

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121320\
 Data File : BP004263.D
 Acq On : 12 Dec 2020 17:25
 Operator : CG/JU
 Sample : L5000-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54A4

Quant Time: Dec 14 01:03:15 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	7.84	152	334458	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1396866	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.49	164	882157	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.25	188	1923507	20.00	ng/ul	0.01
78) Chrysene-d12	21.34	240	1860821	20.00	ng/ul	0.02
86) Perylene-d12	23.70	264	2103011	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	21487	2.26	ng/uL	0.00
5) Phenol-d5	7.00	99	449692	16.25	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.17	67	241922	14.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	371459	17.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	340732	16.30	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	184797	16.15	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	183307	19.43	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	387992	18.70	ng/ul	0.02
29) 4-Chloroaniline-d4	10.77	131	386324	15.02	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	1170412	17.36	ng/ul	0.01
47) Acenaphthylene-d8	14.18	160	1554469	18.06	ng/ul	0.02
52) 4-Nitrophenol-d4	14.68	143	145450	12.77	ng/ul	0.02
58) Fluorene-d10	15.49	176	1071269	17.54	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.61	200	11817	1.28	ng/ul	0.03
71) Anthracene-d10	17.35	188	1723070	18.38	ng/ul	0.01
79) Pyrene-d10	19.59	212	1891351	19.51	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.56	264	2107675	19.03	ng/ul	0.04

Target Compounds

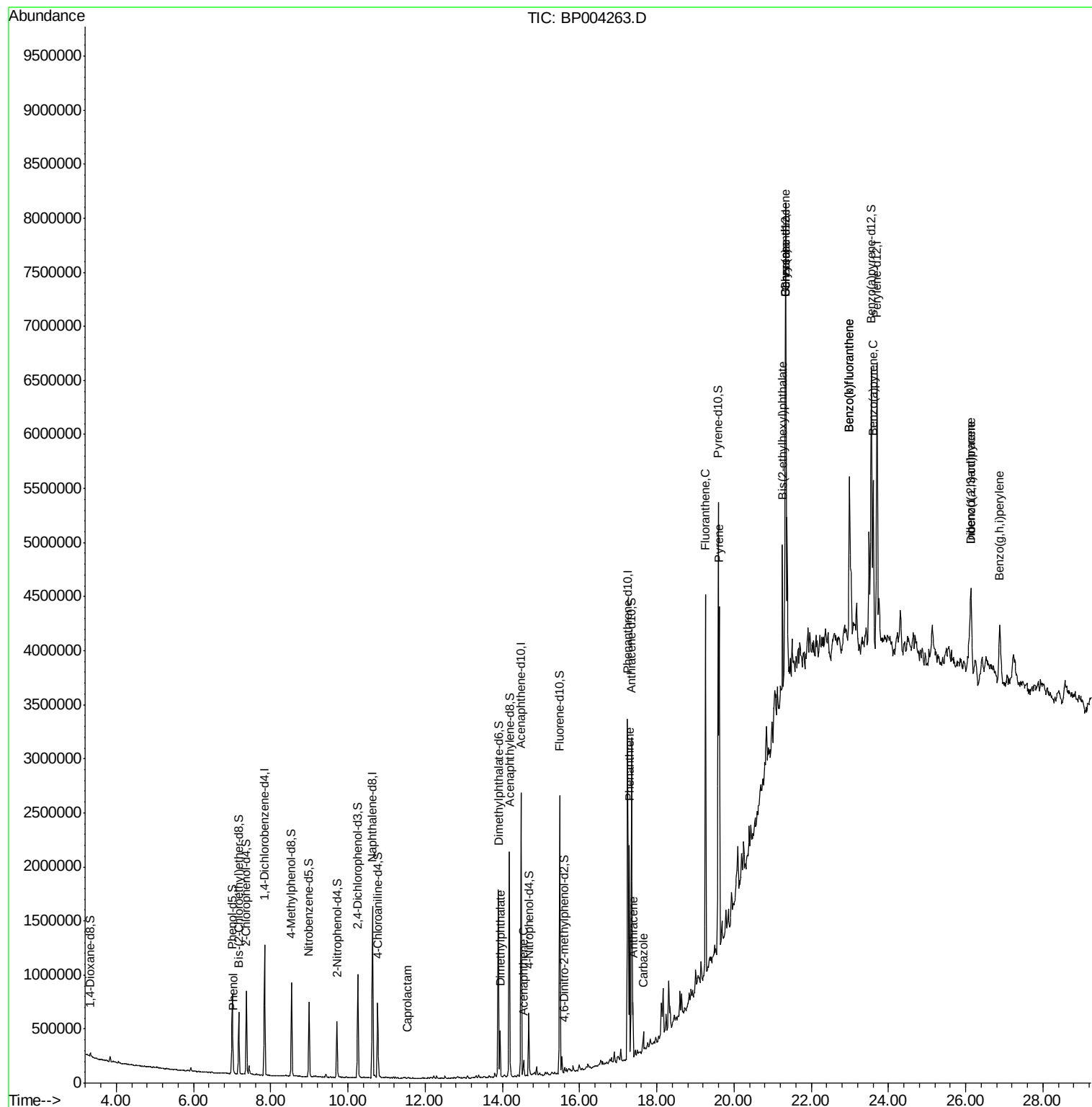
					Ovalue	
6) Phenol	7.03	94	30881	1.069	ng/ul	94
32) Caprolactam	11.55	113	6544	1.083	ng/ul#	7
45) Dimethylphthalate	13.94	163	286341	4.170	ng/ul	99
50) Acenaphthene	14.55	153	61067	1.010	ng/ul	98
70) Phenanthrene	17.29	178	1274696	11.233	ng/ul	100
72) Anthracene	17.38	178	316592	2.820	ng/ul	98
75) Carbazole	17.65	167	112831	1.235	ng/ul	99
77) Fluoranthene	19.26	202	2038273	16.822	ng/ul	96
80) Pyrene	19.62	202	1848438	14.726	ng/ul	96
83) Benzo(a)anthracene	21.32	228	943278	7.690	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.25	149	461457	8.225	ng/ul#	97
85) Chrysene	21.32	228	971778	8.076	ng/ul	96
88) Benzo(b)fluoranthene	22.99	252	1361092	10.206	ng/ul#	95
89) Benzo(k)fluoranthene	22.99	252	1361092	9.937	ng/ul#	94
91) Benzo(a)pyrene	23.60	252	1074282	8.632	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.14	276	799218	5.121	ng/ul	94
93) Dibenzo(a,h)anthracene	26.14	278	201891	1.543	ng/ul#	70
94) Benzo(g,h,i)perylene	26.88	276	701168	5.355	ng/ul	95

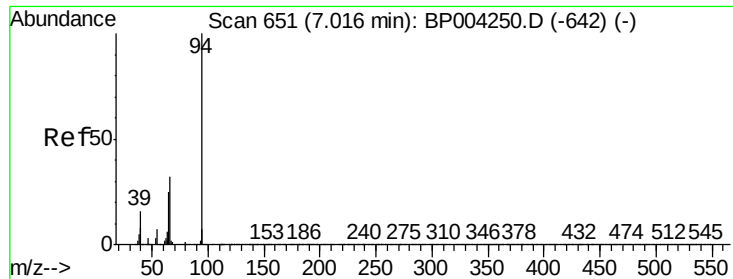
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration





#6

Phenol

Concen: 1.069 ng/ul

RT: 7.03 min Scan# 653

Delta R.T. 0.01 min

Lab File: BP004263.D

Acq: 12 Dec 2020 17:25

Instrument :

BNA_P

ClientSampleId :

A54A4

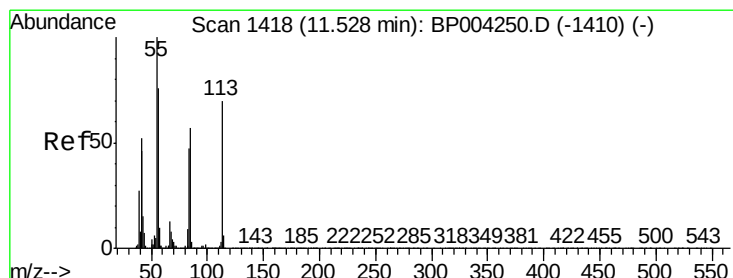
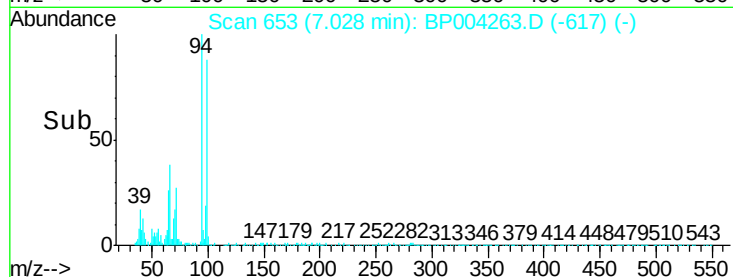
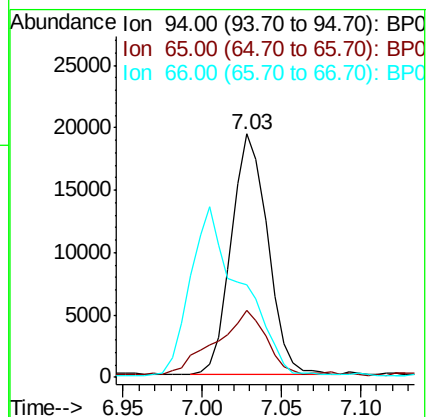
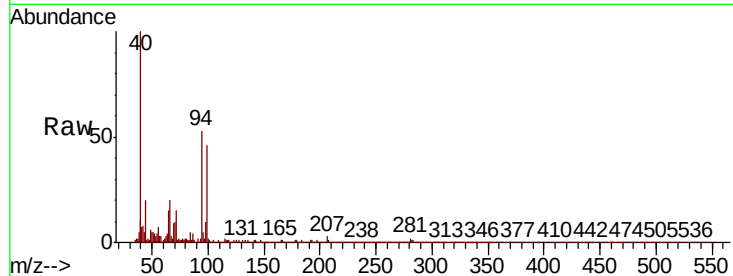
Tot Ion: 94 Resp: 30881

Ion Ratio Lower Upper

94 100

65 27.5 20.8 31.2

66 38.1 26.5 39.7



#32

Caprolactam

Concen: 1.083 ng/ul

RT: 11.55 min Scan# 1422

Delta R.T. 0.02 min

Lab File: BP004263.D

Acq: 12 Dec 2020 17:25

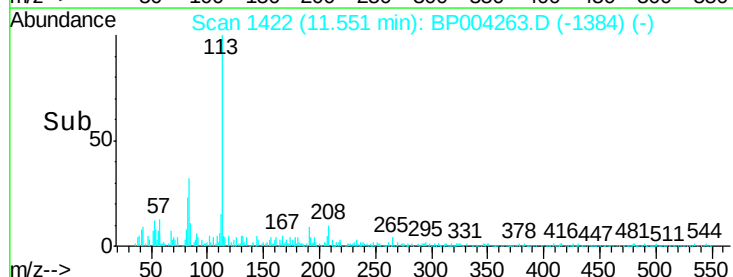
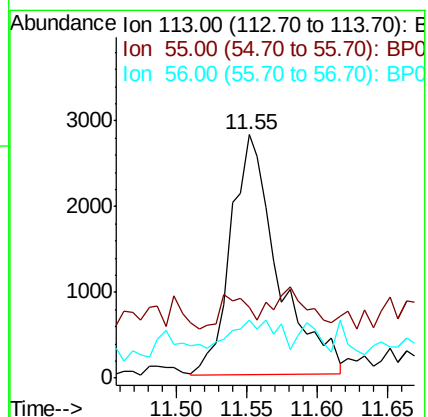
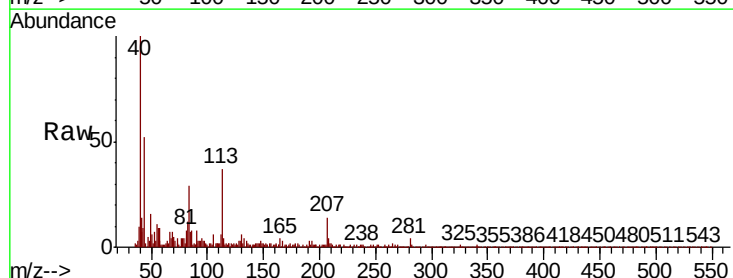
Tgt Ion: 113 Resp: 6544

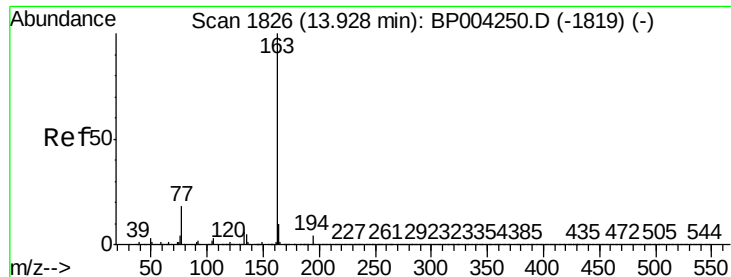
Ion Ratio Lower Upper

113 100

55 29.3 129.3 193.9#

56 23.9 92.2 138.4#

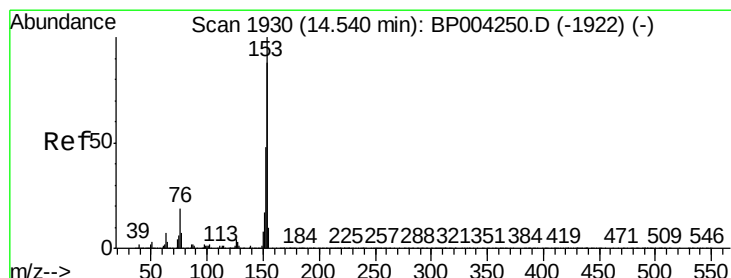
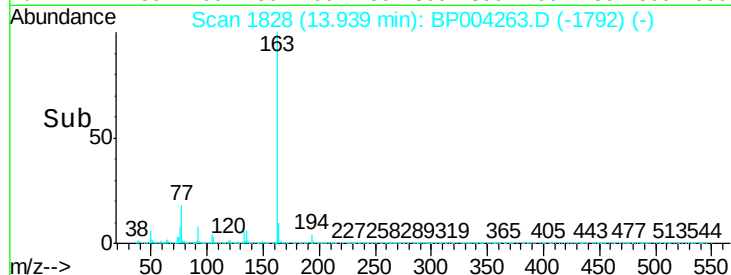
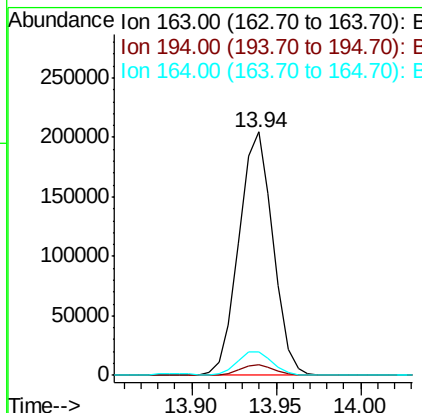
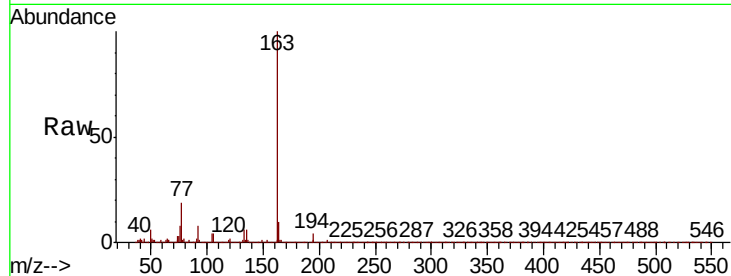




#45
Dimethylphthalate
Concen: 4.170 ng/ul
RT: 13.94 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BP004263.D
Acq: 12 Dec 2020 17:25

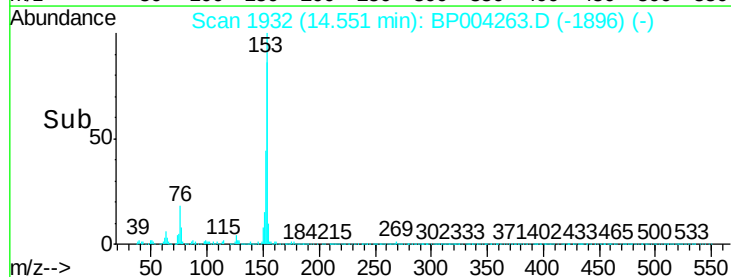
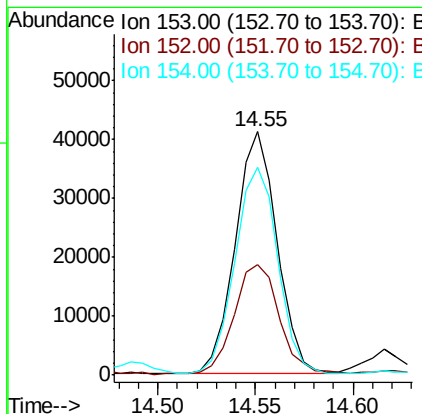
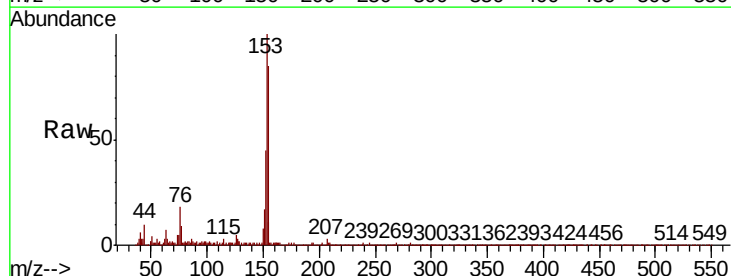
Instrument :
BNA_P
ClientSampleId :
A54A4

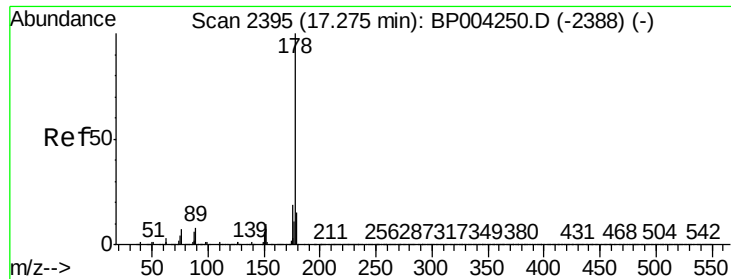
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.8	8.4	12.6



#50
Acenaphthene
Concen: 1.010 ng/ul
RT: 14.55 min Scan# 1932
Delta R.T. 0.01 min
Lab File: BP004263.D
Acq: 12 Dec 2020 17:25

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.3	37.8	56.6
154	85.3	69.8	104.8





#70

Phenanthrene

Concen: 11.233 ng/ul

RT: 17.29 min Scan# 2397

Delta R.T. 0.01 min

Lab File: BP004263.D

Acq: 12 Dec 2020 17:25

Instrument :

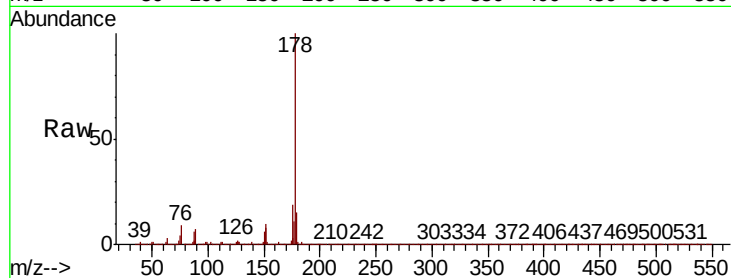
BNA_P

ClientSampleId :

A54A4

Tot Ion:178 Resp: 1274696

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	19.0	15.4	23.0

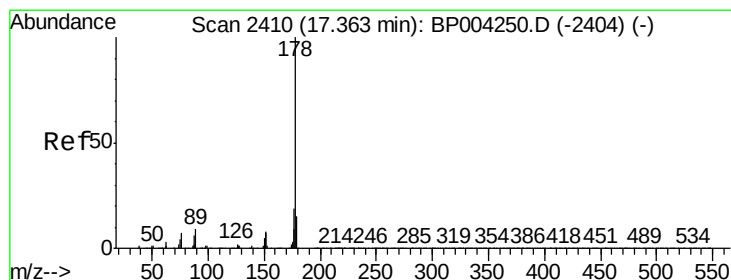
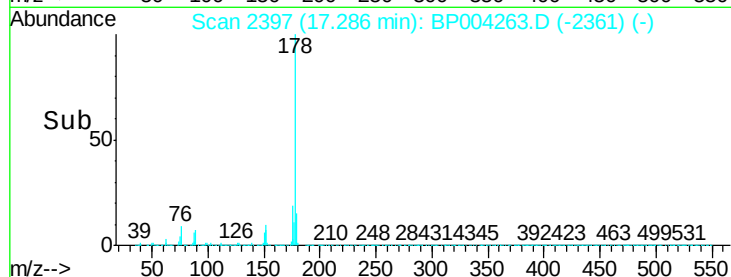
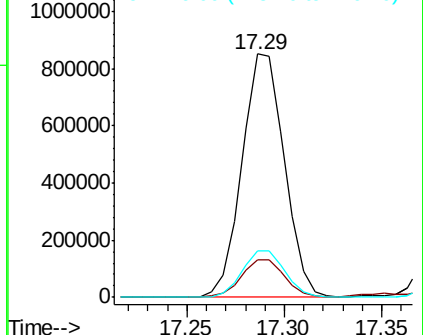


Abundance

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: 2.820 ng/ul

RT: 17.38 min Scan# 2413

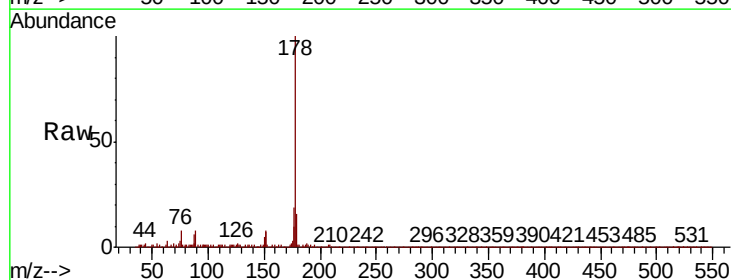
Delta R.T. 0.01 min

Lab File: BP004263.D

Acq: 12 Dec 2020 17:25

Tgt Ion:178 Resp: 316592

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	19.2	14.9	22.3

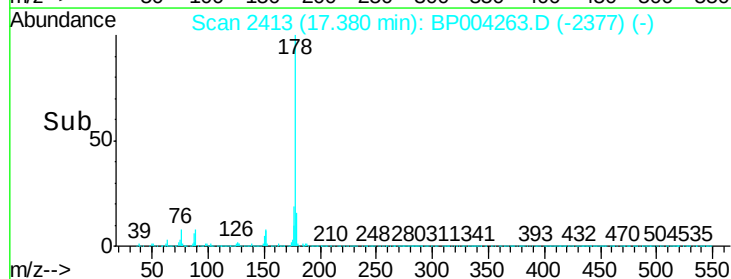
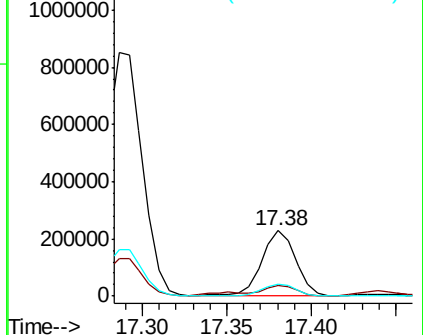


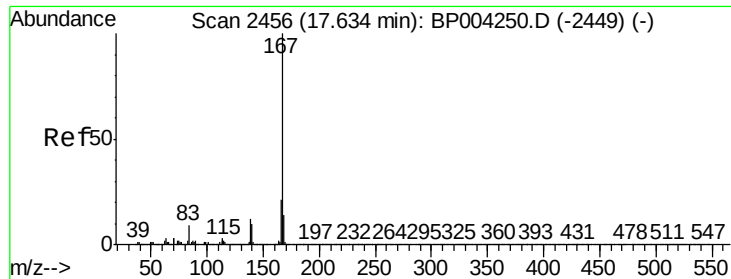
Abundance

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

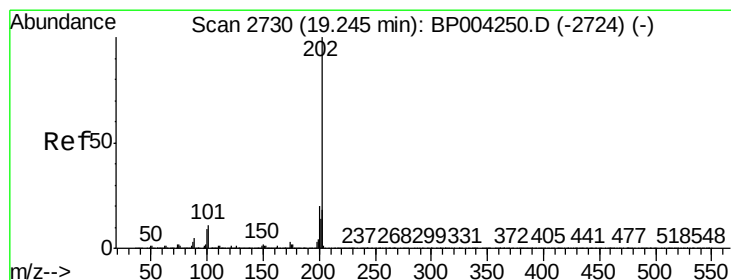
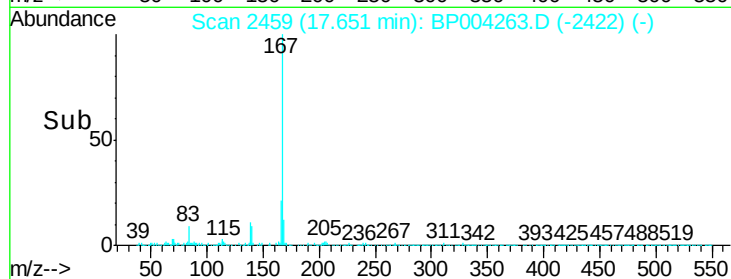
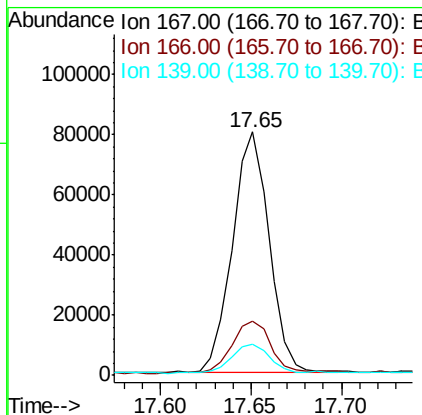
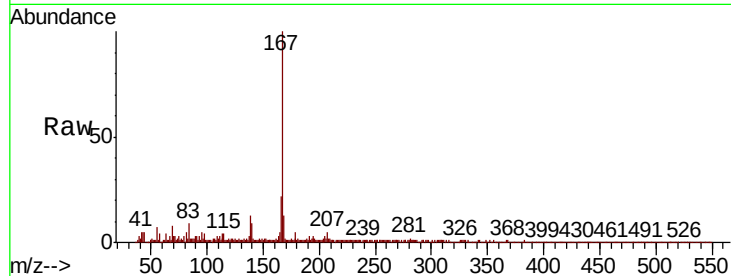




#75
 Carbazole
 Concen: 1.235 ng/ul
 RT: 17.65 min Scan# 2459
 Delta R.T. 0.02 min
 Lab File: BP004263.D
 Acq: 12 Dec 2020 17:25

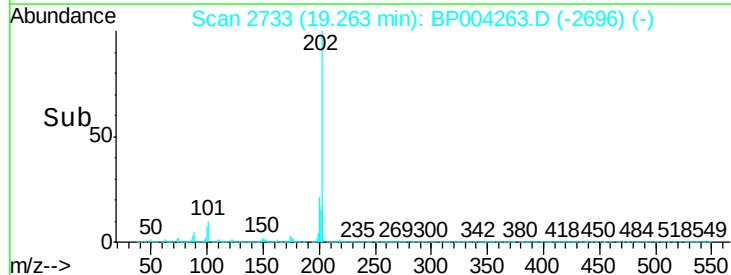
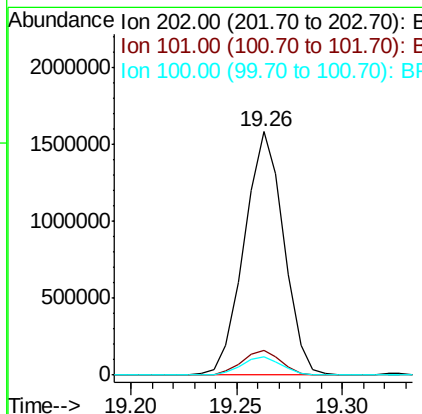
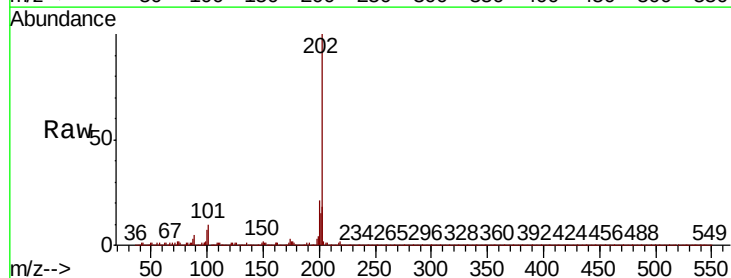
Instrument :
 BNA_P
 ClientSampleId :
 A54A4

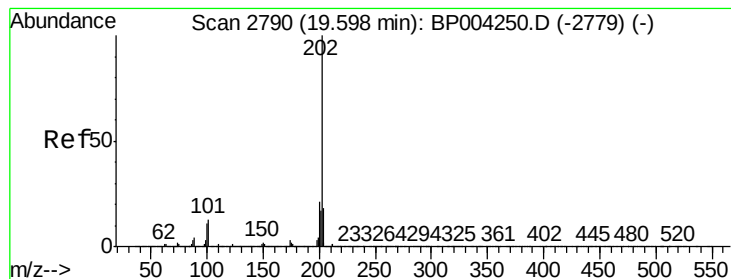
Tot Ion:167 Resp: 112831
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.1 25.7
 139 12.6 9.8 14.6



#77
 Fluoranthene
 Concen: 16.822 ng/ul
 RT: 19.26 min Scan# 2733
 Delta R.T. 0.02 min
 Lab File: BP004263.D
 Acq: 12 Dec 2020 17:25

Tgt Ion:202 Resp: 2038273
 Ion Ratio Lower Upper
 202 100
 101 10.1 9.1 13.7
 100 7.5 7.1 10.7





#80

Pvrene

Concen: 14.726 ng/ul

RT: 19.62 min Scan# 2793

Delta R.T. 0.02 min

Lab File: BP004263.D

Acq: 12 Dec 2020 17:25

Instrument :

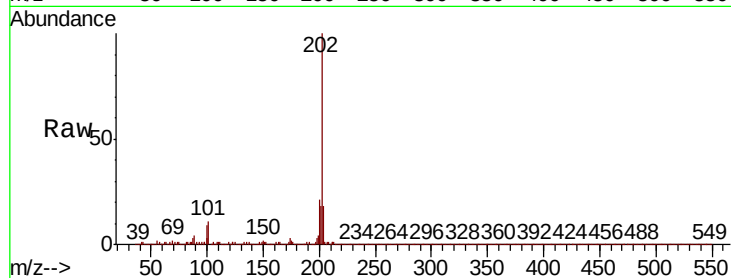
BNA_P

ClientSampleId :

A54A4

Tot Ion:202 Resp: 1848438

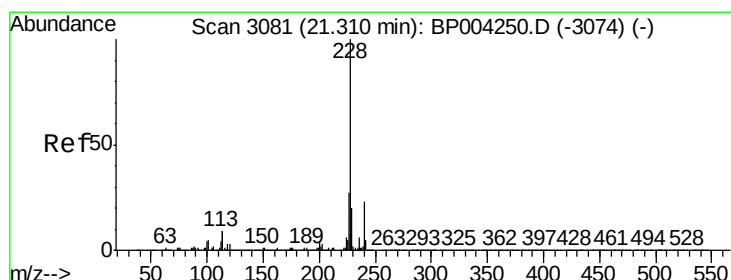
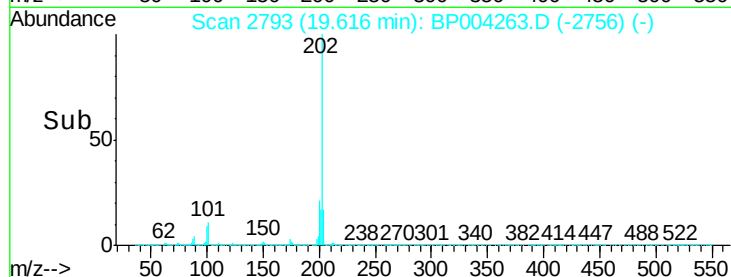
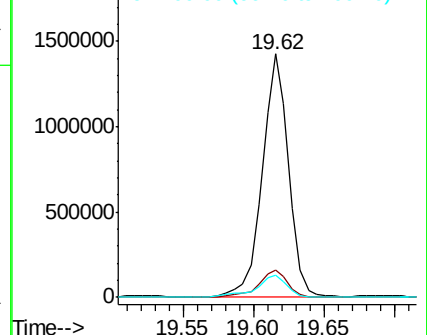
Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.6	15.8
100	9.3	8.6	12.8



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): B



#83

Benzo(a)anthracene

Concen: 7.690 ng/ul

RT: 21.32 min Scan# 3083

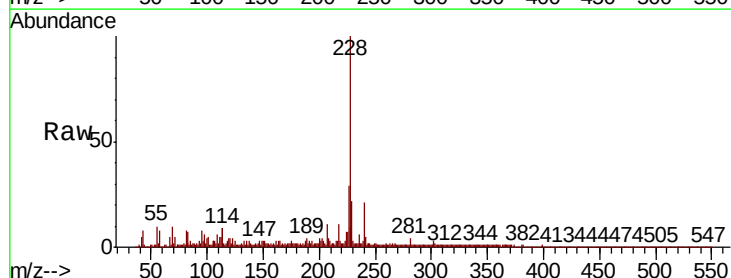
Delta R.T. 0.01 min

Lab File: BP004263.D

Acq: 12 Dec 2020 17:25

Tgt Ion:228 Resp: 943278

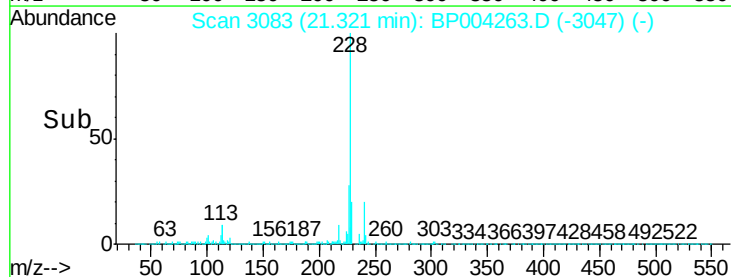
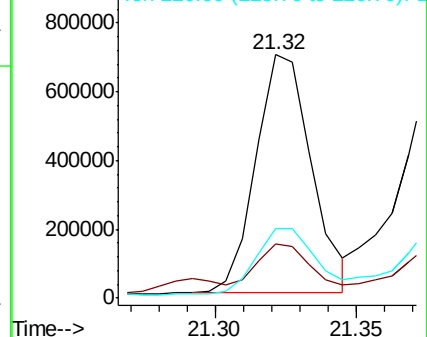
Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.8	23.8
226	28.6	21.7	32.5

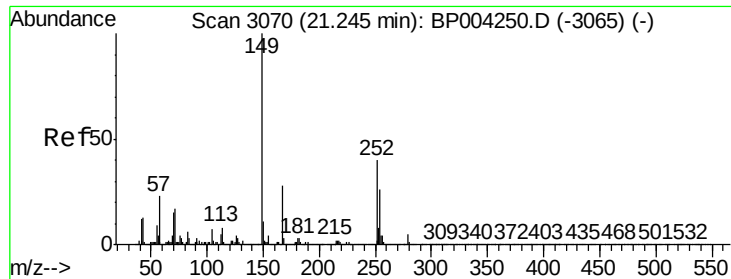


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 8.225 ng/ul

RT: 21.25 min Scan# 3071

Delta R.T. 0.01 min

Lab File: BP004263.D

Acq: 12 Dec 2020 17:25

Instrument :

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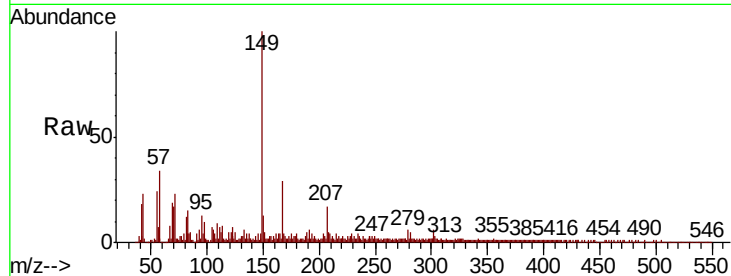
Tot Ion:149 Resp: 461457

Ion Ratio Lower Upper

149 100

167 29.2 22.2 33.4

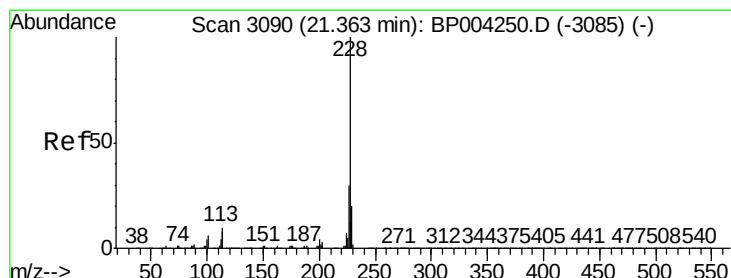
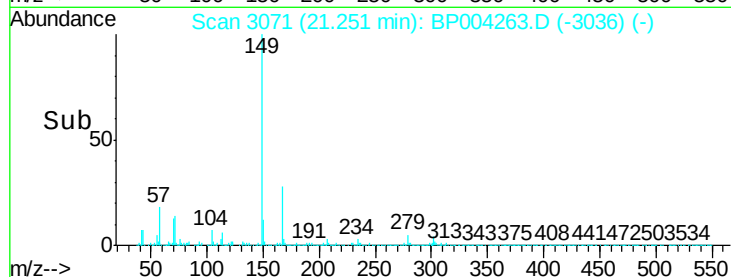
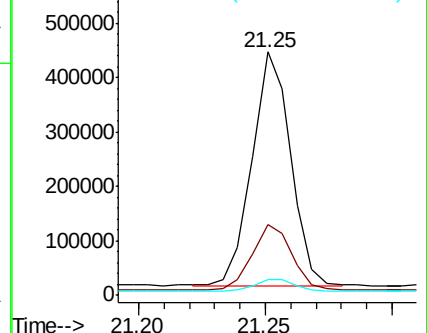
279 6.4 3.6 5.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 8.076 ng/ul

RT: 21.32 min Scan# 3083

Delta R.T. -0.04 min

Lab File: BP004263.D

Acq: 12 Dec 2020 17:25

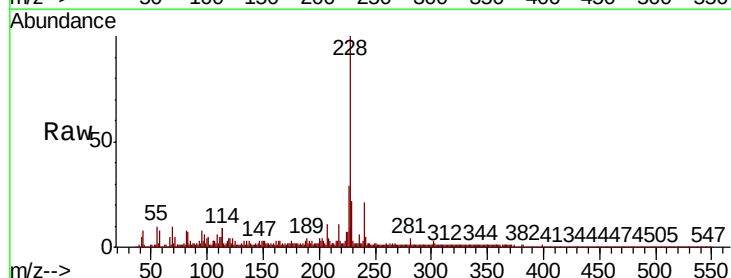
Tgt Ion:228 Resp: 971778

Ion Ratio Lower Upper

228 100

226 28.6 24.2 36.2

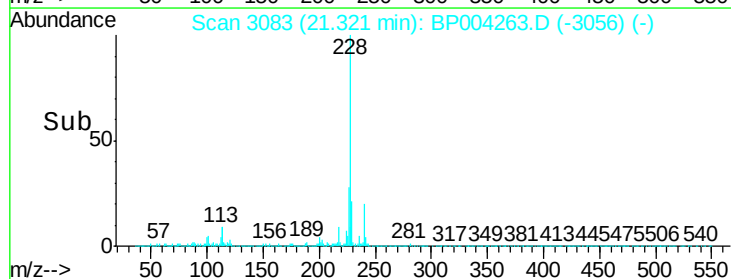
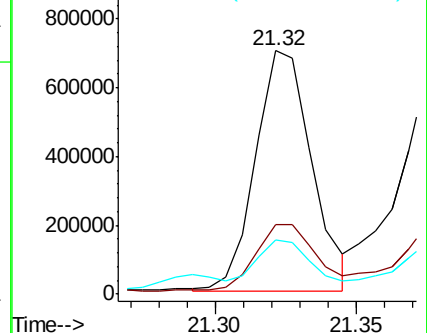
229 22.3 15.8 23.8

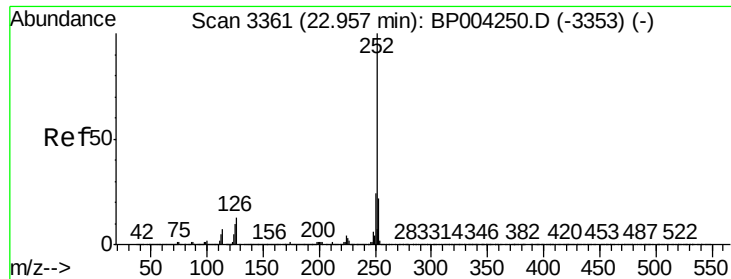


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 10.206 ng/uL

RT: 22.99 min Scan# 3366

Delta R.T. 0.02 min

Lab File: BP004263.D

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Instrument :

BNA_P

ClientSampleId :

A54A4

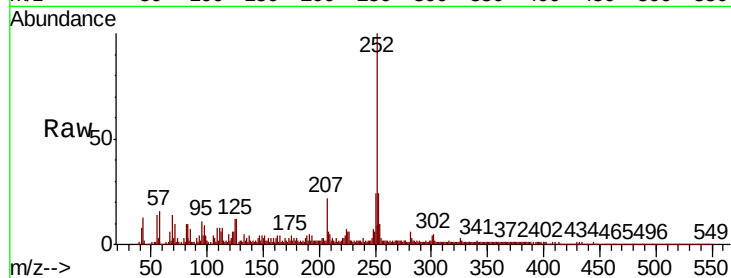
Tot Ion:252 Resp: 1361092

Ion Ratio Lower Upper

252 100

253 24.4 17.6 26.4

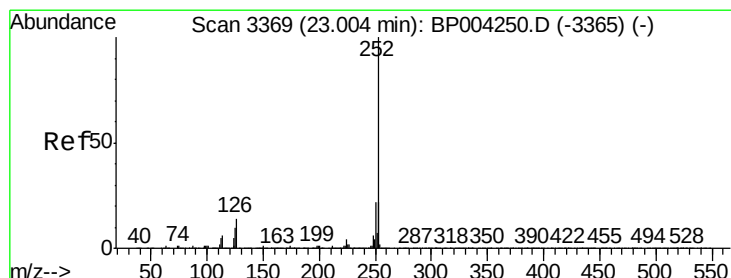
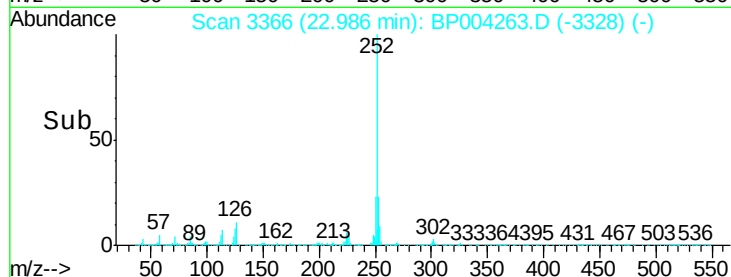
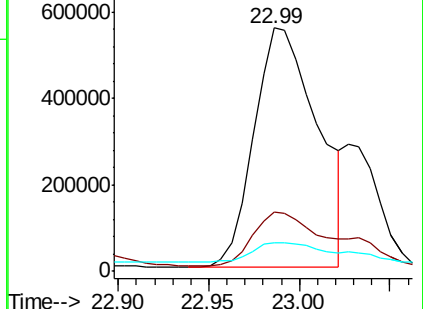
125 11.9 7.7 11.5#



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: 9.937 ng/uL

RT: 22.99 min Scan# 3366

Delta R.T. -0.02 min

Lab File: BP004263.D

Acq: 12 Dec 2020 17:25

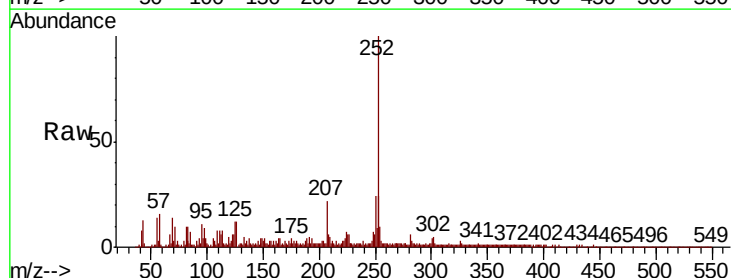
Tgt Ion:252 Resp: 1361092

Ion Ratio Lower Upper

252 100

253 24.4 17.4 26.2

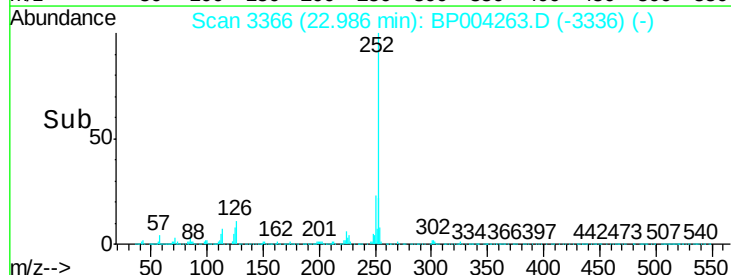
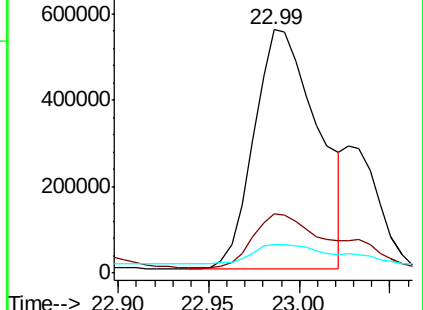
125 11.9 7.3 10.9#

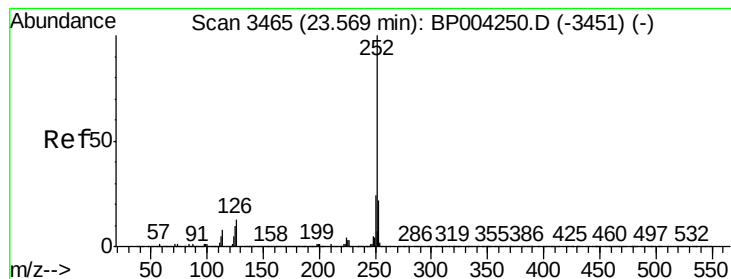


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 8.632 ng/ul

RT: 23.60 min Scan# 3471

Delta R.T. 0.03 min

Lab File: BP004263.D

Acq: 12 Dec 2020 17:25

Instrument :

BNA_P

ClientSampleId :

A54A4

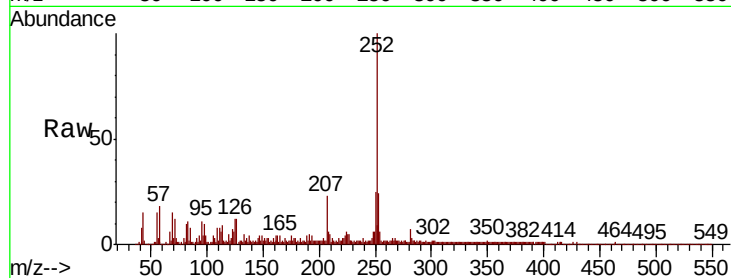
Tot Ion:252 Resp: 1074282

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.3	25.9
125	12.4	7.8	11.6

252 100

253 24.2 17.3 25.9

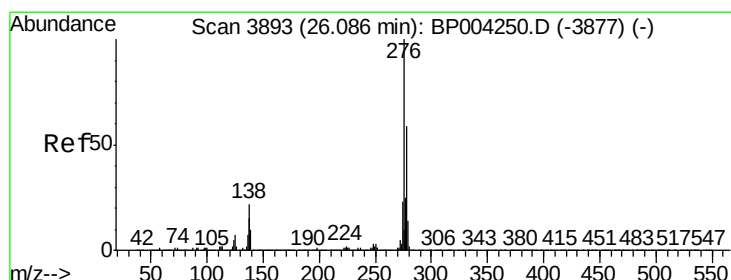
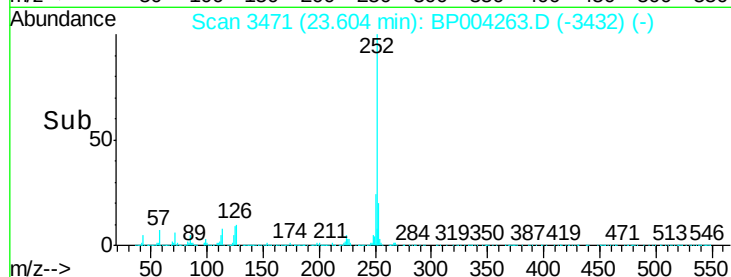
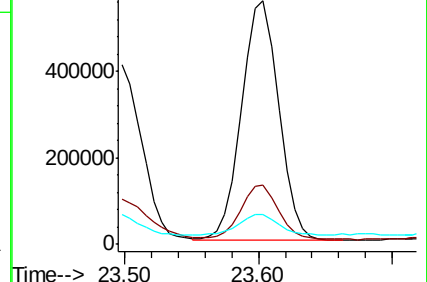
125 12.4 7.8 11.6



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: 5.121 ng/ul

RT: 26.14 min Scan# 3902

Delta R.T. 0.05 min

Lab File: BP004263.D

Acq: 12 Dec 2020 17:25

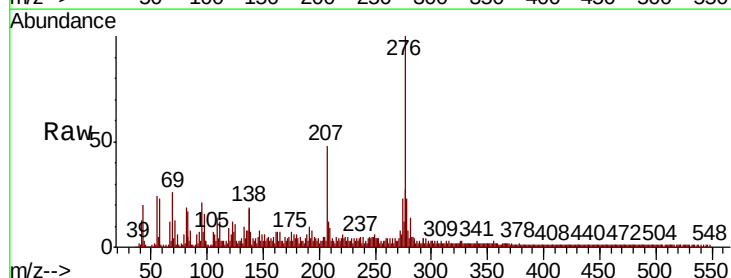
Tgt Ion:276 Resp: 799218

Ion	Ratio	Lower	Upper
276	100		
138	18.6	17.8	26.6
277	26.6	19.8	29.6

276 100

138 18.6 17.8 26.6

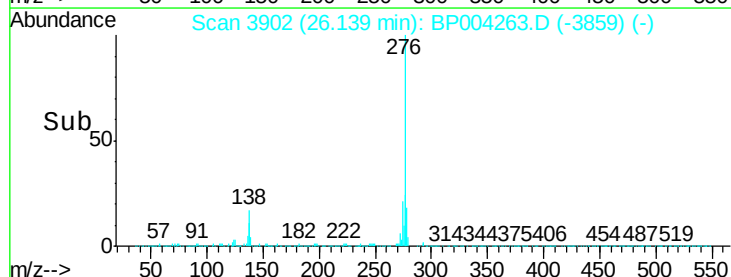
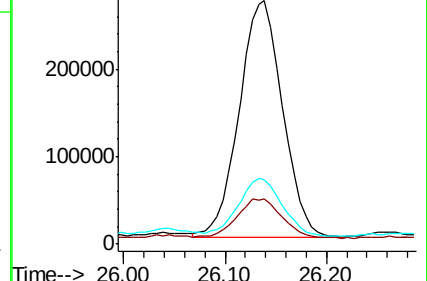
277 26.6 19.8 29.6

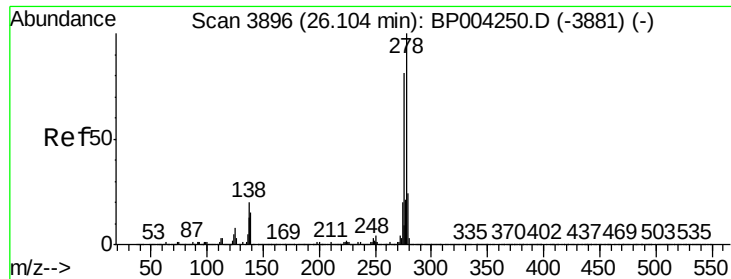


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 1.543 ng/ul

RT: 26.14 min Scan# 3902

Delta R.T. 0.04 min

Lab File: BP004263.D

Acq: 12 Dec 2020 17:25

Instrument :

BNA_P

ClientSampleId :

A54A4

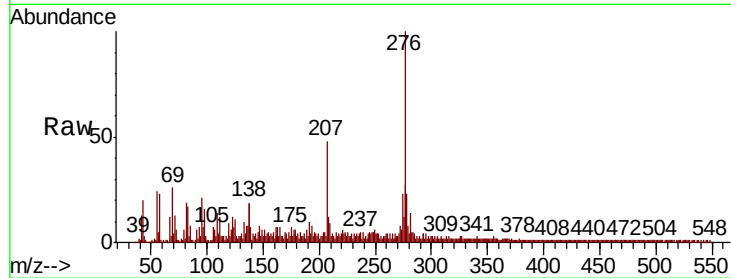
Tot Ion:278 Resp: 201891

Ion Ratio Lower Upper

278 100

139 31.1 11.9 17.9#

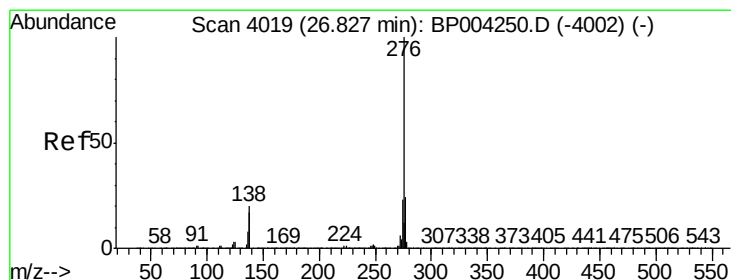
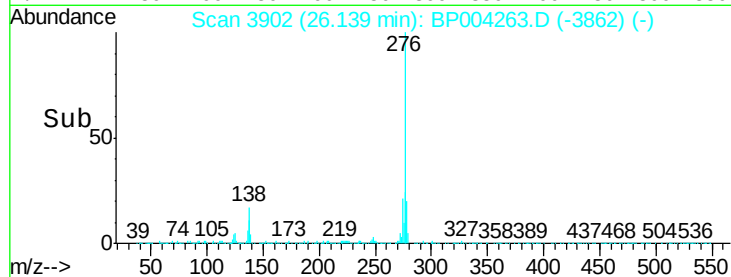
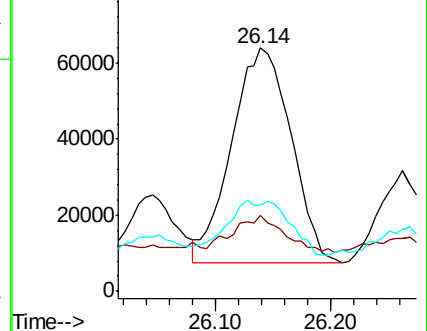
279 35.2 18.6 28.0#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 5.355 ng/ul

RT: 26.88 min Scan# 4028

Delta R.T. 0.05 min

Lab File: BP004263.D

Acq: 12 Dec 2020 17:25

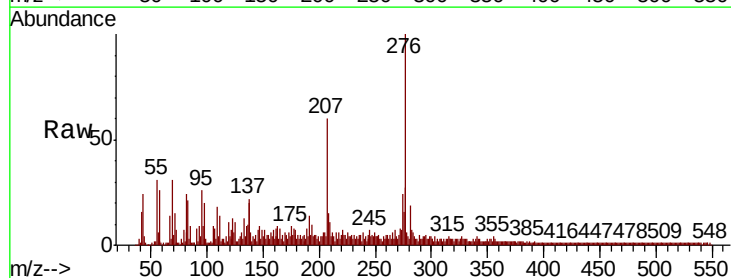
Tgt Ion:276 Resp: 701168

Ion Ratio Lower Upper

276 100

138 19.7 16.6 25.0

277 27.1 18.5 27.7



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

