

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
 Data File : BP004282.D
 Acq On : 14 Dec 2020 19:44
 Operator : CG/JU
 Sample : L5001-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54C5

Quant Time: Dec 15 00:02:16 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	369451	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1589549	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	1009860	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.25	188	2161997	20.00	ng/ul	0.02
78) Chrysene-d12	21.35	240	2023056	20.00	ng/ul	0.02
86) Perylene-d12	23.71	264	2248011	20.00	ng/ul	0.04

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	21420	2.04	ng/uL	0.00
5) Phenol-d5	7.00	99	481779	15.76	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.17	67	255333	13.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	379034	16.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	387490	16.78	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	212282	16.31	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	233338	21.73	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	439818	18.63	ng/ul	0.02
29) 4-Chloroaniline-d4	10.77	131	545927	18.65	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	1406457	18.22	ng/ul	0.01
47) Acenaphthylene-d8	14.17	160	1807964	18.35	ng/ul	0.01
52) 4-Nitrophenol-d4	14.68	143	213100	16.35	ng/ul	0.02
58) Fluorene-d10	15.49	176	1252009	17.91	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.61	200	73439	7.08	ng/ul	0.03
71) Anthracene-d10	17.35	188	2072279	19.67	ng/ul	0.01
79) Pyrene-d10	19.59	212	2361980	22.41	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.56	264	2478122	20.93	ng/ul	0.04

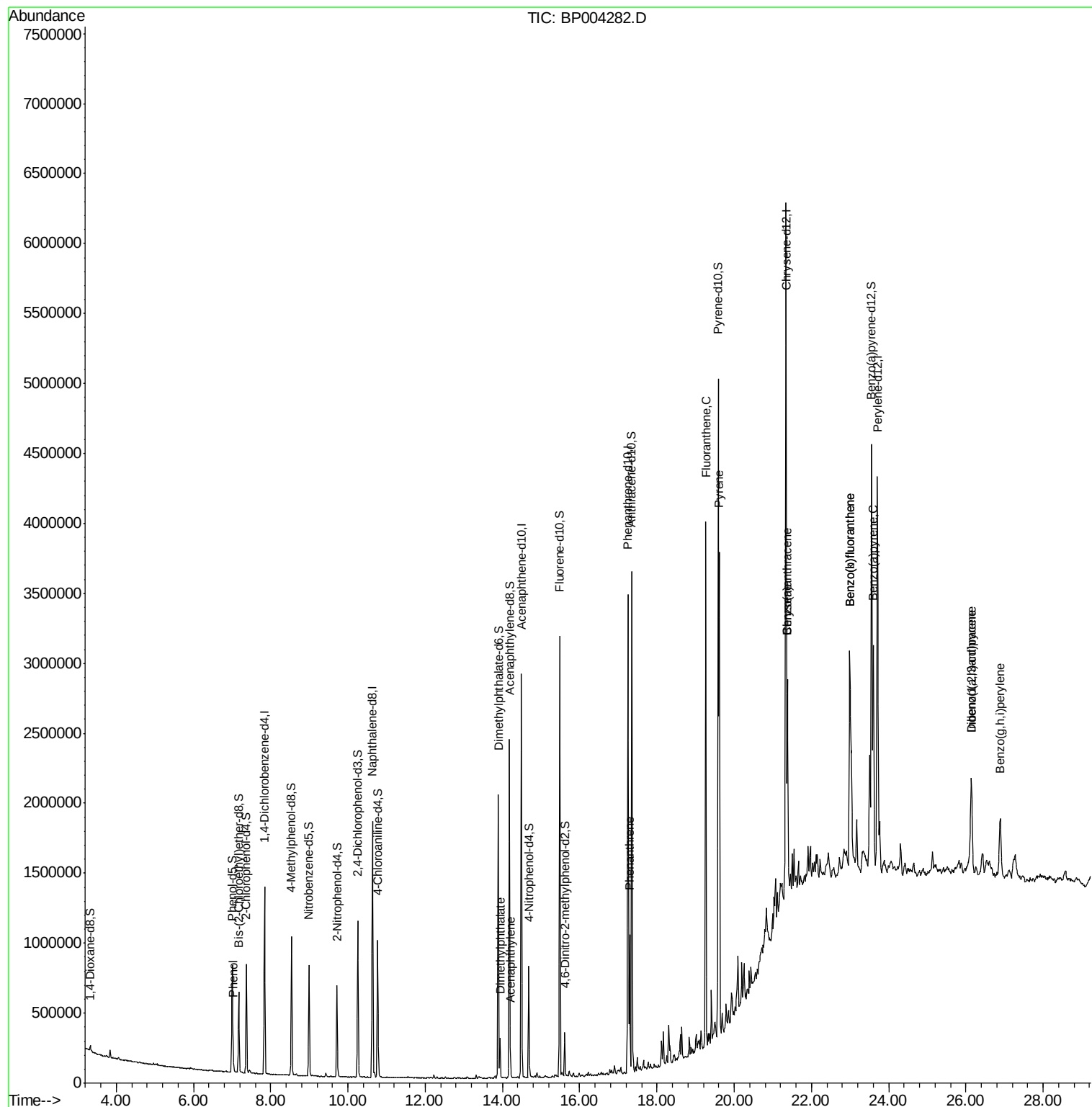
Target Compounds				Ovalue		
6) Phenol	7.03	94	61005	1.912	ng/ul	98
45) Dimethylphthalate	13.94	163	183730	2.337	ng/ul	99
48) Acenaphthylene	14.21	152	118462	1.212	ng/ul	99
70) Phenanthrene	17.29	178	627211	4.917	ng/ul	100
77) Fluoranthene	19.26	202	2151078	15.794	ng/ul	97
80) Pyrene	19.62	202	2016929	14.780	ng/ul	97
83) Benzo(a)anthracene	21.38	228	849310	6.369	ng/ul	94
85) Chrysene	21.38	228	851475	6.509	ng/ul	97
88) Benzo(b)fluoranthene	22.99	252	1447249	10.152	ng/ul	98
89) Benzo(k)fluoranthene	22.99	252	1447249	9.885	ng/ul	98
91) Benzo(a)pyrene	23.61	252	1081133	8.127	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.14	276	772765	4.632	ng/ul	95
93) Dibenzo(a,h)anthracene	26.14	278	166599	1.191	ng/ul#	79
94) Benzo(g,h,i)perylene	26.89	276	600238	4.288	ng/ul	94

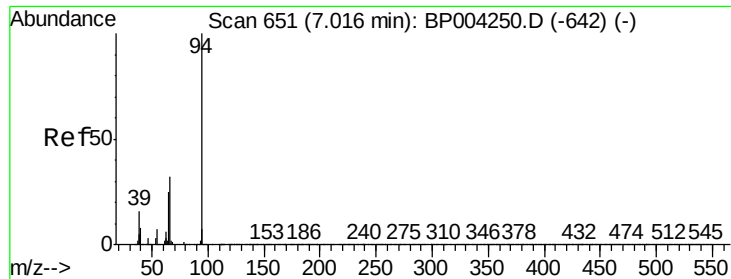
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Phenol

Concen: 1.912 ng/ul

RT: 7.03 min Scan# 653

Delta R.T. 0.01 min

Lab File: BP004282.D

Acq: 14 Dec 2020 19:44

Instrument :

BNA_P

ClientSampled :

A54C5

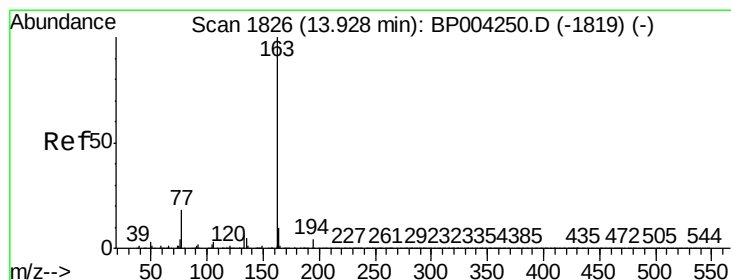
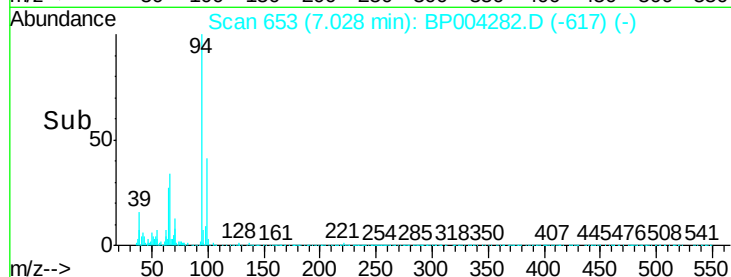
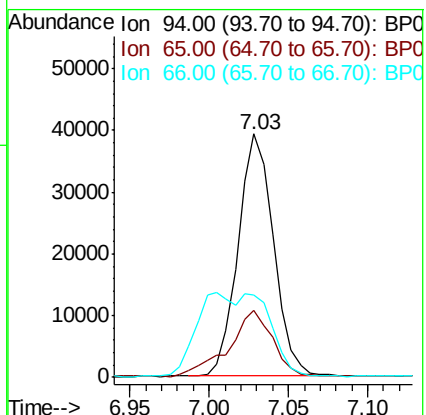
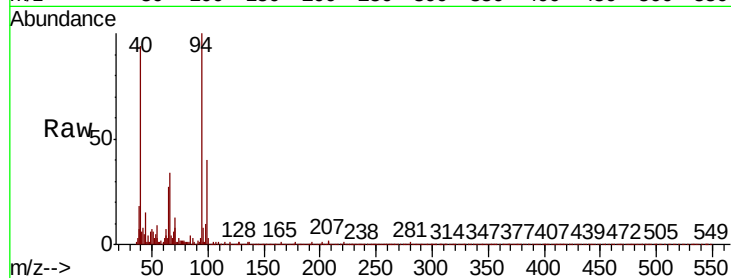
Tot Ion: 94 Resp: 61005

Ion Ratio Lower Upper

94 100

65 27.4 20.8 31.2

66 34.0 26.5 39.7



#45

Dimethylphthalate

Concen: 2.337 ng/ul

RT: 13.94 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BP004282.D

Acq: 14 Dec 2020 19:44

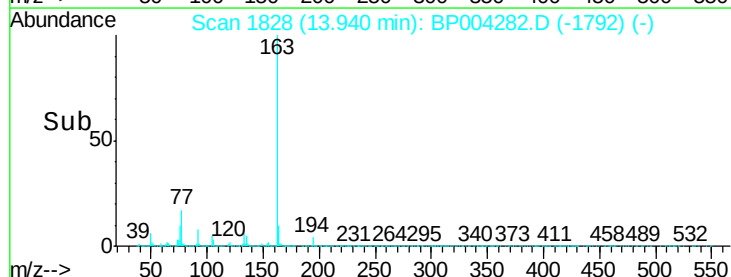
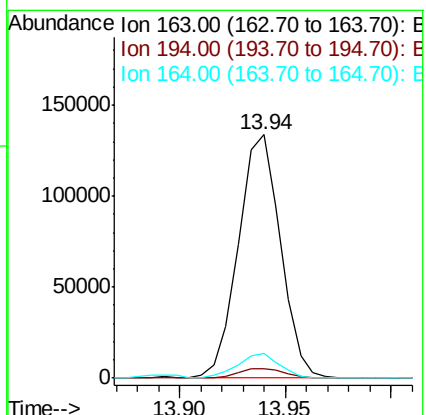
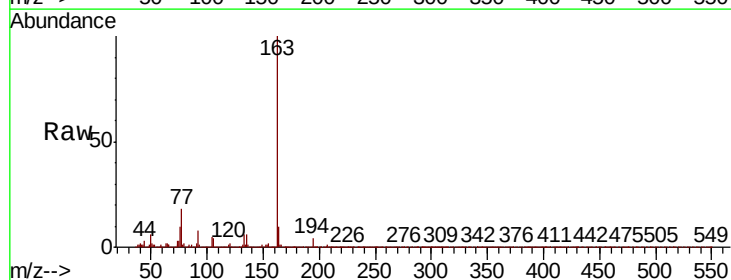
Tgt Ion: 163 Resp: 183730

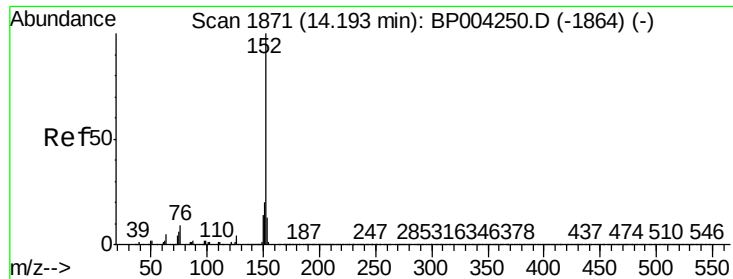
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

164 10.3 8.4 12.6





#48

Acenaphthylene

Concen: 1.212 ng/ul

RT: 14.21 min Scan# 1874

Delta R.T. 0.02 min

Lab File: BP004282.D

Acq: 14 Dec 2020 19:44

Instrument :

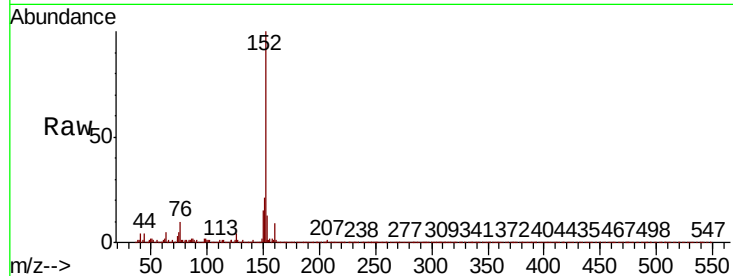
BNA_P

ClientSampleId :

A54C5

Tot Ion:152 Resp: 118462

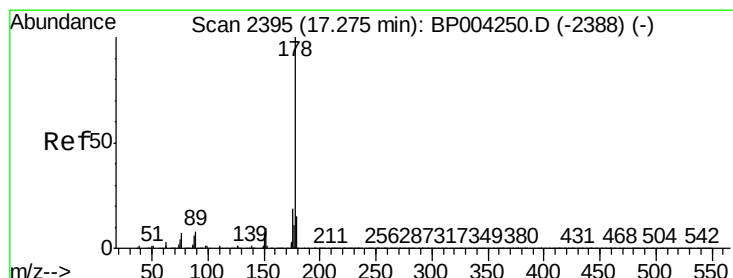
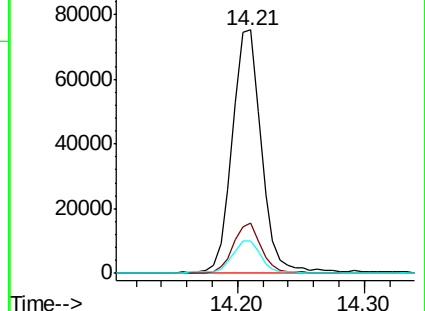
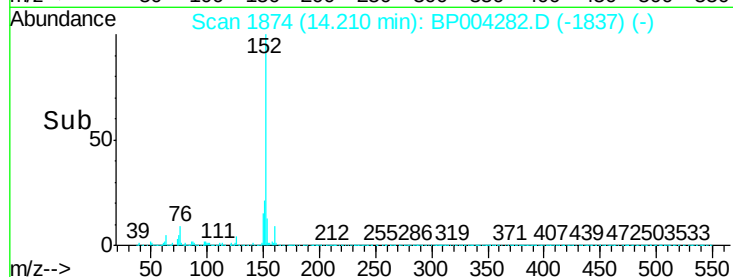
Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.8	23.8
153	13.4	10.6	16.0



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



#70

Phenanthrene

Concen: 4.917 ng/ul

RT: 17.29 min Scan# 2398

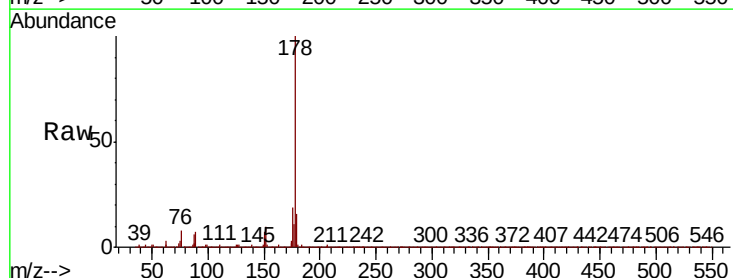
Delta R.T. 0.02 min

Lab File: BP004282.D

Acq: 14 Dec 2020 19:44

Tgt Ion:178 Resp: 627211

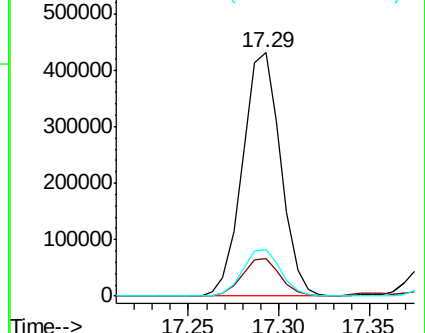
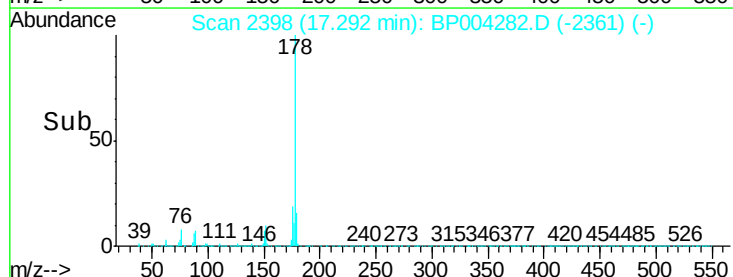
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	19.3	15.4	23.0

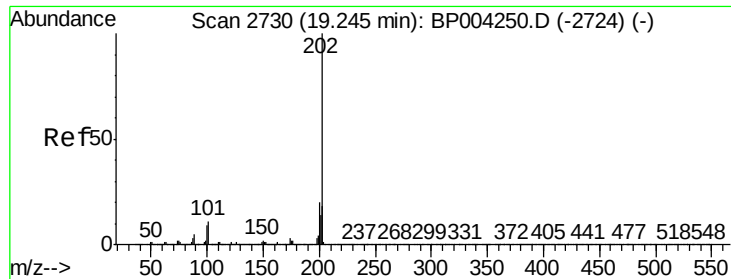


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



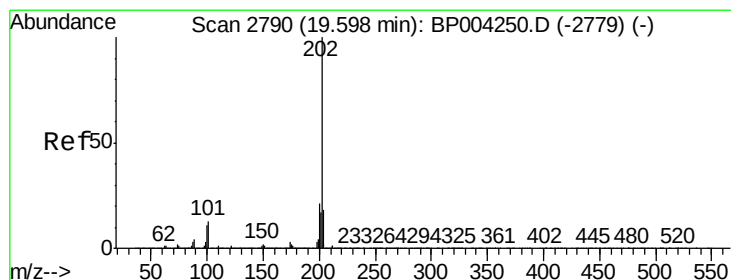
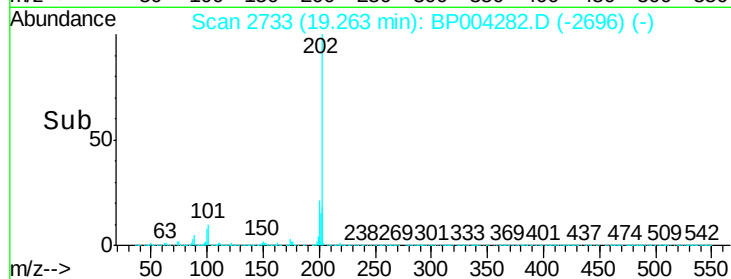
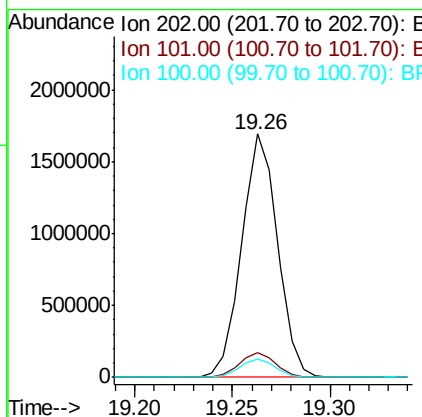
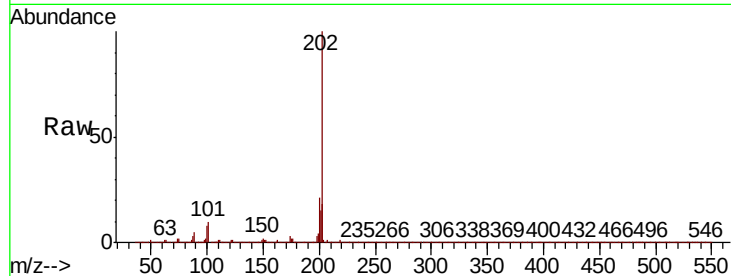


#77
 Fluoranthene
 Concen: 15.794 ng/ul
 RT: 19.26 min Scan# 2733
 Delta R.T. 0.02 min
 Lab File: BP004282.D
 Acq: 14 Dec 2020 19:44

Instrument :
 BNA_P
 ClientSampleId :
 A54C5

Tot Ion:202 Resp: 2151078

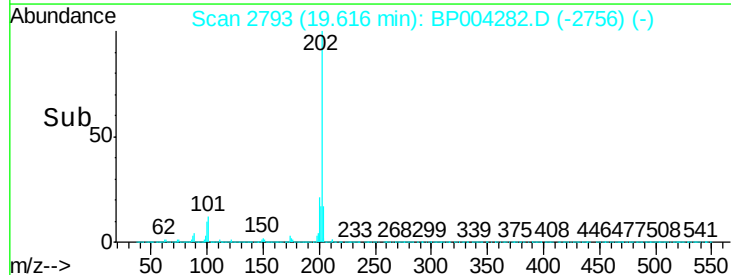
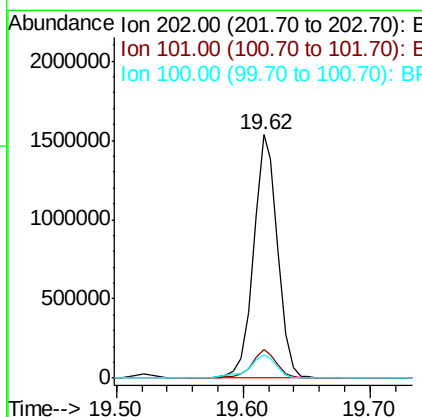
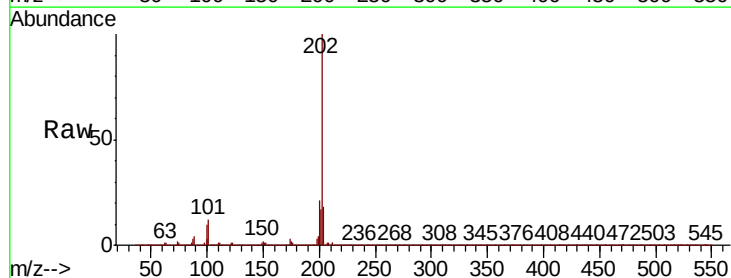
Ion	Ratio	Lower	Upper
202	100		
101	10.1	9.1	13.7
100	7.8	7.1	10.7

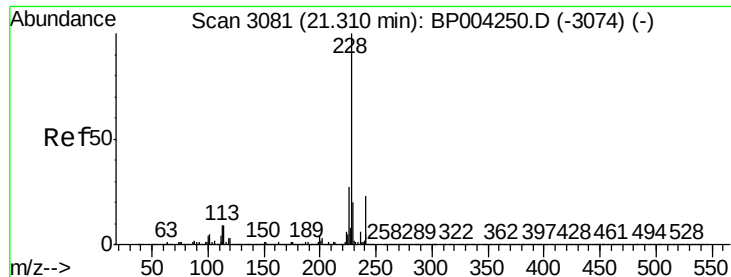


#80
 Pyrene
 Concen: 14.780 ng/ul
 RT: 19.62 min Scan# 2793
 Delta R.T. 0.02 min
 Lab File: BP004282.D
 Acq: 14 Dec 2020 19:44

Tgt Ion:202 Resp: 2016929

Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.6	15.8
100	9.9	8.6	12.8





#83

Benzo(a)anthracene

Concen: 6.369 ng/ul

RT: 21.38 min Scan# 3093

Delta R.T. 0.07 min

Lab File: BP004282.D

Acq: 14 Dec 2020 19:44

Instrument :

BNA_P

ClientSampleId :

A54C5

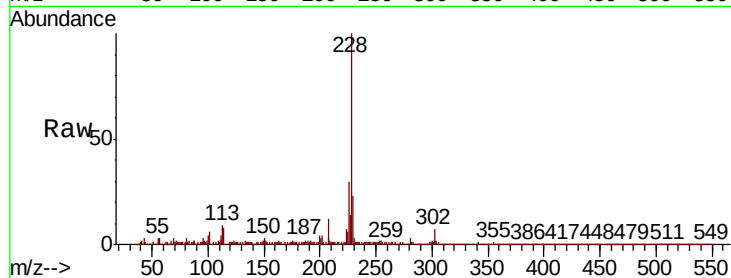
Tot Ion:228 Resp: 849310

Ion Ratio Lower Upper

228 100

229 22.8 15.8 23.8

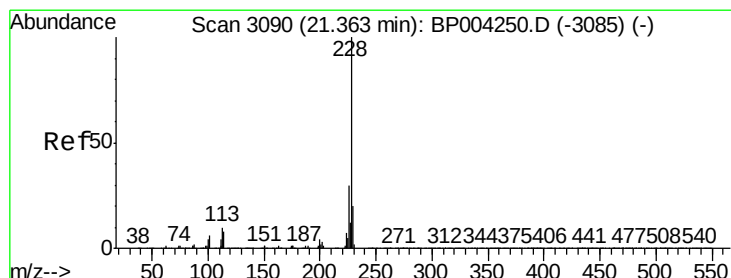
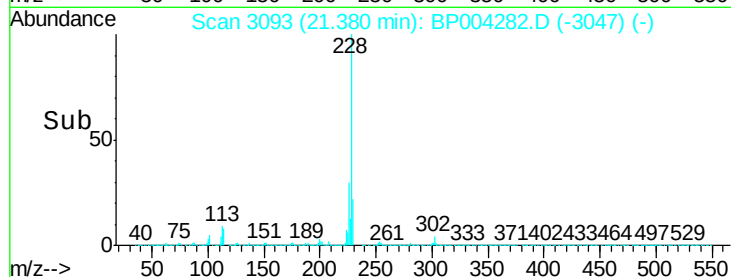
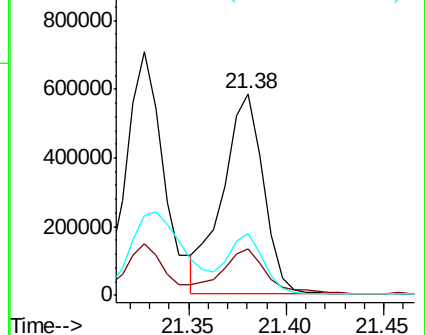
226 30.4 21.7 32.5



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



#85

Chrysene

Concen: 6.509 ng/ul

RT: 21.38 min Scan# 3093

Delta R.T. 0.02 min

Lab File: BP004282.D

Acq: 14 Dec 2020 19:44

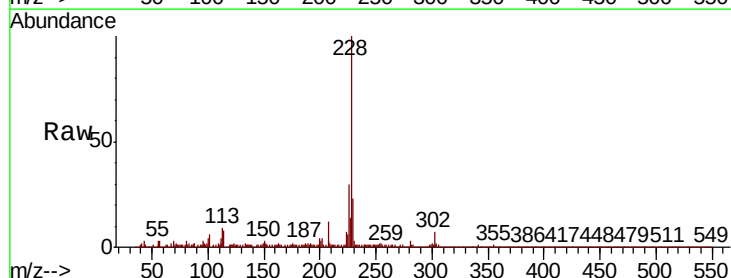
Tgt Ion:228 Resp: 851475

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

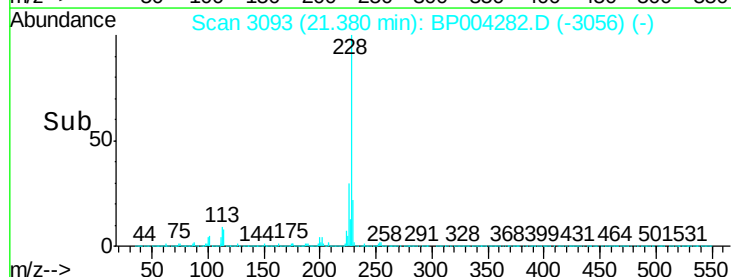
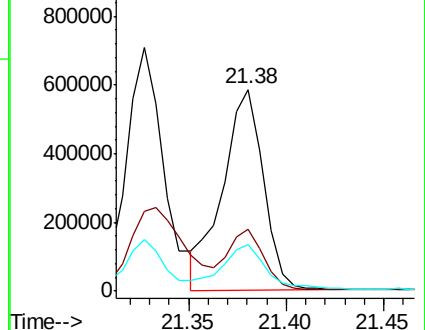
229 22.8 15.8 23.8

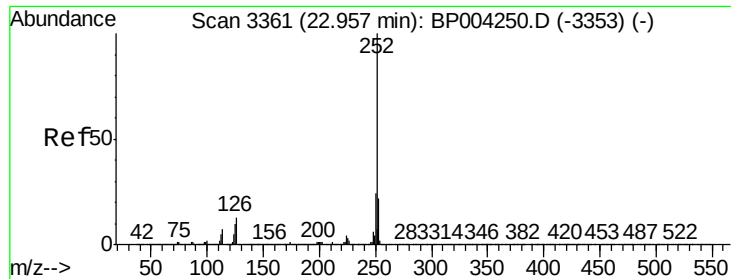


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 10.152 ng/ul

RT: 22.99 min Scan# 3367

Delta R.T. 0.03 min

Lab File: BP004282.D

Acq: 14 Dec 2020 19:44

Instrument :

BNA_P

ClientSampleId :

A54C5

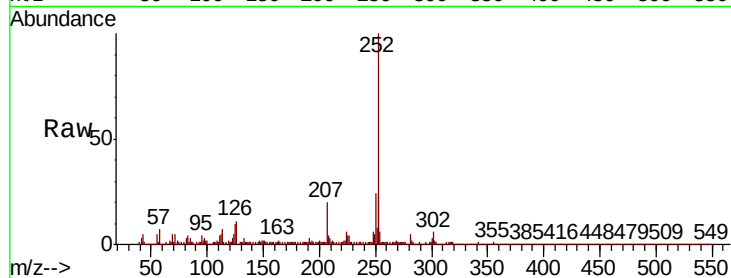
Tot Ion:252 Resp: 1447249

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

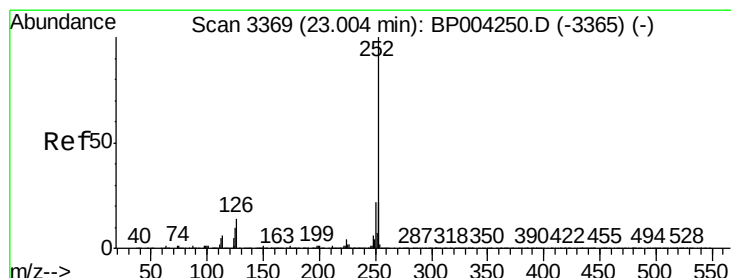
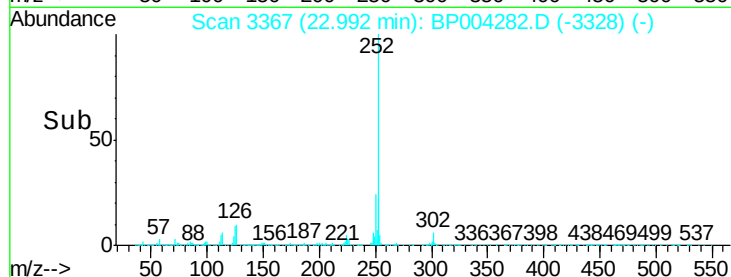
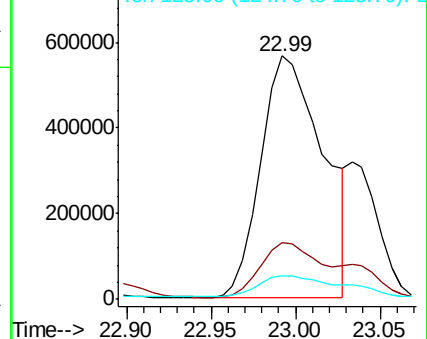
125 9.5 7.7 11.5



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: 9.885 ng/ul

RT: 22.99 min Scan# 3367

Delta R.T. -0.02 min

Lab File: BP004282.D

Acq: 14 Dec 2020 19:44

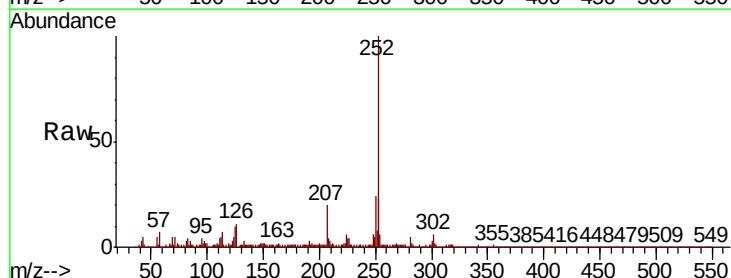
Tgt Ion:252 Resp: 1447249

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

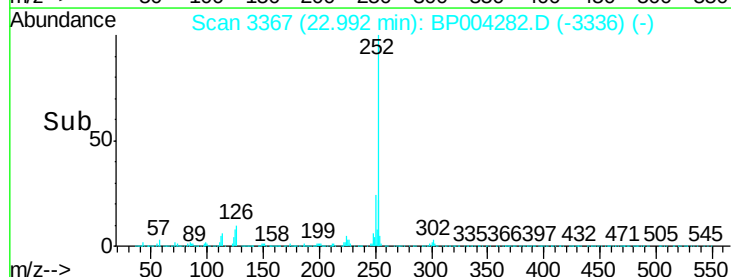
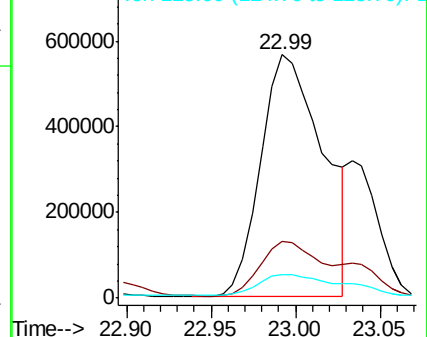
125 9.5 7.3 10.9

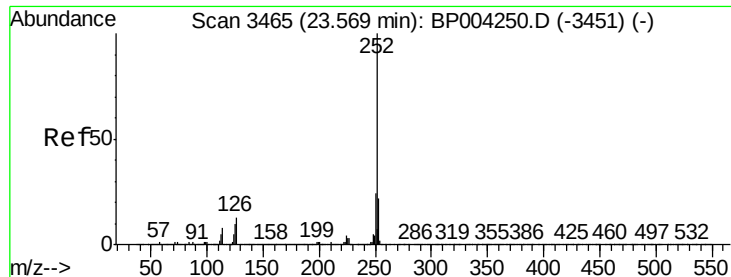


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 8.127 ng/ul

RT: 23.61 min Scan# 3472

Delta R.T. 0.04 min

Lab File: BP004282.D

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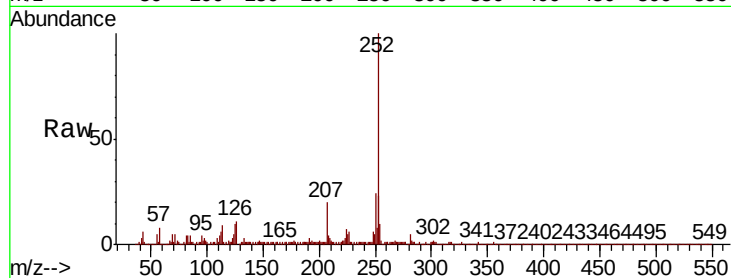
Tot Ion:252 Resp: 1081133

Ion Ratio Lower Upper

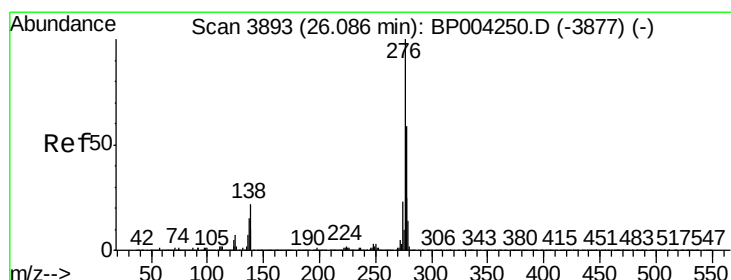
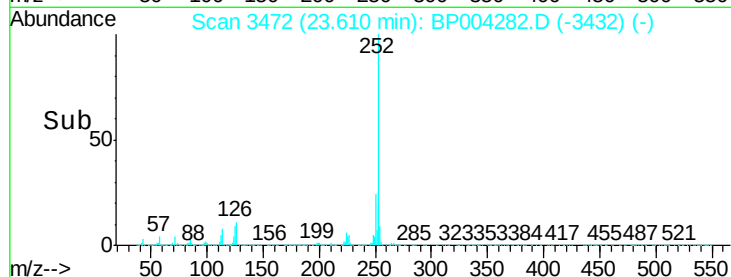
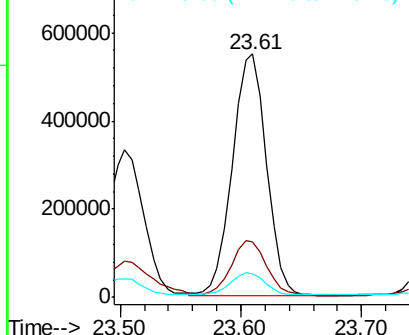
252 100

253 23.0 17.3 25.9

125 9.8 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: 4.632 ng/ul

RT: 26.14 min Scan# 3902

Delta R.T. 0.05 min

Lab File: BP004282.D

Acq: 14 Dec 2020 19:44

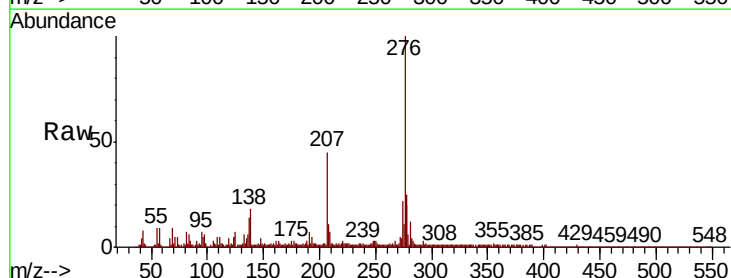
Tgt Ion:276 Resp: 772765

Ion Ratio Lower Upper

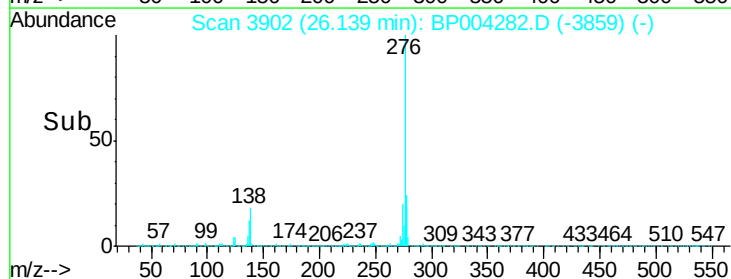
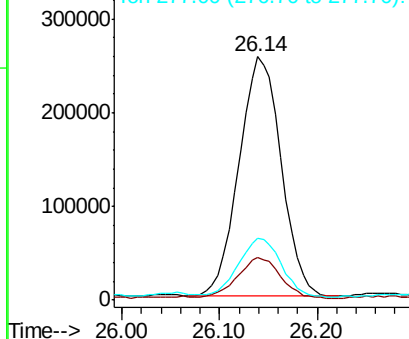
276 100

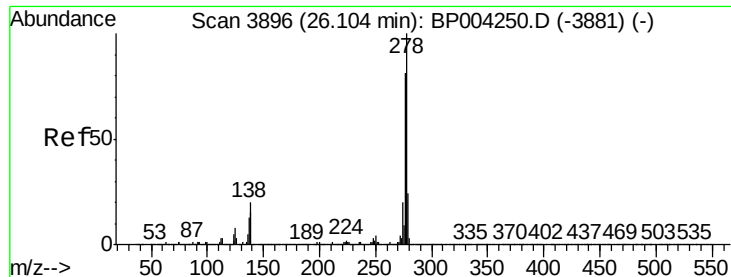
138 17.8 17.8 26.6

277 25.4 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: 1.191 ng/ul

RT: 26.14 min Scan# 3902

Delta R.T. 0.04 min

Lab File: BP004282.D

Acq: 14 Dec 2020 19:44

Instrument :

BNA_P

ClientSampleId :

A54C5

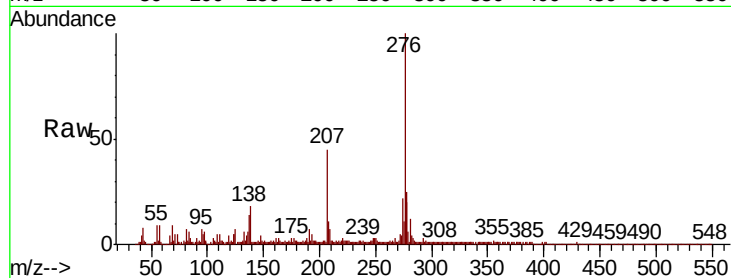
Tot Ion:278 Resp: 166599

Ion Ratio Lower Upper

278 100

139 0.0 11.9 17.9#

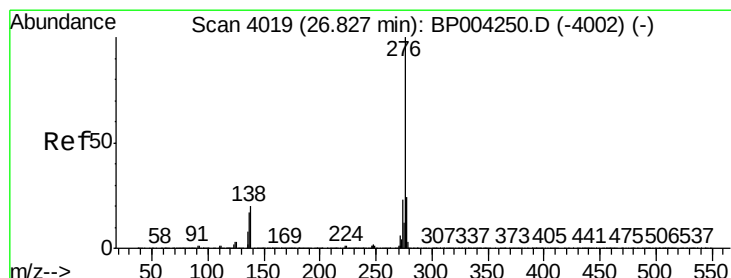
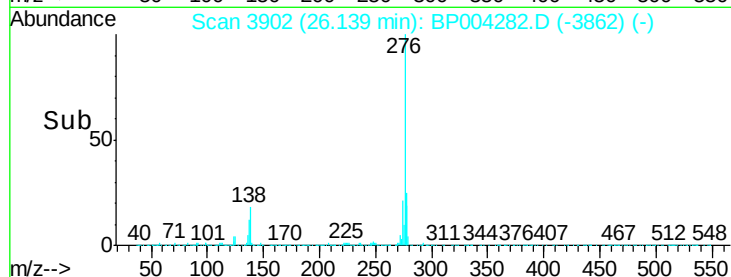
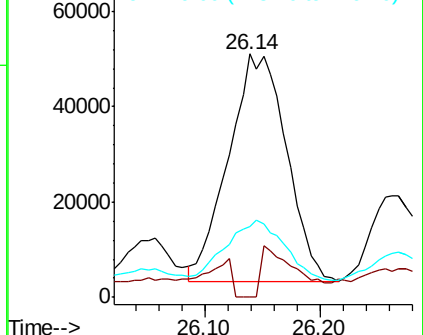
279 29.2 18.6 28.0#



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: 4.288 ng/ul

RT: 26.89 min Scan# 4030

Delta R.T. 0.06 min

Lab File: BP004282.D

Acq: 14 Dec 2020 19:44

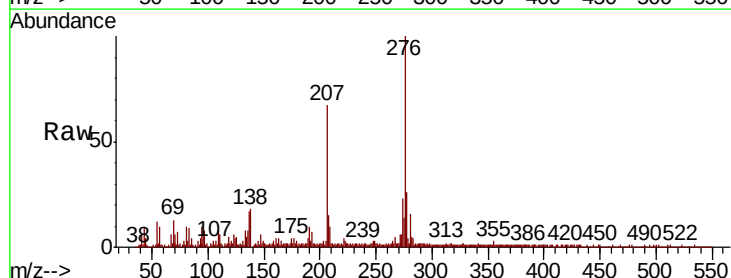
Tgt Ion:276 Resp: 600238

Ion Ratio Lower Upper

276 100

138 18.0 16.6 25.0

277 26.2 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

