

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP090919\
 Data File : BP000153.D
 Acq On : 09 Sep 2019 23:42
 Operator : HP/JU
 Sample : K4634-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 10 03:40:11 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	437308	20.00	ng/ul	0.00
18) Naphthalene-d8	8.17	136	1681220	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	950721	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1654894	20.00	ng/ul	0.00
78) Chrysene-d12	14.14	240	1214352	20.00	ng/ul	0.00
86) Perylene-d12	15.67	264	1248285	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.61	96	36637	2.97	ng/uL	0.00
5) Phenol-d5	6.50	99	647460	17.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	360223	18.49	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	540148	17.93	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	433427	15.49	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	265227	20.78	ng/ul	0.00
22) 2-Nitrophenol-d4	7.77	143	275055	22.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	493123	18.69	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	514274	15.77	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1433427	20.42	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1718004	19.80	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	195259	15.57	ng/ul	0.00
58) Fluorene-d10	10.47	176	1174853	19.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.52	200	124406	16.36	ng/ul	0.00
71) Anthracene-d10	11.50	188	1610918	20.10	ng/ul	0.00
79) Pyrene-d10	12.89	212	1657285	22.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.58	264	1383022	21.37	ng/ul	0.00

Target Compounds

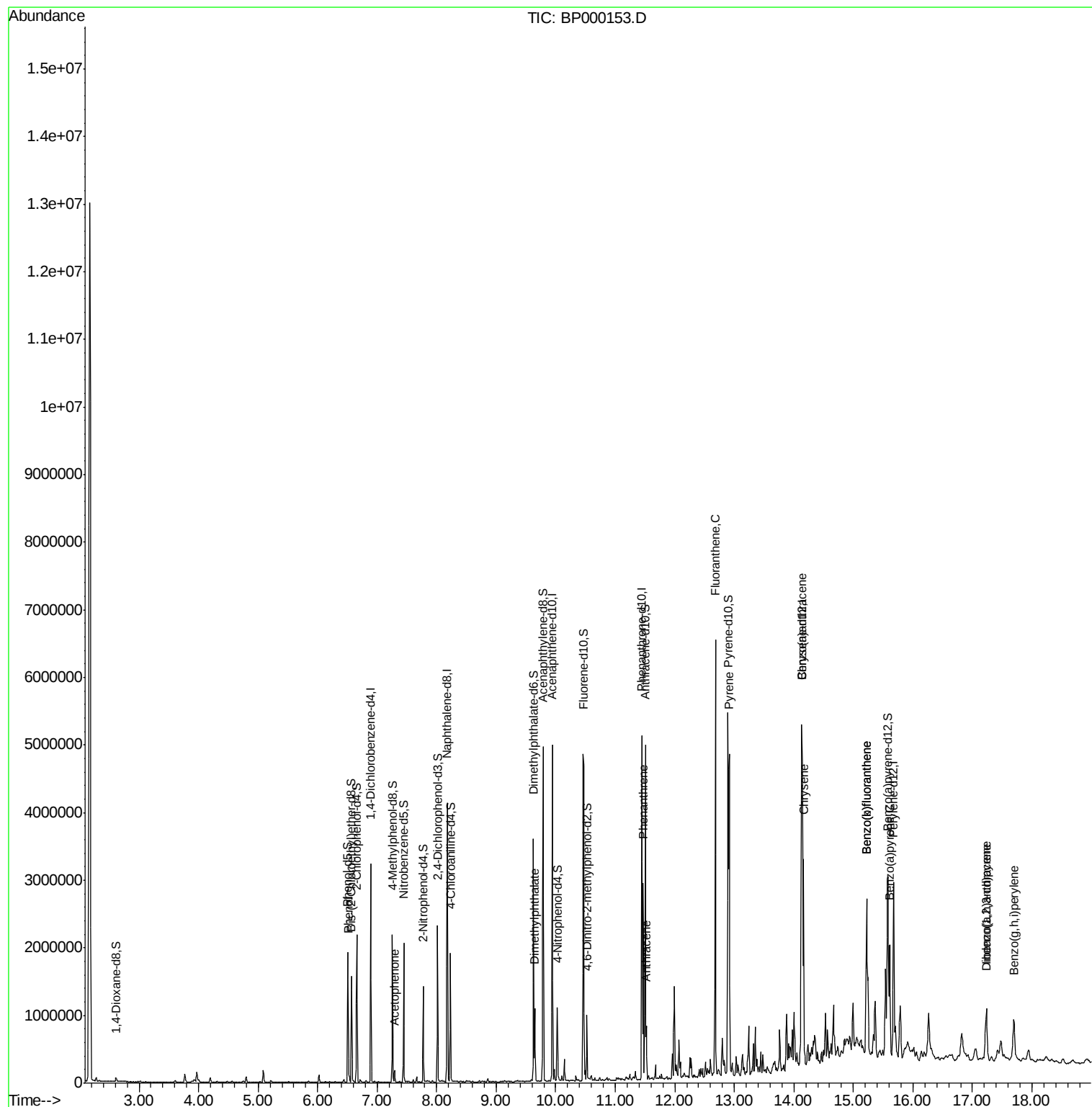
					Ovalue
6) Phenol	6.52	94	123236	3.175 ng/ul	97
14) Acetophenone	7.29	105	46706	1.112 ng/ul	96
45) Dimethylphthalate	9.65	163	352270	4.973 ng/ul	98
70) Phenanthrene	11.47	178	947006	9.677 ng/ul	99
72) Anthracene	11.52	178	249444	2.590 ng/ul	100
77) Fluoranthene	12.68	202	2411105	24.426 ng/ul	99
80) Pyrene	12.92	202	1948916	21.272 ng/ul	93
83) Benzo(a)anthracene	14.13	228	1169545	13.305 ng/ul	98
85) Chrysene	14.16	228	1226785	15.209 ng/ul	98
88) Benzo(b)fluoranthene	15.22	252	1387408	16.770 ng/ul	99
89) Benzo(k)fluoranthene	15.22	252	1387408	17.790 ng/ul	100
91) Benzo(a)pyrene	15.61	252	822062	10.590 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	17.23	276	556741	6.234 ng/ul	97
93) Dibenzo(a,h)anthracene	17.24	278	152503	2.062 ng/ul	93
94) Benzo(g,h,i)perylene	17.70	276	513787	6.900 ng/ul	99

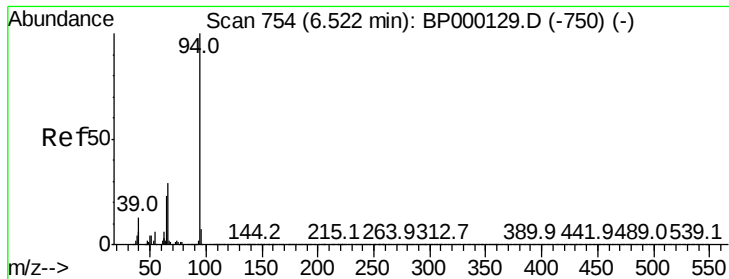
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Phenol

Concen: 3.175 ng/ul

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BP000153.D

Acq: 09 Sep 2019 23:42

Instrument :

BNA_P

ClientSampleId :

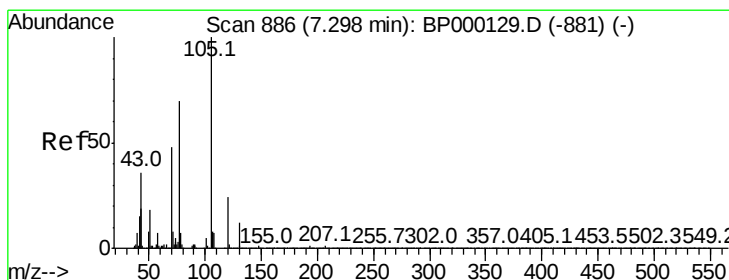
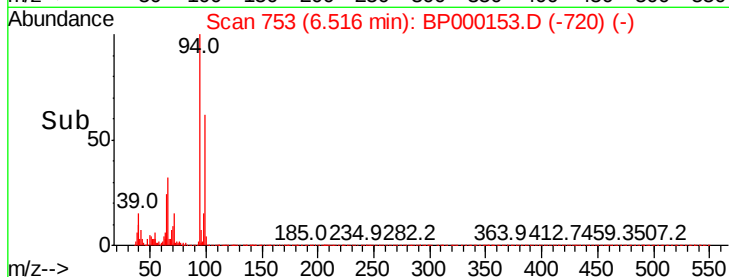
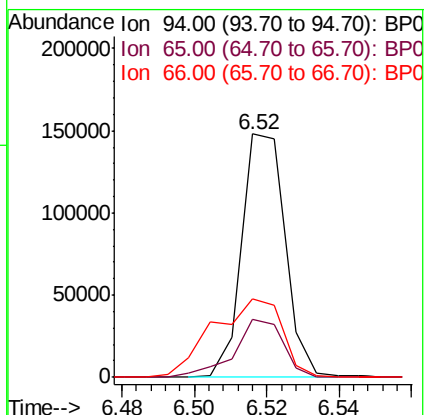
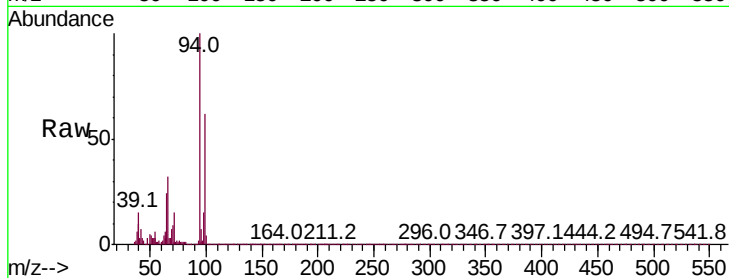
Tot Ion: 94 Resp: 123236

Ion Ratio Lower Upper

94 100

65 24.0 18.8 28.2

66 32.4 24.2 36.2



#14

Acetophenone

Concen: 1.112 ng/ul

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BP000153.D

Acq: 09 Sep 2019 23:42

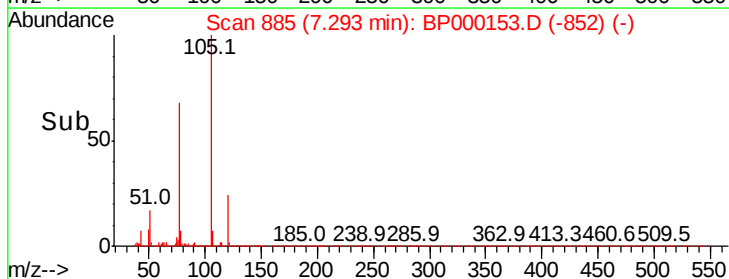
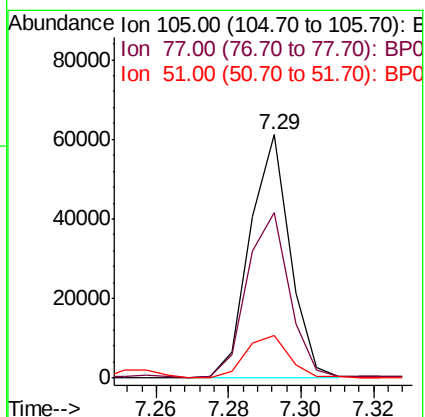
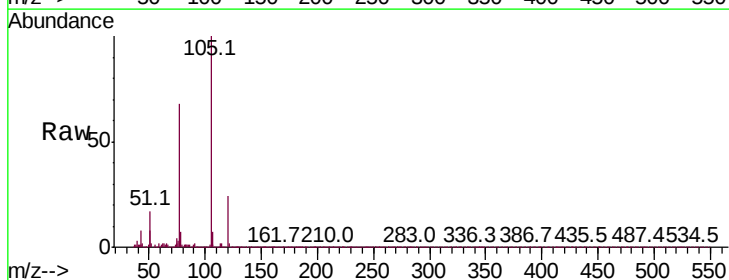
Tgt Ion: 105 Resp: 46706

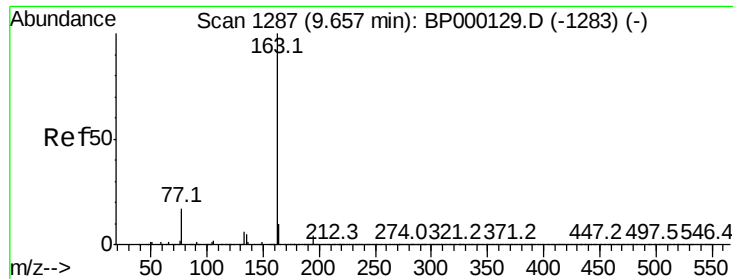
Ion Ratio Lower Upper

105 100

77 68.1 57.2 85.8

51 17.5 14.7 22.1

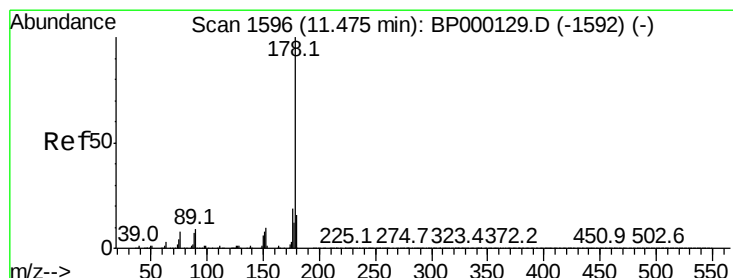
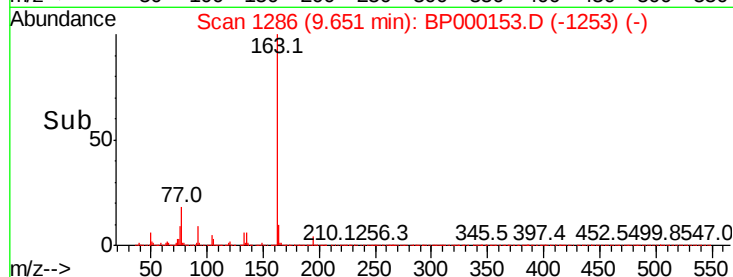
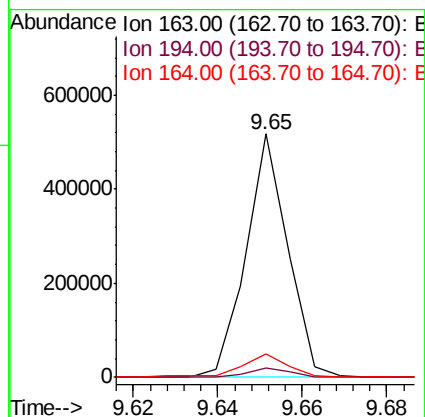
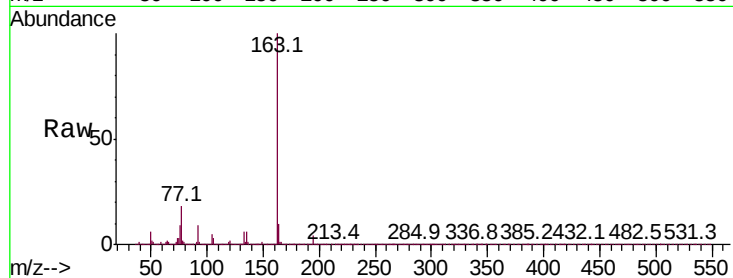




#45
Dimethylphthalate
Concen: 4.973 ng/ul
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BP000153.D
Acq: 09 Sep 2019 23:42

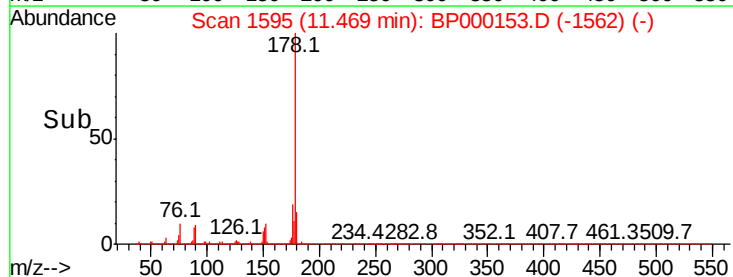
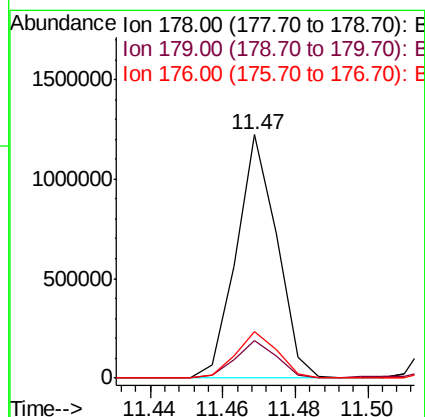
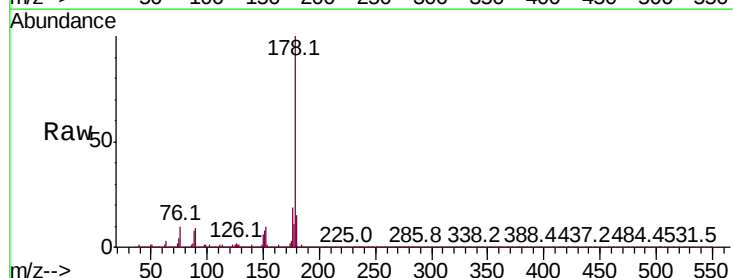
Instrument :
BNA_P
ClientSampleId :

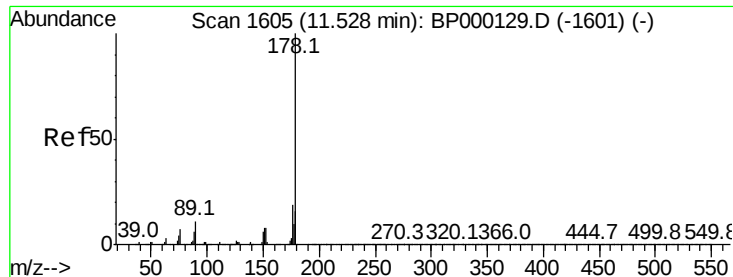
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.7	8.4	12.6



#70
Phenanthrene
Concen: 9.677 ng/ul
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BP000153.D
Acq: 09 Sep 2019 23:42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	19.2	15.7	23.5





#72

Anthracene

Concen: 2.590 ng/ul

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BP000153.D

Acq: 09 Sep 2019 23:42

Instrument :

BNA_P

ClientSampleId :

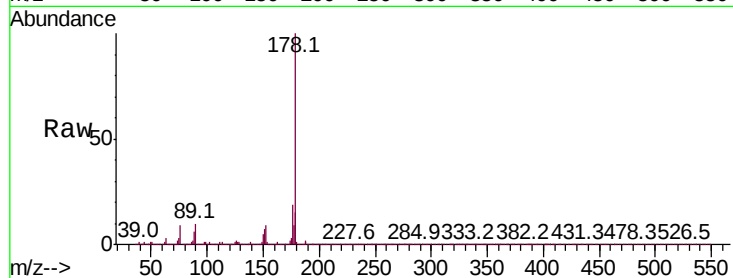
Tot Ion:178 Resp: 249444

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

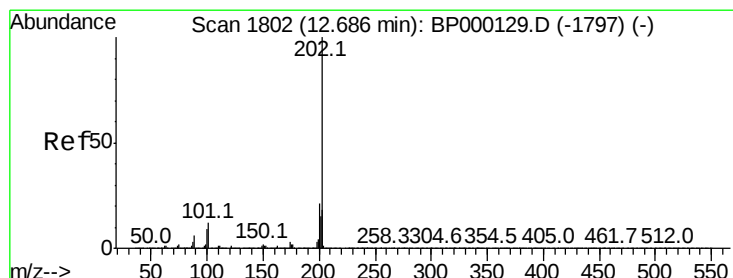
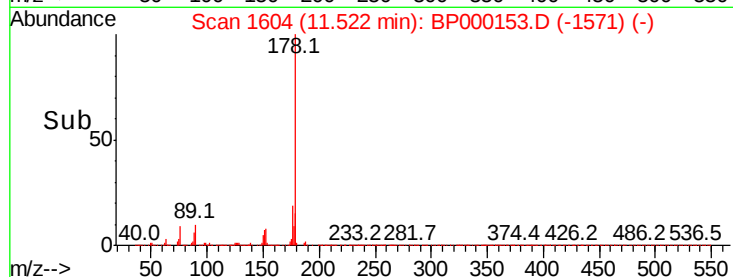
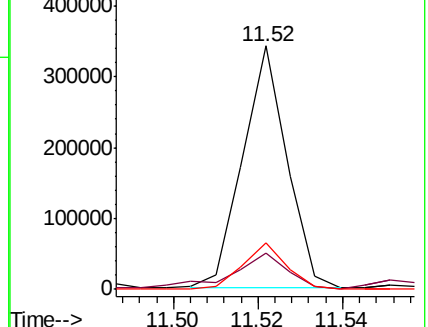
176 19.0 15.1 22.7



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



#77

Fluoranthene

Concen: 24.426 ng/ul

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BP000153.D

Acq: 09 Sep 2019 23:42

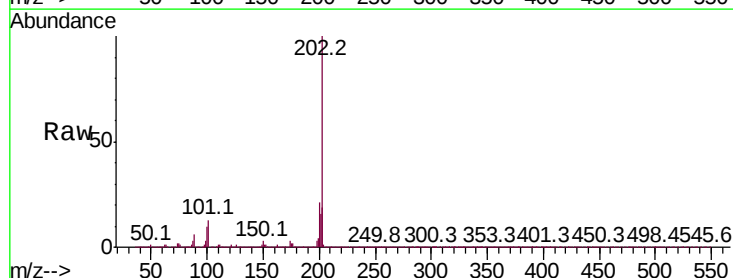
Tgt Ion:202 Resp: 2411105

Ion Ratio Lower Upper

202 100

101 12.9 10.0 15.0

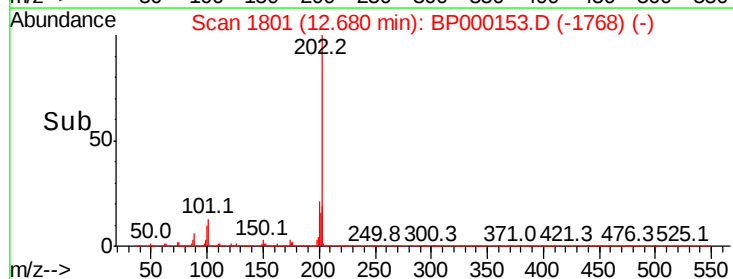
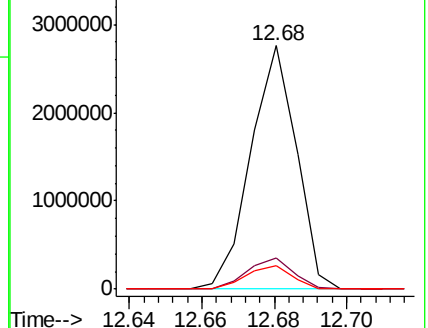
100 9.7 7.4 11.2

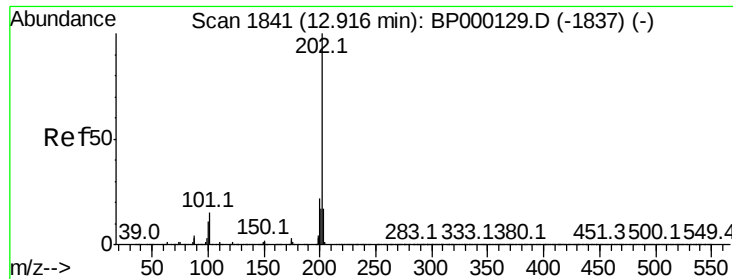


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

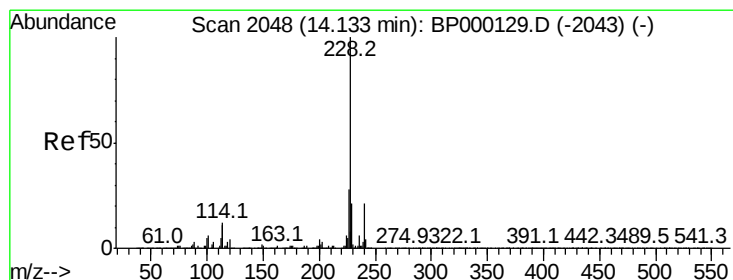
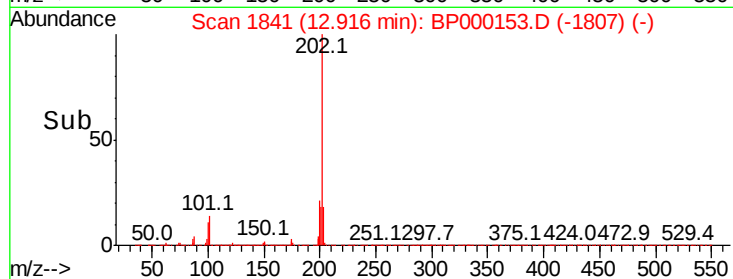
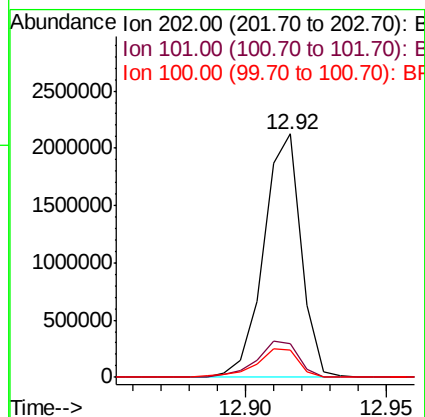
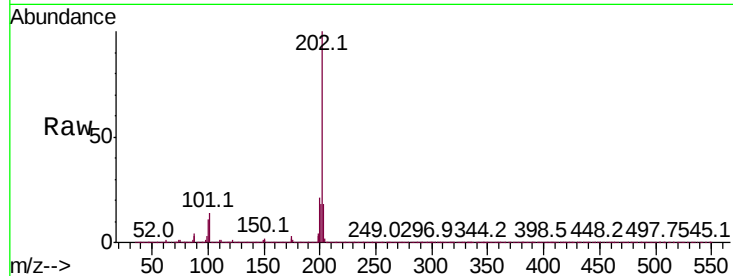




#80
Pvrene
Concen: 21.272 ng/ul
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BP000153.D
Acq: 09 Sep 2019 23:42

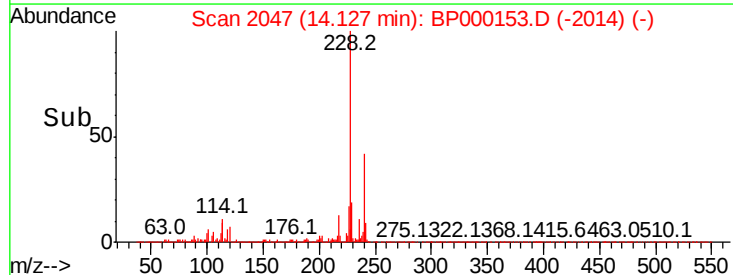
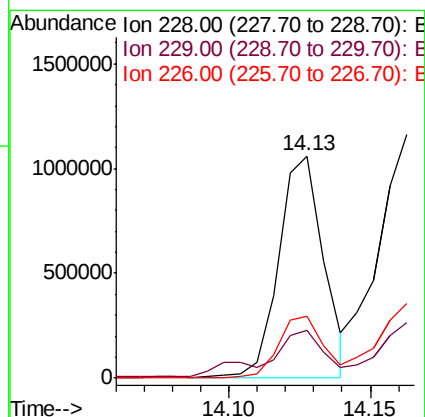
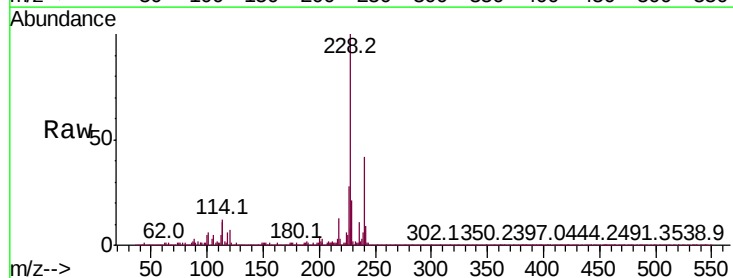
Instrument :
BNA_P
ClientSampleId :

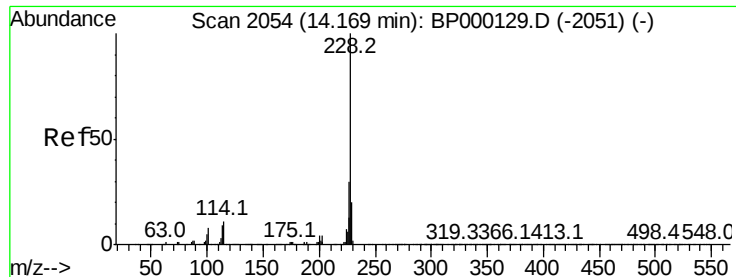
Tot Ion:202 Resp: 1948916
Ion Ratio Lower Upper
202 100
101 13.6 13.4 20.0
100 11.0 10.8 16.2



#83
Benzo(a)anthracene
Concen: 13.305 ng/ul
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP000153.D
Acq: 09 Sep 2019 23:42

Tgt Ion:228 Resp: 1169545
Ion Ratio Lower Upper
228 100
229 21.2 15.9 23.9
226 27.9 22.1 33.1





#85

Chrysene

Concen: 15.209 ng/ul

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BP000153.D

Acq: 09 Sep 2019 23:42

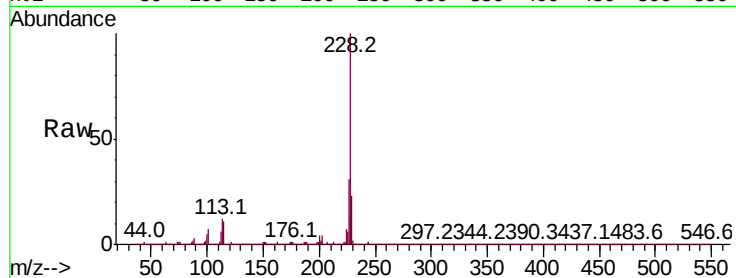
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 1226785

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	22.6	16.0	24.0

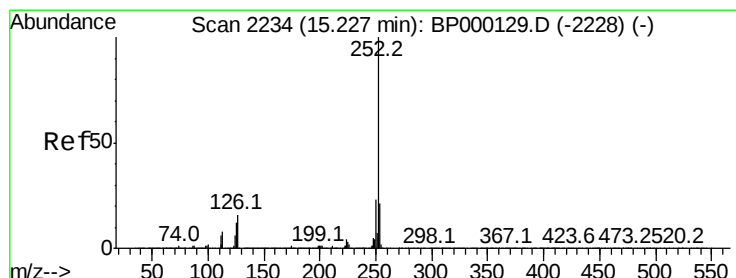
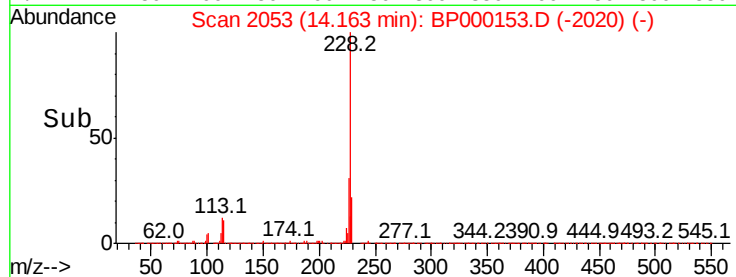
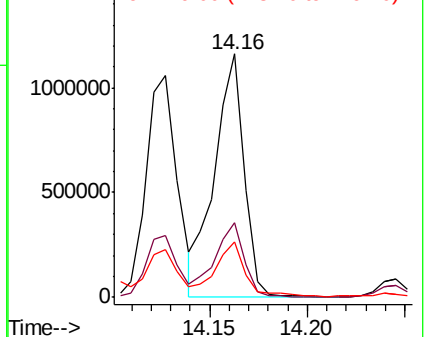


Abundance

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: 16.770 ng/ul

RT: 15.22 min Scan# 2233

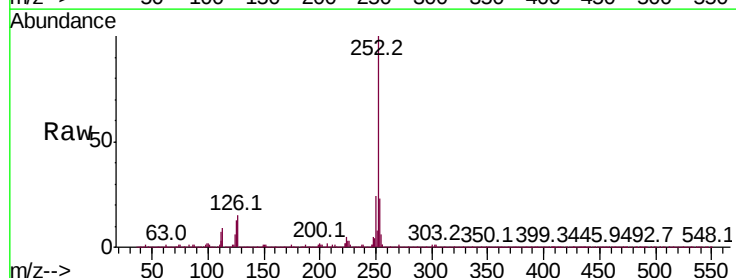
Delta R.T. -0.01 min

Lab File: BP000153.D

Acq: 09 Sep 2019 23:42

Tgt Ion:252 Resp: 1387408

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	13.0	9.9	14.9

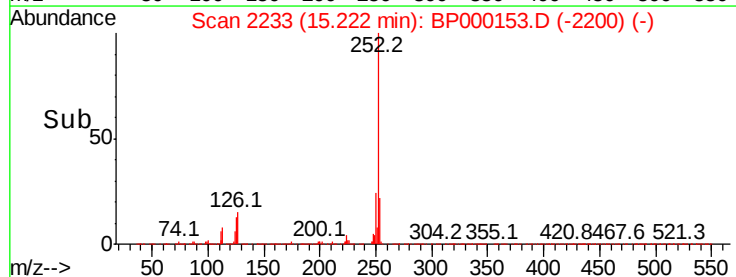
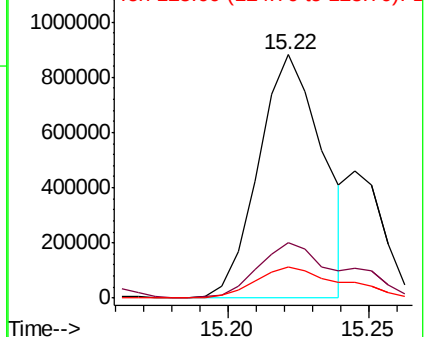


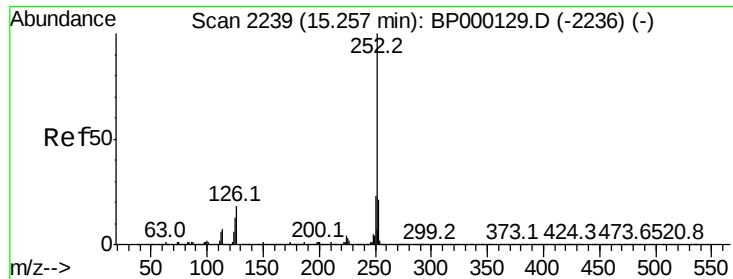
Abundance

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: 17.790 ng/ul

RT: 15.22 min Scan# 2233

Delta R.T. -0.04 min

Lab File: BP000153.D

Acq: 09 Sep 2019 23:42

Instrument :

BNA_P

ClientSampled :

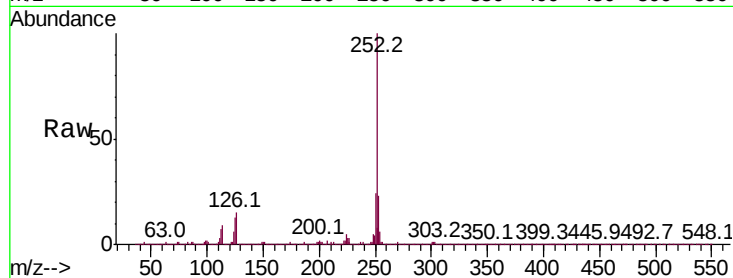
Tot Ion:252 Resp: 1387408

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

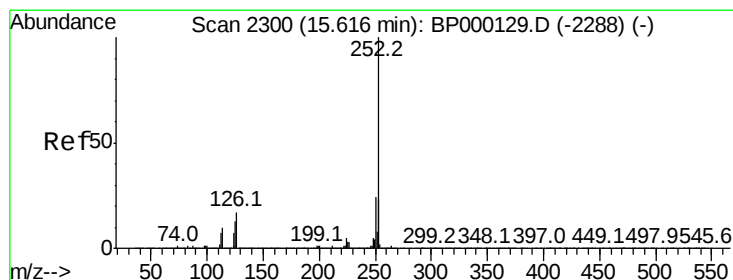
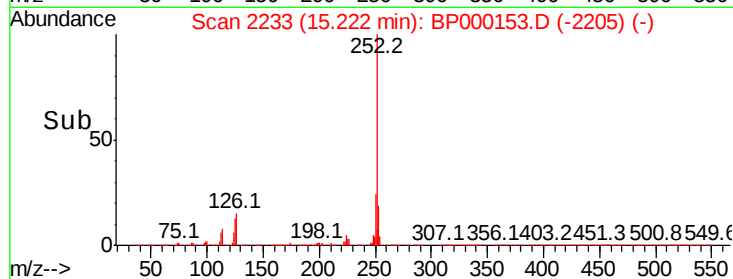
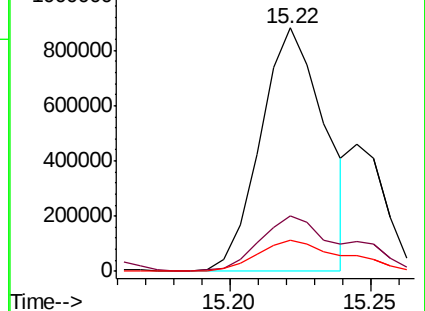
125 13.0 10.2 15.2



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



#91

Benzo(a)pyrene

Concen: 10.590 ng/ul

RT: 15.61 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BP000153.D

Acq: 09 Sep 2019 23:42

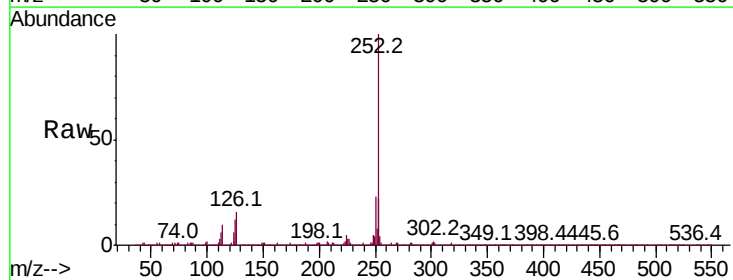
Tgt Ion:252 Resp: 822062

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

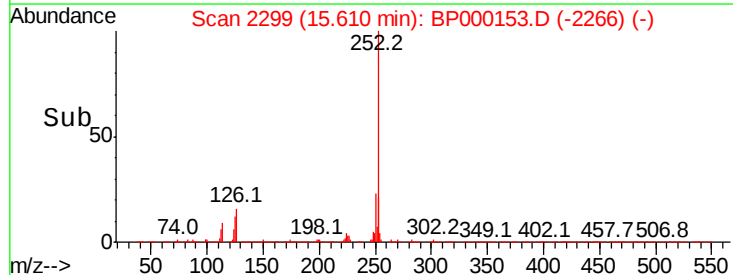
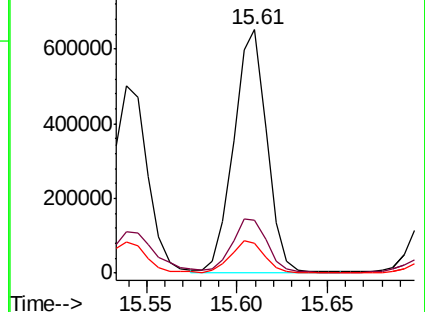
125 12.4 10.2 15.2

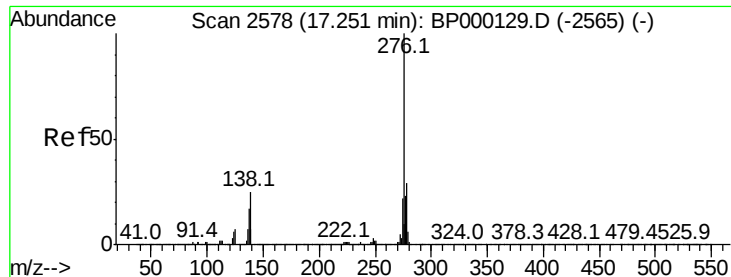


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



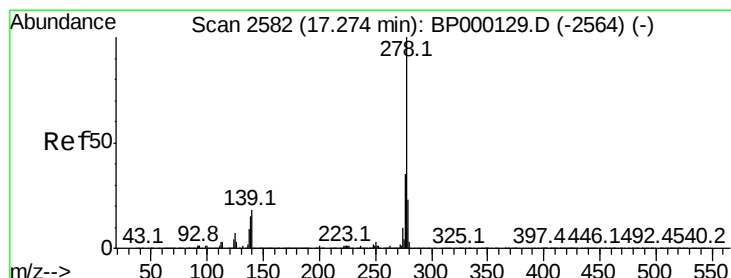
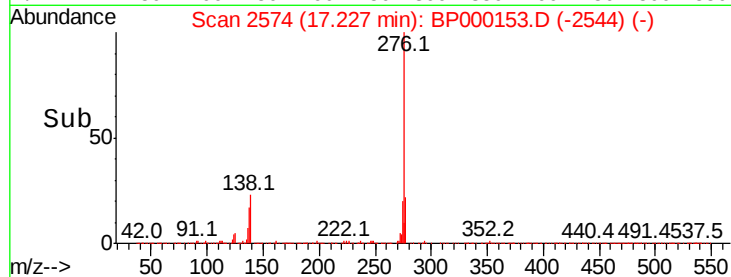
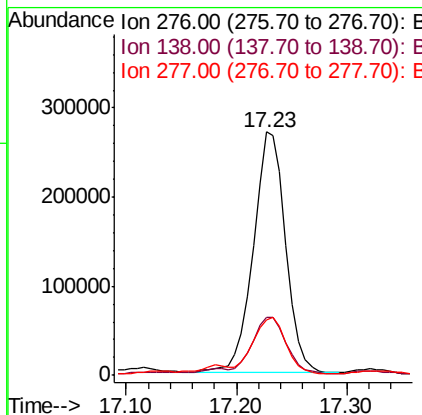
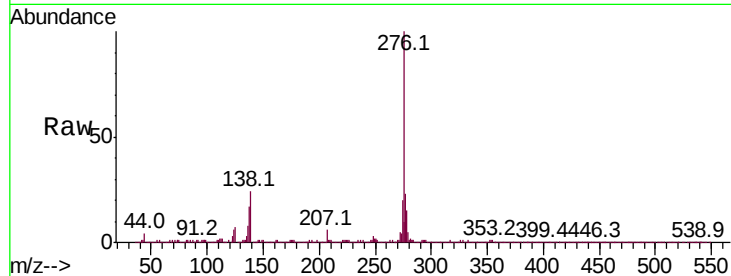


#92

Indeno(1,2,3-cd)pyrene
Concen: 6.234 ng/ul
RT: 17.23 min Scan# 2574
Delta R.T. -0.02 min
Lab File: BP000153.D
Acq: 09 Sep 2019 23:42

Instrument :
BNA_P
ClientSampleId :

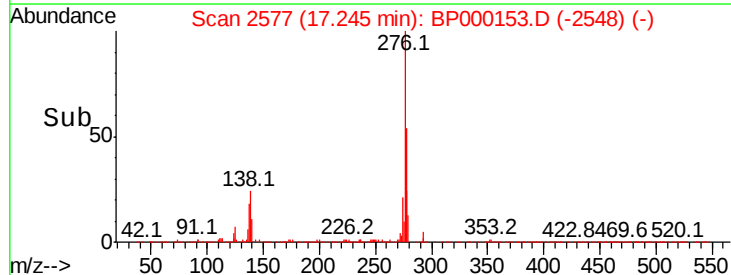
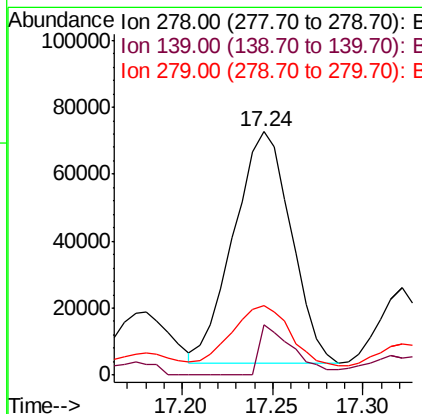
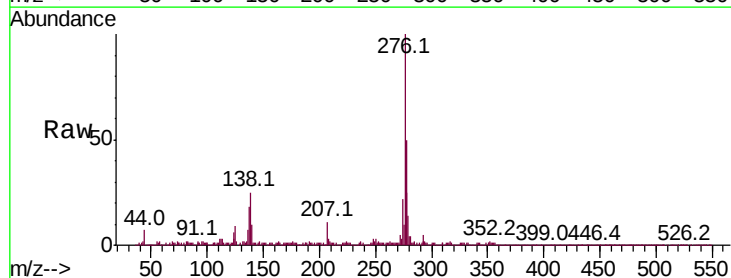
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.7	20.0	30.0
277	22.6	19.4	29.0

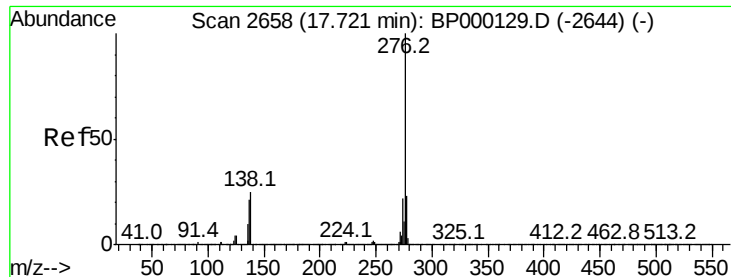


#93

Dibenzo(a,h)anthracene
Concen: 2.062 ng/ul
RT: 17.24 min Scan# 2577
Delta R.T. -0.03 min
Lab File: BP000153.D
Acq: 09 Sep 2019 23:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.9	15.1	22.7
279	28.8	19.2	28.8





#94

Benzo(a,h,i)perylene

Concen: 6.900 ng/ul

RT: 17.70 min Scan# 2654

Delta R.T. -0.02 min

Lab File: BP000153.D

Acq: 09 Sep 2019 23:42

Instrument :

BNA_P

ClientSampleId :

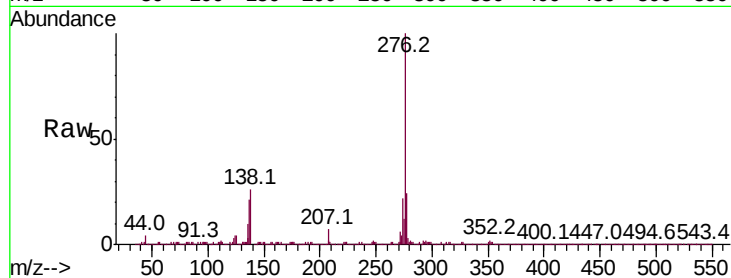
Tot Ion:276 Resp: 513787

Ion Ratio Lower Upper

276 100

138 25.9 20.0 30.0

277 23.7 19.1 28.7



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

