

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121220\
 Data File : BP004232.D
 Acq On : 11 Dec 2020 17:29
 Operator : CG/JU
 Sample : L5000-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54A2

Quant Time: Dec 11 23:58:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 10 13:52:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	331763	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1331723	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	773287	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1668967	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	1845682	20.00	ng/ul	0.00
86) Perylene-d12	23.67	264	1996074	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	22102	2.34	ng/uL	0.00
5) Phenol-d5	6.99	99	348414	12.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	247496	14.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	282562	13.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	249275	12.02	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	148915	13.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	111504	12.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	245805	12.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	301232	12.29	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	849653	14.38	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1167013	15.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	45738	4.58	ng/ul	0.00
58) Fluorene-d10	15.47	176	804155	15.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	41863	5.23	ng/ul	0.00
71) Anthracene-d10	17.33	188	1272811	15.65	ng/ul	0.00
79) Pyrene-d10	19.57	212	1563251	16.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.52	264	1761743	16.75	ng/ul	0.00

Target Compounds

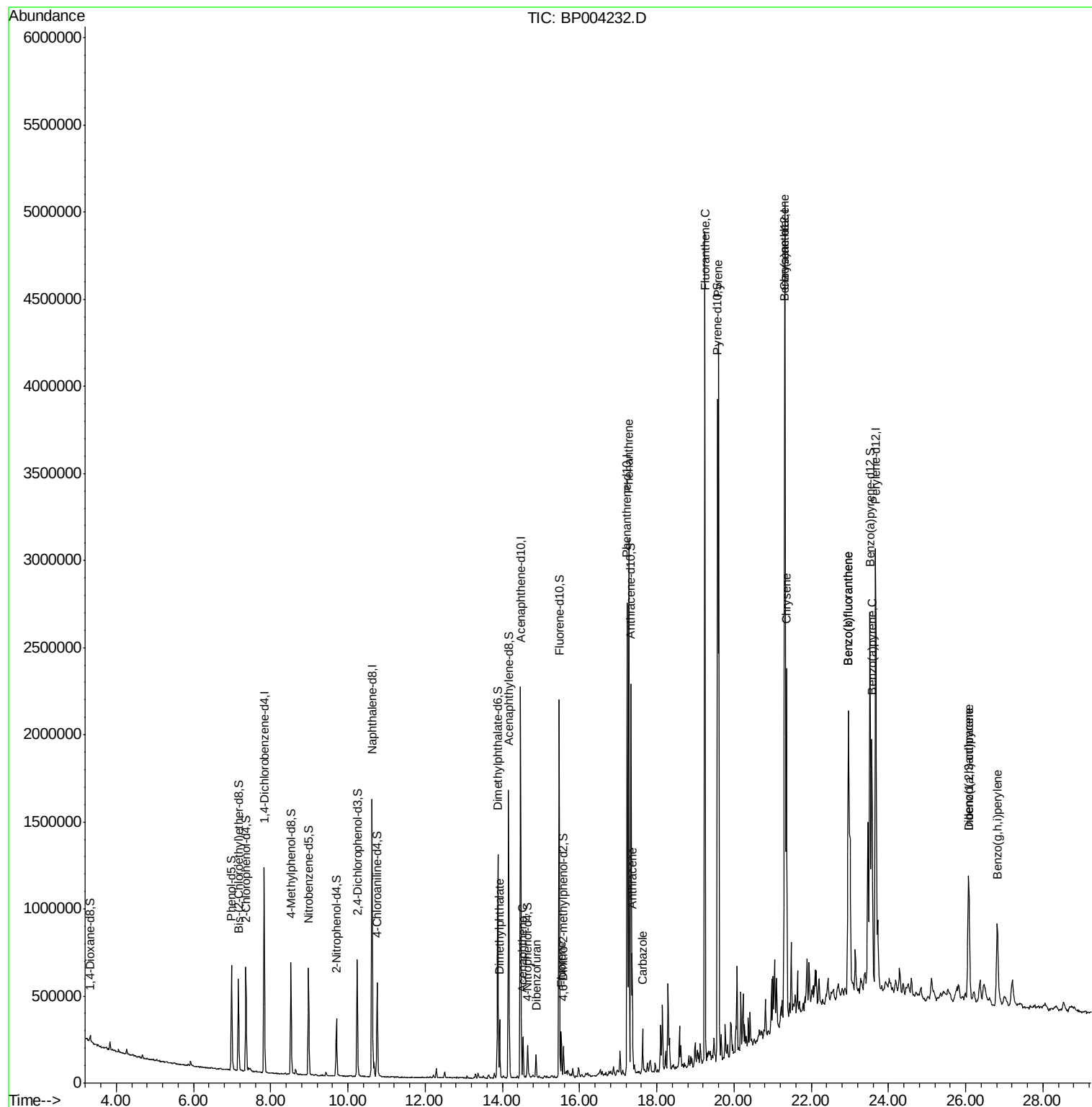
				Ovalue	
45) Dimethylphthalate	13.93	163	218878	3.636	ng/ul 100
50) Acenaphthene	14.54	153	96882	1.828	ng/ul 98
54) Dibenzofuran	14.87	168	81162	1.087	ng/ul 97
59) Fluorene	15.53	166	114498	1.917	ng/ul 98
70) Phenanthrene	17.27	178	1807610	18.358	ng/ul 100
72) Anthracene	17.36	178	421903	4.331	ng/ul 100
75) Carbazole	17.63	167	150981	1.905	ng/ul 99
77) Fluoranthene	19.24	202	2757030	26.224	ng/ul 99
80) Pyrene	19.60	202	2459808	19.757	ng/ul 99
83) Benzo(a)anthracene	21.30	228	1225854	10.076	ng/ul 98
85) Chrysene	21.36	228	1174282	9.839	ng/ul 98
88) Benzo(b)fluoranthene	22.96	252	1494866	11.809	ng/ul 98
89) Benzo(k)fluoranthene	22.96	252	1494866	11.499	ng/ul 97
91) Benzo(a)pyrene	23.57	252	1069523	9.054	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	26.08	276	719532	4.857	ng/ul 97
93) Dibenzo(a,h)anthracene	26.09	278	167151	1.346	ng/ul# 79
94) Benzo(g,h,i)perylene	26.81	276	626226	5.039	ng/ul 98

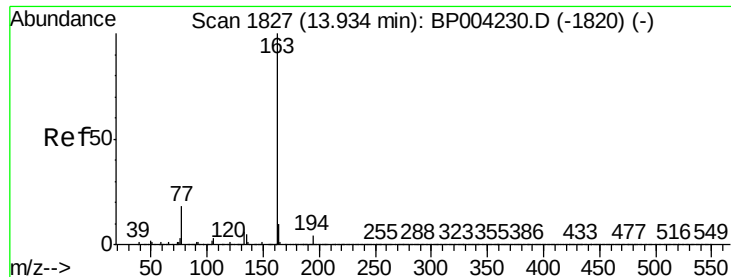
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 3.636 ng/ul

RT: 13.93 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BP004232.D

Acq: 11 Dec 2020 17:29

Instrument :

BNA_P

ClientSampleId :

A54A2

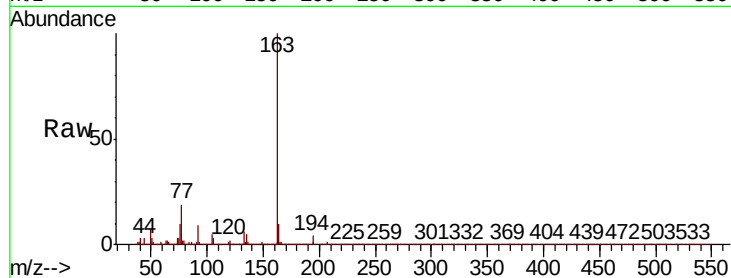
Tot Ion:163 Resp: 218878

Ion Ratio Lower Upper

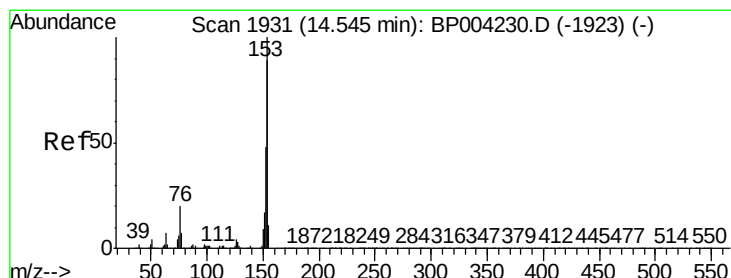
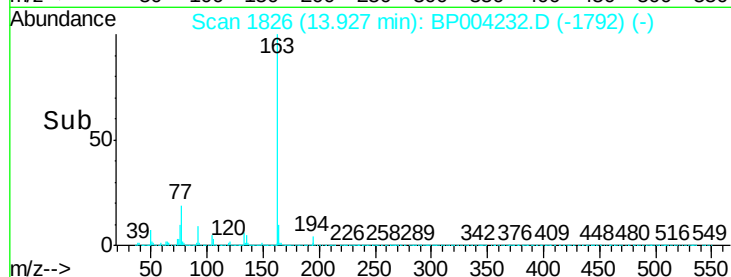
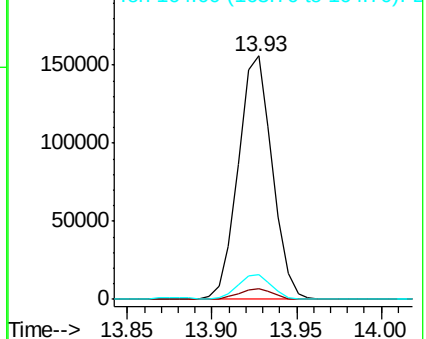
163 100

194 4.3 3.4 5.2

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



#50

Acenaphthene

Concen: 1.828 ng/ul

RT: 14.54 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BP004232.D

Acq: 11 Dec 2020 17:29

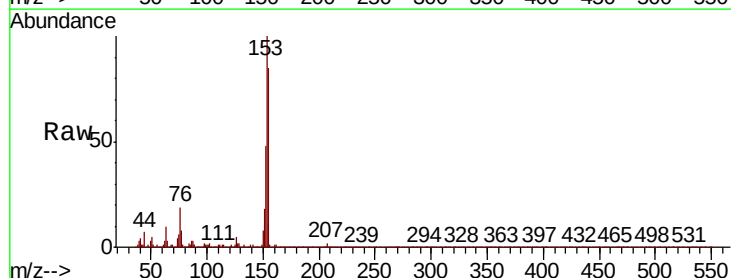
Tgt Ion:153 Resp: 96882

Ion Ratio Lower Upper

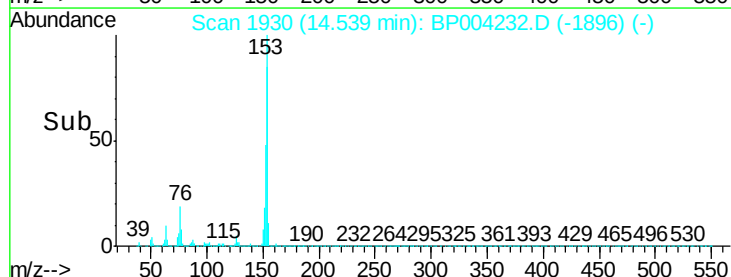
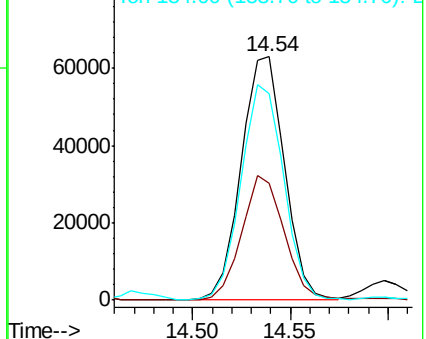
153 100

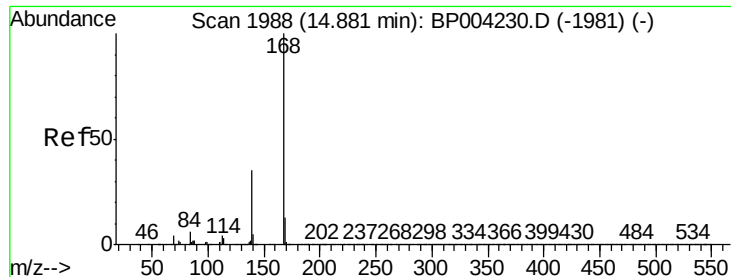
152 47.9 37.8 56.6

154 85.1 69.8 104.8



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





#54

Dibenzenofuran

Concen: 1.087 ng/ul

RT: 14.87 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BP004232.D

Acq: 11 Dec 2020 17:29

Instrument :

BNA_P

ClientSampleId :

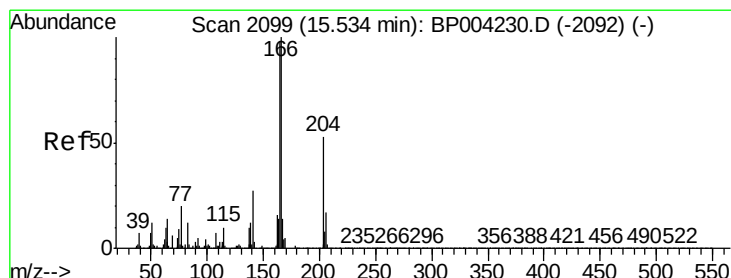
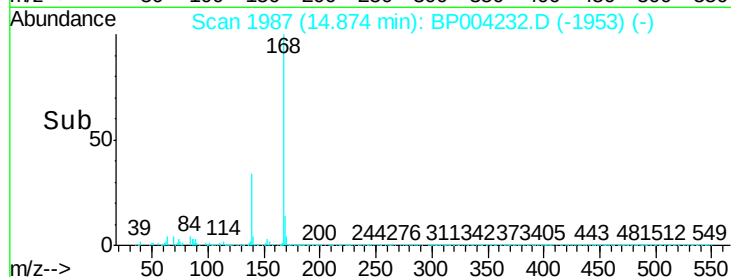
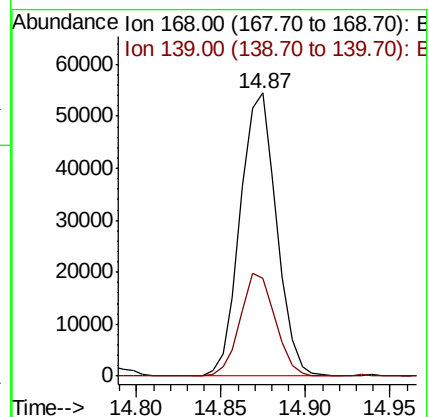
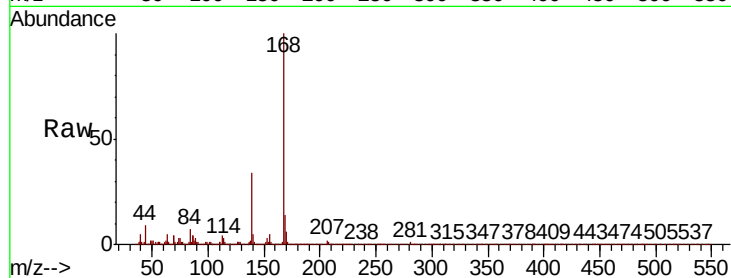
A54A2

Tot Ion:168 Resp: 81162

Ion Ratio Lower Upper

168 100

139 34.3 29.0 43.6



#59

Fluorene

Concen: 1.917 ng/ul

RT: 15.53 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BP004232.D

Acq: 11 Dec 2020 17:29

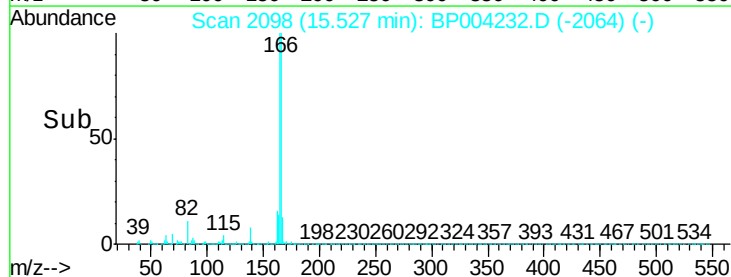
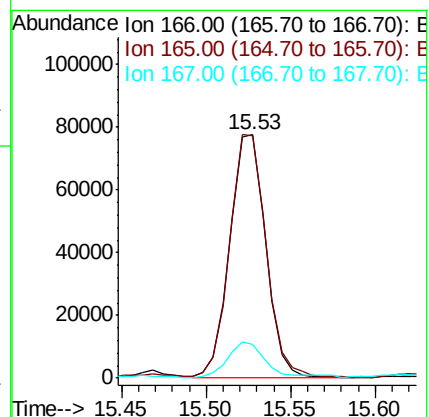
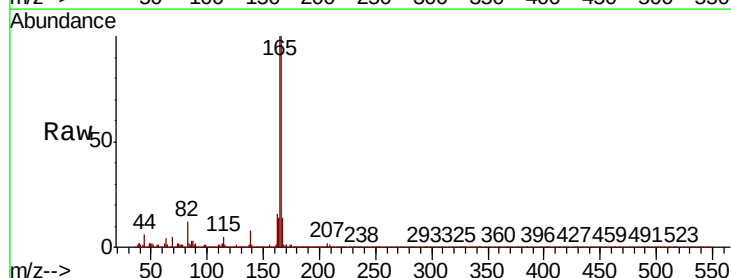
Tgt Ion:166 Resp: 114498

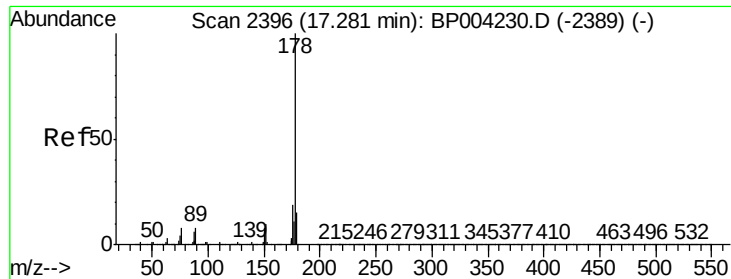
Ion Ratio Lower Upper

166 100

165 99.8 78.2 117.2

167 13.6 10.8 16.2





#70

Phenanthrene

Concen: 18.358 ng/ul

RT: 17.27 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BP004232.D

Acq: 11 Dec 2020 17:29

Instrument :

BNA_P

ClientSampleId :

A54A2

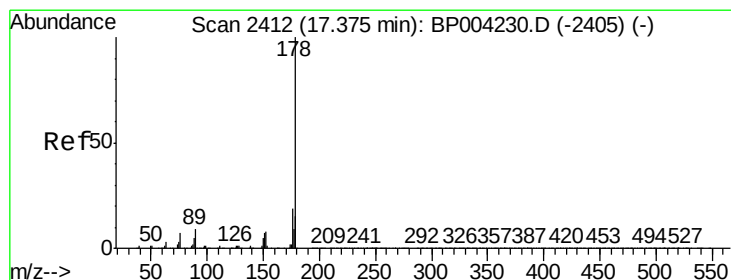
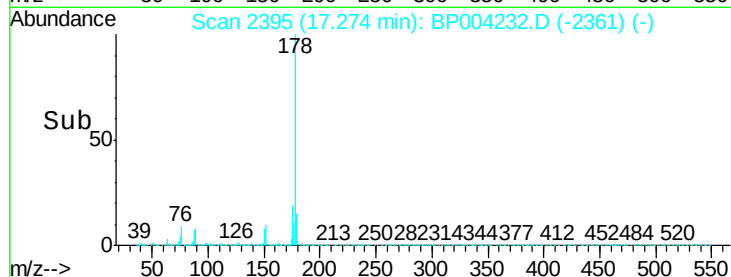
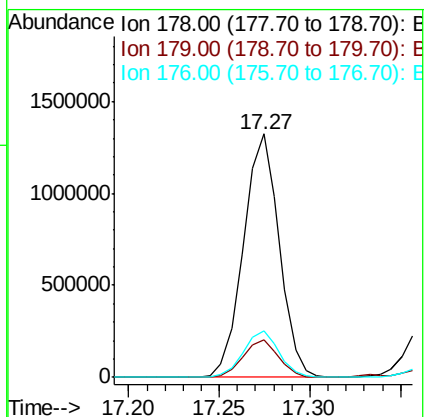
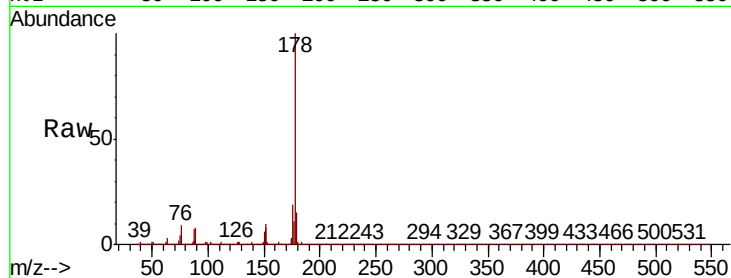
Tot Ion:178 Resp: 1807610

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	19.1	15.4	23.0

178 100

179 15.2 12.4 18.6

176 19.1 15.4 23.0



#72

Anthracene

Concen: 4.331 ng/ul

RT: 17.36 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BP004232.D

Acq: 11 Dec 2020 17:29

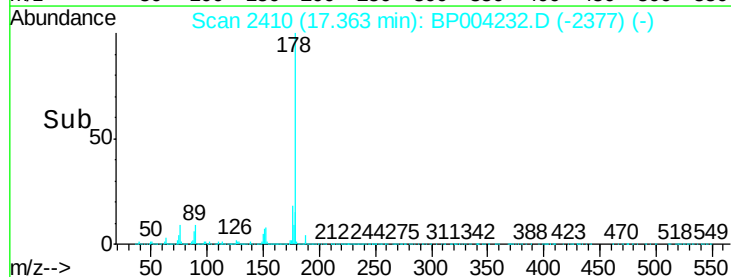
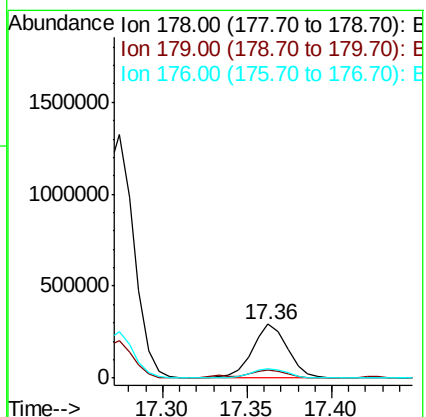
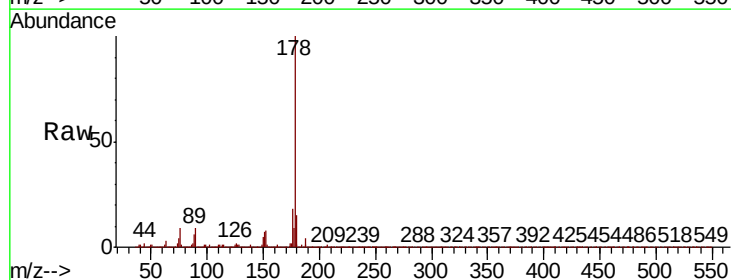
Tgt Ion:178 Resp: 421903

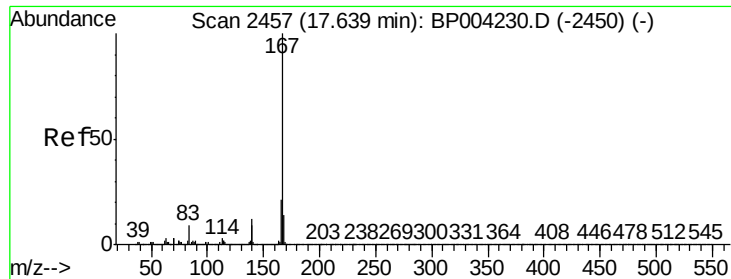
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.3	14.9	22.3

178 100

179 15.3 12.3 18.5

176 18.3 14.9 22.3

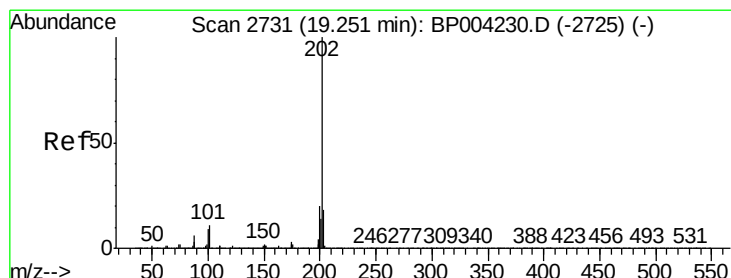
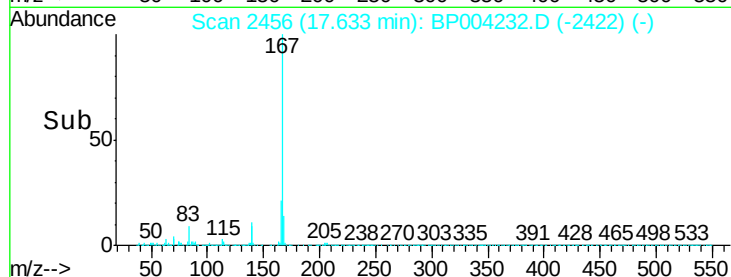
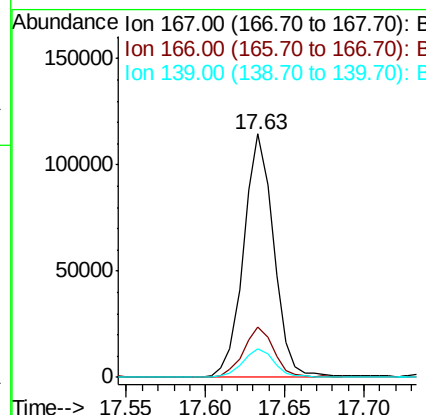
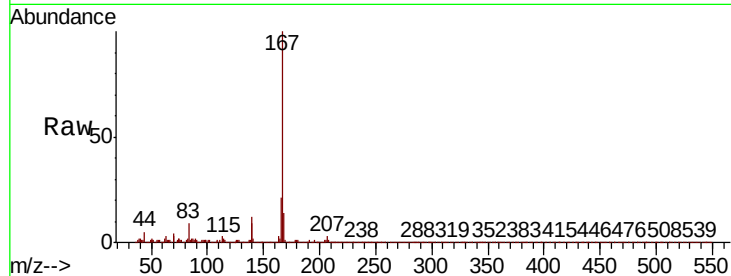




#75
 Carbazole
 Concen: 1.905 ng/ul
 RT: 17.63 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BP004232.D
 Acq: 11 Dec 2020 17:29

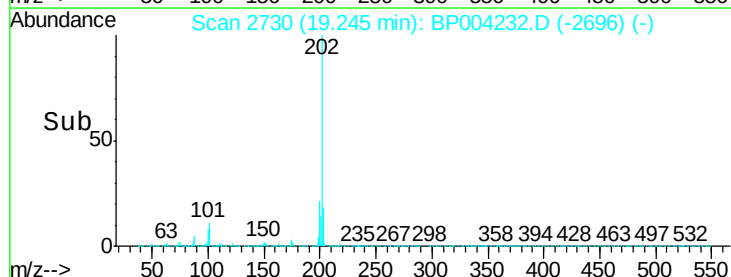
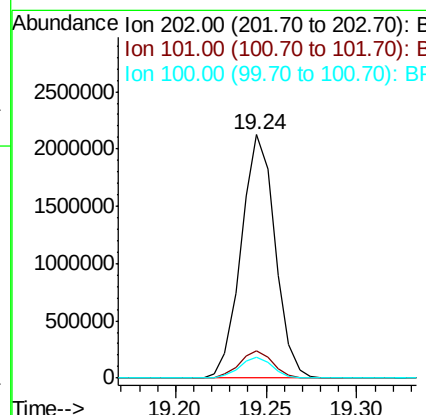
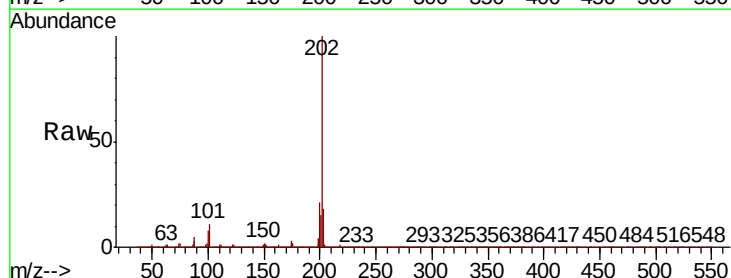
Instrument :
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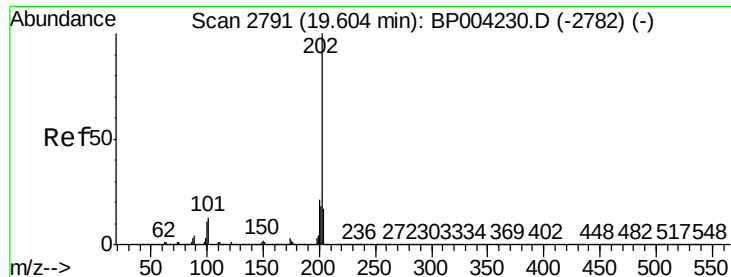
Tot Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.1	25.7
139	11.6	9.8	14.6



#77
 Fluoranthene
 Concen: 26.224 ng/ul
 RT: 19.24 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: BP004232.D
 Acq: 11 Dec 2020 17:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.1	13.7
100	8.4	7.1	10.7

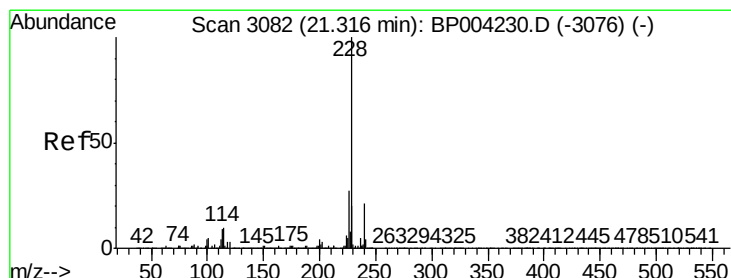
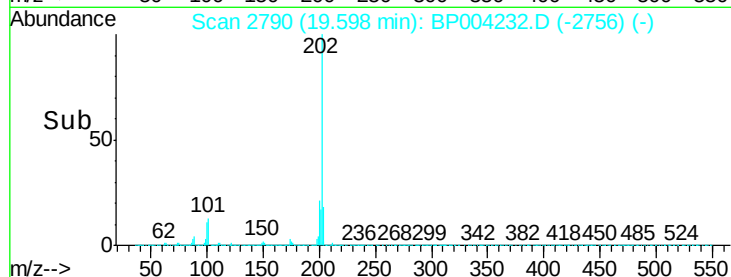
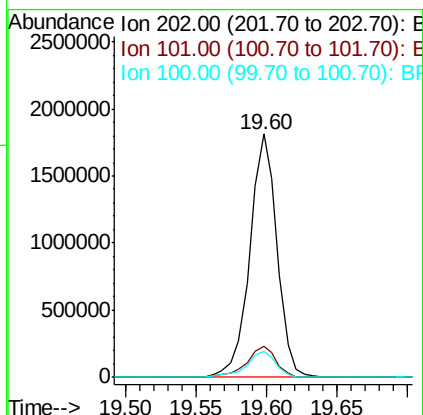
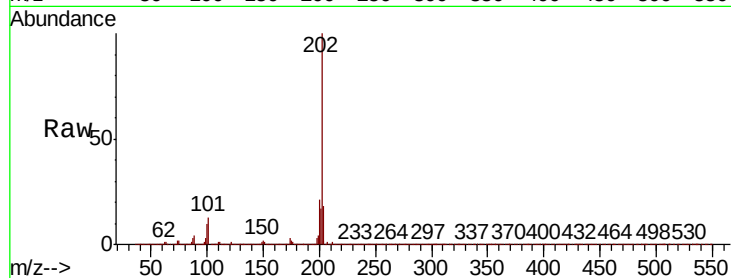




#80
Pvrene
Concen: 19.757 ng/ul
RT: 19.60 min Scan# 2790
Delta R.T. -0.00 min
Lab File: BP004232.D
Acq: 11 Dec 2020 17:29

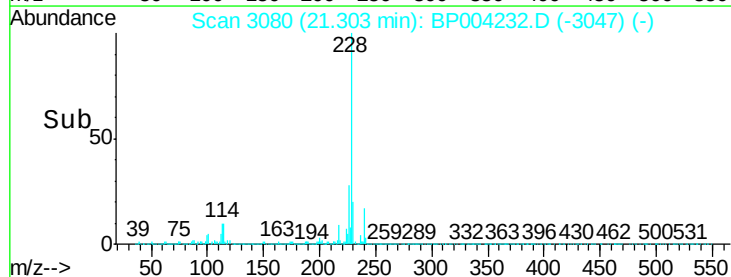
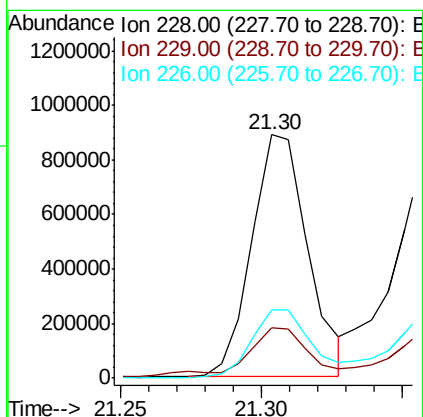
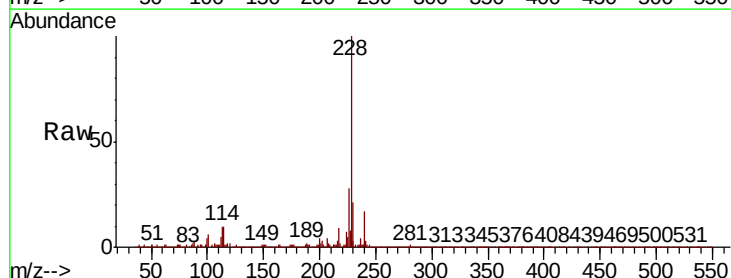
Instrument :
BNA_P
ClientSampleId :
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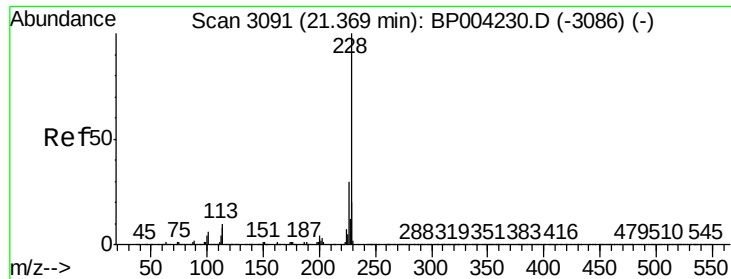
Tot Ion:202 Resp: 2459808
Ion Ratio Lower Upper
202 100
101 13.0 10.6 15.8
100 10.5 8.6 12.8



#83
Benzo(a)anthracene
Concen: 10.076 ng/ul
RT: 21.30 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BP004232.D
Acq: 11 Dec 2020 17:29

Tgt Ion:228 Resp: 1225854
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.8
226 28.2 21.7 32.5





#85

Chrysene

Concen: 9.839 ng/ul

RT: 21.36 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BP004232.D

Acq: 11 Dec 2020 17:29

Instrument :

BNA_P

ClientSampleId :

A54A2

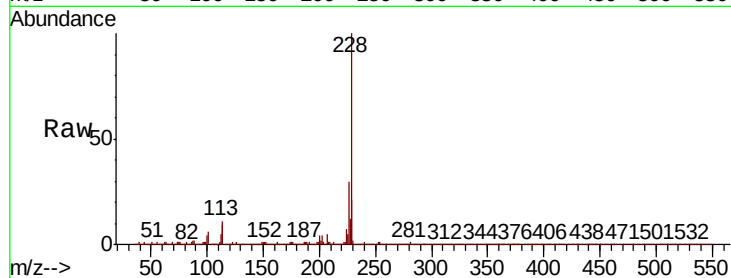
Tot Ion:228 Resp: 1174282

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.2

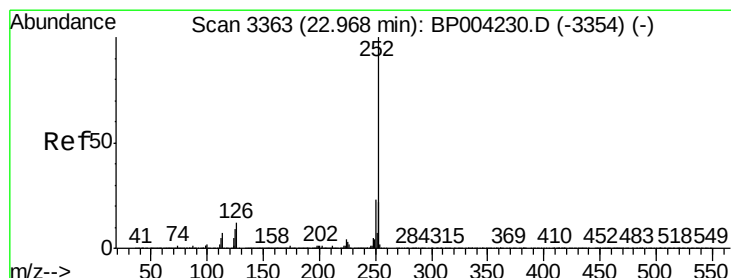
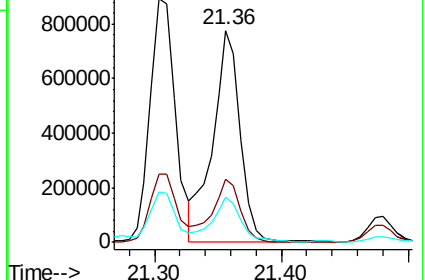
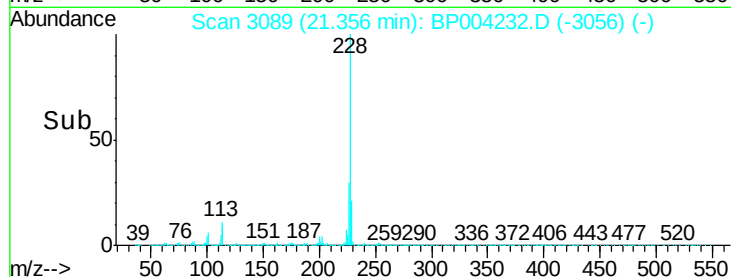
229 21.1 15.8 23.8



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: 11.809 ng/ul

RT: 22.96 min Scan# 3362

Delta R.T. -0.00 min

Lab File: BP004232.D

Acq: 11 Dec 2020 17:29

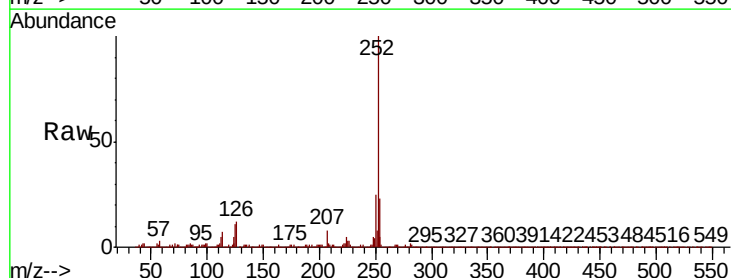
Tgt Ion:252 Resp: 1494866

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

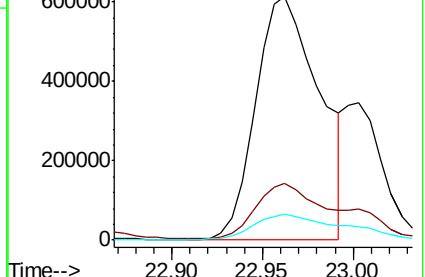
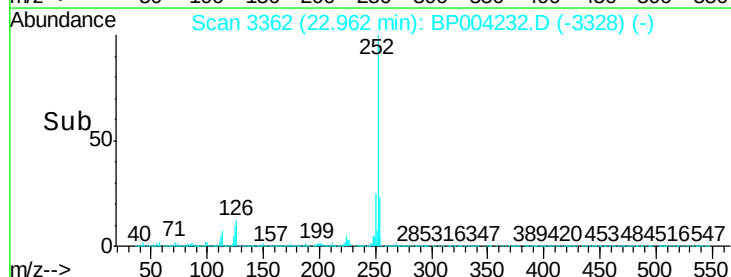
125 10.7 7.7 11.5

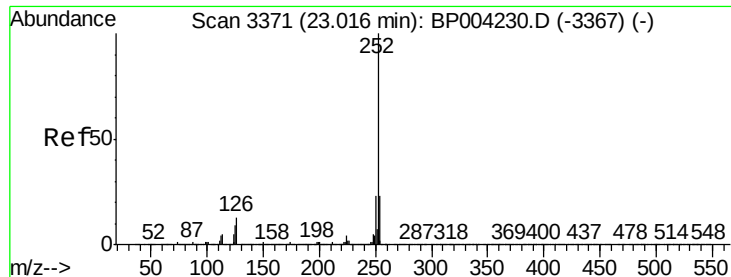


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 11.499 ng/ul

RT: 22.96 min Scan# 3362

Delta R.T. -0.05 min

Lab File: BP004232.D

Acq: 11 Dec 2020 17:29

Instrument :

BNA_P

ClientSampleId :

A54A2

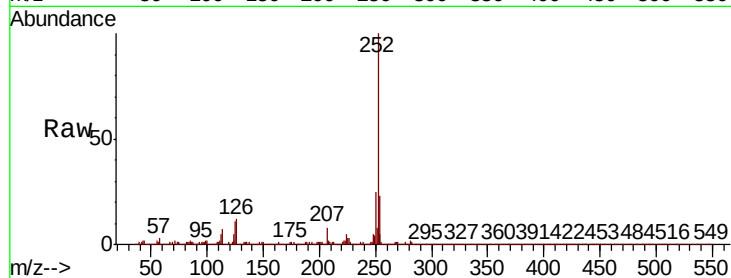
Tot Ion:252 Resp: 1494866

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

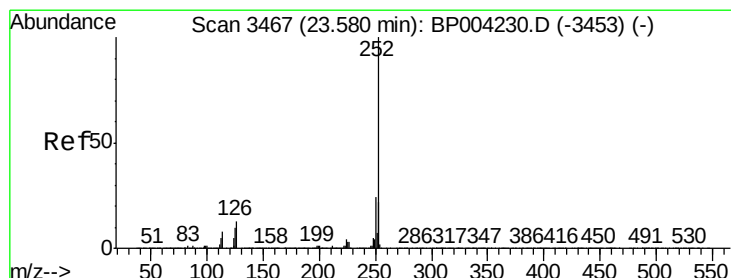
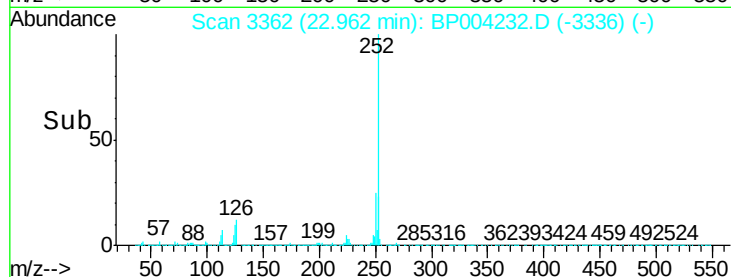
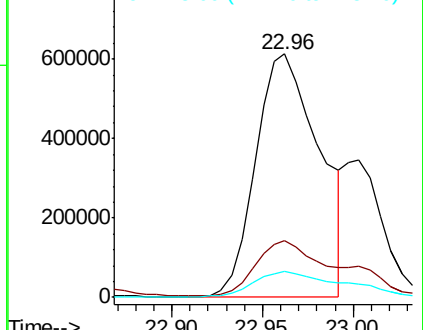
125 10.7 7.3 10.9



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



#91

Benzo(a)pyrene

Concen: 9.054 ng/ul

RT: 23.57 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BP004232.D

Acq: 11 Dec 2020 17:29

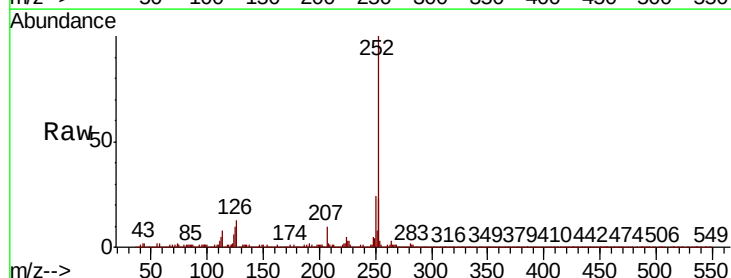
Tgt Ion:252 Resp: 1069523

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

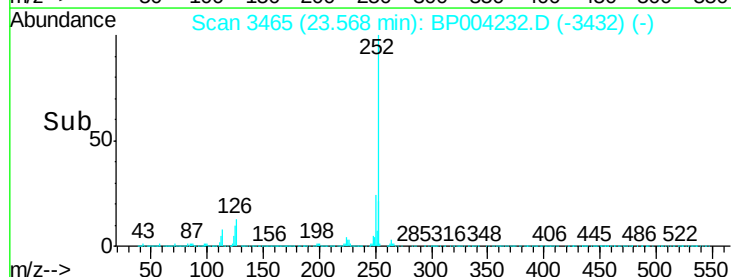
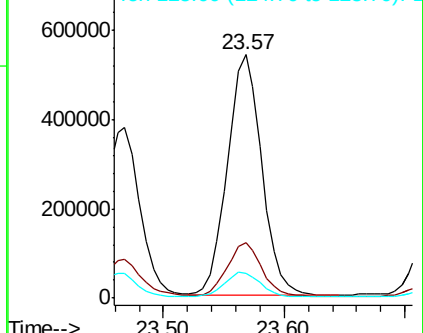
125 10.4 7.8 11.6

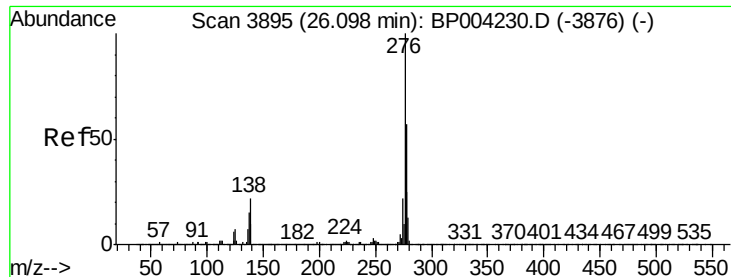


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



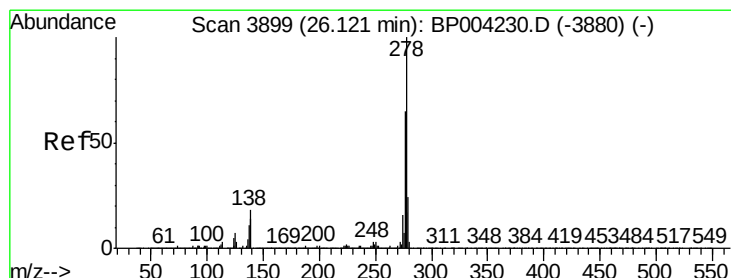
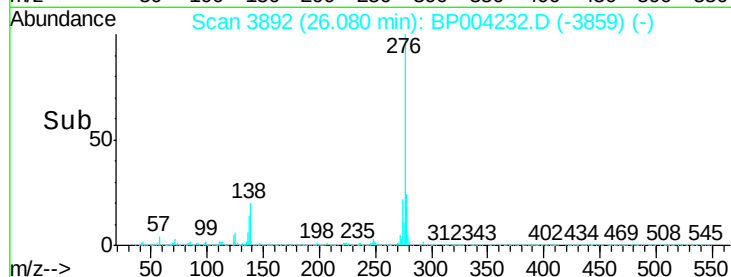
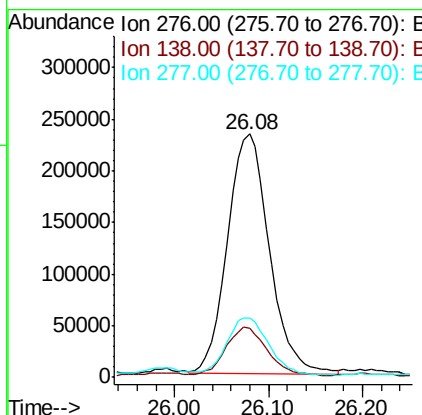
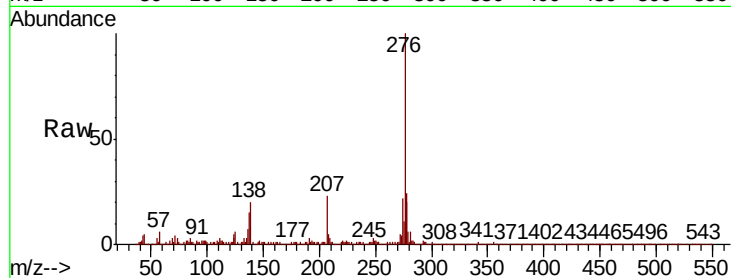


#92

Indeno(1,2,3-cd)pyrene
Concen: 4.857 ng/ul
RT: 26.08 min Scan# 3892
Delta R.T. -0.01 min
Lab File: BP004232.D
Acq: 11 Dec 2020 17:29

Instrument :
BNA_P
ClientSampleId :
A54A2

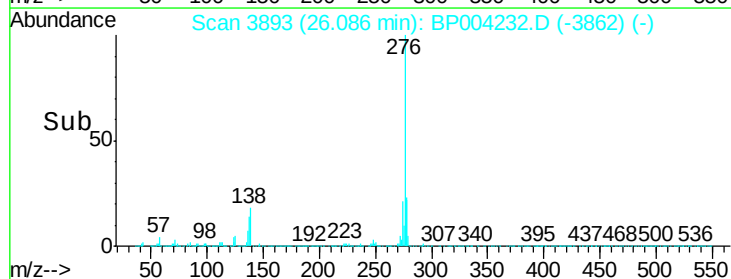
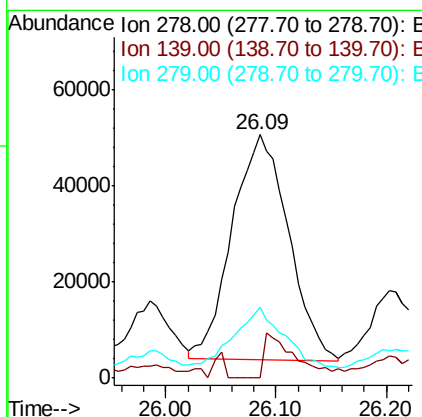
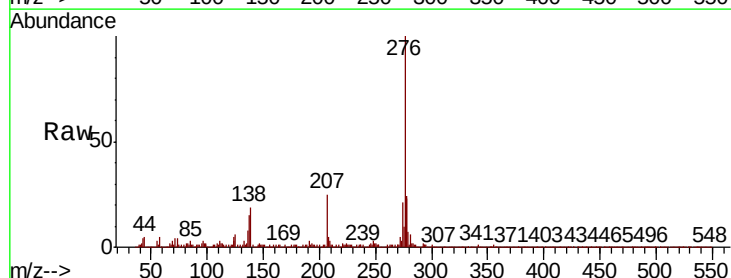
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.1	17.8	26.6
277	24.1	19.8	29.6

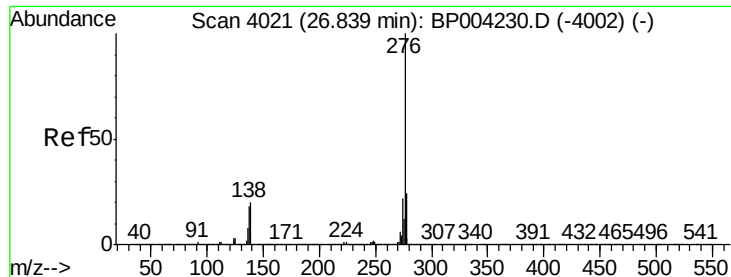


#93

Dibenzo(a,h)anthracene
Concen: 1.346 ng/ul
RT: 26.09 min Scan# 3893
Delta R.T. -0.02 min
Lab File: BP004232.D
Acq: 11 Dec 2020 17:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.9	17.9#
279	28.9	18.6	28.0#





#94

Benzo(a,h,i)perylene

Concen: 5.039 ng/ul

RT: 26.81 min Scan# 4017

Delta R.T. -0.01 min

Lab File: BP004232.D

Acq: 11 Dec 2020 17:29

Instrument :

BNA_P

ClientSampleId :

A54A2

Tot Ion:276 Resp: 626226

Ion Ratio Lower Upper

276 100

138 20.0 16.6 25.0

277 24.4 18.5 27.7

