

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
 Data File : BP000145.D
 Acq On : 09 Sep 2019 20:27
 Operator : HP/JU
 Sample : K4633-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 10 03:37:51 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	402905	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1564739	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	858561	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1575025	20.00	ng/ul	0.00
78) Chrysene-d12	14.14	240	1311724	20.00	ng/ul	0.00
86) Perylene-d12	15.68	264	1311557	20.00	ng/ul	0.00

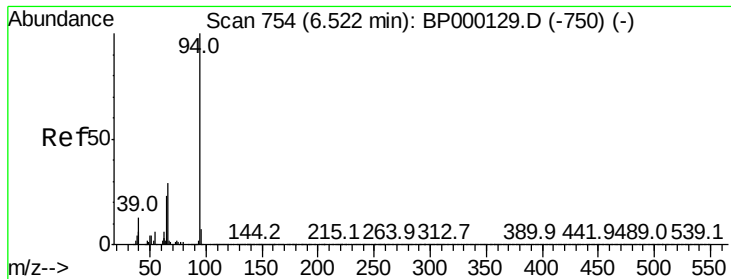
System Monitoring Compounds

3) 1,4-Dioxane-d8	2.61	96	43223	3.80	ng/uL	0.00
5) Phenol-d5	6.51	99	790975	23.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	419776	23.39	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	644795	23.23	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	593733	23.03	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	310429	26.13	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	329122	28.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	573128	23.34	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	721121	23.75	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1738914	27.43	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1994654	25.46	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	252145	22.26	ng/ul	0.00
58) Fluorene-d10	10.47	176	1407830	26.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.52	200	171762	23.73	ng/ul	0.00
71) Anthracene-d10	11.50	188	2010266	26.36	ng/ul	0.00
79) Pyrene-d10	12.90	212	2180357	27.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.58	264	1980201	29.13	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.52	94	130437	3.647	ng/ul 97
45) Dimethylphthalate	9.65	163	824998	12.896	ng/ul 100
70) Phenanthrene	11.47	178	622604	6.684	ng/ul 99
72) Anthracene	11.52	178	92687	1.011	ng/ul 98
75) Carbazole	11.67	167	93288	1.190	ng/ul 98
77) Fluoranthene	12.68	202	1430283	15.225	ng/ul 99
80) Pyrene	12.92	202	1238318	12.513	ng/ul 94
83) Benzo(a)anthracene	14.13	228	747618	7.874	ng/ul 98
85) Chrysene	14.16	228	829973	9.526	ng/ul 97
88) Benzo(b)fluoranthene	15.22	252	1346007	15.484	ng/ul 99
89) Benzo(k)fluoranthene	15.22	252	1346007	16.427	ng/ul 99
91) Benzo(a)pyrene	15.61	252	795606	9.755	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	17.23	276	642603	6.849	ng/ul 98
93) Dibenzo(a,h)anthracene	17.25	278	171141	2.202	ng/ul 96
94) Benzo(g,h,i)perylene	17.70	276	573272	7.328	ng/ul 98

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



#6

Phenol

Concen: 3.647 ng/ul

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BP000145.D

Acq: 09 Sep 2019 20:27

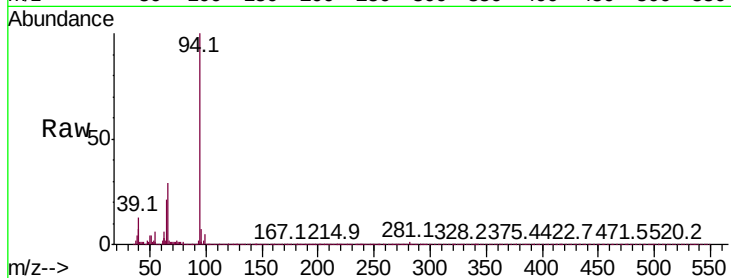
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 94 Resp: 130437

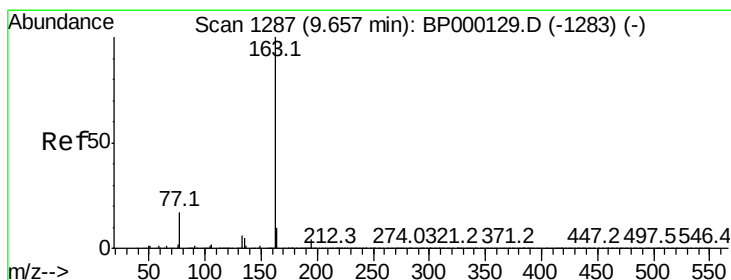
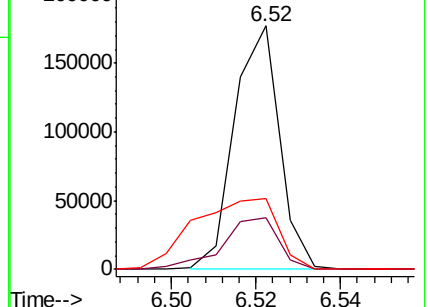
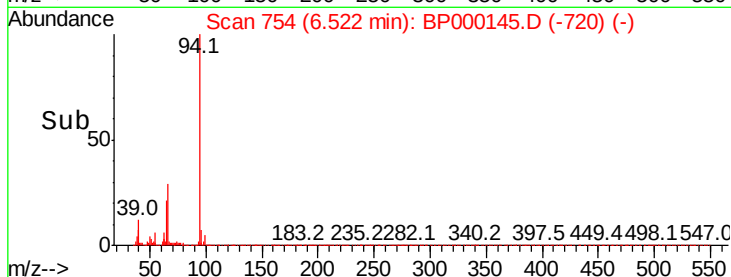
Ion	Ratio	Lower	Upper
94	100		
65	21.1	18.8	28.2
66	29.3	24.2	36.2



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



#45

Dimethylphthalate

Concen: 12.896 ng/ul

RT: 9.65 min Scan# 1286

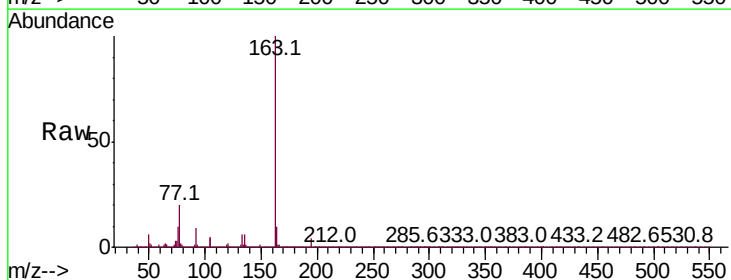
Delta R.T. -0.01 min

Lab File: BP000145.D

Acq: 09 Sep 2019 20:27

Tgt Ion:163 Resp: 824998

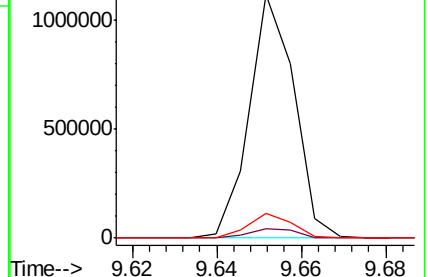
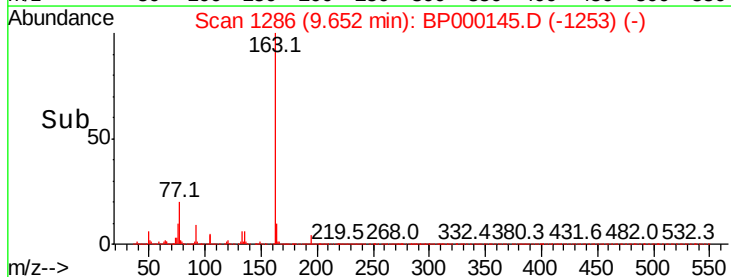
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.3	8.4	12.6

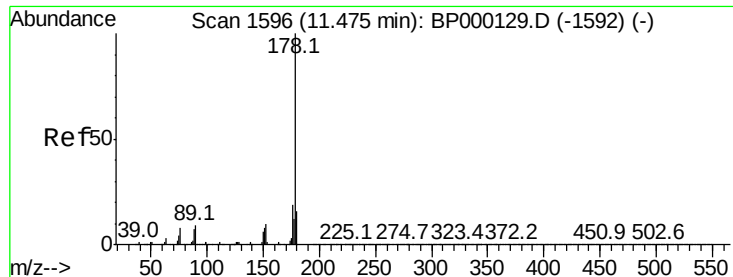


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 6.684 ng/ul

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BP000145.D

Acq: 09 Sep 2019 20:27

Instrument :

BNA_P

ClientSampleId :

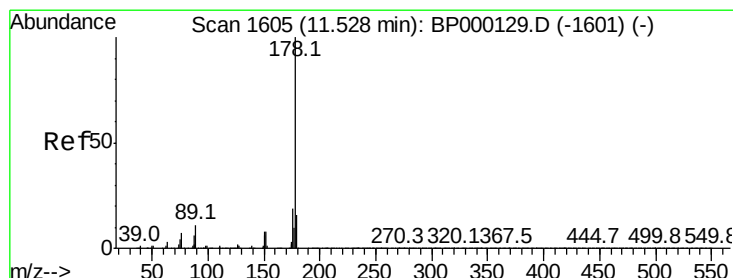
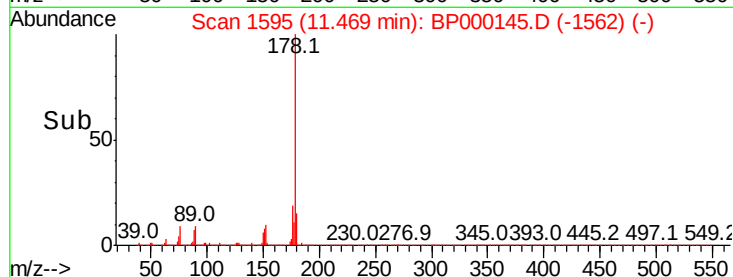
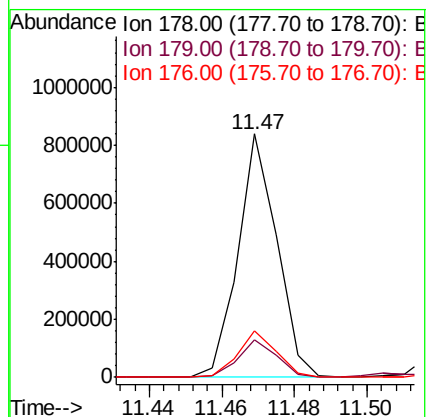
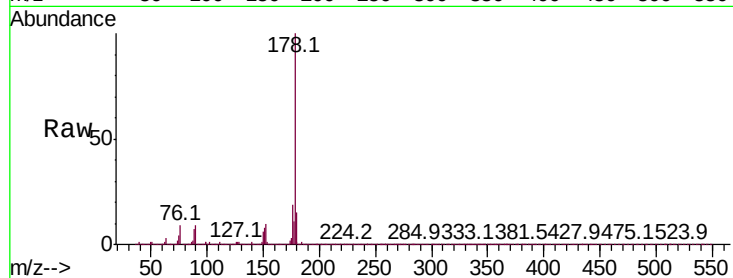
Tot Ion:178 Resp: 622604

Ion Ratio Lower Upper

178 100

179 15.3 12.5 18.7

176 19.2 15.7 23.5



#72

Anthracene

Concen: 1.011 ng/ul

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BP000145.D

Acq: 09 Sep 2019 20:27

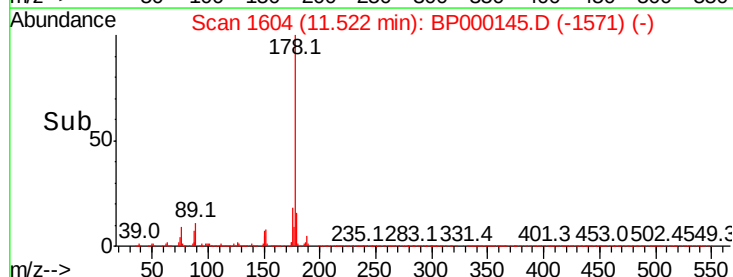
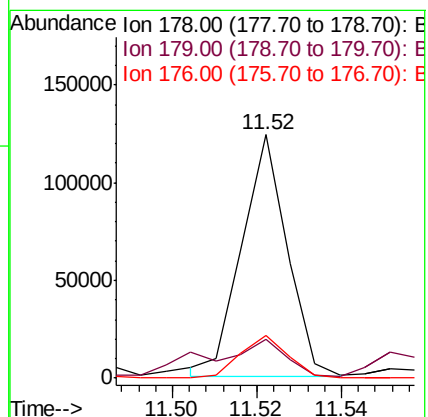
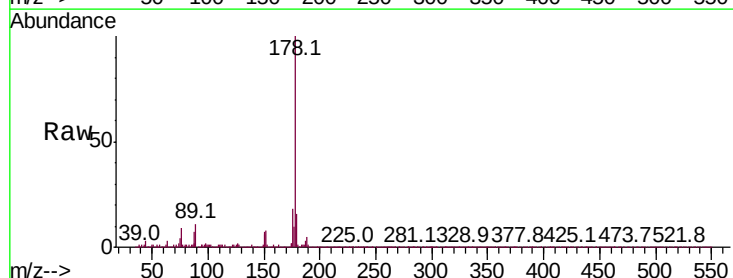
Tgt Ion:178 Resp: 92687

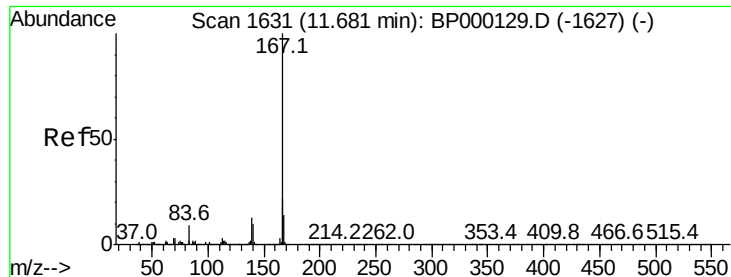
Ion Ratio Lower Upper

178 100

179 16.1 12.3 18.5

176 17.7 15.1 22.7





#75

Carbazole

Concen: 1.190 ng/ul

RT: 11.67 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BP000145.D

Acq: 09 Sep 2019 20:27

Instrument :

BNA_P

ClientSampleId :

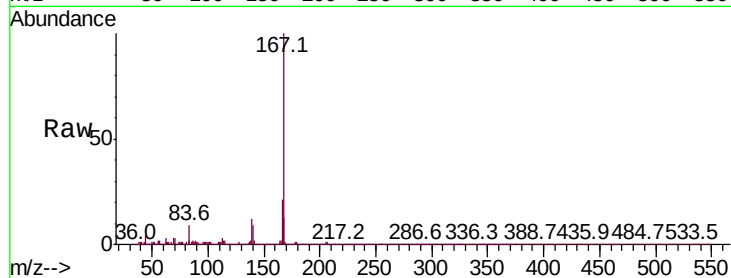
Tot Ion:167 Resp: 93288

Ion Ratio Lower Upper

167 100

166 20.8 17.3 25.9

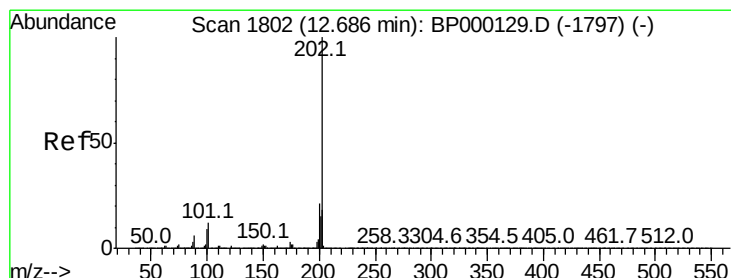
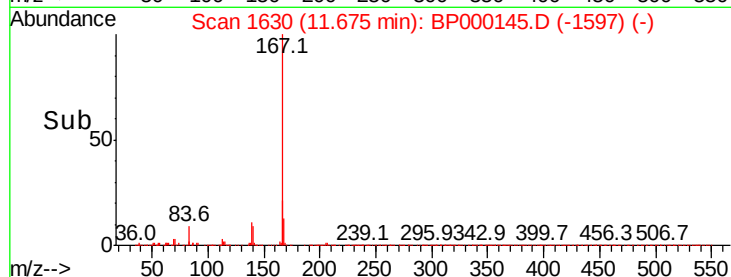
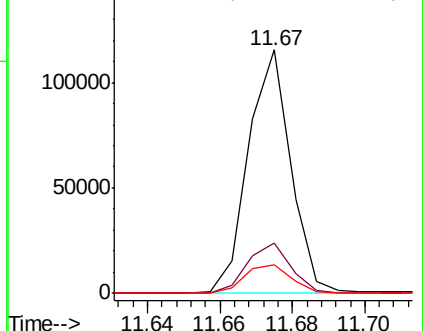
139 11.9 10.6 15.8



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: 15.225 ng/ul

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BP000145.D

Acq: 09 Sep 2019 20:27

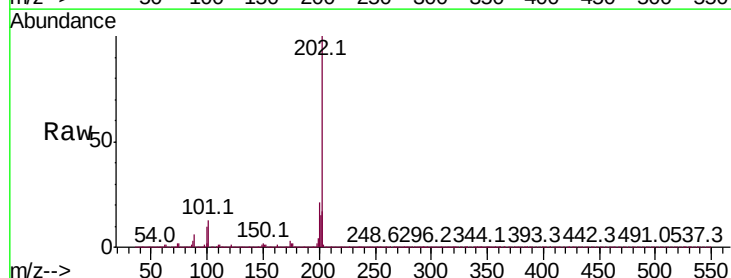
Tgt Ion:202 Resp: 1430283

Ion Ratio Lower Upper

202 100

101 12.9 10.0 15.0

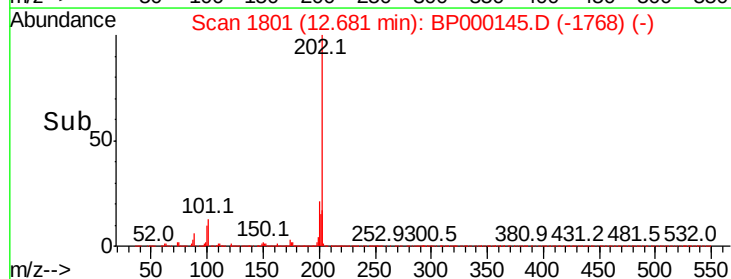
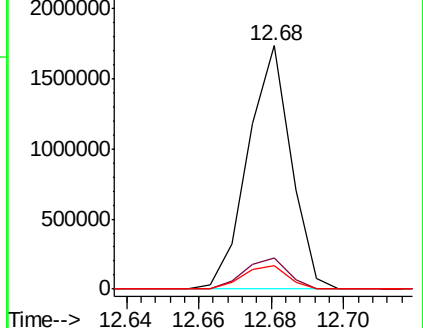
100 9.7 7.4 11.2

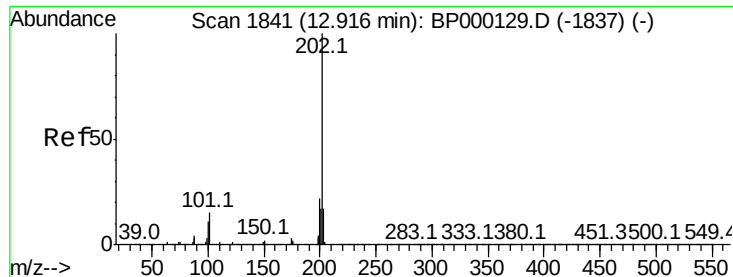


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

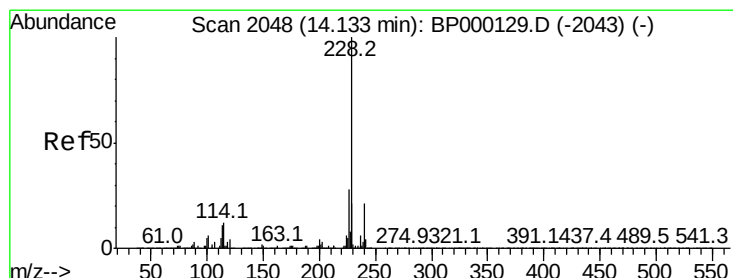
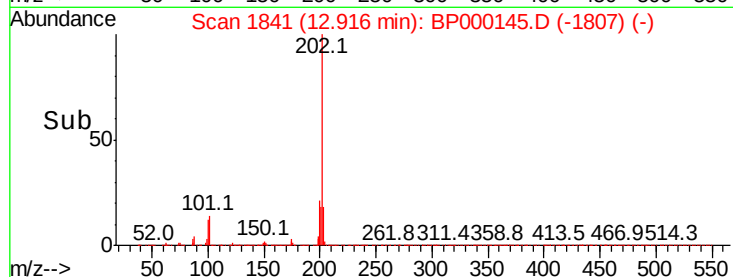
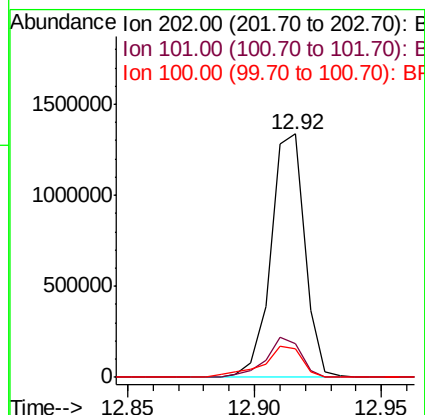
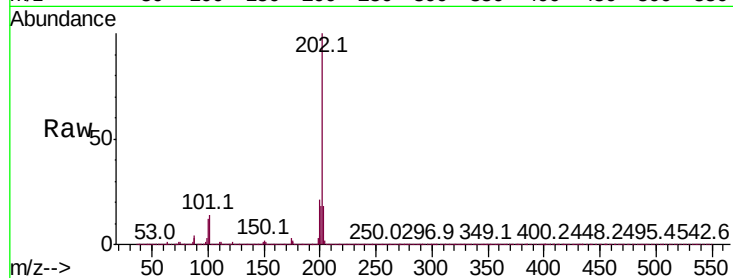




#80
Pvrene
Concen: 12.513 ng/ul
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000145.D
Acq: 09 Sep 2019 20:27

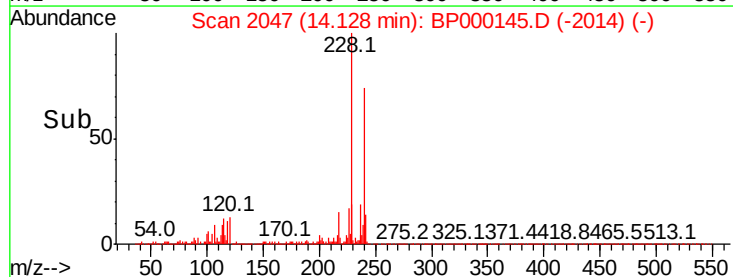
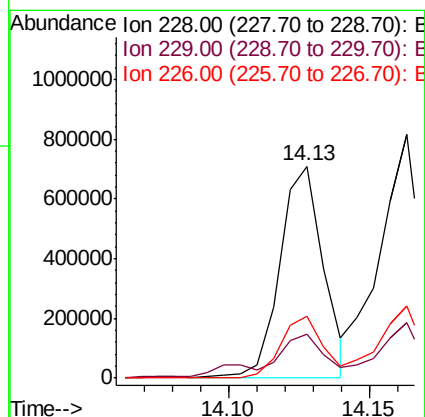
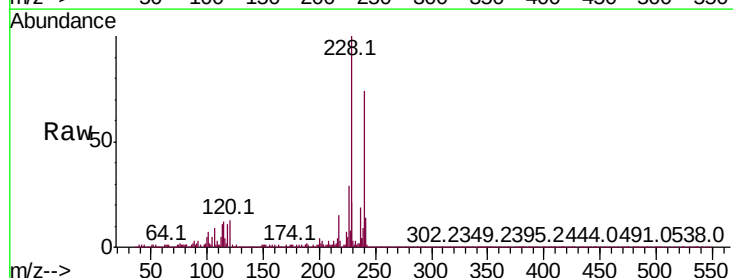
Instrument :
BNA_P
ClientSampleId :

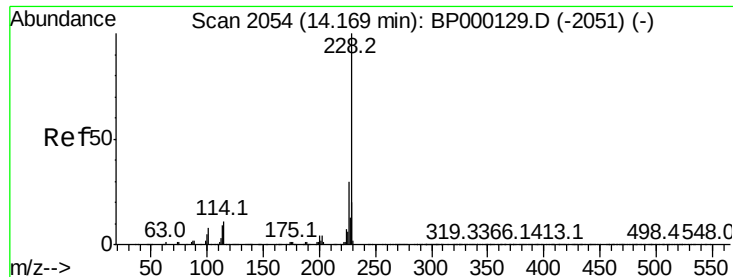
Tot Ion:202 Resp: 1238318
Ion Ratio Lower Upper
202 100
101 14.0 13.4 20.0
100 11.6 10.8 16.2



#83
Benzo(a)anthracene
Concen: 7.874 ng/ul
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP000145.D
Acq: 09 Sep 2019 20:27

Tgt Ion:228 Resp: 747618
Ion Ratio Lower Upper
228 100
229 20.7 15.9 23.9
226 28.9 22.1 33.1





#85

Chrysene

Concen: 9.526 ng/ul

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BP000145.D

Acq: 09 Sep 2019 20:27

Instrument :

BNA_P

ClientSampled :

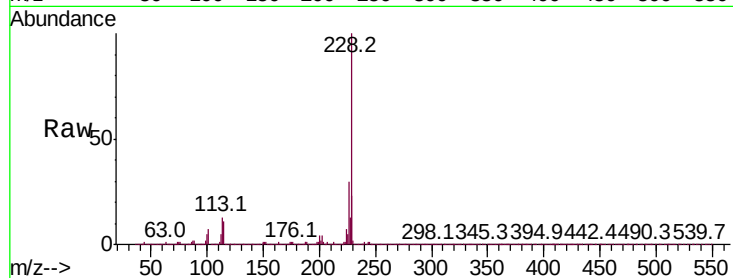
Tot Ion:228 Resp: 829973

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.4	36.6
229	22.6	16.0	24.0

228 100

226 29.9 24.4 36.6

229 22.6 16.0 24.0

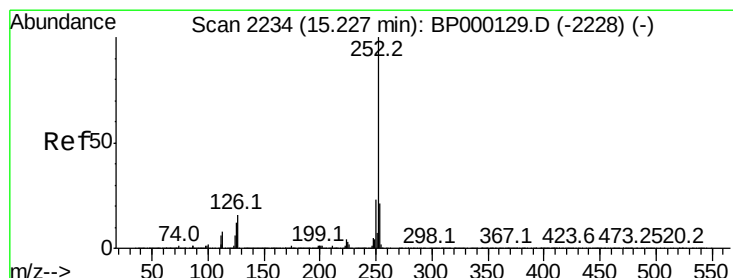
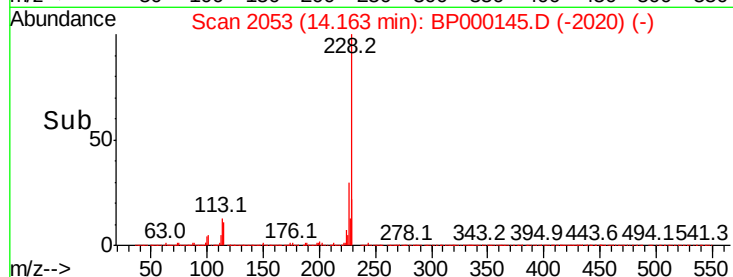
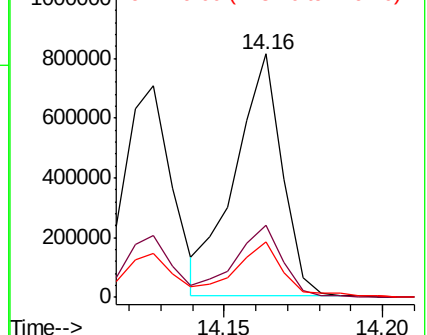


Abundance

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: 15.484 ng/ul

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BP000145.D

Acq: 09 Sep 2019 20:27

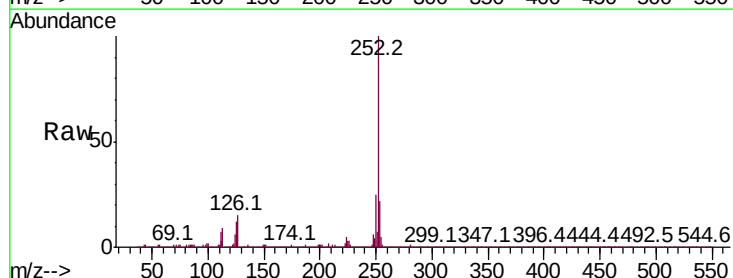
Tgt Ion:252 Resp: 1346007

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	12.3	9.9	14.9

252 100

253 22.2 17.5 26.3

125 12.3 9.9 14.9

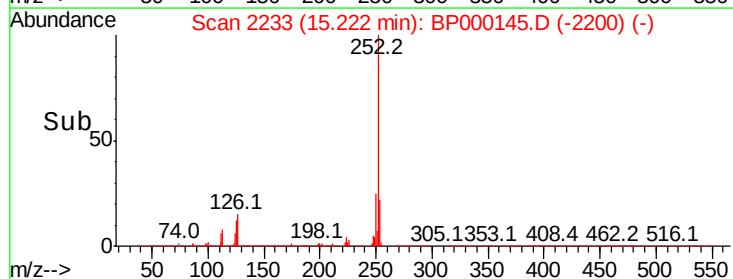
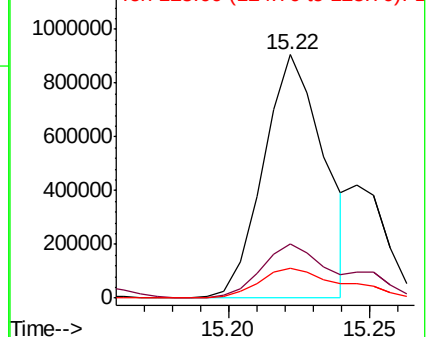


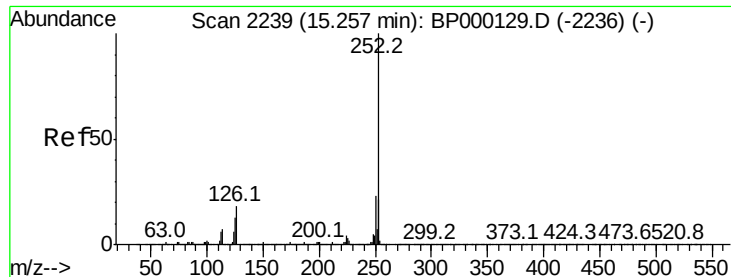
Abundance

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: 16.427 ng/ul

RT: 15.22 min Scan# 2233

Delta R.T. -0.04 min

Lab File: BP000145.D

Acq: 09 Sep 2019 20:27

Instrument :

BNA_P

ClientSampled :

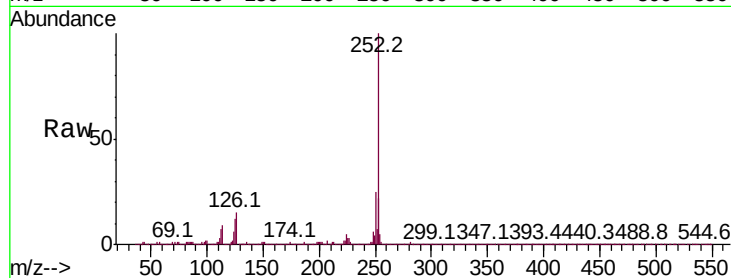
Tot Ion:252 Resp: 1346007

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

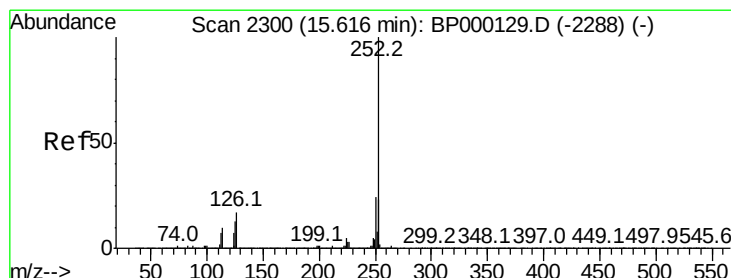
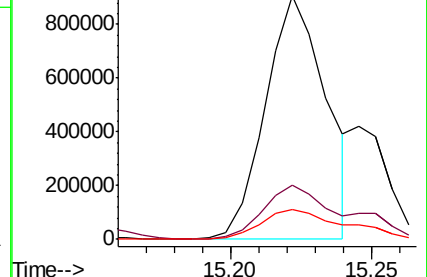
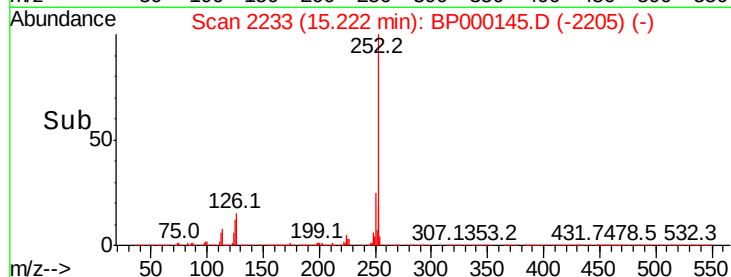
125 12.3 10.2 15.2



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: 9.755 ng/ul

RT: 15.61 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BP000145.D

Acq: 09 Sep 2019 20:27

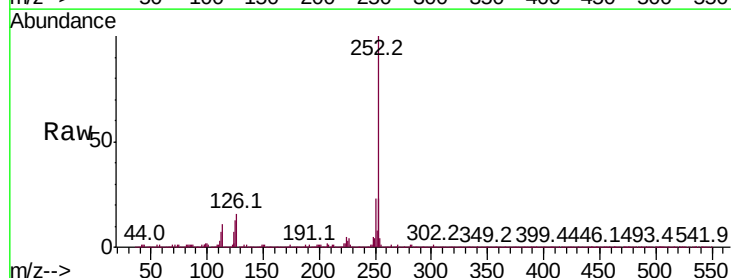
Tgt Ion:252 Resp: 795606

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

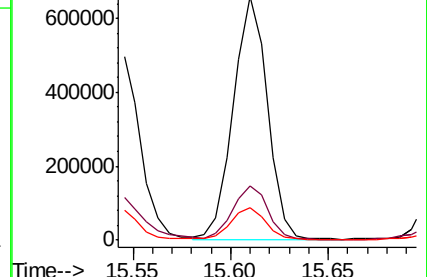
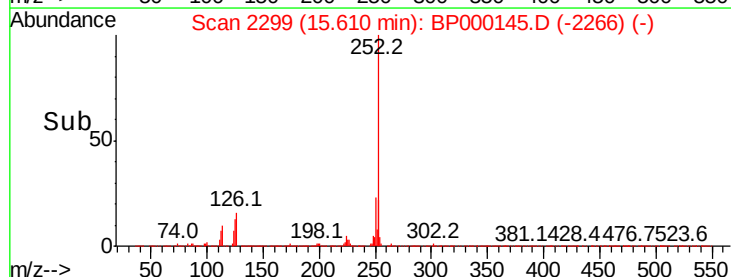
125 13.4 10.2 15.2

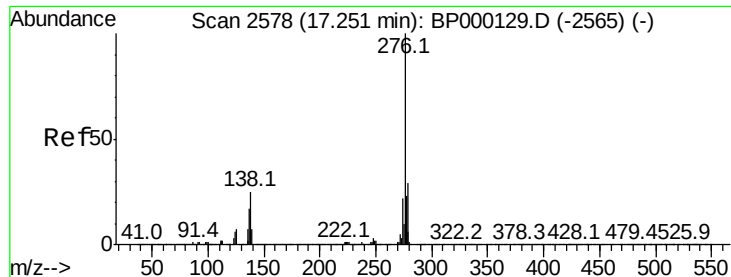


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



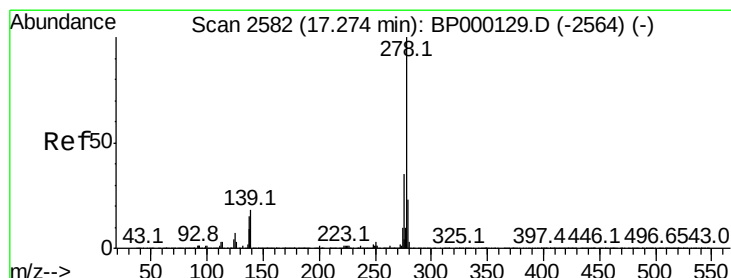
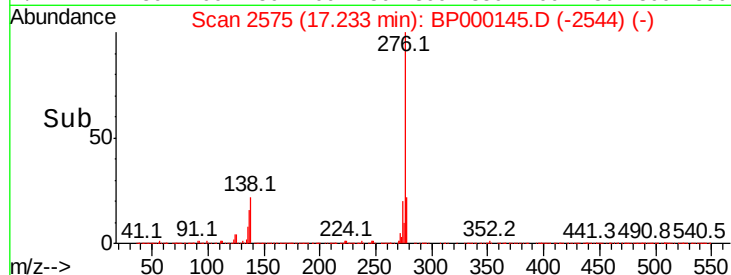
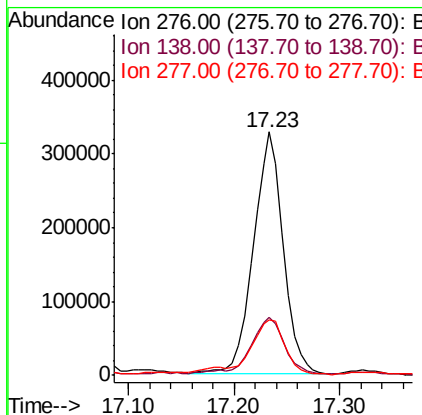
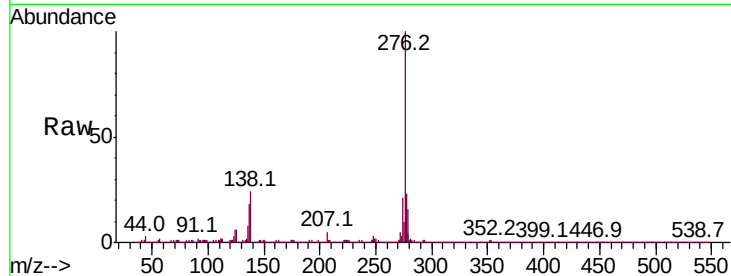


#92

Indeno(1,2,3-cd)pyrene
Concen: 6.849 ng/ul
RT: 17.23 min Scan# 2575
Delta R.T. -0.02 min
Lab File: BP000145.D
Acq: 09 Sep 2019 20:27

Instrument :
BNA_P
ClientSampleId :

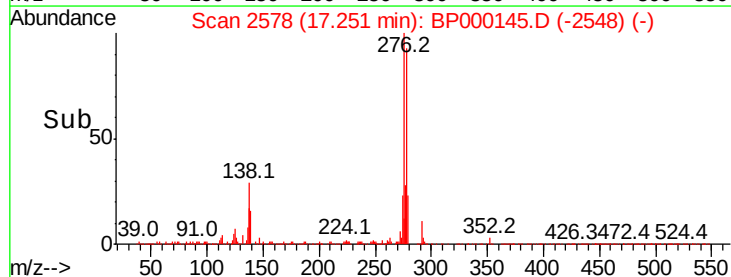
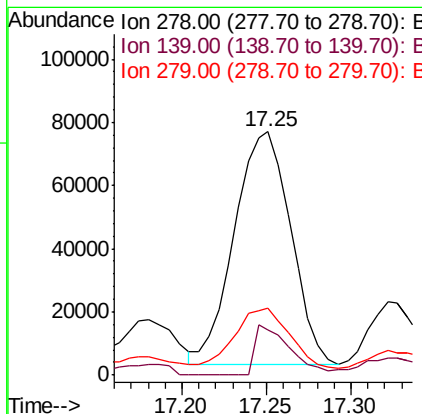
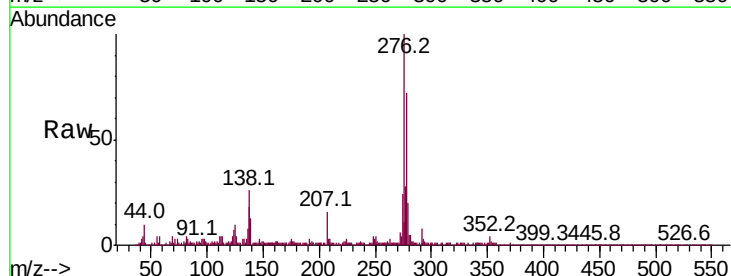
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.8	20.0	30.0
277	23.0	19.4	29.0

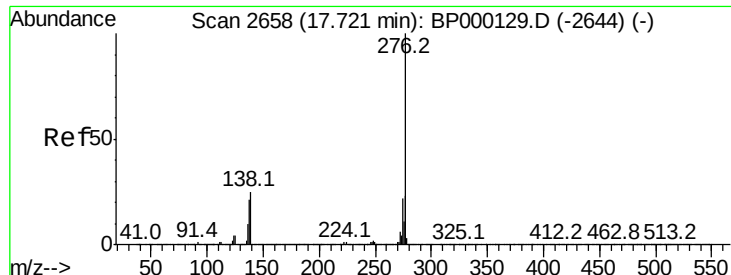


#93

Dibenzo(a,h)anthracene
Concen: 2.202 ng/ul
RT: 17.25 min Scan# 2578
Delta R.T. -0.02 min
Lab File: BP000145.D
Acq: 09 Sep 2019 20:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.1	22.7
279	27.6	19.2	28.8





#94

Benzo(a,h,i)perylene

Concen: 7.328 ng/ul

RT: 17.70 min Scan# 2654

Delta R.T. -0.02 min

Lab File: BP000145.D

Acq: 09 Sep 2019 20:27

Instrument :

BNA_P

ClientSampleId :

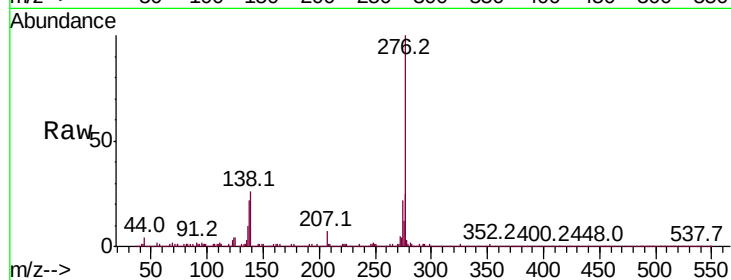
Tot Ion:276 Resp: 573272

Ion Ratio Lower Upper

276 100

138 25.7 20.0 30.0

277 24.8 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

