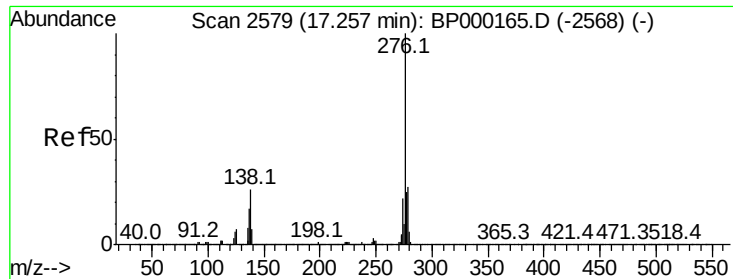


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



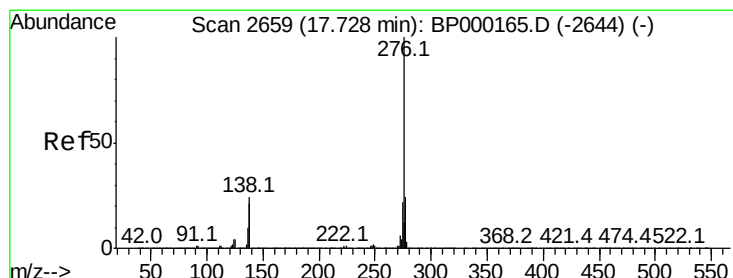
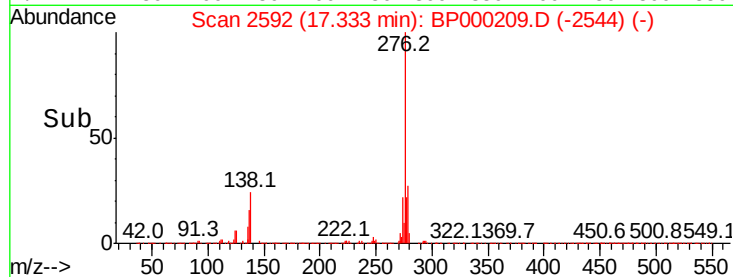
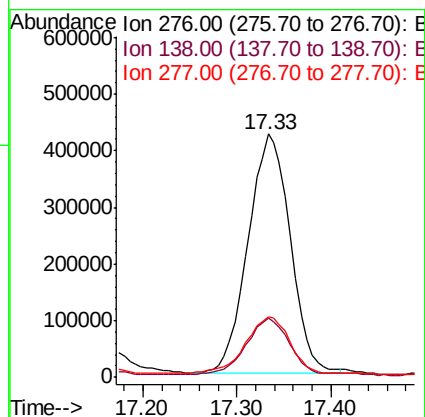
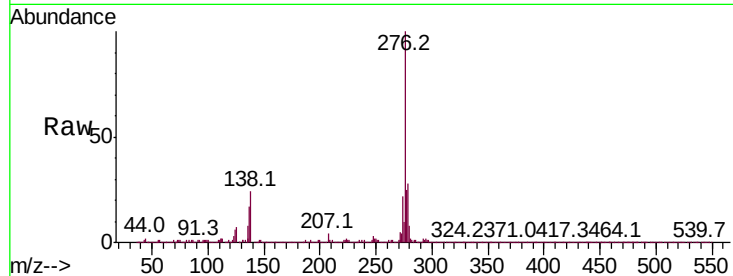


#92

Indeno(1,2,3-cd)pyrene
Concen: 2.470 ng/ul
RT: 17.33 min Scan# 2592
Delta R.T. 0.08 min
Lab File: BP000209.D
Acq: 12 Sep 2019 10:52

Instrument :
BNA_P
ClientSampled :

Tot Ion:276 Resp: 1311505
Ion Ratio Lower Upper
276 100
138 24.3 20.0 30.0
277 25.1 19.4 29.0



#94

Benzo(g,h,i)perylene
Concen: 2.849 ng/ul
RT: 17.82 min Scan# 2674
Delta R.T. 0.09 min
Lab File: BP000209.D
Acq: 12 Sep 2019 10:52

Tgt Ion:276 Resp: 1261406
Ion Ratio Lower Upper
276 100
138 23.5 20.0 30.0
277 24.6 19.1 28.7

