

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121420\
 Data File : BP004278.D
 Acq On : 14 Dec 2020 17:28
 Operator : CG/JU
 Sample : L5000-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54A4

Quant Time: Dec 15 00:01:01 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	335853	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1423196	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.49	164	899321	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.25	188	1903170	20.00	ng/ul	0.02
78) Chrysene-d12	21.34	240	1783682	20.00	ng/ul	0.02
86) Perylene-d12	23.72	264	2007659	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	19318	2.02	ng/uL	0.00
5) Phenol-d5	7.00	99	419107	15.08	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.17	67	226678	13.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	345228	16.37	ng/ul	0.01
13) 4-Methylphenol-d8	8.55	113	322234	15.35	ng/ul	0.02
19) Nitrobenzene-d5	8.99	128	174413	14.96	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	184833	19.23	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	371050	17.55	ng/ul	0.02
29) 4-Chloroaniline-d4	10.77	131	346131	13.21	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	1103406	16.05	ng/ul	0.01
47) Acenaphthylene-d8	14.18	160	1474390	16.81	ng/ul	0.02
52) 4-Nitrophenol-d4	14.69	143	136624	11.77	ng/ul	0.03
58) Fluorene-d10	15.49	176	993432	15.96	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.62	200	28832	3.16	ng/ul	0.04
71) Anthracene-d10	17.35	188	1574468	16.97	ng/ul	0.02
79) Pyrene-d10	19.59	212	1723190	18.54	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.56	264	1869256	17.67	ng/ul	0.04

Target Compounds

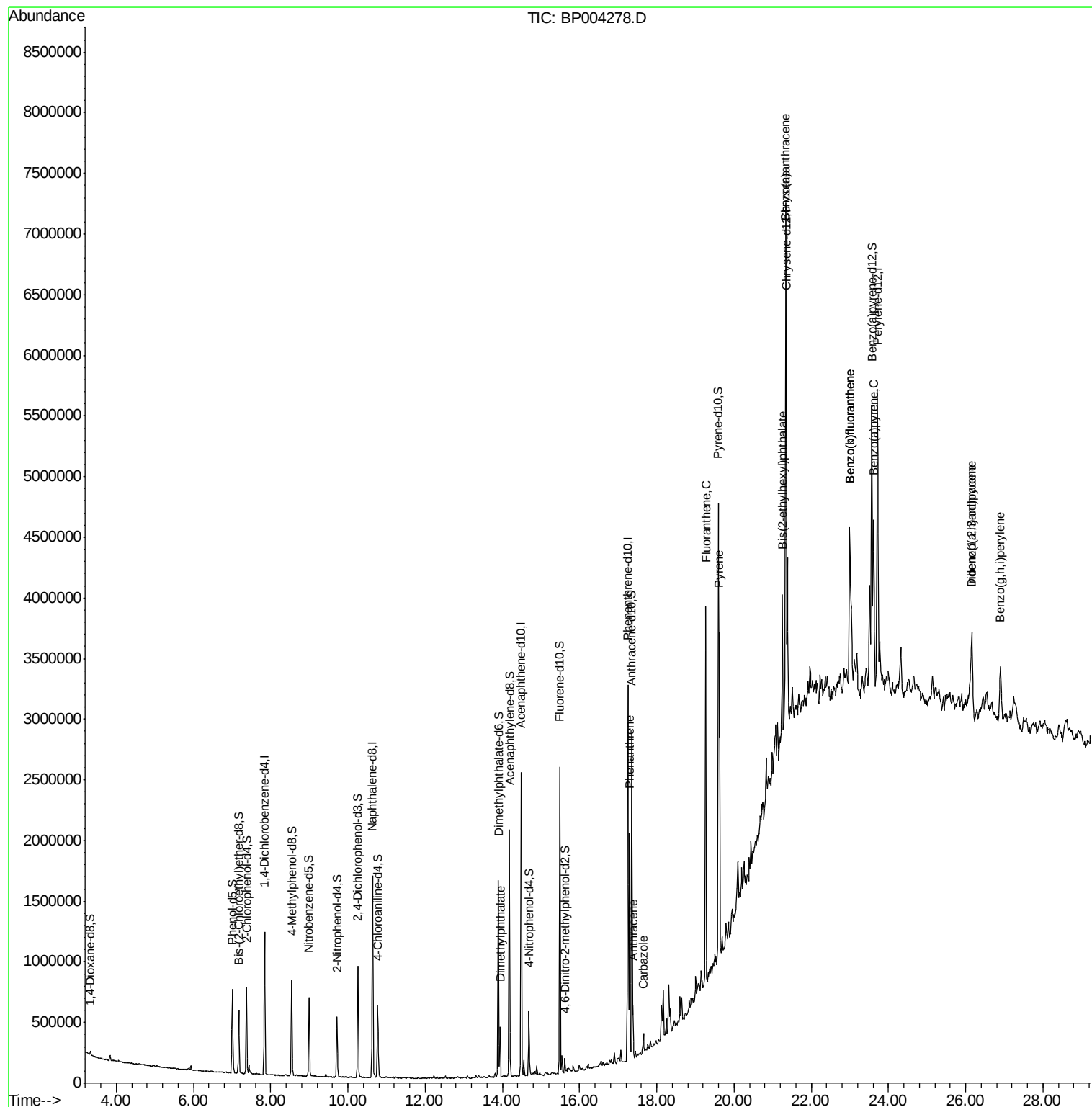
					Ovalue	
45) Dimethylphthalate	13.94	163	268700	3.838	ng/ul	100
70) Phenanthrene	17.29	178	1167265	10.396	ng/ul	99
72) Anthracene	17.39	178	290503	2.615	ng/ul	100
75) Carbazole	17.65	167	100808	1.115	ng/ul	98
77) Fluoranthene	19.27	202	1840285	15.350	ng/ul	96
80) Pyrene	19.62	202	1656394	13.767	ng/ul	95
83) Benzo(a)anthracene	21.33	228	874240	7.436	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.26	149	416511	7.745	ng/ul#	96
85) Chrysene	21.33	228	877695	7.610	ng/ul	97
88) Benzo(b)fluoranthene	23.00	252	1213561	9.532	ng/ul	95
89) Benzo(k)fluoranthene	23.00	252	1213561	9.281	ng/ul#	94
91) Benzo(a)pyrene	23.62	252	941221	7.922	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.16	276	700865	4.704	ng/ul	94
93) Dibenzo(a,h)anthracene	26.16	278	181760	1.456	ng/ul#	71
94) Benzo(g,h,i)perylene	26.90	276	616917	4.935	ng/ul	93

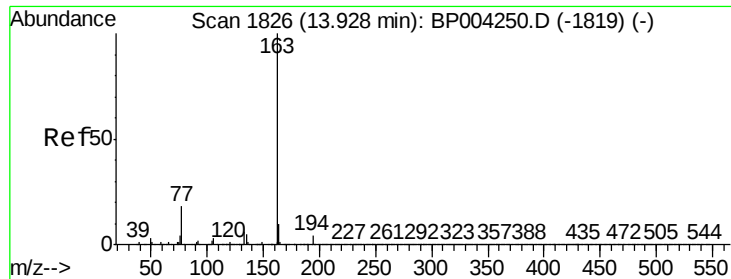
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
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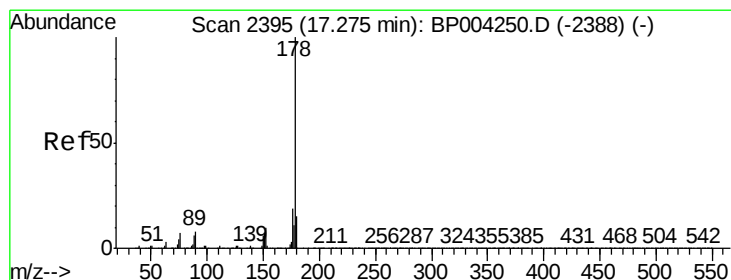
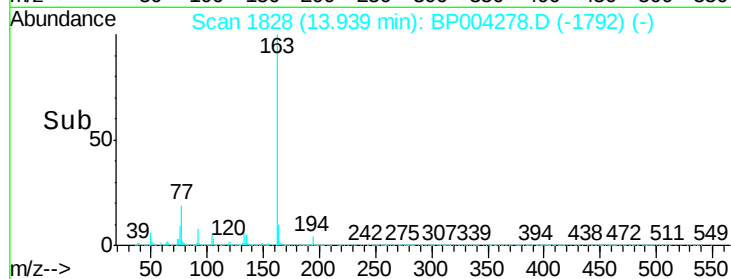
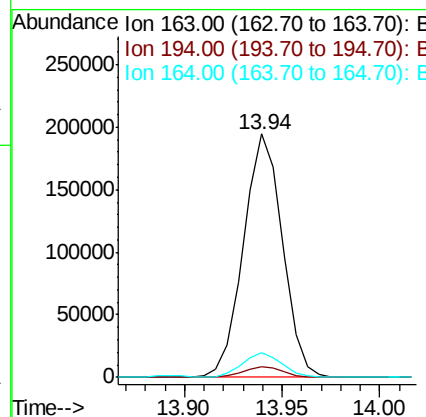
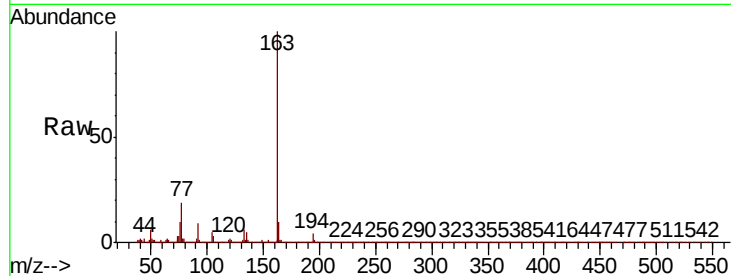




#45
Dimethylphthalate
Concen: 3.838 ng/ul
RT: 13.94 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BP004278.D
Acq: 14 Dec 2020 17:28

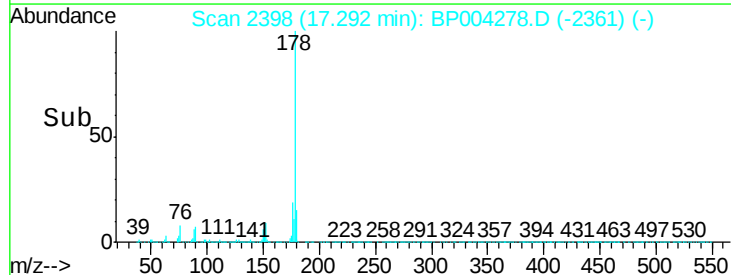
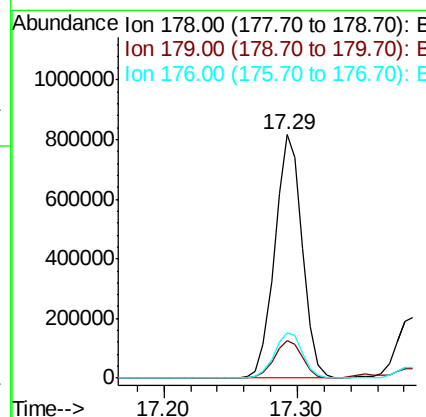
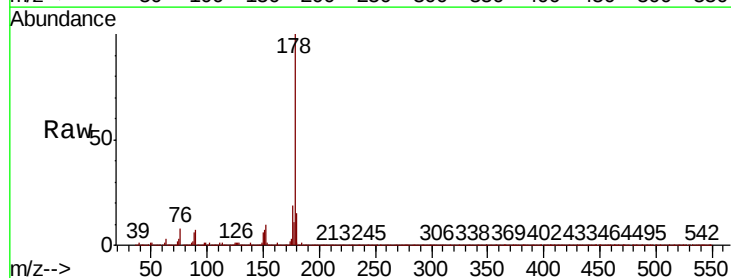
Instrument :
BNA_P
ClientSampleId :
A54A4

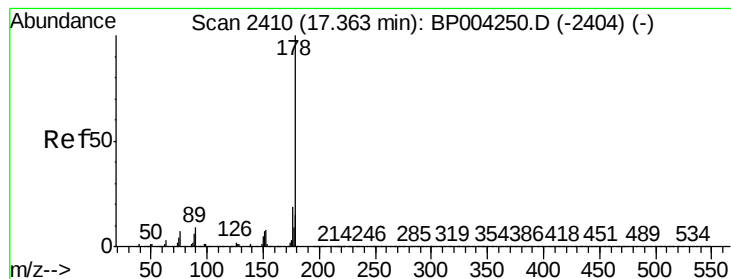
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.3	8.4	12.6



#70
Phenanthrene
Concen: 10.396 ng/ul
RT: 17.29 min Scan# 2398
Delta R.T. 0.02 min
Lab File: BP004278.D
Acq: 14 Dec 2020 17:28

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





#72

Anthracene

Concen: 2.615 ng/ul

RT: 17.39 min Scan# 2414

Delta R.T. 0.02 min

Lab File: BP004278.D

Acq: 14 Dec 2020 17:28

Instrument :

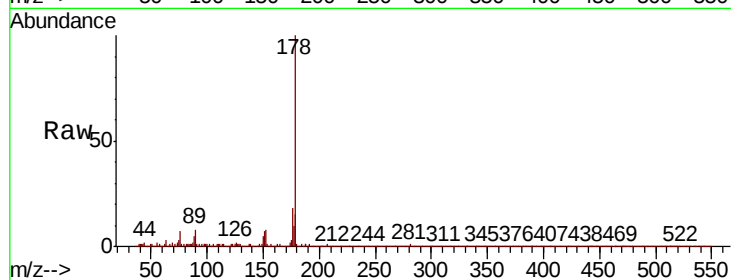
BNA_P

ClientSampleId :

A54A4

Tot Ion:178 Resp: 290503

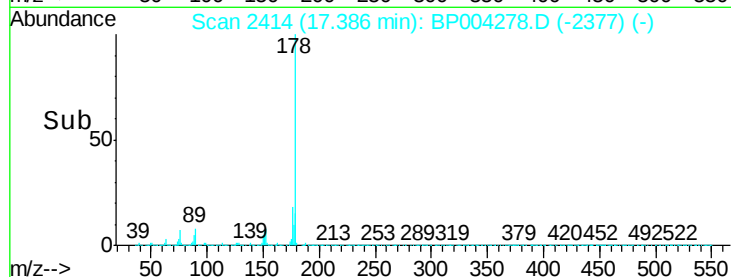
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.3	14.9	22.3



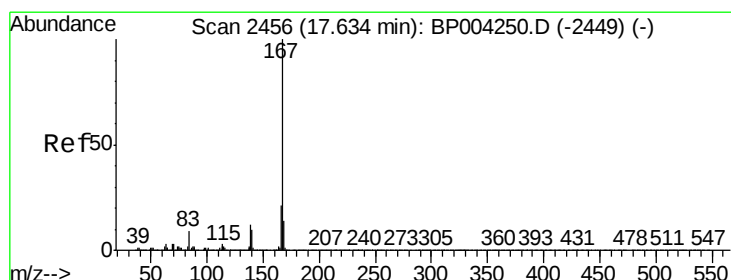
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.30 17.35 17.40 17.45



#75

Carbazole

Concen: 1.115 ng/ul

RT: 17.65 min Scan# 2459

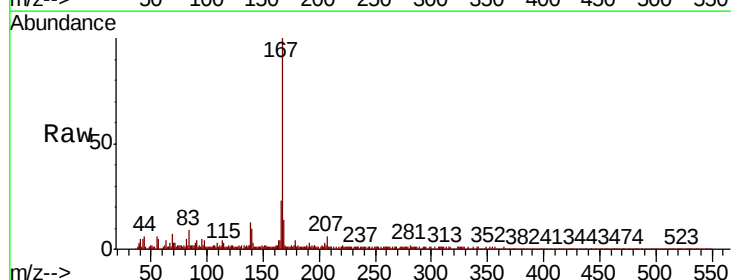
Delta R.T. 0.02 min

Lab File: BP004278.D

Acq: 14 Dec 2020 17:28

Tgt Ion:167 Resp: 100808

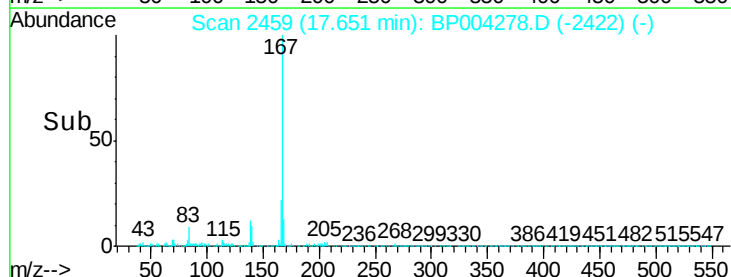
Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.1	25.7
139	13.0	9.8	14.6



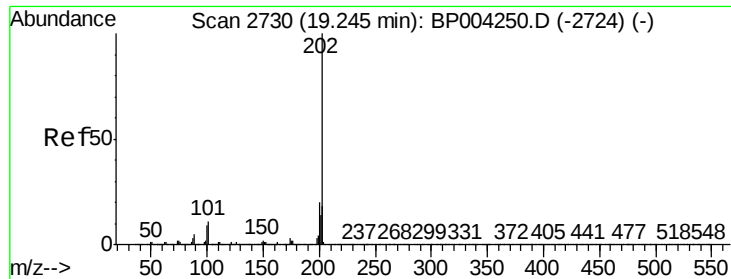
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



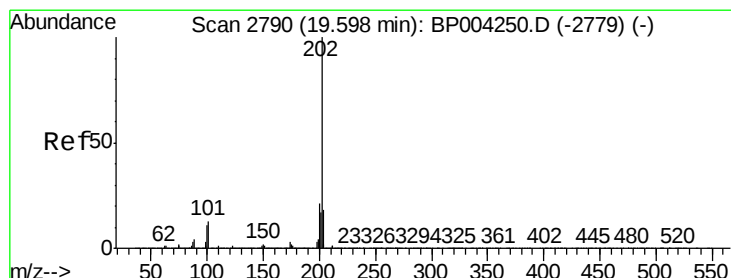
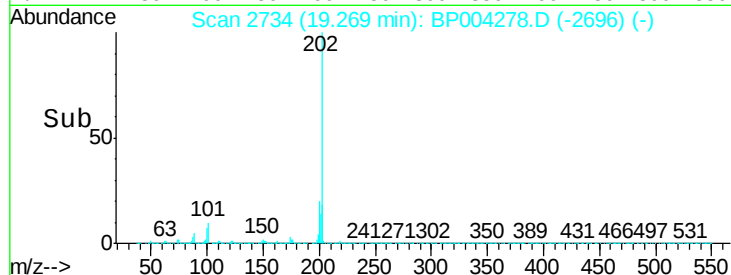
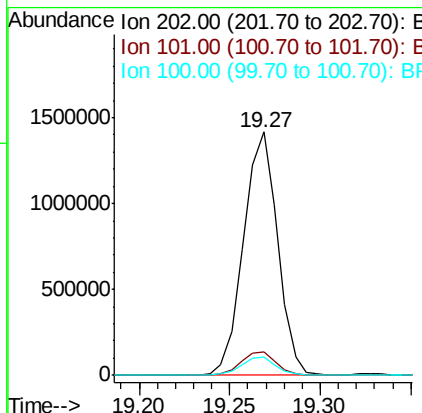
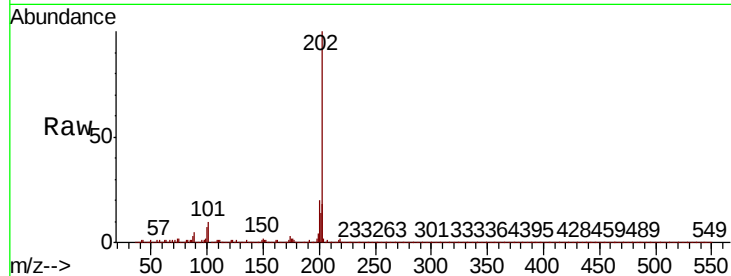
Time--> 17.60 17.65 17.70



#77
 Fluoranthene
 Concen: 15.350 ng/ul
 RT: 19.27 min Scan# 2734
 Delta R.T. 0.02 min
 Lab File: BP004278.D
 Acq: 14 Dec 2020 17:28

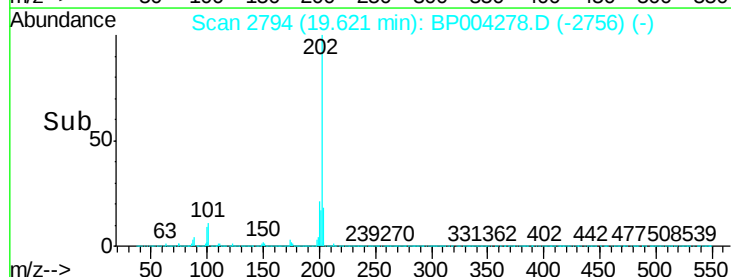
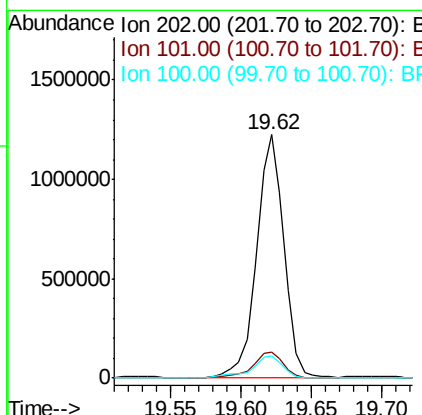
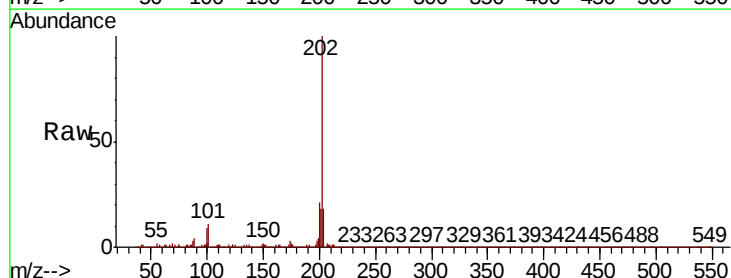
Instrument :
 BNA_P
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 A54A4

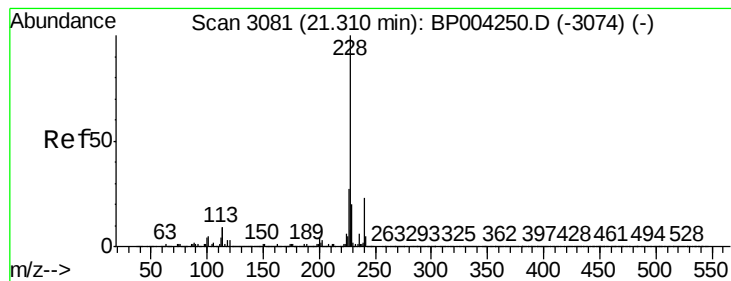
Tot Ion:202 Resp: 1840285
 Ion Ratio Lower Upper
 202 100
 101 9.7 9.1 13.7
 100 7.3 7.1 10.7



#80
 Pyrene
 Concen: 13.767 ng/ul
 RT: 19.62 min Scan# 2794
 Delta R.T. 0.02 min
 Lab File: BP004278.D
 Acq: 14 Dec 2020 17:28

Tgt Ion:202 Resp: 1656394
 Ion Ratio Lower Upper
 202 100
 101 10.8 10.6 15.8
 100 8.9 8.6 12.8





#83

Benzo(a)anthracene

Concen: 7.436 ng/ul

RT: 21.33 min Scan# 3085

Delta R.T. 0.02 min

Lab File: BP004278.D

Acq: 14 Dec 2020 17:28

Instrument :

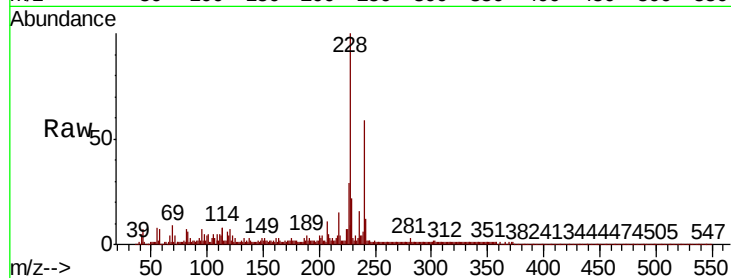
BNA_P

ClientSampleId :

A54A4

Tot Ion:228 Resp: 874240

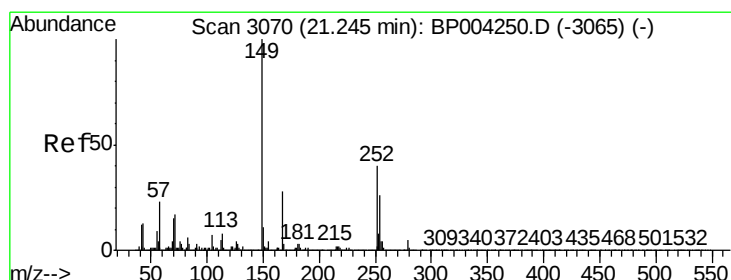
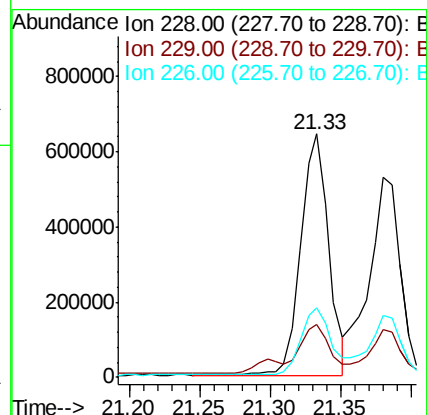
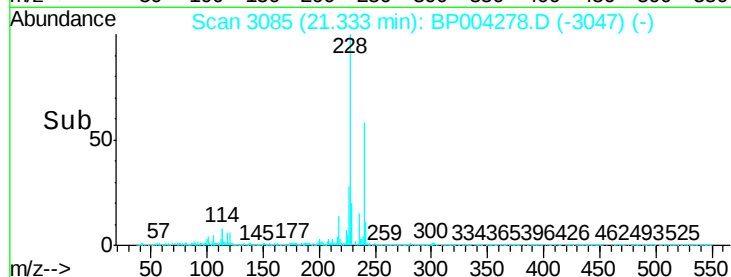
Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.8	23.8
226	28.8	21.7	32.5



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: 7.745 ng/ul

RT: 21.26 min Scan# 3072

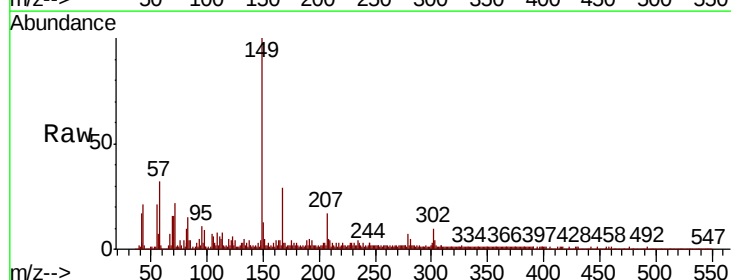
Delta R.T. 0.01 min

Lab File: BP004278.D

Acq: 14 Dec 2020 17:28

Tgt Ion:149 Resp: 416511

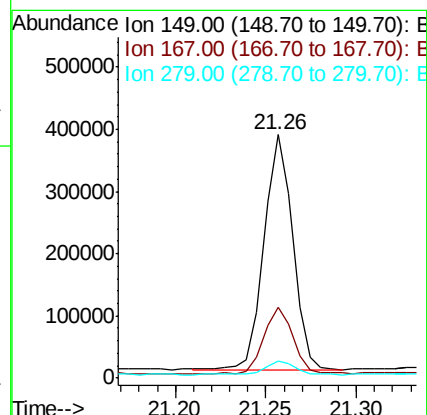
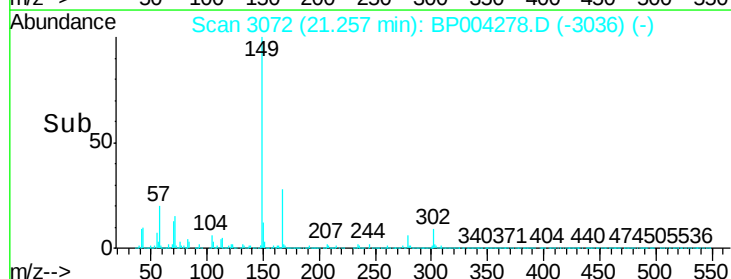
Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.2	33.4
279	7.1	3.6	5.4

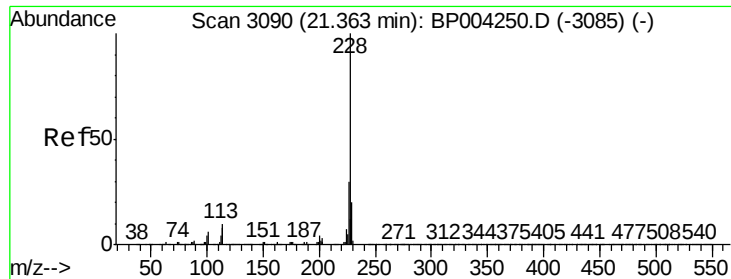


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 7.610 ng/ul

RT: 21.33 min Scan# 3085

Delta R.T. -0.03 min

Lab File: BP004278.D

Acq: 14 Dec 2020 17:28

Instrument :

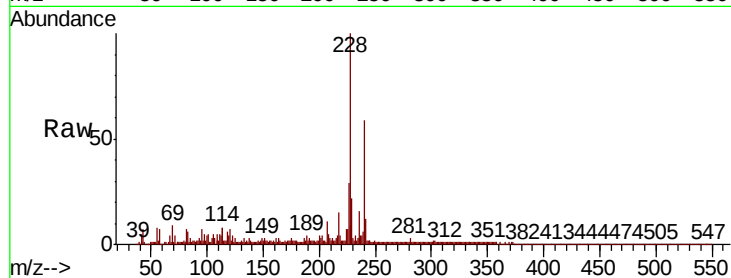
BNA_P

ClientSampleId :

A54A4

Tot Ion:228 Resp: 877695

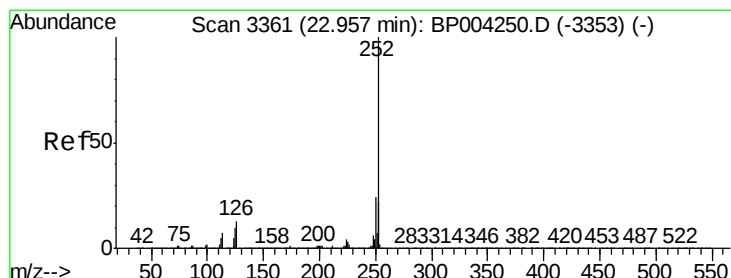
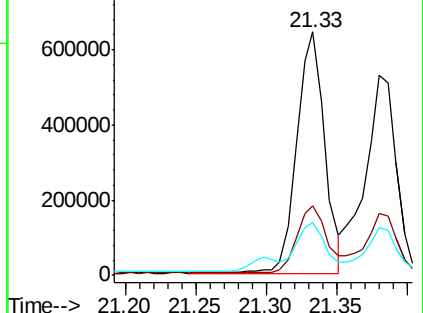
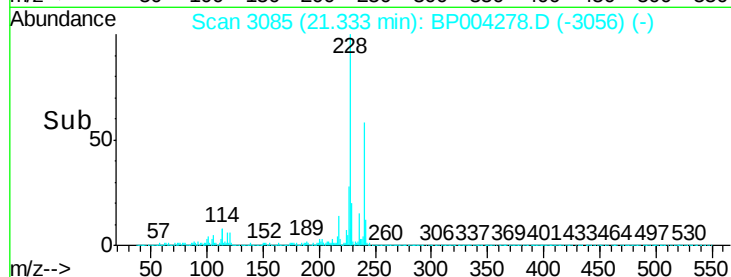
Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.2	36.2
229	21.8	15.8	23.8



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: 9.532 ng/ul

RT: 23.00 min Scan# 3368

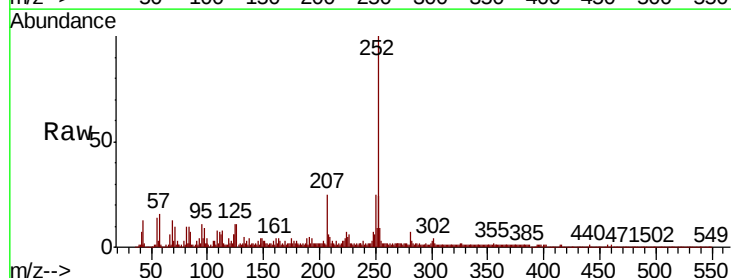
Delta R.T. 0.04 min

Lab File: BP004278.D

Acq: 14 Dec 2020 17:28

Tgt Ion:252 Resp: 1213561

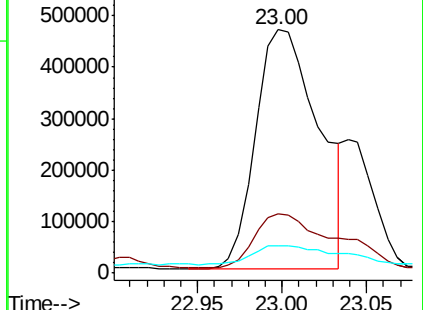
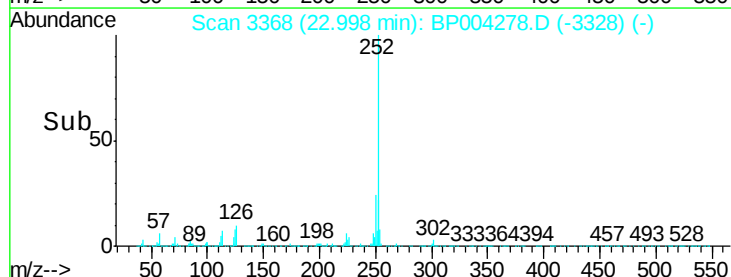
Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	11.4	7.7	11.5

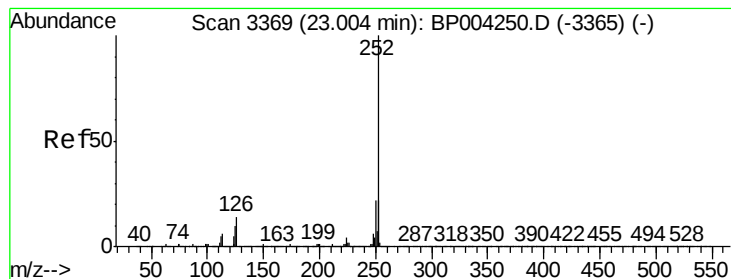


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 9.281 ng/ul

RT: 23.00 min Scan# 3368

Delta R.T. -0.01 min

Lab File: BP004278.D

Acq: 14 Dec 2020 17:28

Instrument :

BNA_P

ClientSampleId :

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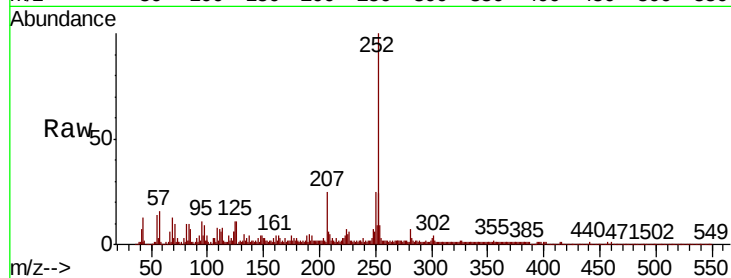
Tot Ion:252 Resp: 1213561

Ion Ratio Lower Upper

252 100

253 24.3 17.4 26.2

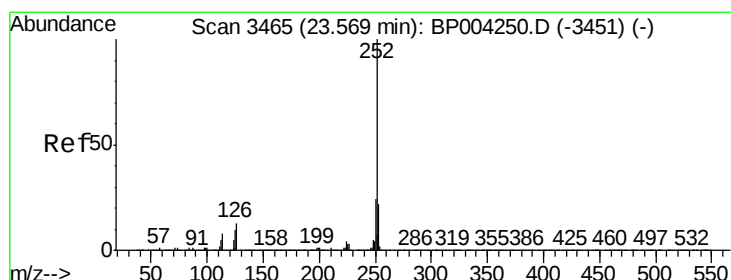
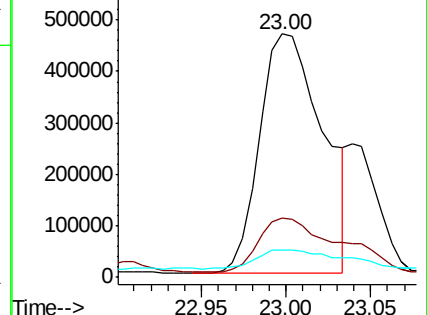
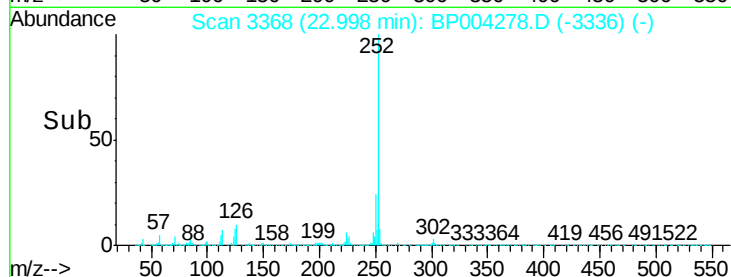
125 11.4 7.3 10.9#



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: 7.922 ng/ul

RT: 23.62 min Scan# 3473

Delta R.T. 0.04 min

Lab File: BP004278.D

Acq: 14 Dec 2020 17:28

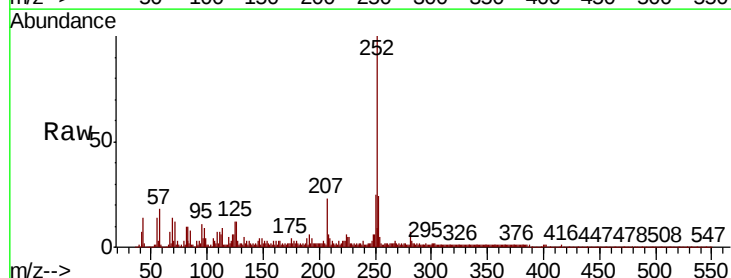
Tgt Ion:252 Resp: 941221

Ion Ratio Lower Upper

252 100

253 23.6 17.3 25.9

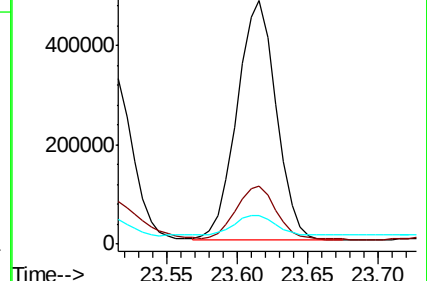
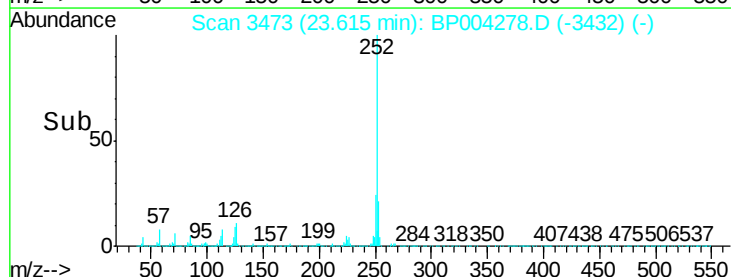
125 11.9 7.8 11.6#

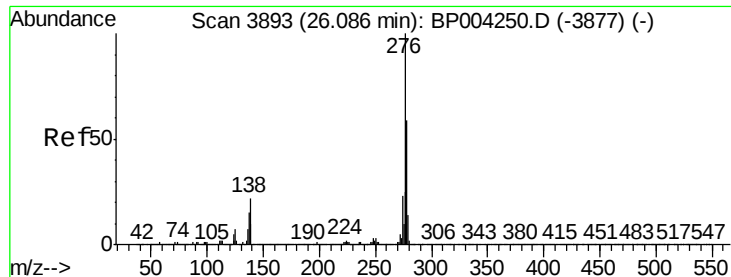


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



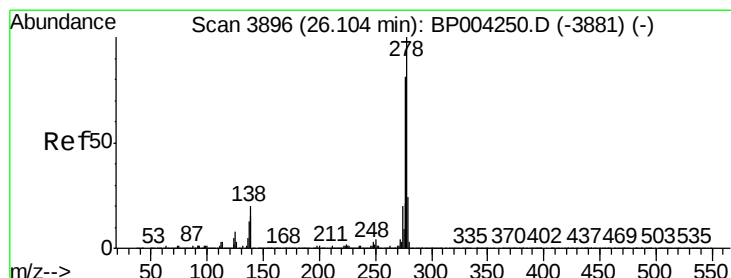
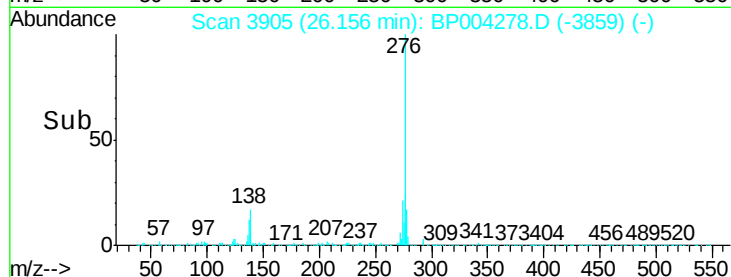
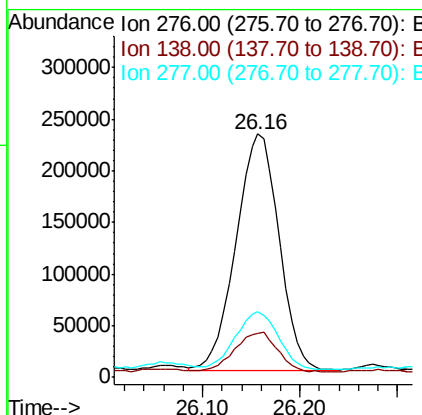
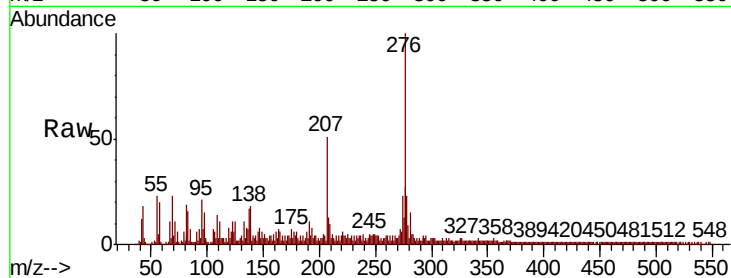


#92

Indeno(1,2,3-cd)pyrene
Concen: 4.704 ng/ul
RT: 26.16 min Scan# 3905
Delta R.T. 0.07 min
Lab File: BP004278.D
Acq: 14 Dec 2020 17:28

Instrument :
BNA_P
ClientSampleId :
A54A4

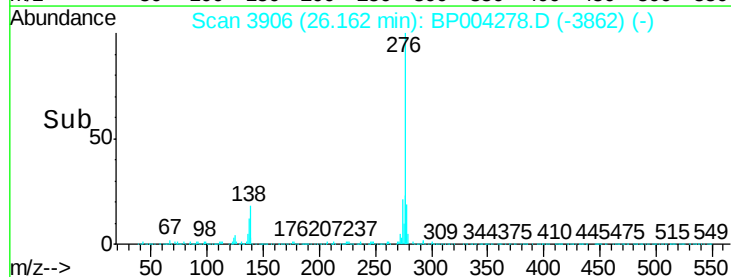
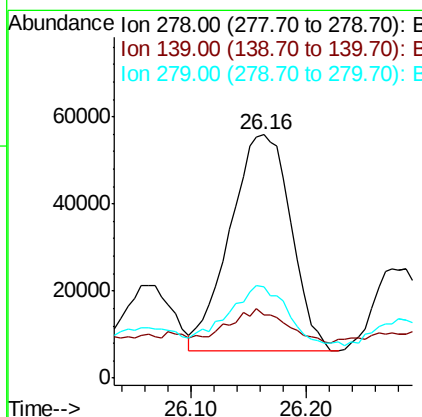
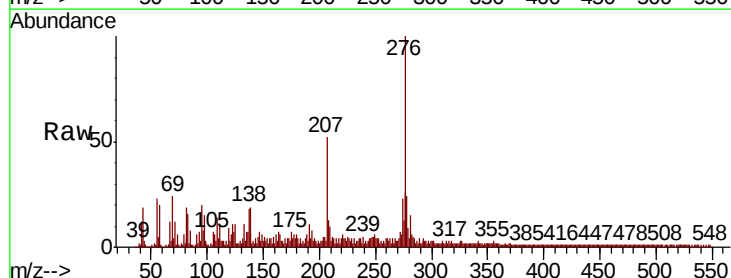
Tot Ion	Ratio	Lower	Upper
276	100		
138	18.2	17.8	26.6
277	26.9	19.8	29.6

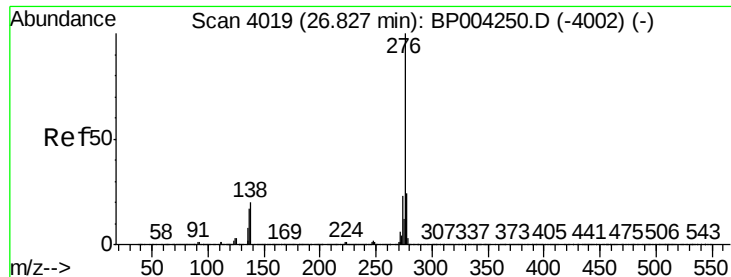


#93

Dibenzo(a,h)anthracene
Concen: 1.456 ng/ul
RT: 26.16 min Scan# 3906
Delta R.T. 0.06 min
Lab File: BP004278.D
Acq: 14 Dec 2020 17:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.2	11.9	17.9#
279	37.6	18.6	28.0#





#94

Benzo(a,h,i)perylene

Concen: 4.935 ng/ul

RT: 26.90 min Scan# 4032

Delta R.T. 0.08 min

Lab File: BP004278.D

Acq: 14 Dec 2020 17:28

Instrument :

BNA_P

ClientSampleId :

A54A4

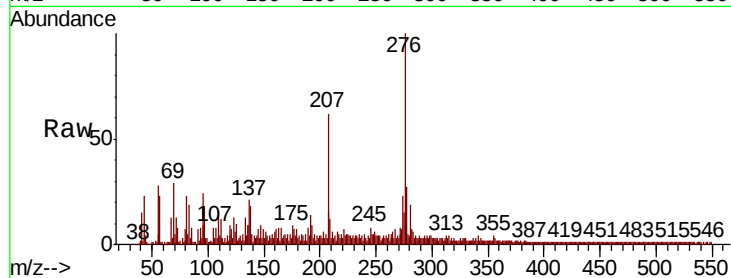
Tot Ion:276 Resp: 616917

Ion Ratio Lower Upper

276 100

138 17.9 16.6 25.0

277 26.9 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

