

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091219\
 Data File : BP000213.D
 Acq On : 12 Sep 2019 13:14
 Operator : HP/JU
 Sample : K4633-07 30X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 13 01:47:21 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	6.89	152	325542	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1232346	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	644629	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1120320	20.00	ng/ul	0.00
78) Chrysene-d12	14.16	240	804291	20.00	ng/ul	0.02
86) Perylene-d12	15.74	264	857762	20.00	ng/ul	0.05

System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.63	96	1209	0.13	ng/uL	0.02
5) Phenol-d5	6.50	99	21500	0.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	11543	0.80	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	17595	0.78	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	15733	0.76	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	7519	0.80	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	7086	0.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	13812	0.71	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	2908	0.12	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	43875	0.92	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	52467	0.89	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	4933	0.58	ng/ul	0.00
58) Fluorene-d10	10.47	176	35805	0.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.53	200	1059	0.21	ng/ul	0.00
71) Anthracene-d10	11.51	188	53114	0.98	ng/ul	0.00
79) Pyrene-d10	12.90	212	51740	1.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.63	264	41846	0.94	ng/ul	0.05

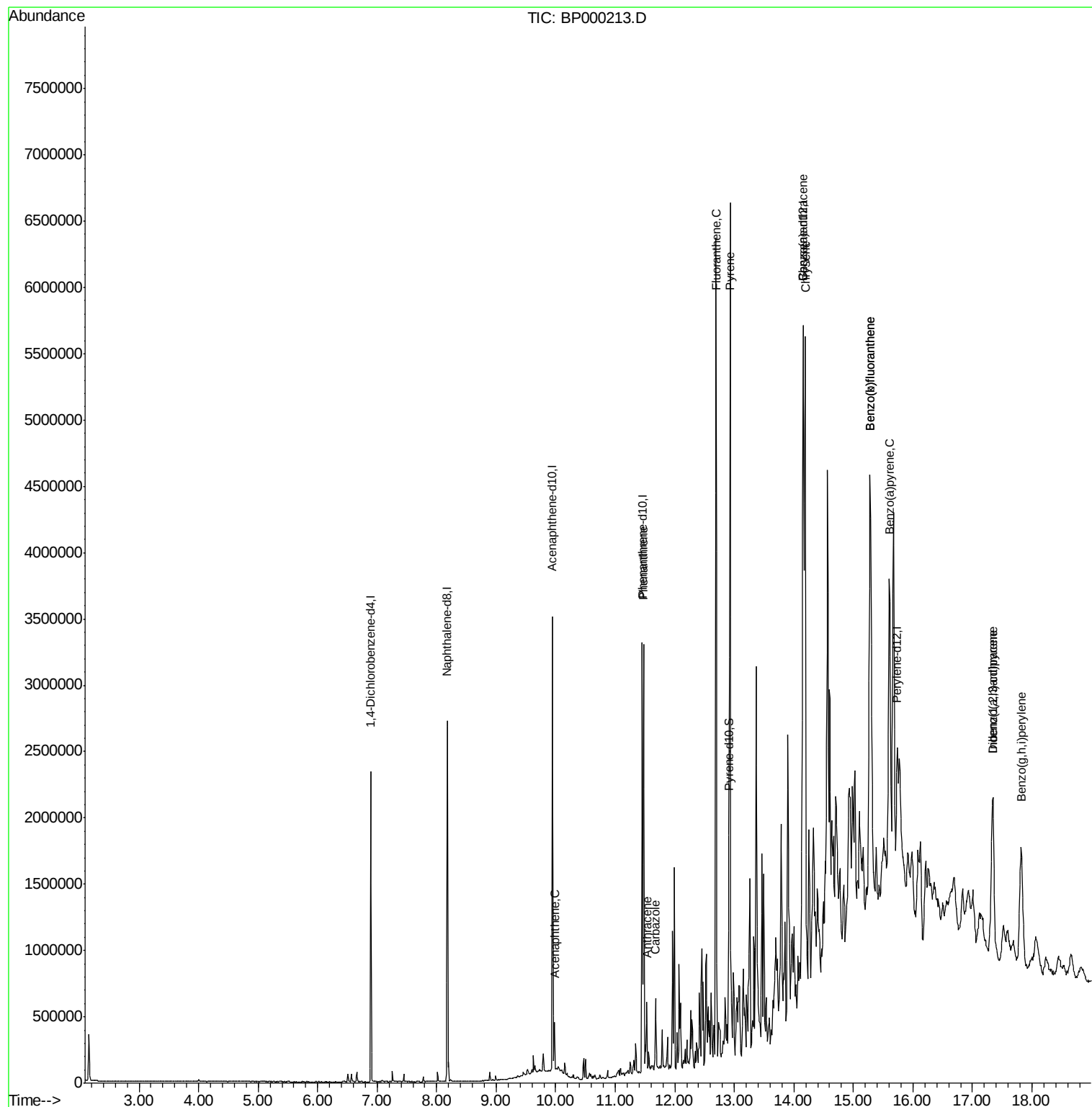
Target Compounds					Ovalue	
50) Acenaphthene	9.98	153	88752	2.084	ng/ul	98
70) Phenanthrene	11.47	178	1136043	17.147	ng/ul	98
72) Anthracene	11.53	178	199983	3.068	ng/ul	98
75) Carbazole	11.68	167	210074	3.769	ng/ul	100
77) Fluoranthene	12.69	202	2565245	38.388	ng/ul	99
80) Pyrene	12.93	202	2889051	47.611	ng/ul	94
83) Benzo(a)anthracene	14.15	228	2355594	40.460	ng/ul	97
85) Chrysene	14.19	228	2500197	46.798	ng/ul	97
88) Benzo(b)fluoranthene	15.28	252	3556241	62.554	ng/ul	97
89) Benzo(k)fluoranthene	15.28	252	3564886	66.522	ng/ul	96
91) Benzo(a)pyrene	15.60	252	1939567	36.363	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	17.35	276	1249040	20.355	ng/ul	100
93) Dibenzo(a,h)anthracene	17.35	278	461027	9.071	ng/ul#	83
94) Benzo(g,h,i)perylene	17.82	276	1201862	23.491	ng/ul	99

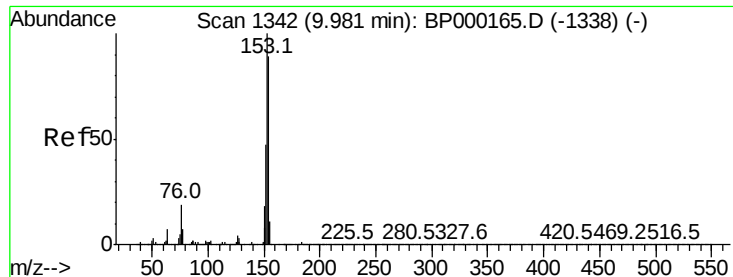
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#50

Acenaphthene

Concen: 2.084 ng/ul

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BP000213.D

Acq: 12 Sep 2019 13:14

Instrument :

BNA_P

ClientSampleId :

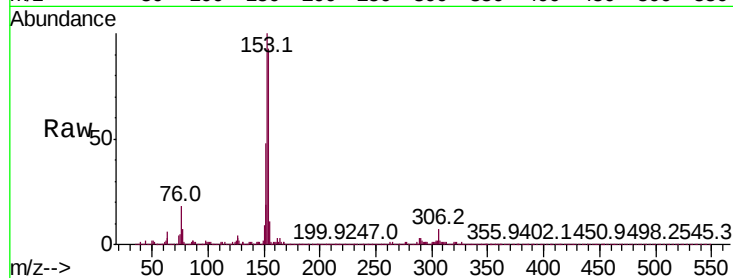
Tot Ion:153 Resp: 88752

Ion Ratio Lower Upper

153 100

152 48.2 38.0 57.0

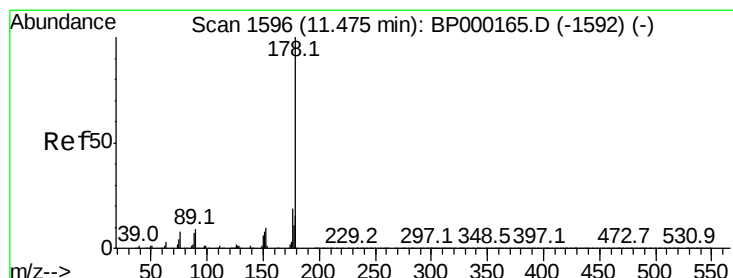
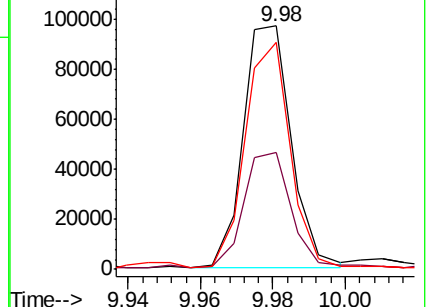
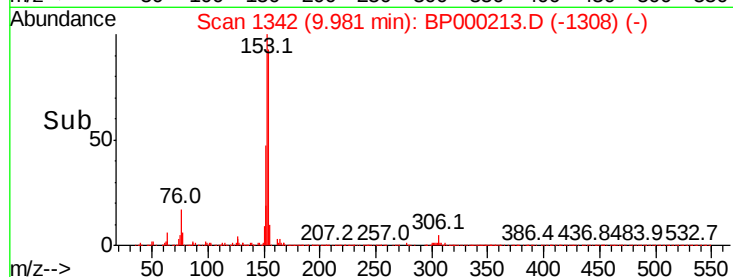
154 93.4 72.6 108.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#70

Phenanthrene

Concen: 17.147 ng/ul

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BP000213.D

Acq: 12 Sep 2019 13:14

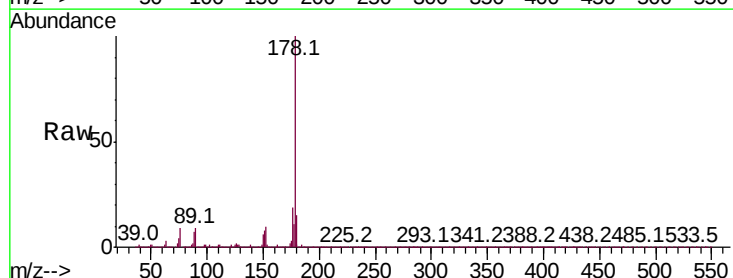
Tgt Ion:178 Resp: 1136043

Ion Ratio Lower Upper

178 100

179 14.5 12.5 18.7

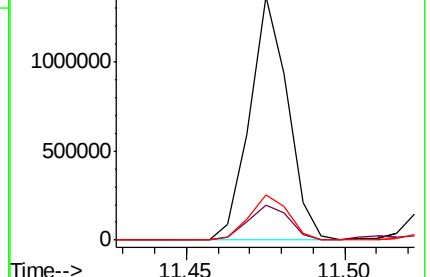
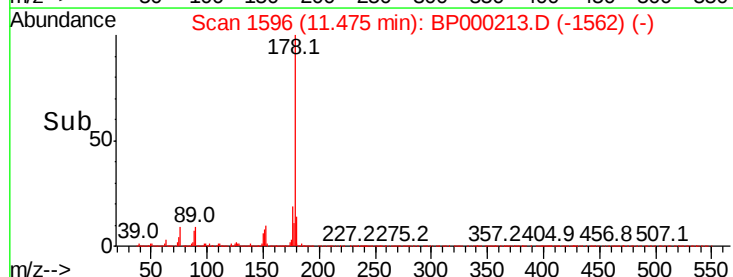
176 18.5 15.7 23.5

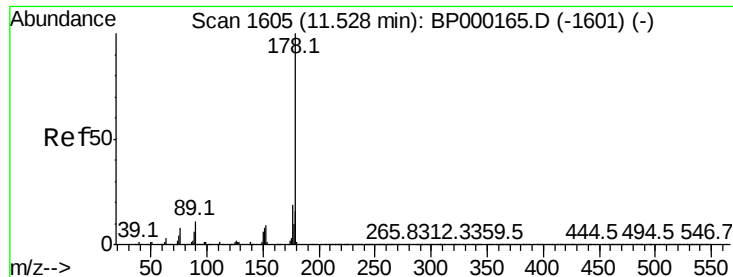


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 3.068 ng/ul

RT: 11.53 min Scan# 1605

Delta R.T. 0.00 min

Lab File: BP000213.D

Acq: 12 Sep 2019 13:14

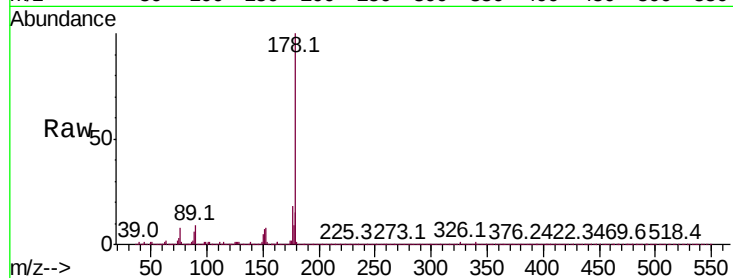
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 199983

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.3	18.5
176	18.1	15.1	22.7

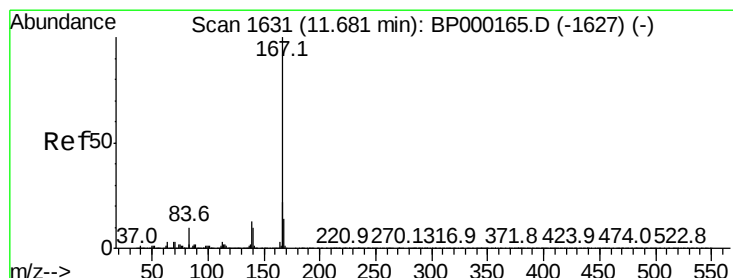
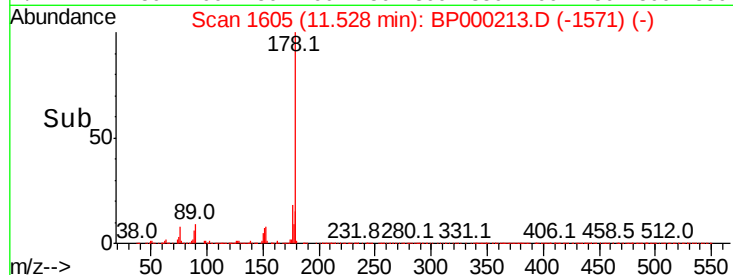
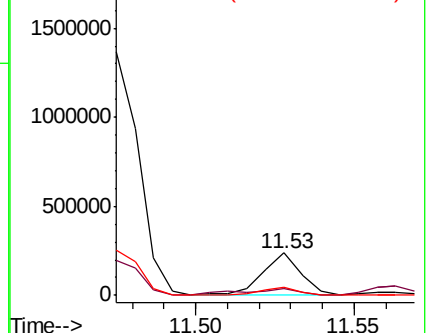


Abundance

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: 3.769 ng/ul

RT: 11.68 min Scan# 1631

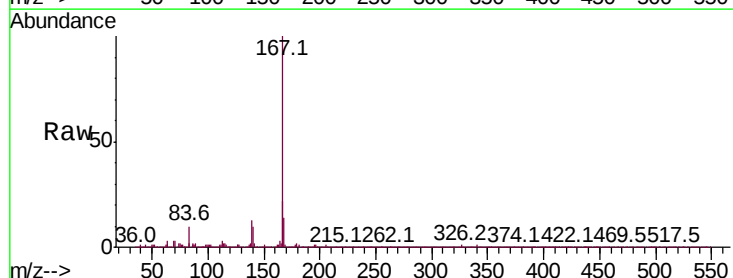
Delta R.T. 0.00 min

Lab File: BP000213.D

Acq: 12 Sep 2019 13:14

Tgt Ion:167 Resp: 210074

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.3	25.9
139	13.0	10.6	15.8

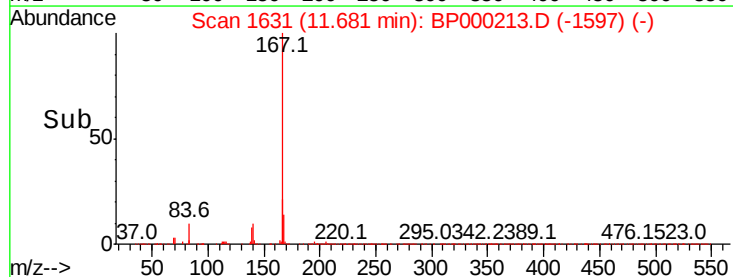
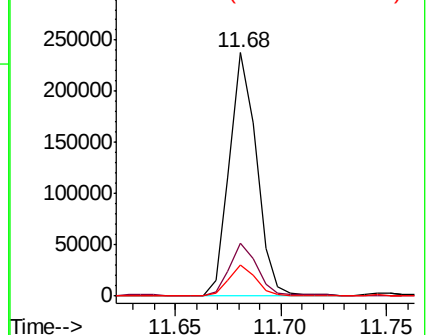


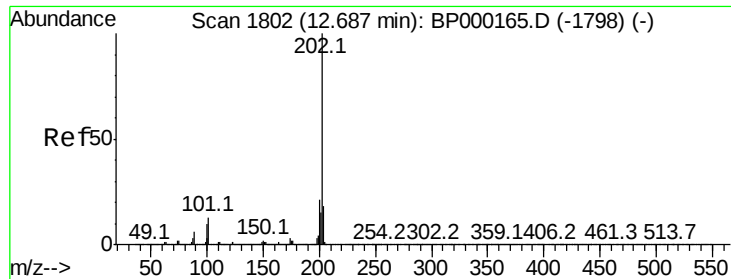
Abundance

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

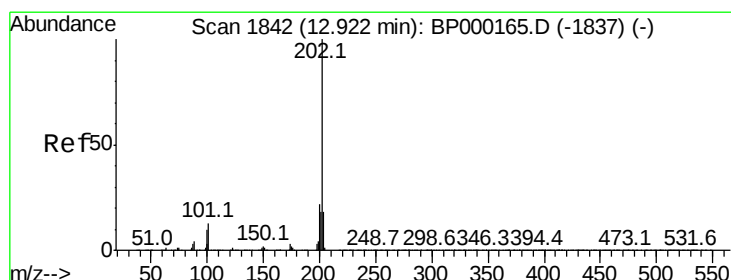
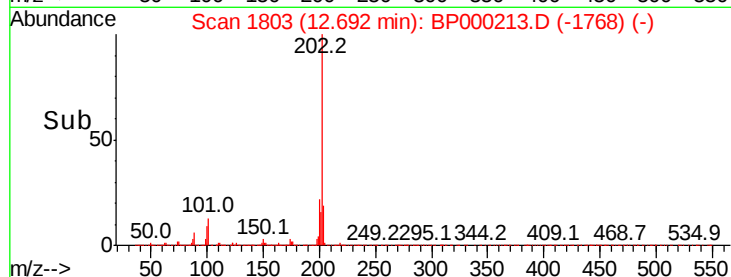
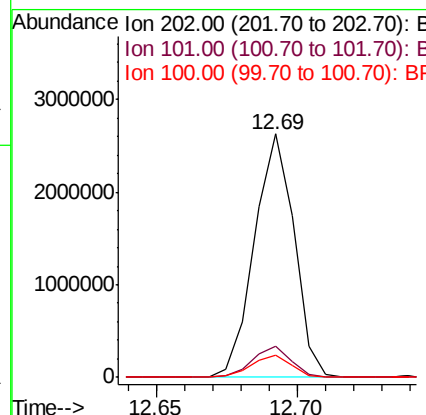
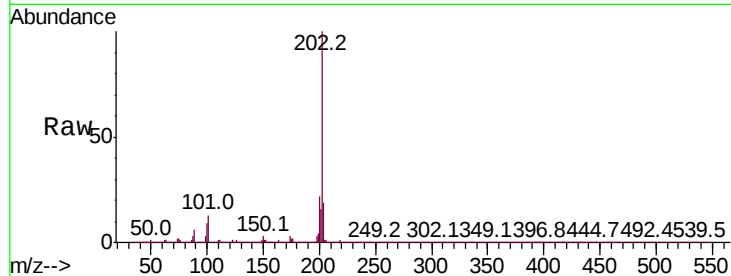




#77
Fluoranthene
Concen: 38.388 ng/ul
RT: 12.69 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BP000213.D
Acq: 12 Sep 2019 13:14

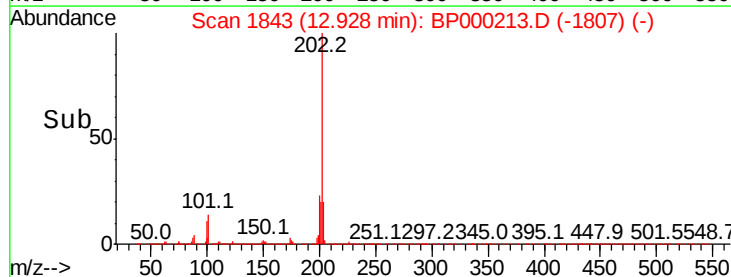
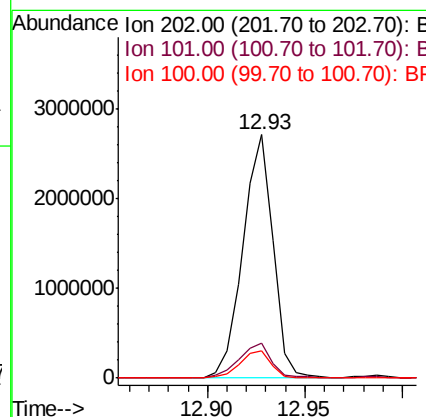
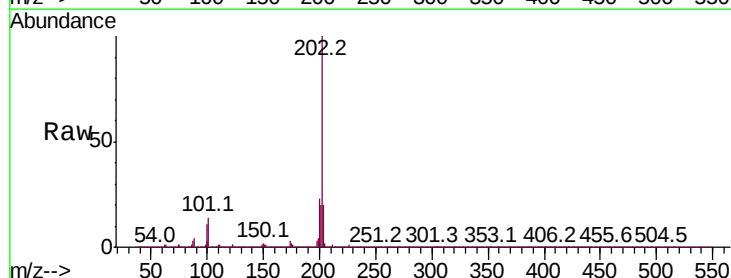
Instrument :
BNA_P
ClientSampleId :

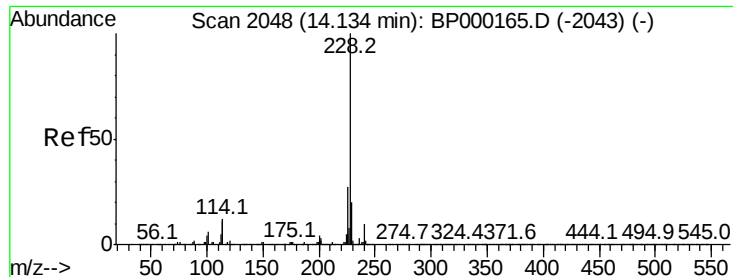
Tot Ion:202 Resp: 2565245
Ion Ratio Lower Upper
202 100
101 12.7 10.0 15.0
100 9.1 7.4 11.2



#80
Pyrene
Concen: 47.611 ng/ul
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BP000213.D
Acq: 12 Sep 2019 13:14

Tgt Ion:202 Resp: 2889051
Ion Ratio Lower Upper
202 100
101 14.1 13.4 20.0
100 11.2 10.8 16.2

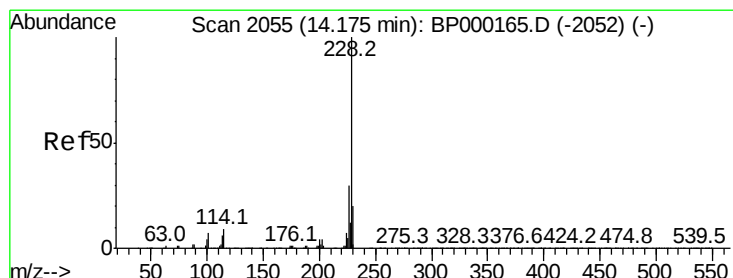
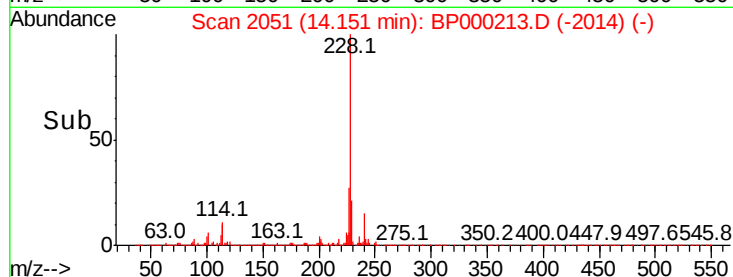
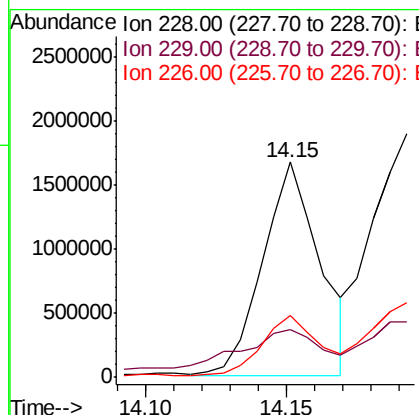
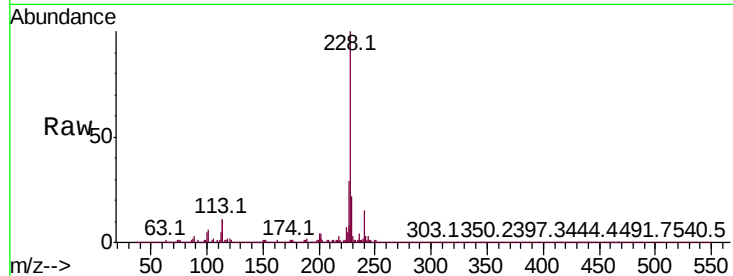




#83
Benzo(a)anthracene
Concen: 40.460 ng/ul
RT: 14.15 min Scan# 2051
Delta R.T. 0.02 min
Lab File: BP000213.D
Acq: 12 Sep 2019 13:14

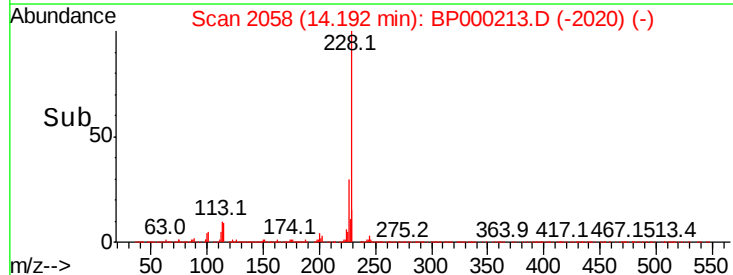
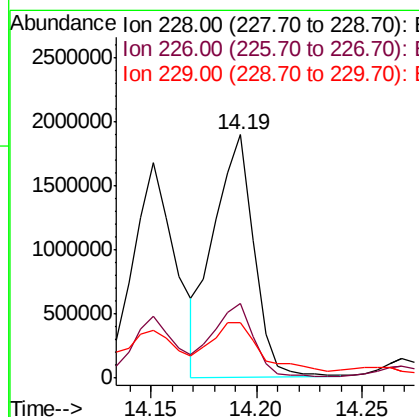
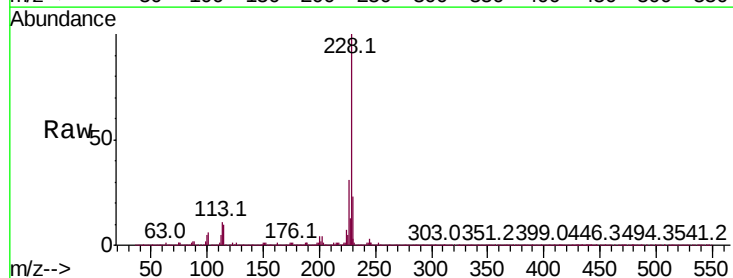
Instrument :
BNA_P
ClientSampleId :

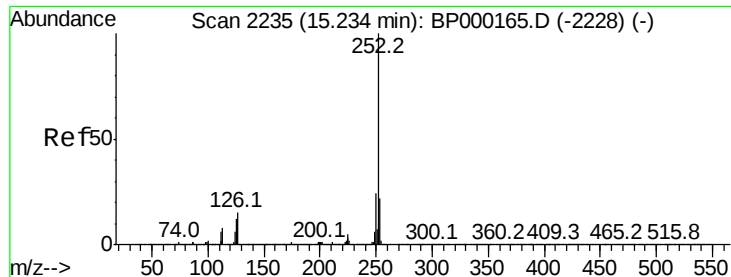
Tot Ion:228 Resp: 2355594
Ion Ratio Lower Upper
228 100
229 22.0 15.9 23.9
226 28.7 22.1 33.1



#85
Chrysene
Concen: 46.798 ng/ul
RT: 14.19 min Scan# 2058
Delta R.T. 0.02 min
Lab File: BP000213.D
Acq: 12 Sep 2019 13:14

Tgt Ion:228 Resp: 2500197
Ion Ratio Lower Upper
228 100
226 30.8 24.4 36.6
229 22.7 16.0 24.0





#88

Benzo(b)fluoranthene

Concen: 62.554 ng/ul

RT: 15.28 min Scan# 2243

Delta R.T. 0.05 min

Lab File: BP000213.D

Acq: 12 Sep 2019 13:14

Instrument :

BNA_P

ClientSampleId :

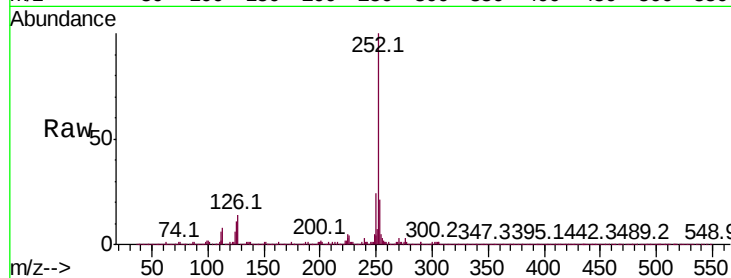
Tot Ion:252 Resp: 3556241

Ion Ratio Lower Upper

252 100

253 20.8 17.5 26.3

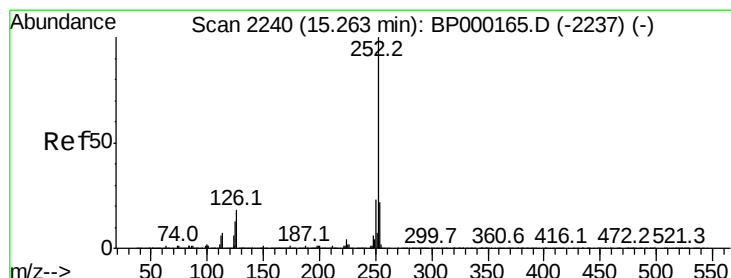
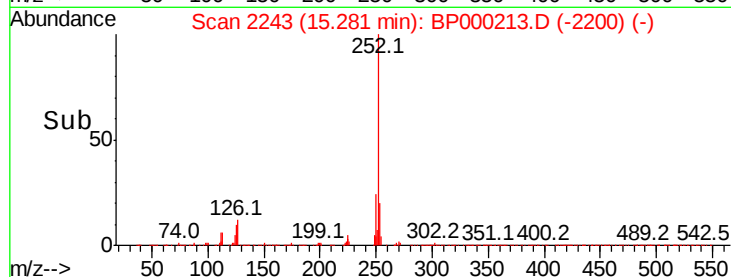
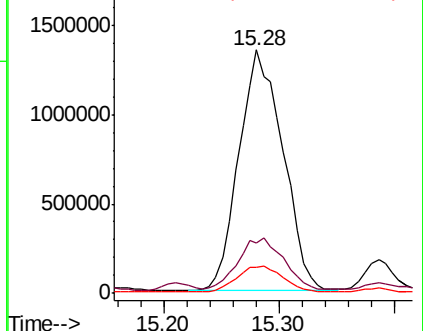
125 10.8 9.9 14.9



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



#89

Benzo(k)fluoranthene

Concen: 66.522 ng/ul

RT: 15.28 min Scan# 2243

Delta R.T. 0.02 min

Lab File: BP000213.D

Acq: 12 Sep 2019 13:14

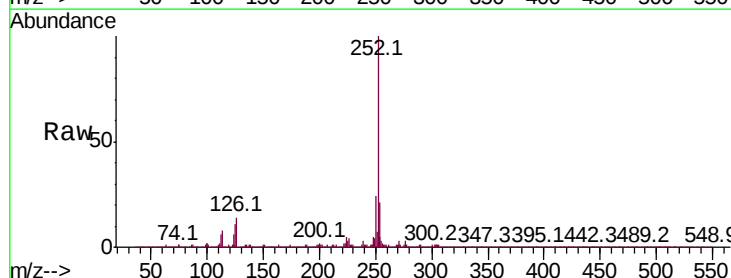
Tgt Ion:252 Resp: 3564886

Ion Ratio Lower Upper

252 100

253 20.8 18.0 27.0

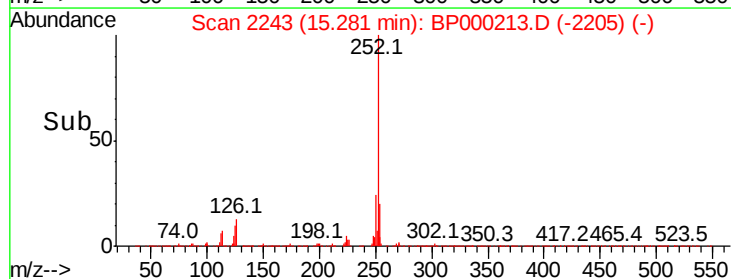
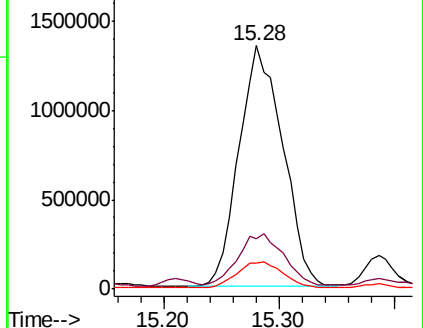
125 10.8 10.2 15.2

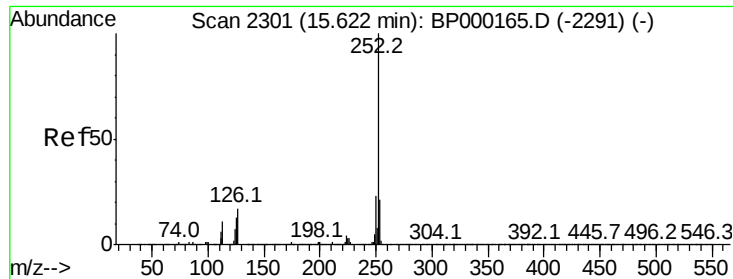


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 36.363 ng/u1

RT: 15.60 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BP000213.D

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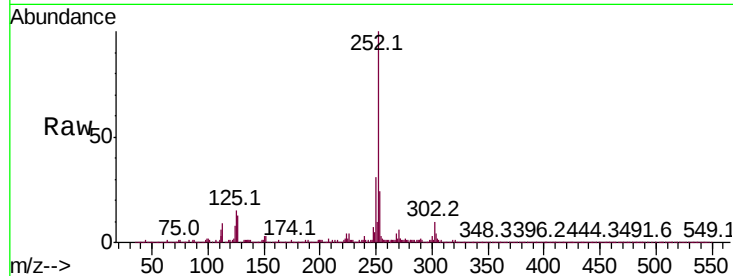
Tot Ion:252 Resp: 1939567

Ion Ratio Lower Upper

252 100

253 23.8 17.5 26.3

125 15.0 10.2 15.2

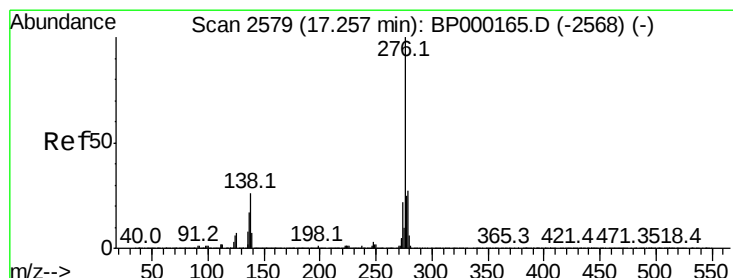
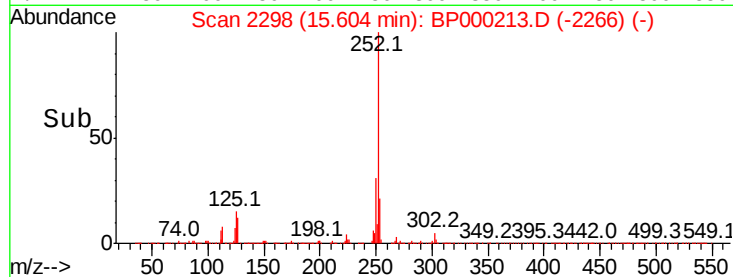
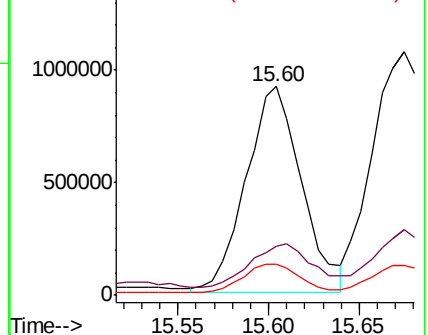


Abundance

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: 20.355 ng/u1

RT: 17.35 min Scan# 2594

Delta R.T. 0.09 min

Lab File: BP000213.D

Acq: 12 Sep 2019 13:14

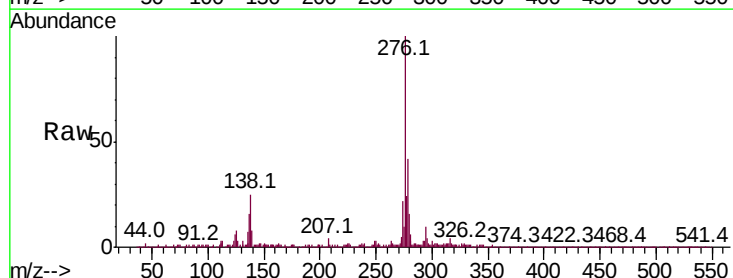
Tgt Ion:276 Resp: 1249040

Ion Ratio Lower Upper

276 100

138 25.3 20.0 30.0

277 24.2 19.4 29.0

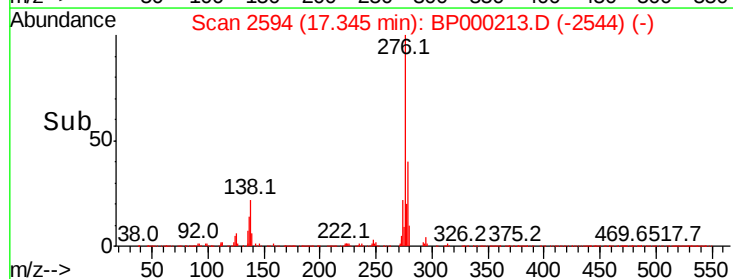
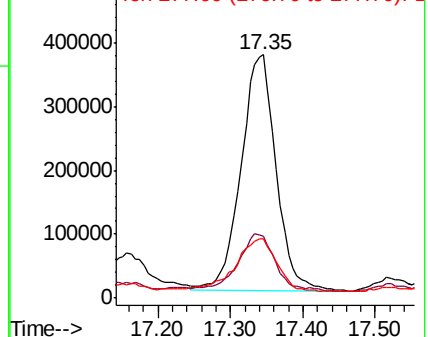


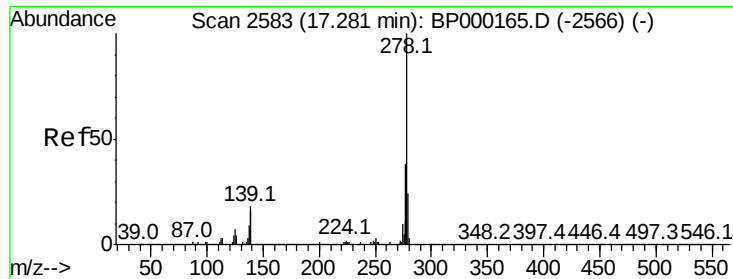
Abundance

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





#93

Dibenzo(a,h)anthracene

Concen: 9.071 ng/ul

RT: 17.35 min Scan# 2594

Delta R.T. 0.07 min

Lab File: BP000213.D

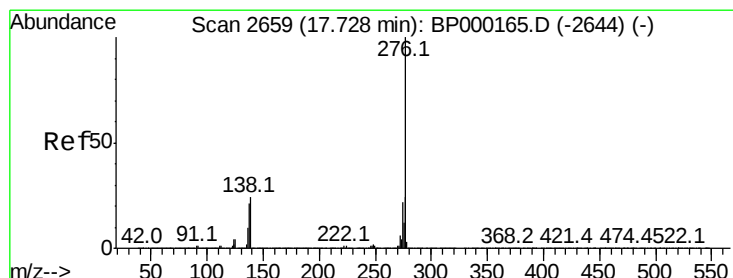
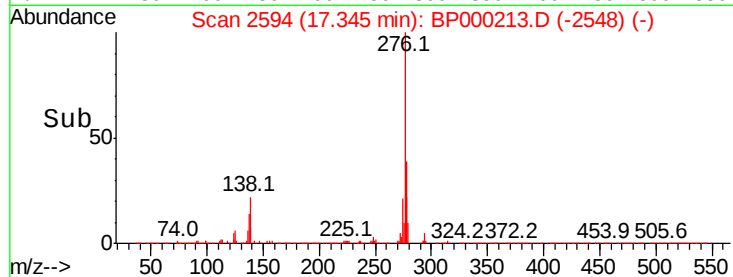
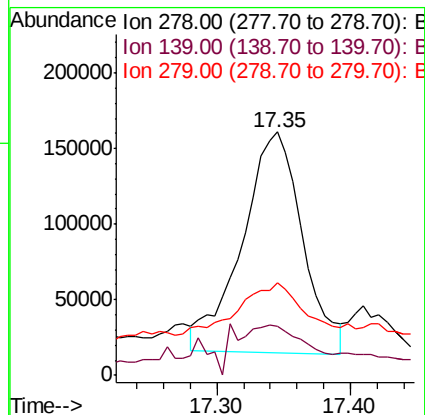
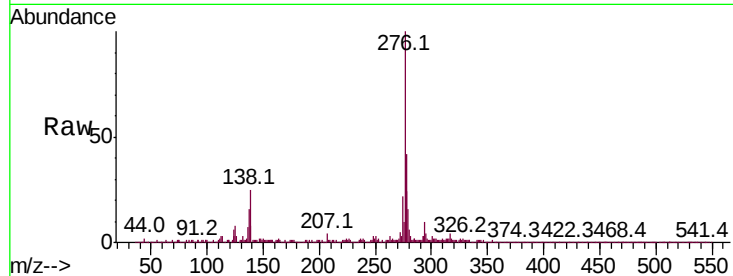
Acq: 12 Sep 2019 13:14

Instrument :

BNA_P

ClientSampleId :

Tot Ion:278	Resp:	461027
Ion	Ratio	Lower Upper
278	100	
139	20.0	15.1 22.7
279	38.1	19.2 28.8#



#94

Benzo(g,h,i)perylene

Concen: 23.491 ng/ul

RT: 17.82 min Scan# 2675

Delta R.T. 0.10 min

Lab File: BP000213.D

Acq: 12 Sep 2019 13:14

Tgt Ion:276	Resp:	1201862
Ion	Ratio	Lower Upper
276	100	
138	24.3	20.0 30.0
277	24.2	19.1 28.7

