

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122420\
 Data File : BP004439.D
 Acq On : 24 Dec 2020 18:52
 Operator : CG/JU
 Sample : L5132-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54T7

Quant Time: Dec 25 01:12:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 25 01:03:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	231948	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	859752	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	488086	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	996558	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	1121200	20.00	ng/ul	0.00
86) Perylene-d12	23.68	264	1267080	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	17153	3.08	ng/uL	0.00
5) Phenol-d5	6.99	99	306510	15.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	181053	16.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	266414	16.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	222822	13.89	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	124515	16.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	130328	16.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	248206	16.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	264003	15.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	734853	18.81	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	950422	19.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	74892	10.61	ng/ul	0.00
58) Fluorene-d10	15.46	176	649294	19.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	73942	11.50	ng/ul	0.00
71) Anthracene-d10	17.33	188	968211	19.67	ng/ul	0.00
79) Pyrene-d10	19.57	212	1168314	19.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	1490321	21.35	ng/ul	0.00

Target Compounds

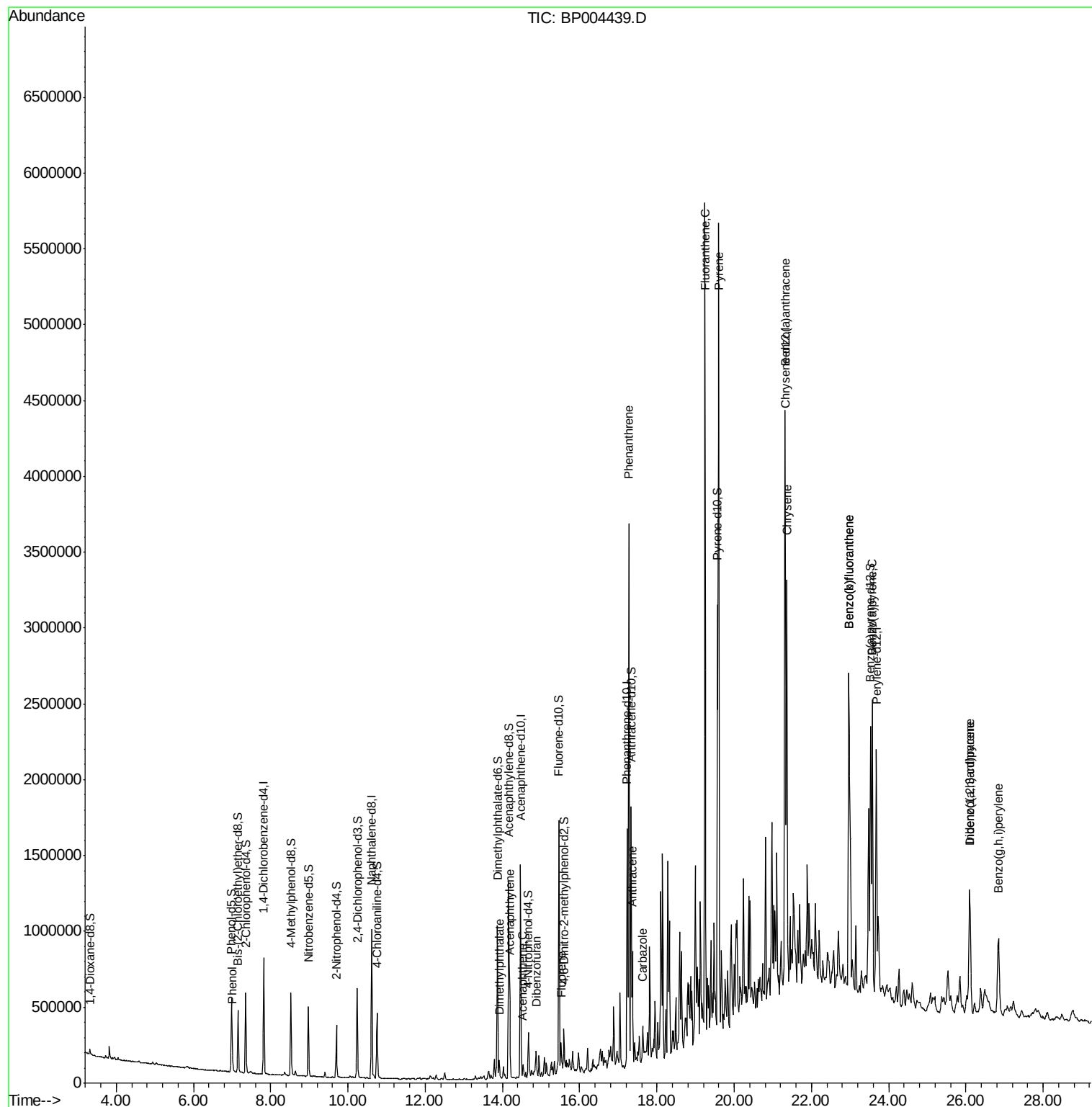
					Ovalue
6) Phenol	7.01	94	43631	2.154	ng/ul 96
45) Dimethylphthalate	13.92	163	50616	1.293	ng/ul 100
48) Acenaphthylene	14.19	152	363404	7.667	ng/ul 99
50) Acenaphthene	14.53	153	35228	1.061	ng/ul 97
54) Dibenzofuran	14.87	168	51758	1.107	ng/ul 96
59) Fluorene	15.52	166	88809	2.344	ng/ul 98
70) Phenanthrene	17.27	178	2295983	39.673	ng/ul 100
72) Anthracene	17.36	178	474793	8.192	ng/ul 100
75) Carbazole	17.63	167	126926	2.649	ng/ul 97
77) Fluoranthene	19.25	202	3183991	48.501	ng/ul 99
80) Pyrene	19.60	202	3229799	42.301	ng/ul 98
83) Benzo(a)anthracene	21.31	228	1558274	20.621	ng/ul 96
85) Chrysene	21.36	228	1630099	22.342	ng/ul 98
88) Benzo(b)fluoranthene	22.97	252	1823530	22.065	ng/ul 100
89) Benzo(k)fluoranthene	22.97	252	1823530	22.742	ng/ul 99
91) Benzo(a)pyrene	23.58	252	1415555	18.569	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	26.10	276	912447	9.473	ng/ul# 95
93) Dibenzo(a,h)anthracene	26.11	278	234895	2.928	ng/ul# 82
94) Benzo(g,h,i)perylene	26.84	276	707120	8.751	ng/ul 98

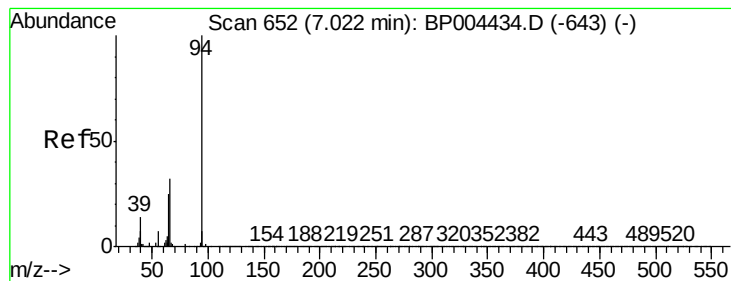
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 25 01:03:58 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.154 ng/ul

RT: 7.01 min Scan# 650

Delta R.T. -0.01 min

Lab File: BP004439.D

Acq: 24 Dec 2020 18:52

Instrument :

BNA_P

ClientSampleId :

A54T7

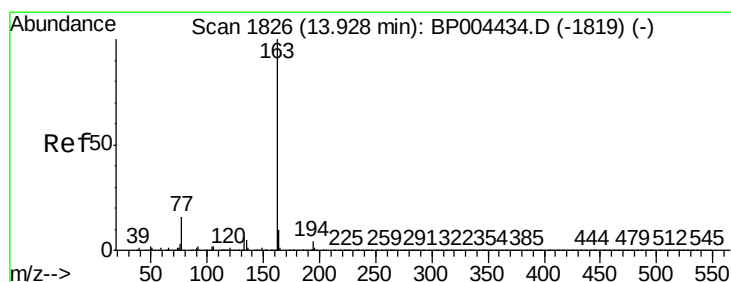
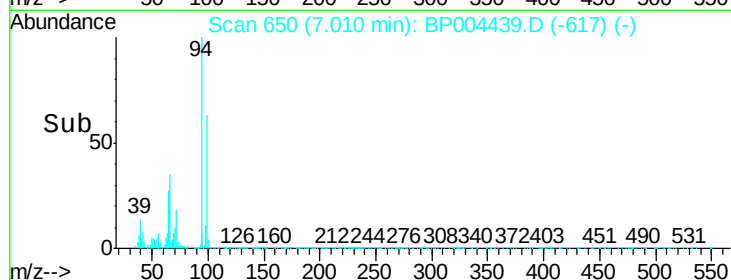
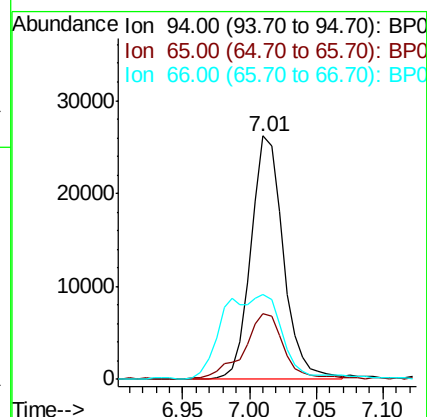
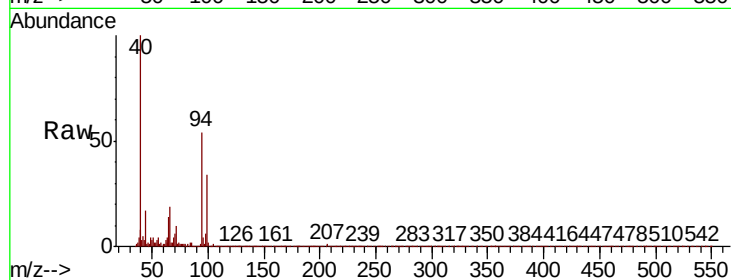
Tot Ion: 94 Resp: 43631

Ion Ratio Lower Upper

94 100

65 27.0 20.3 30.5

66 35.1 26.2 39.2



#45

Dimethylphthalate

Concen: 1.293 ng/ul

RT: 13.92 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BP004439.D

Acq: 24 Dec 2020 18:52

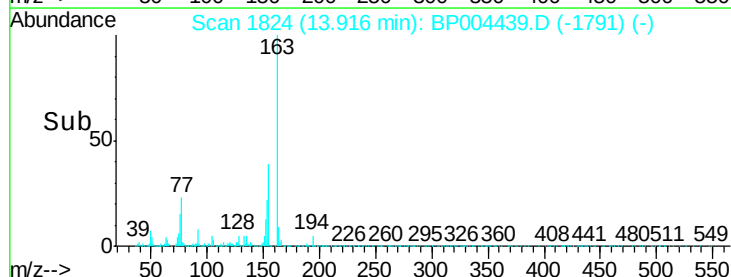
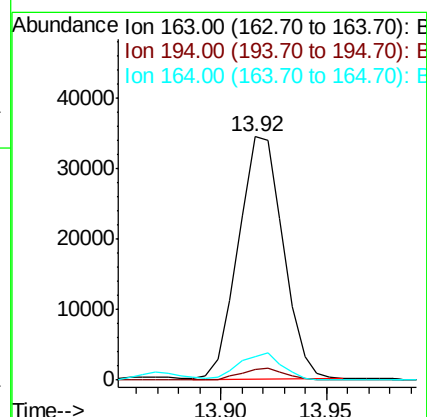
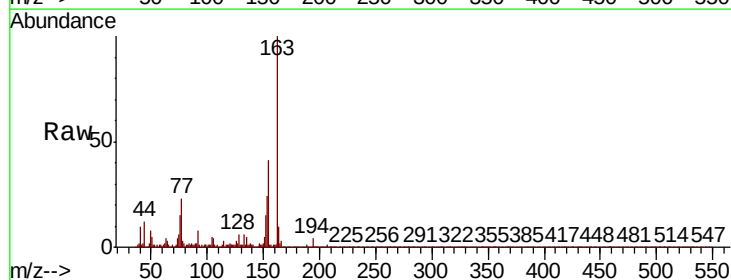
Tgt Ion: 163 Resp: 50616

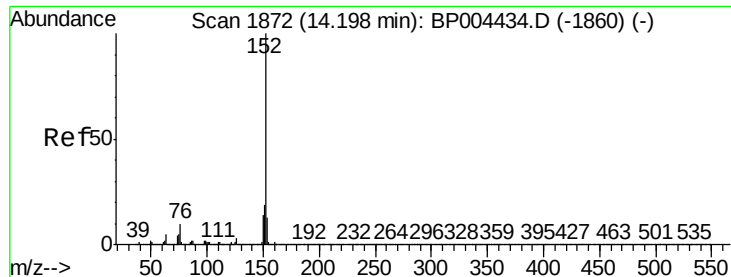
Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 9.6 7.8 11.8





#48

Acenaphthylene

Concen: 7.667 ng/ul

RT: 14.19 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BP004439.D

Acq: 24 Dec 2020 18:52

Instrument :

BNA_P

ClientSampleId :

A54T7

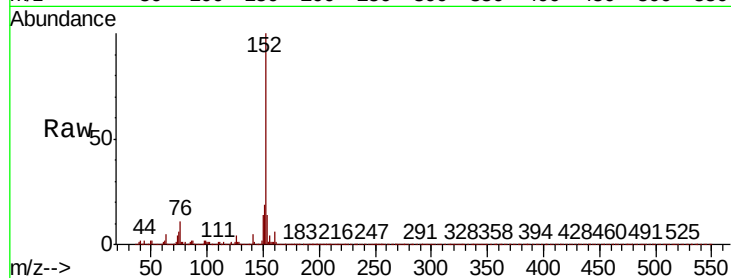
Tot Ion:152 Resp: 363404

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.6

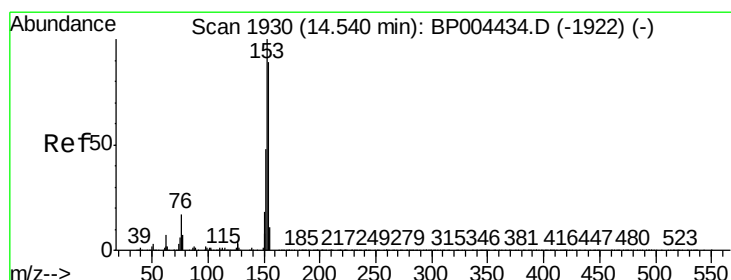
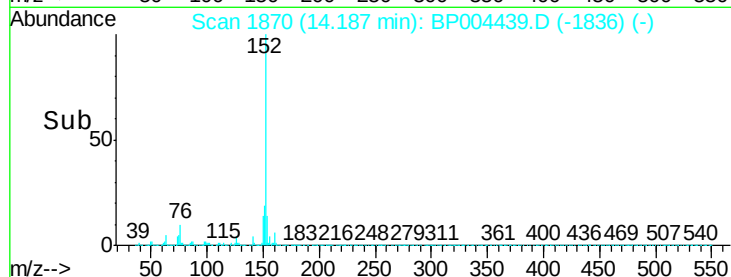
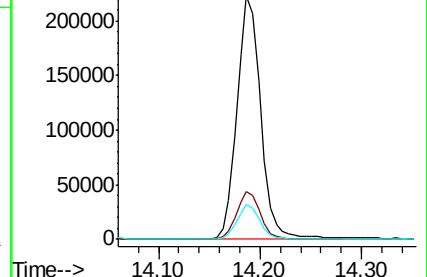
153 14.1 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Acenaphthene

Concen: 1.061 ng/ul

RT: 14.53 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BP004439.D

Acq: 24 Dec 2020 18:52

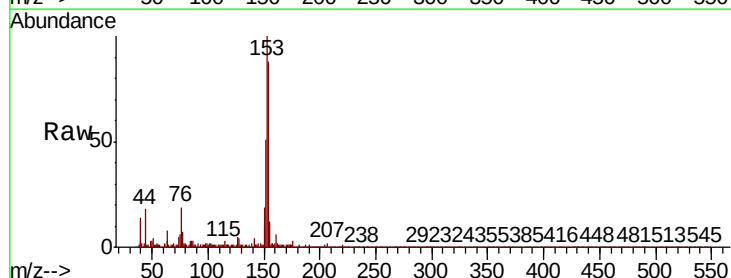
Tgt Ion:153 Resp: 35228

Ion Ratio Lower Upper

153 100

152 51.0 37.8 56.8

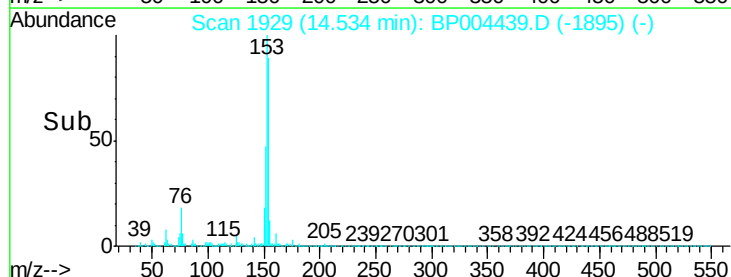
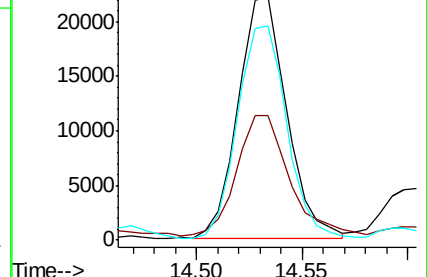
154 87.9 71.4 107.0

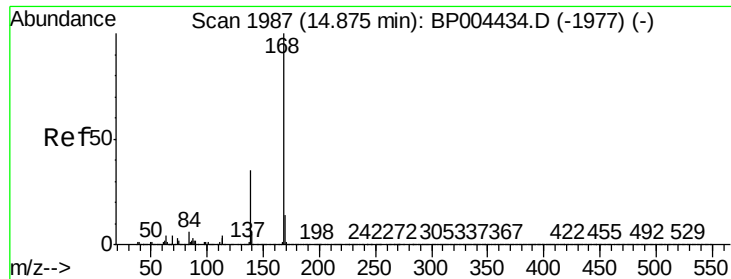


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 1.107 ng/ul

RT: 14.87 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BP004439.D

Acq: 24 Dec 2020 18:52

Instrument :

BNA_P

ClientSampleId :

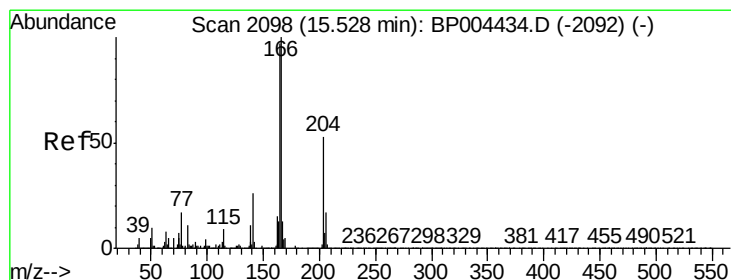
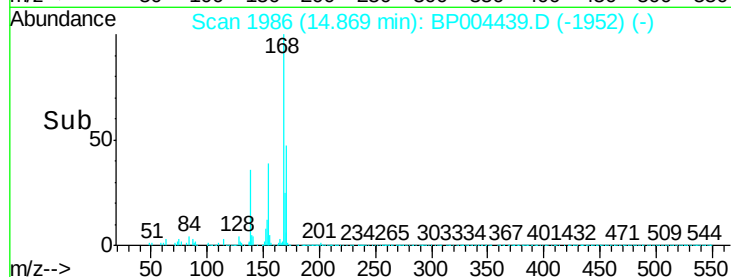
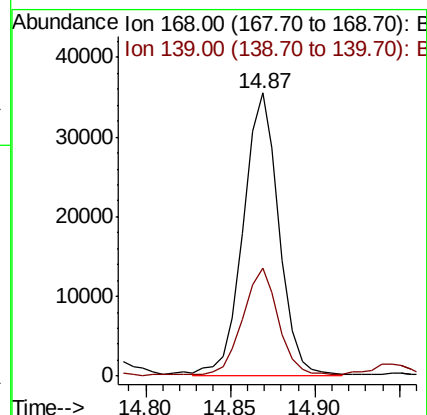
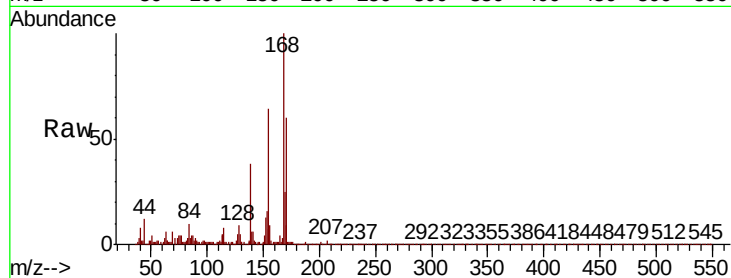
A54T7

Tot Ion:168 Resp: 51758

Ion Ratio Lower Upper

168 100

139 38.0 28.3 42.5



#59

Fluorene

Concen: 2.344 ng/ul

RT: 15.52 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BP004439.D

Acq: 24 Dec 2020 18:52

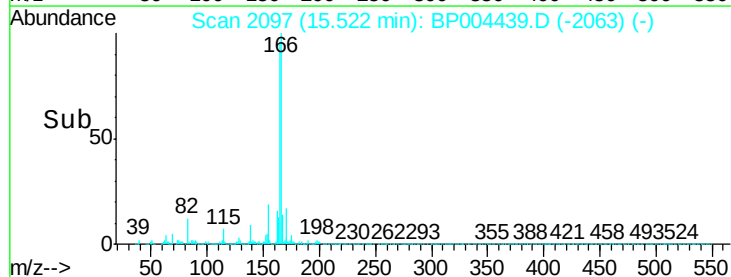
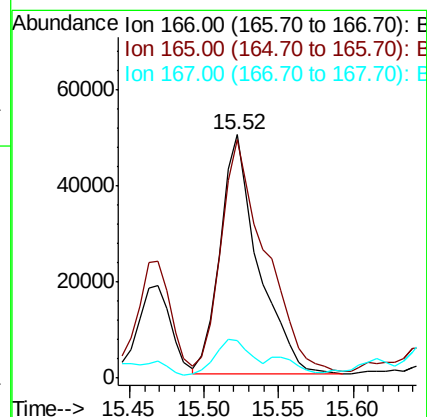
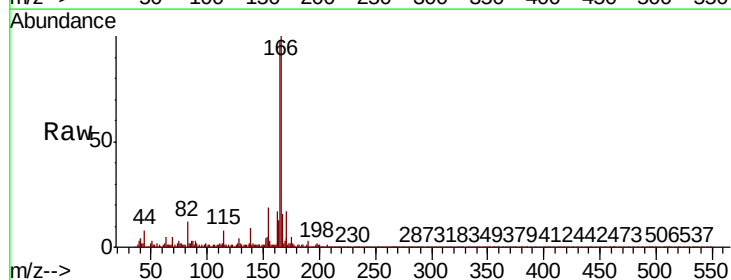
Tgt Ion:166 Resp: 88809

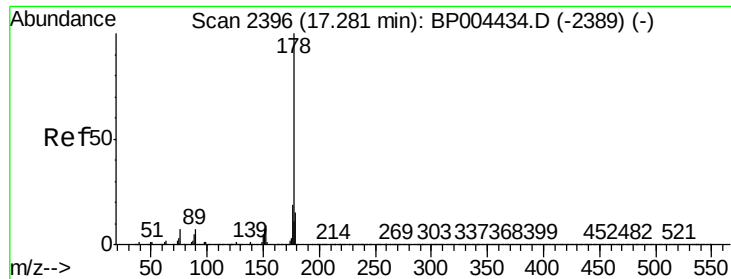
Ion Ratio Lower Upper

166 100

165 97.8 79.2 118.8

167 15.6 10.8 16.2





#70

Phenanthrene

Concen: 39.673 ng/ul

RT: 17.27 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BP004439.D

Acq: 24 Dec 2020 18:52

Instrument :

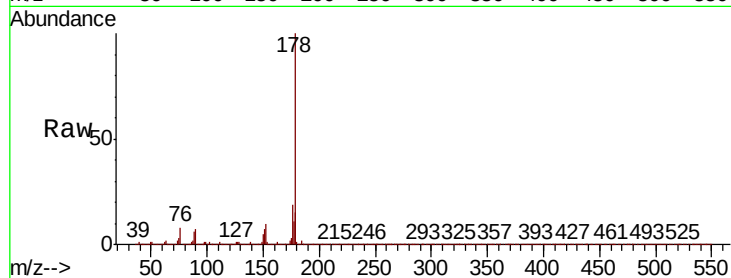
BNA_P

ClientSampleId :

A54T7

Tot Ion:178 Resp: 2295983

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	19.1	15.3	22.9

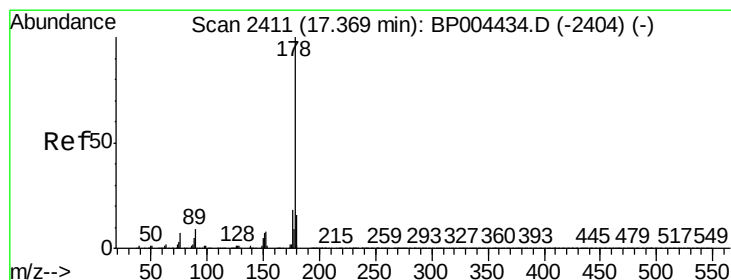
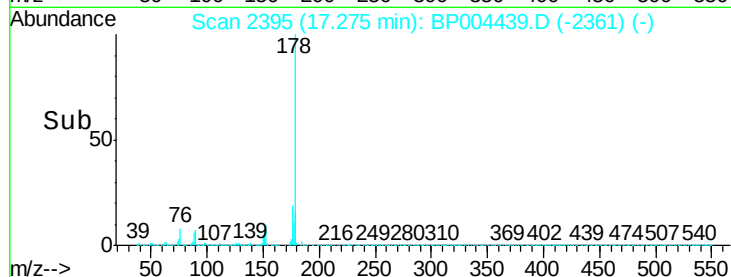
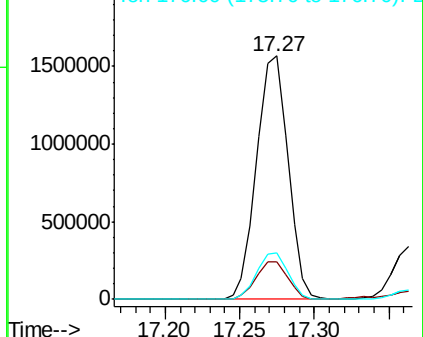


Abundance

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: 8.192 ng/ul

RT: 17.36 min Scan# 2410

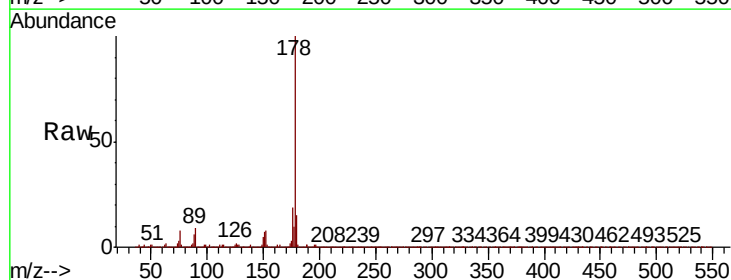
Delta R.T. 0.00 min

Lab File: BP004439.D

Acq: 24 Dec 2020 18:52

Tgt Ion:178 Resp: 474793

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	18.8	15.0	22.4

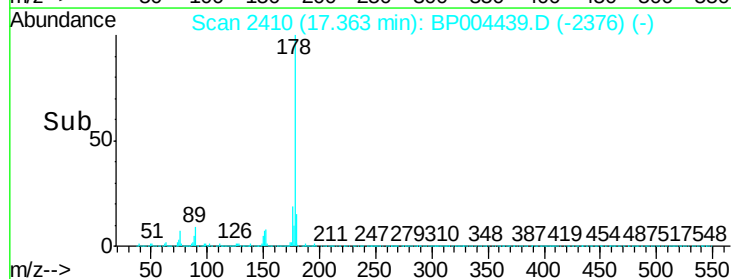
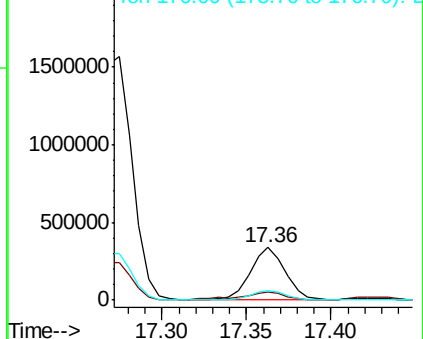


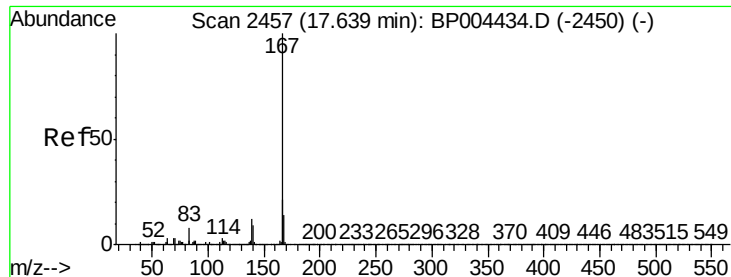
Abundance

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: 2.649 ng/ul

RT: 17.63 min Scan# 2456

Delta R.T. 0.00 min

Lab File: BP004439.D

Acq: 24 Dec 2020 18:52

Instrument :

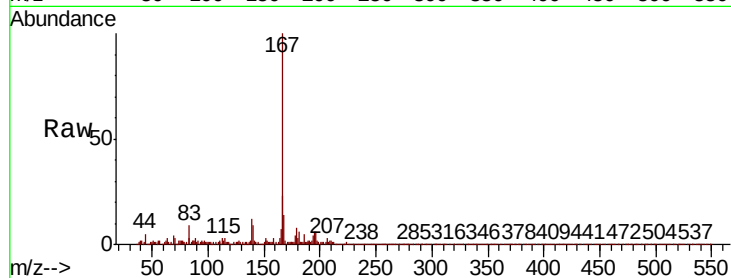
BNA_P

ClientSampleId :

A54T7

Tot Ion:167 Resp: 126926

Ion	Ratio	Lower	Upper
167	100		
166	23.3	16.9	25.3
139	12.1	9.5	14.3

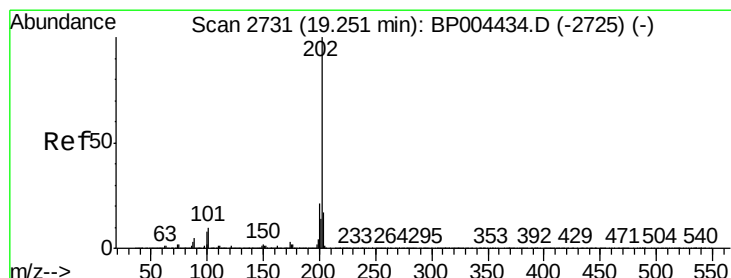
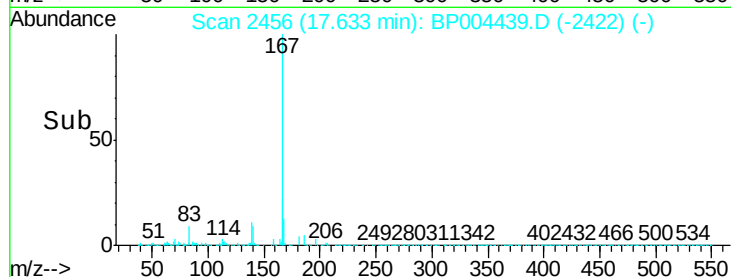
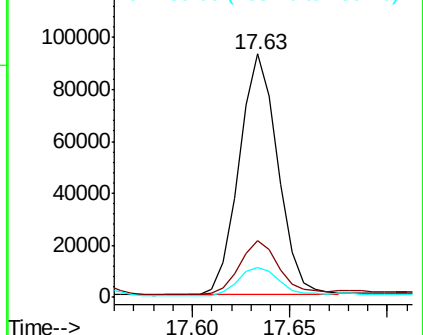


Abundance

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: 48.501 ng/ul

RT: 19.25 min Scan# 2730

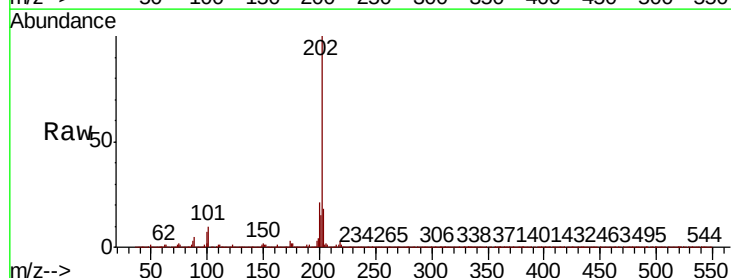
Delta R.T. 0.00 min

Lab File: BP004439.D

Acq: 24 Dec 2020 18:52

Tgt Ion:202 Resp: 3183991

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.0	12.0
100	7.3	6.2	9.4

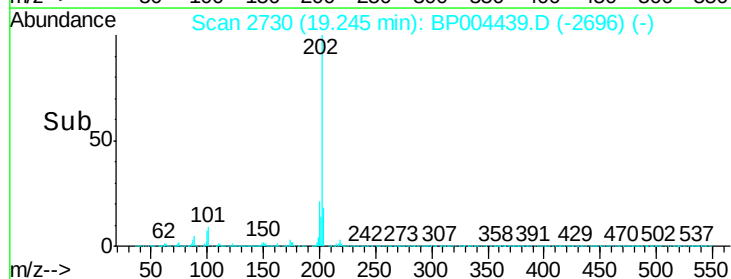
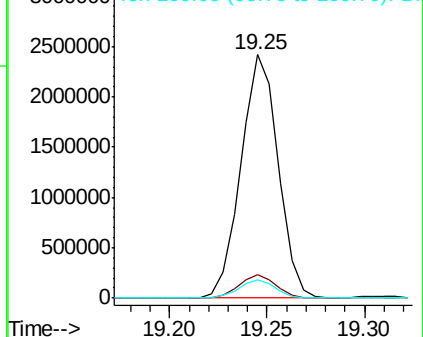


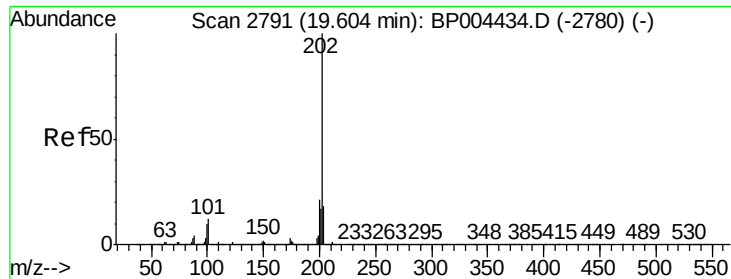
Abundance

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): E

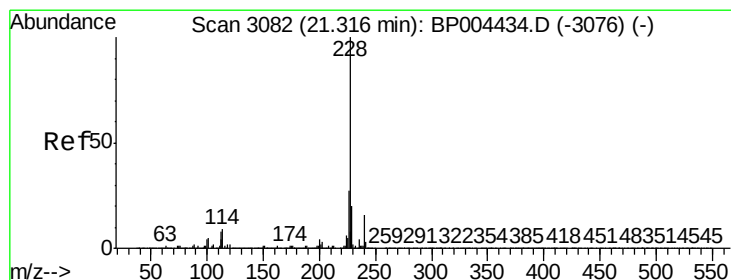
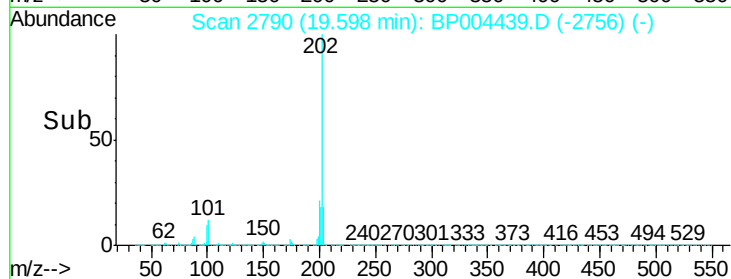
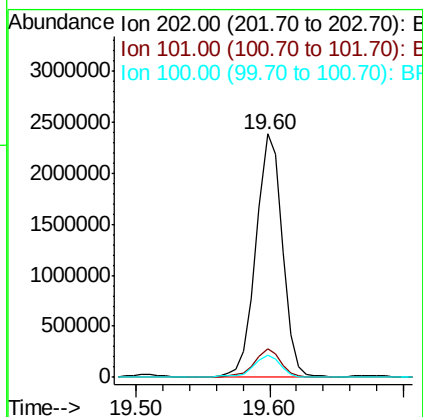
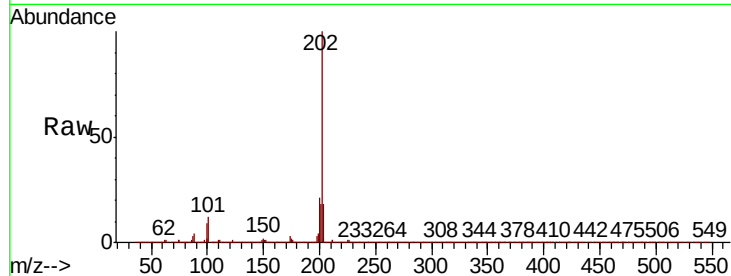




#80
Pvrene
Concen: 42.301 ng/ul
RT: 19.60 min Scan# 2790
Delta R.T. 0.00 min
Lab File: BP004439.D
Acq: 24 Dec 2020 18:52

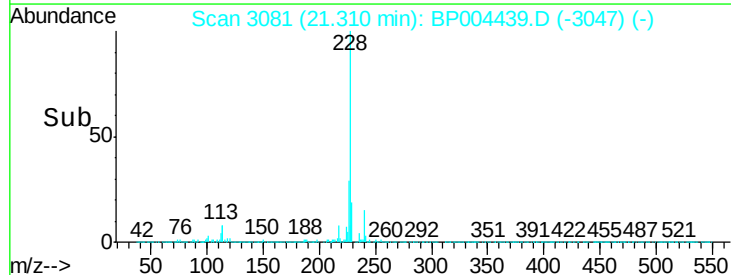
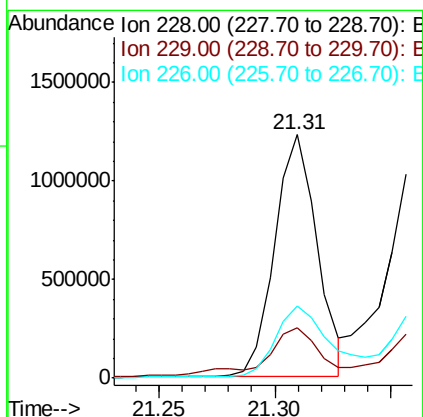
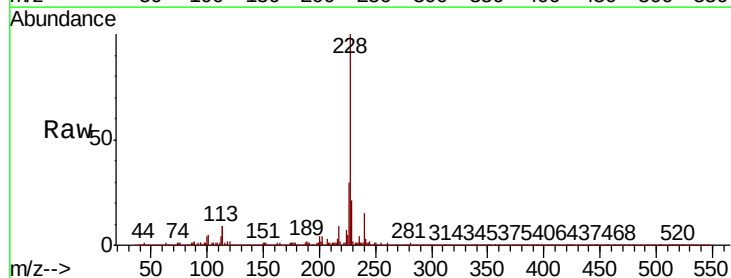
Instrument :
BNA_P
ClientSampleId :
A54T7

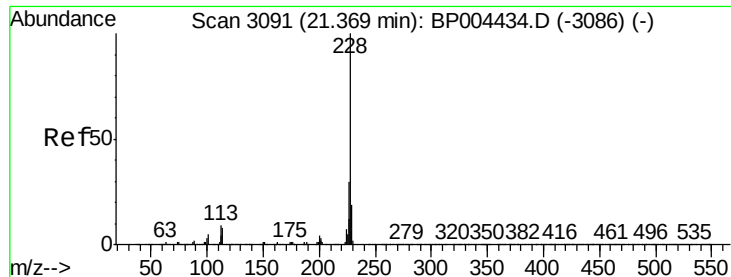
Tot Ion:202 Resp: 3229799
Ion Ratio Lower Upper
202 100
101 11.5 9.8 14.8
100 9.3 8.0 12.0



#83
Benzo(a)anthracene
Concen: 20.621 ng/ul
RT: 21.31 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BP004439.D
Acq: 24 Dec 2020 18:52

Tgt Ion:228 Resp: 1558274
Ion Ratio Lower Upper
228 100
229 20.9 15.4 23.2
226 29.6 21.6 32.4





#85

Chrysene

Concen: 22.342 ng/ul

RT: 21.36 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BP004439.D

Acq: 24 Dec 2020 18:52

Instrument :

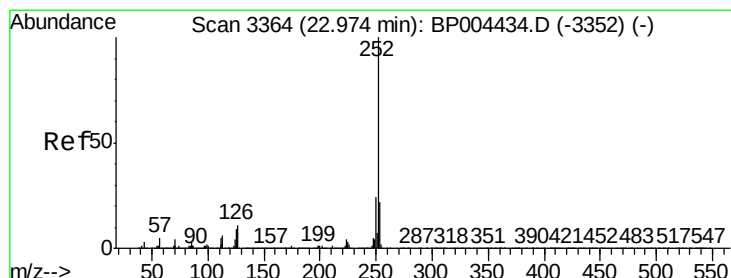
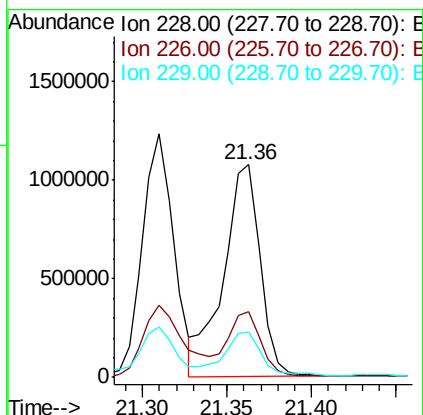
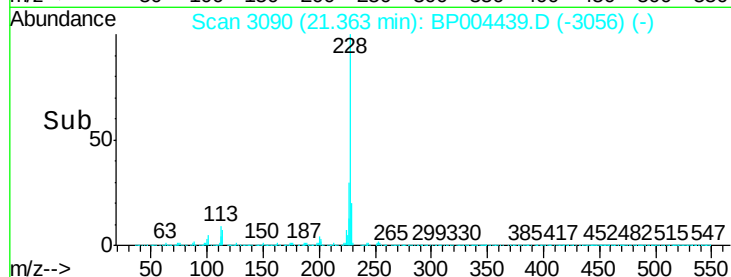
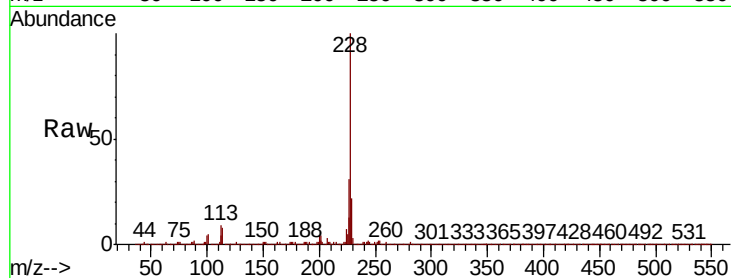
BNA_P

ClientSampleId :

A54T7

Tot Ion:228 Resp: 1630099

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	21.5	15.8	23.6



#88

Benzo(b)fluoranthene

Concen: 22.065 ng/ul

RT: 22.97 min Scan# 3363

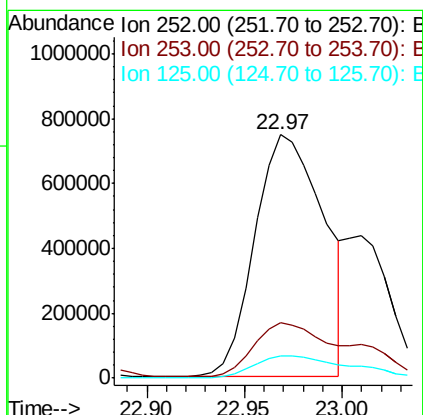
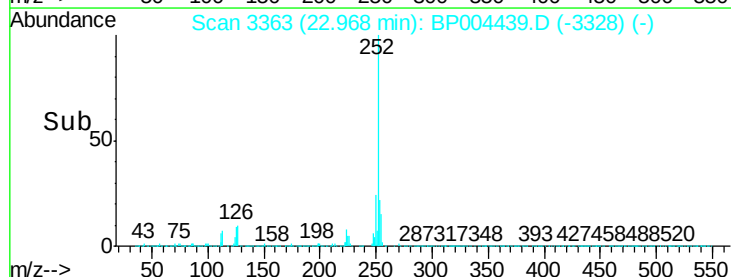
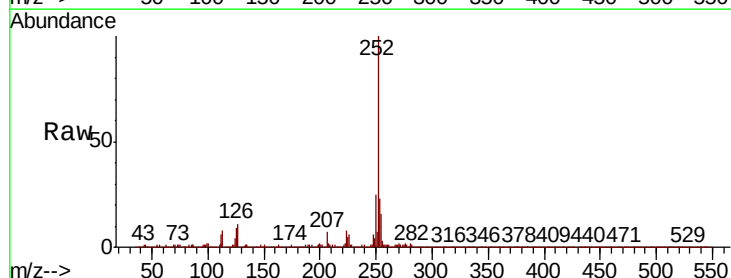
Delta R.T. 0.01 min

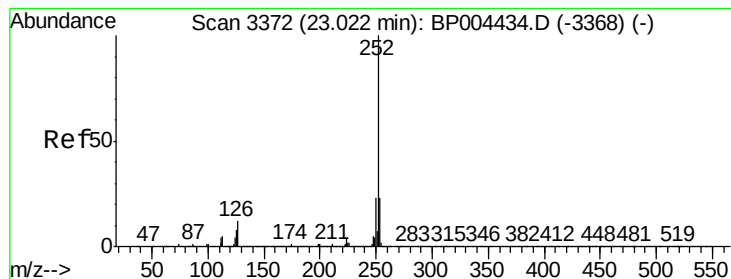
Lab File: BP004439.D

Acq: 24 Dec 2020 18:52

Tgt Ion:252 Resp: 1823530

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	8.9	7.2	10.8





#89

Benzo(k)fluoranthene

Concen: 22.742 ng/ul

RT: 22.97 min Scan# 3363

Delta R.T. -0.04 min

Lab File: BP004439.D

Acq: 24 Dec 2020 18:52

Instrument :

BNA_P

ClientSampleId :

A54T7

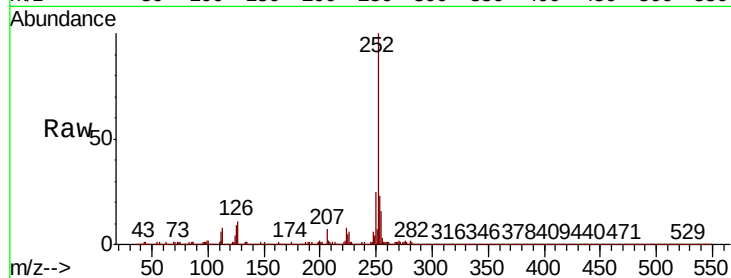
Tot Ion:252 Resp: 1823530

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

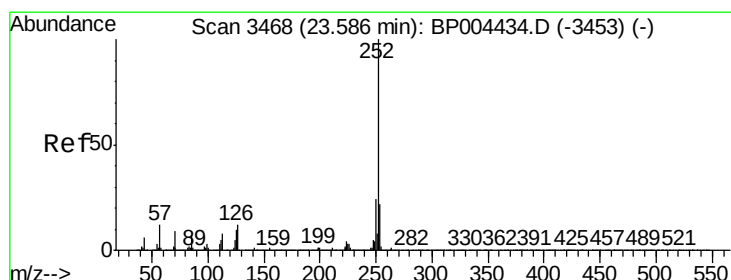
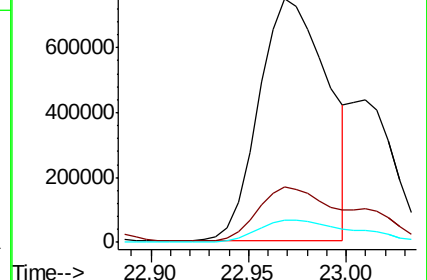
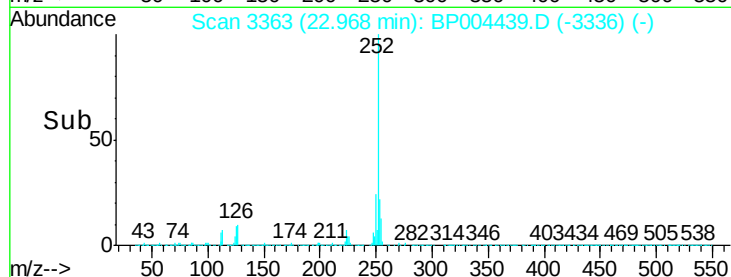
125 8.9 7.2 10.8



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: 18.569 ng/ul

RT: 23.58 min Scan# 3467

Delta R.T. 0.01 min

Lab File: BP004439.D

Acq: 24 Dec 2020 18:52

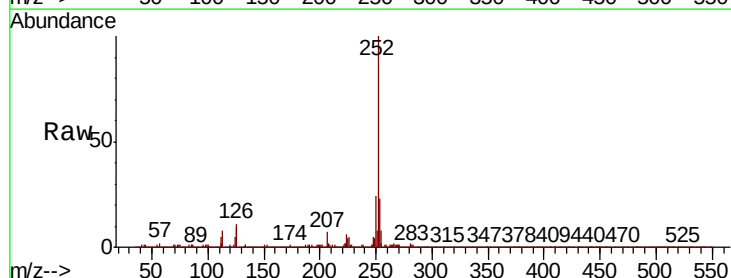
Tgt Ion:252 Resp: 1415555

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

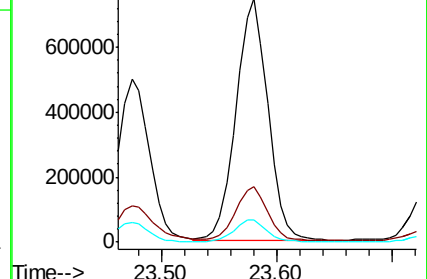
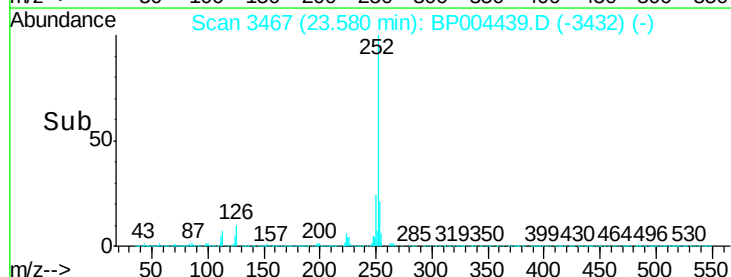
125 8.9 8.1 12.1

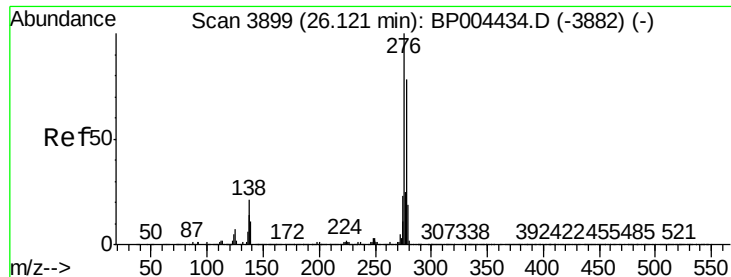


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



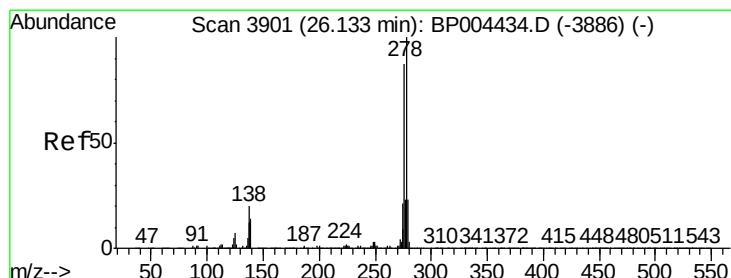
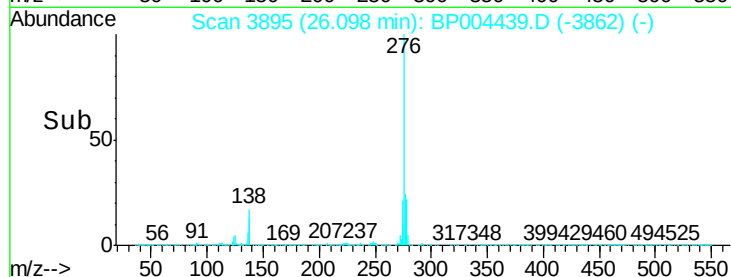
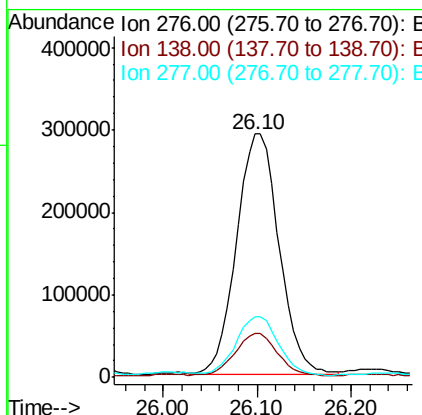
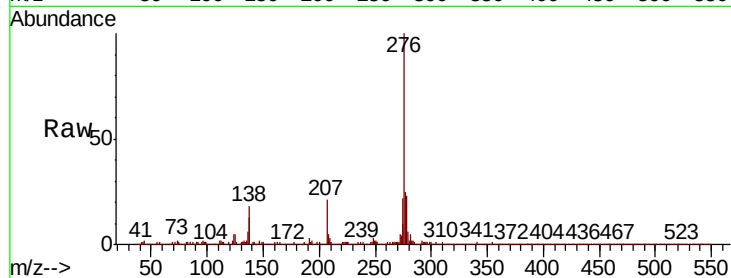


#92

Indeno(1,2,3-cd)pyrene
Concen: 9.473 ng/ul
RT: 26.10 min Scan# 3895
Delta R.T. -0.01 min
Lab File: BP004439.D
Acq: 24 Dec 2020 18:52

Instrument :
BNA_P
ClientSampleId :
A54T7

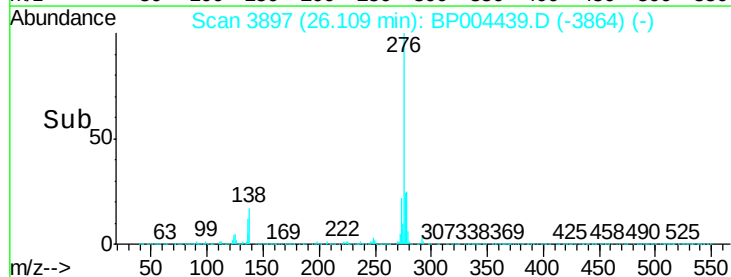
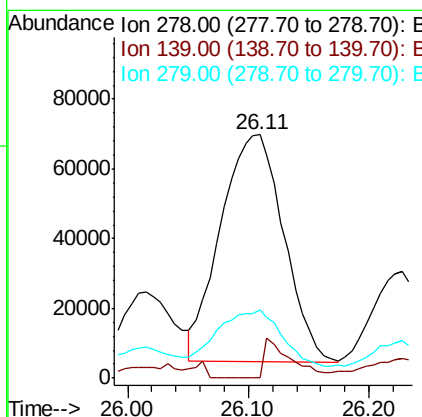
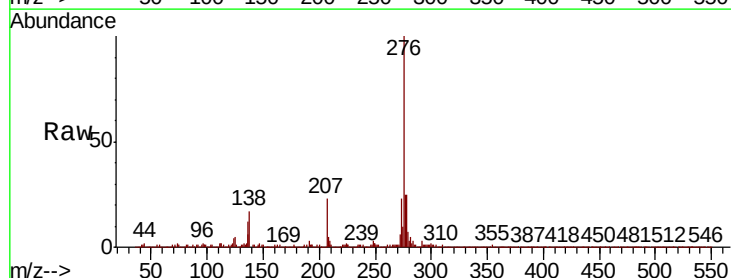
Tot Ion	Ratio	Lower	Upper
276	100		
138	17.8	17.9	26.9#
277	25.0	20.3	30.5

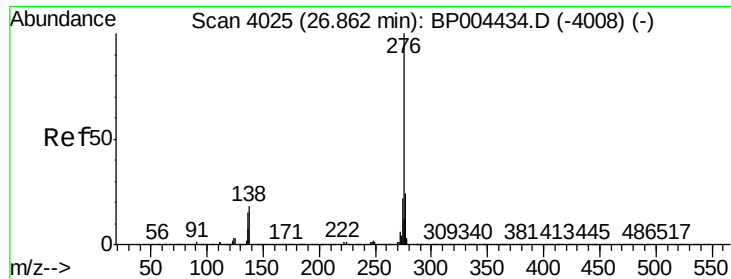


#93

Dibenzo(a,h)anthracene
Concen: 2.928 ng/ul
RT: 26.11 min Scan# 3897
Delta R.T. -0.01 min
Lab File: BP004439.D
Acq: 24 Dec 2020 18:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.4	17.2#
279	28.0	19.1	28.7





#94

Benzo(a,h,i)perylene

Concen: 8.751 ng/ul

RT: 26.84 min Scan# 4022

Delta R.T. 0.00 min

Lab File: BP004439.D

Acq: 24 Dec 2020 18:52

Instrument :

BNA_P

ClientSampleId :

A54T7

Tot Ion:276 Resp: 707120

Ion Ratio Lower Upper

276 100

138 18.3 15.8 23.6

277 23.9 18.7 28.1

