

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
 Data File : BP000223.D
 Acq On : 12 Sep 2019 18:56
 Operator : HP/JU
 Sample : K4633-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D06

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:09:26 AM

Quant Time: Sep 13 05:38:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	345138	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1301002	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	678692	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.46	188	1235175	20.00	ng/ul	0.01
78) Chrysene-d12	14.20	240	737385	20.00	ng/ul	0.06
86) Perylene-d12	15.83	264	984176m	20.00	ng/ul	0.14

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.62	96	33868	3.48	ng/uL	0.01
5) Phenol-d5	6.52	99	616823	20.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	317005	20.62	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	532440	22.40	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	472155	21.38	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	248544	25.16	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	262072	27.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	458170	22.45	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	242867	9.62	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1250275	24.95	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1487317	24.02	ng/ul	0.00
52) 4-Nitrophenol-d4	10.04	143	131632	14.70	ng/ul	0.00
58) Fluorene-d10	10.48	176	981811	23.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.55	200	97180	17.12	ng/ul	0.02
71) Anthracene-d10	11.52	188	1324388	22.14	ng/ul	0.01
79) Pyrene-d10	12.93	212	1195140	27.25	ng/ul	0.03
90) Benzo(a)pyrene-d12	15.73	264	952531	18.67	ng/ul	0.15

Target Compounds

					Ovalue	
6) Phenol	6.53	94	112577	3.674	ng/ul	97
28) Naphthalene	8.20	128	226301	3.193	ng/ul	100
34) 2-Methylnaphthalene	8.90	142	86315	1.783	ng/ul	99
45) Dimethylphthalate	9.66	163	530056	10.481	ng/ul	98
50) Acenaphthene	9.98	153	521521	11.632	ng/ul	95
54) Dibenzofuran	10.16	168	255173	4.148	ng/ul	98
59) Fluorene	10.50	166	268836	5.650	ng/ul	97
70) Phenanthrene	11.49	178	5953443	81.504	ng/ul	93
72) Anthracene	11.54	178	1260120	17.532	ng/ul	98
75) Carbazole	11.69	167	1245641	20.269	ng/ul	98
77) Fluoranthene	12.72	202	10879493	147.670	ng/ul	97
80) Pyrene	12.96	202	9736694	175.018	ng/ul#	90
83) Benzo(a)anthracene	14.19	228	7822608	146.553	ng/ul#	94
85) Chrysene	14.24	228	6394278	130.547	ng/ul#	93
88) Benzo(b)fluoranthene	15.36	252	5234524	80.248	ng/ul	98
89) Benzo(k)fluoranthene	15.37	252	9528491m	154.966	ng/ul	
91) Benzo(a)pyrene	15.79	252	4584654m	74.912	ng/ul	
92) Indeno(1,2,3-cd)pyrene	17.53	276	5135394m	72.938	ng/ul	
93) Dibenzo(a,h)anthracene	17.50	278	1834444m	31.456	ng/ul	
94) Benzo(g,h,i)perylene	18.01	276	4507725m	76.788	ng/ul	

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

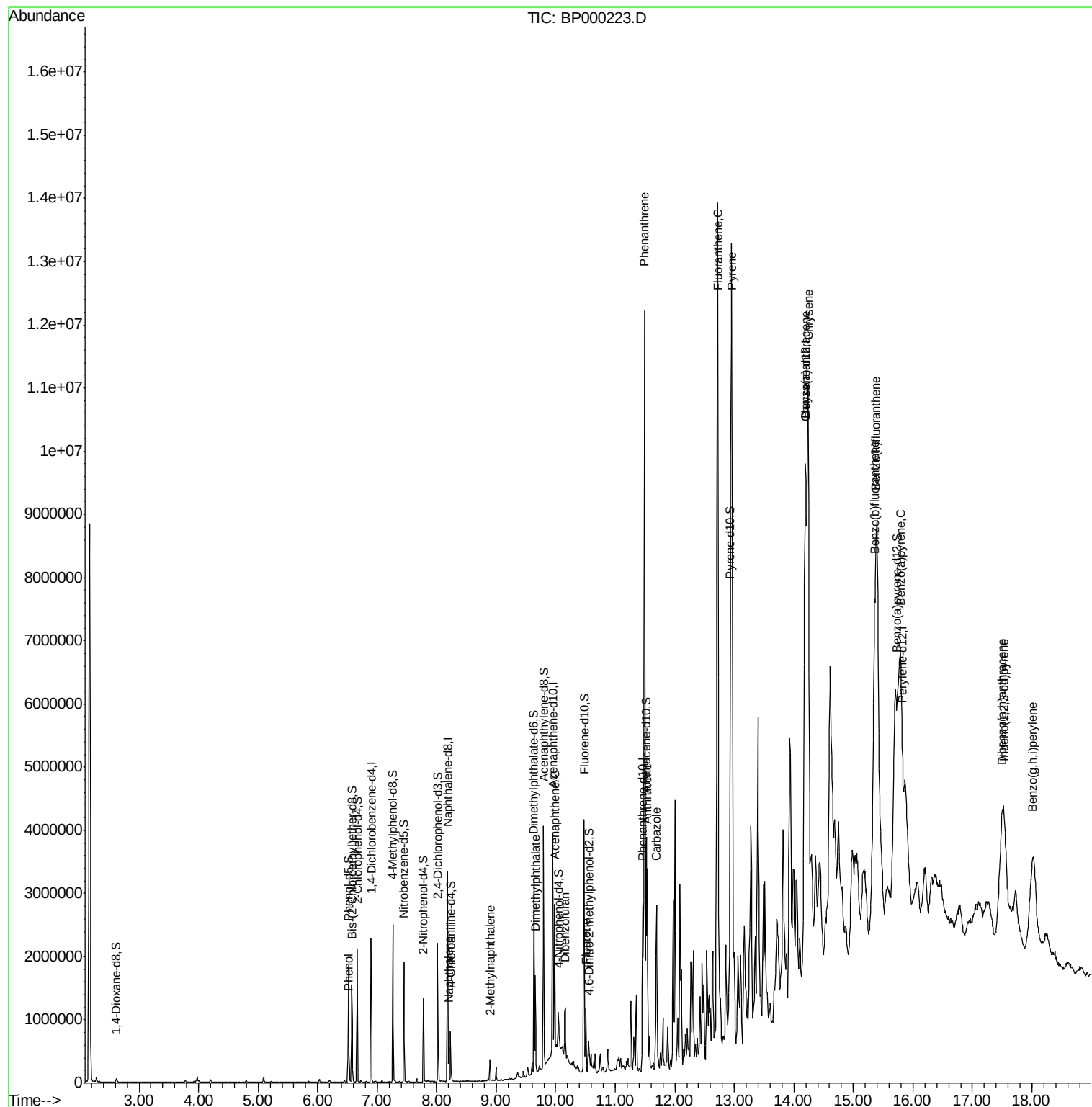
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000223.D
Acq On : 12 Sep 2019 18:56
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Misc :
ALS Vial : 16 Sample Multiplier: 1

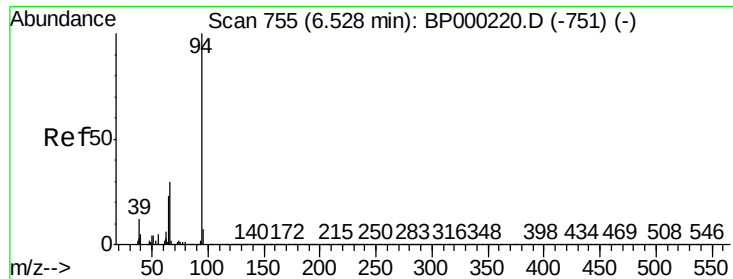
Instrument :
BNA_P
ClientSampled :
F2D06

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9/16/2019 9:09:26 AM

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration





#6

Phenol

Concen: 3.674 ng/ul

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BP000223.D

Acq: 12 Sep 2019 18:56

Instrument :

BNA_P

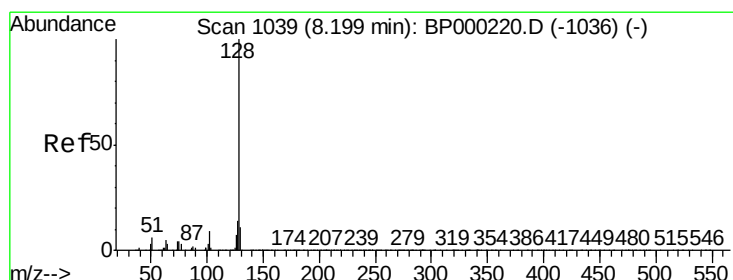
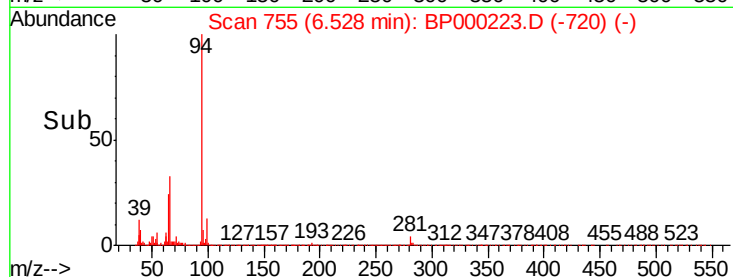
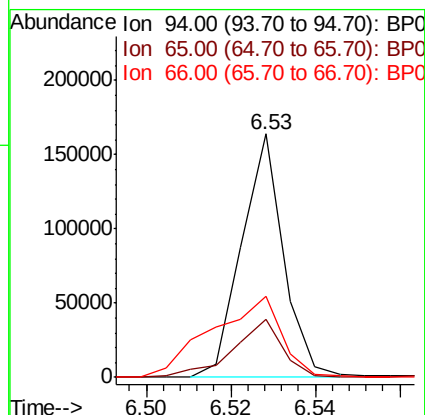
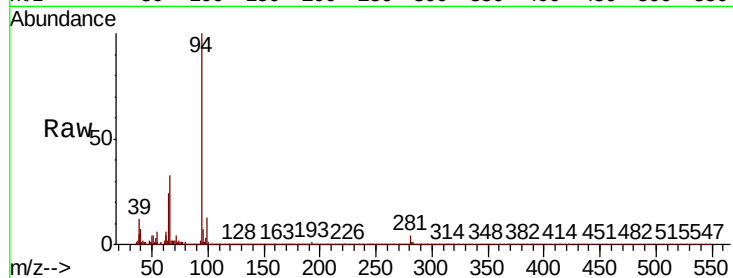
ClientSampleId :

F2D06

Tot Ion:	94	Resp:	112577
Ion Ratio	Lower	Upper	
94	100		
65	23.8	18.8	28.2
66	33.3	24.2	36.2

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#28

Naphthalene

Concen: 3.193 ng/ul

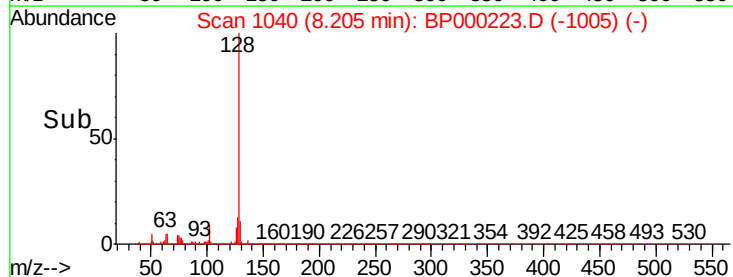
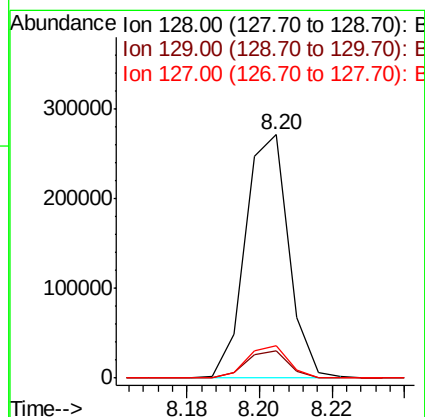
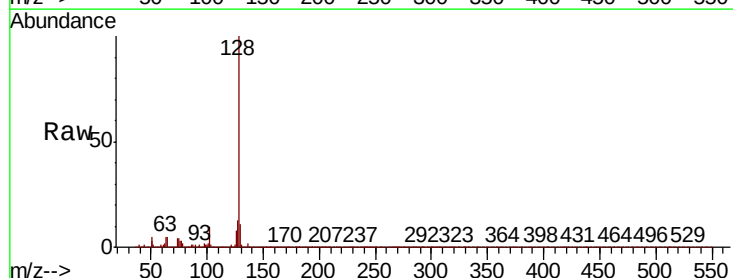
RT: 8.20 min Scan# 1040

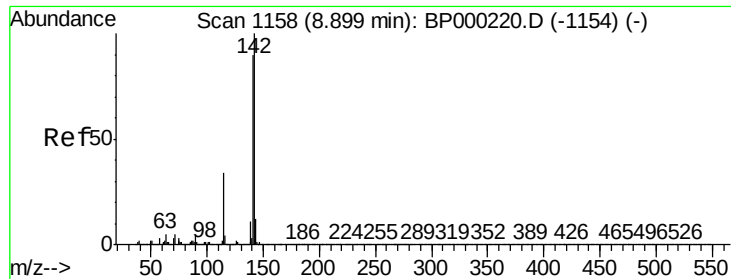
Delta R.T. 0.01 min

Lab File: BP000223.D

Acq: 12 Sep 2019 18:56

Tgt Ion:	128	Resp:	226301
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.1	13.7
127	13.4	10.7	16.1





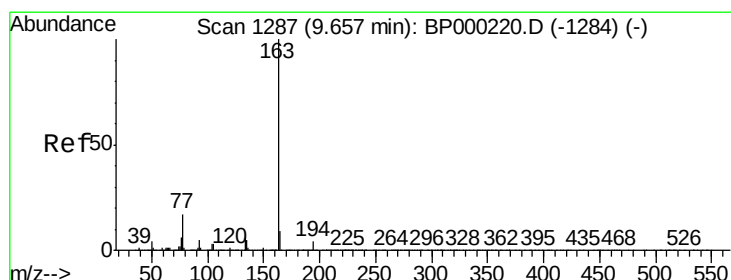
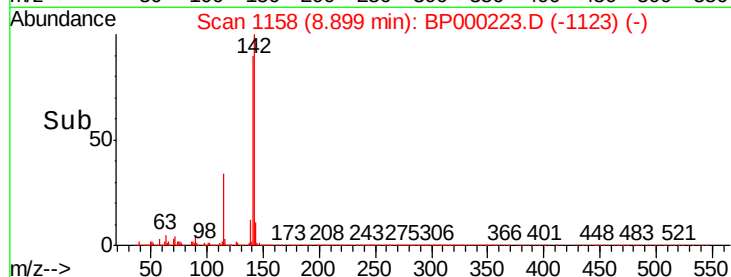
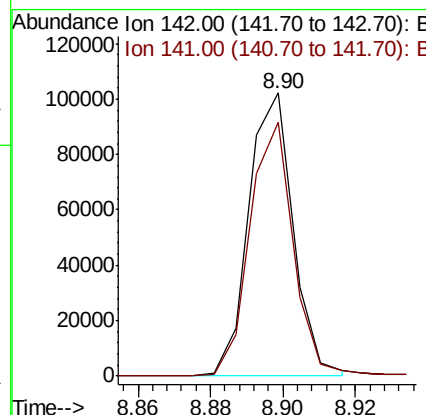
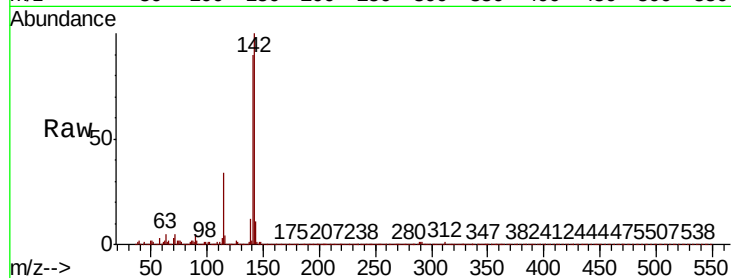
#34
2-Methylnaphthalene
Concen: 1.783 ng/ul
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BP000223.D
Acq: 12 Sep 2019 18:56

Instrument :
BNA_P
ClientSampled :
F2D06

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.4	107.0

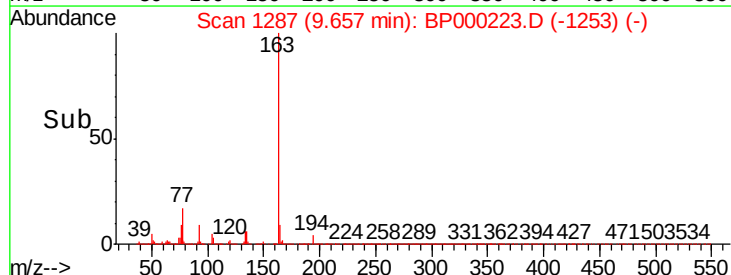
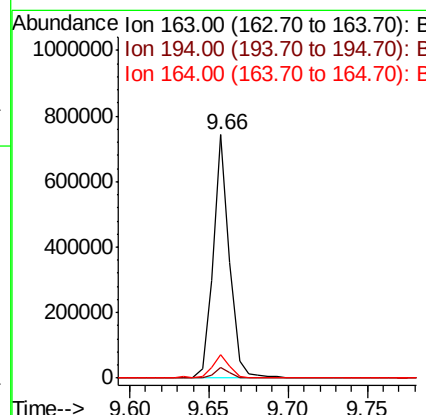
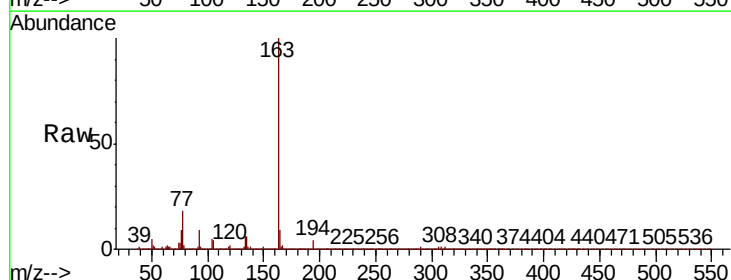
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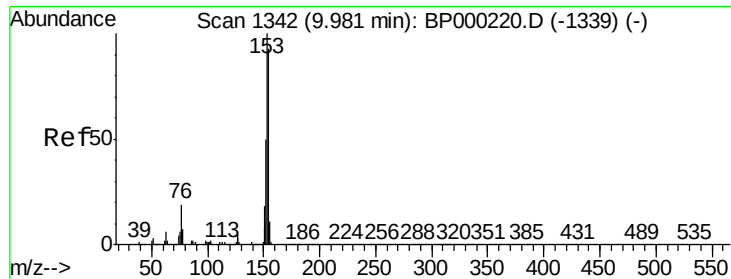
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#45
Dimethylphthalate
Concen: 10.481 ng/ul
RT: 9.66 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BP000223.D
Acq: 12 Sep 2019 18:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.5	8.4	12.6





#50

Acenaphthene

Concen: 11.632 ng/ul

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BP000223.D

Acq: 12 Sep 2019 18:56

Instrument :

BNA_P

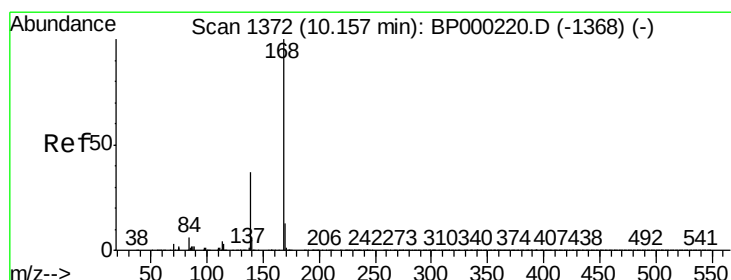
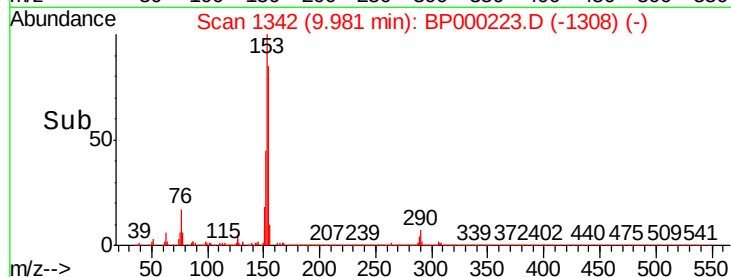
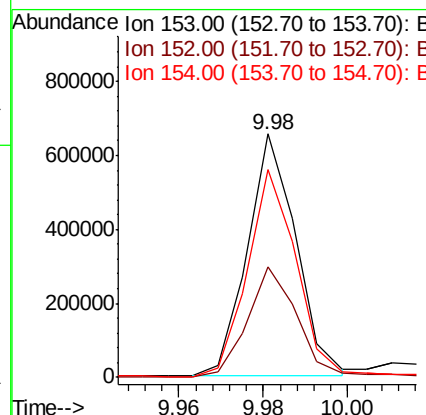
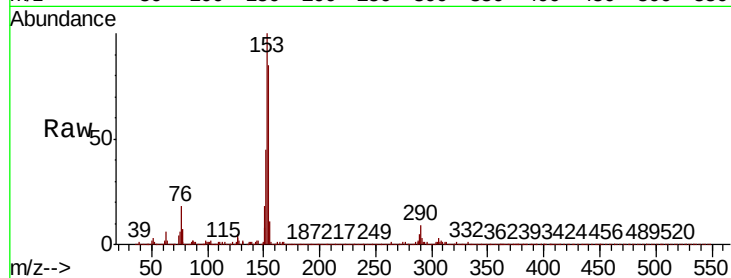
ClientSampleId :

F2D06

Tot Ion:	153	Resp:	521521
Ion Ratio	Lower	Upper	
153	100		
152	45.4	38.0	57.0
154	85.4	72.6	108.8

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#54

Dibenzofuran

Concen: 4.148 ng/ul

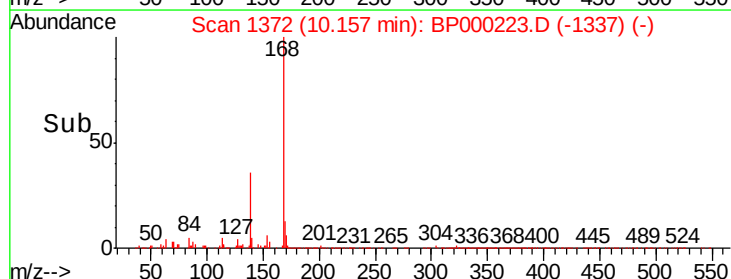
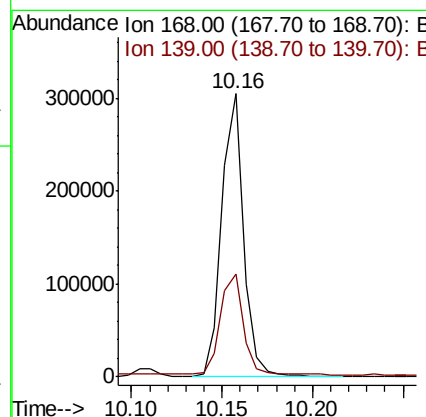
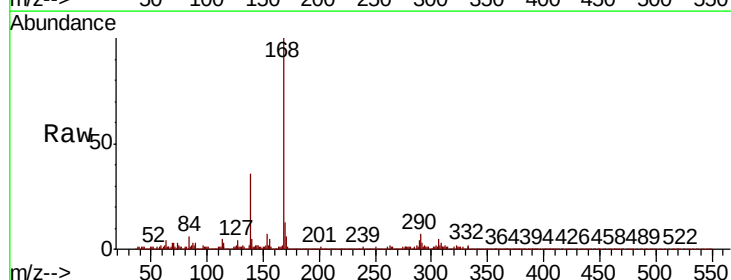
RT: 10.16 min Scan# 1372

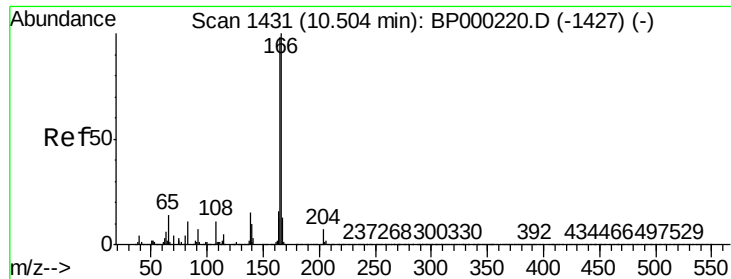
Delta R.T. 0.01 min

Lab File: BP000223.D

Acq: 12 Sep 2019 18:56

Tgt Ion:	168	Resp:	255173
Ion Ratio	Lower	Upper	
168	100		
139	36.4	30.0	45.0





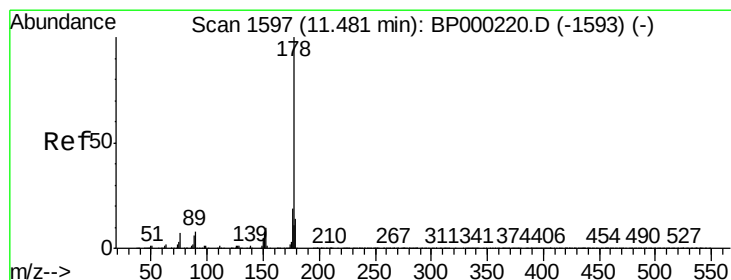
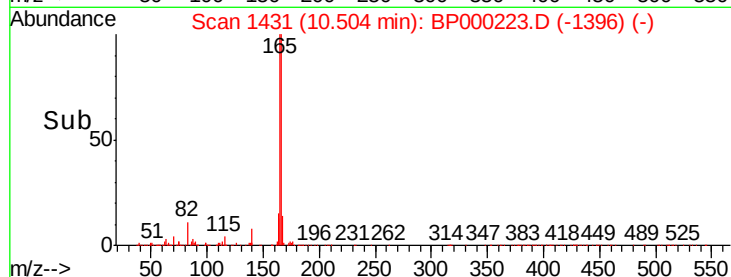
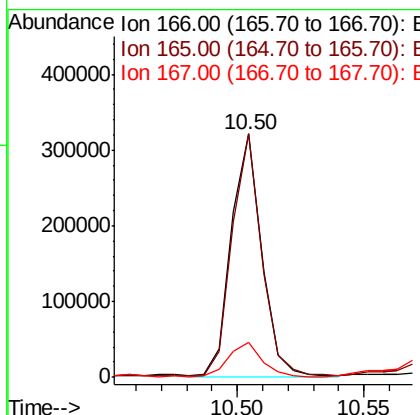
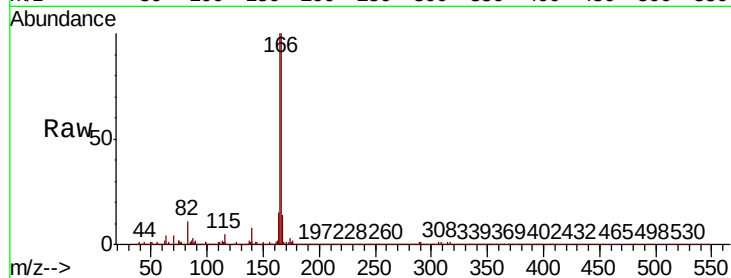
#59
Fluorene
Concen: 5.650 ng/ul
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BP000223.D
Acq: 12 Sep 2019 18:56

Instrument :
BNA_P
ClientSampleId :
F2D06

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		268836		
165	100.0		77.8	116.8	
167	14.1		10.9	16.3	

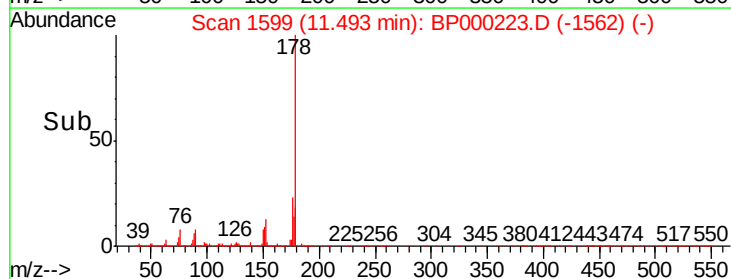
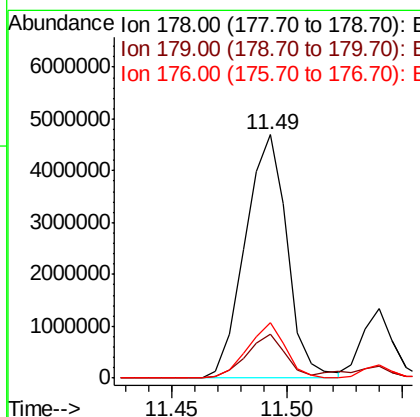
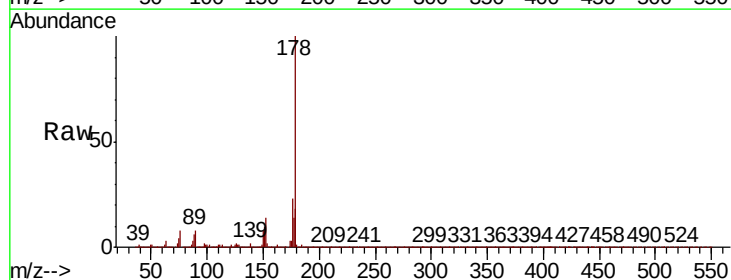
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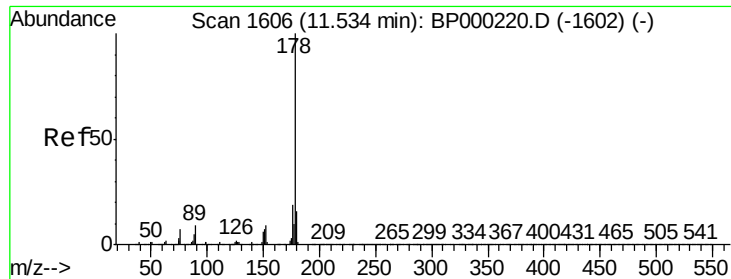
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#70
Phenanthrene
Concen: 81.504 ng/ul
RT: 11.49 min Scan# 1599
Delta R.T. 0.02 min
Lab File: BP000223.D
Acq: 12 Sep 2019 18:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		5953443		
179	18.1		12.5	18.7	
176	22.9		15.7	23.5	





#72

Anthracene

Concen: 17.532 ng/ul

RT: 11.54 min Scan# 1607

Delta R.T. 0.01 min

Lab File: BP000223.D

Acq: 12 Sep 2019 18:56

Instrument :

BNA_P

ClientSampleId :

F2D06

Tot Ion:178 Resp: 1260120

Ion Ratio Lower Upper

178 100

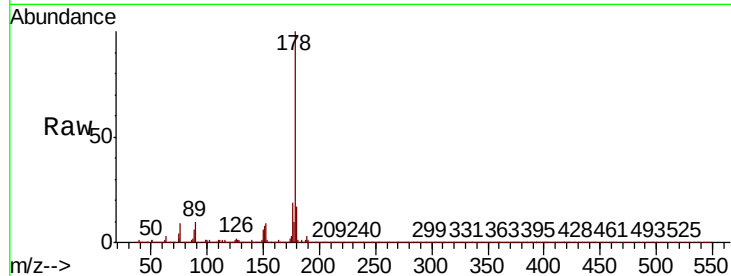
179 16.7 12.3 18.5

176 19.3 15.1 22.7

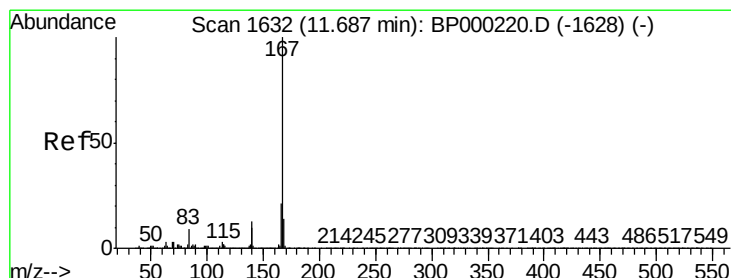
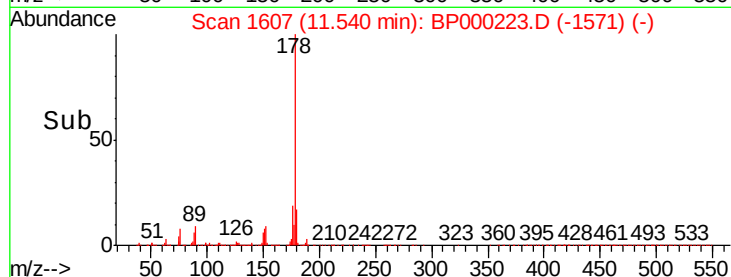
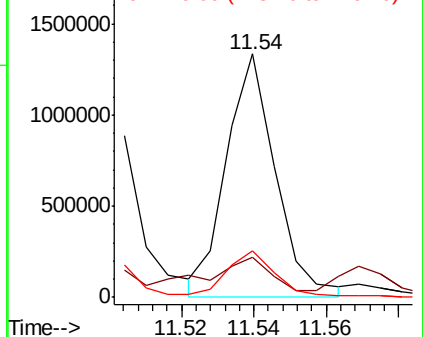
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 20.269 ng/ul

RT: 11.69 min Scan# 1633

Delta R.T. 0.01 min

Lab File: BP000223.D

Acq: 12 Sep 2019 18:56

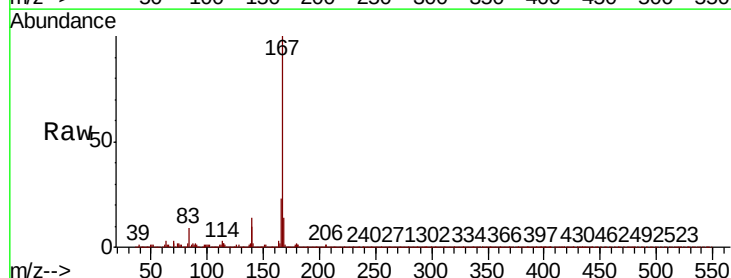
Tgt Ion:167 Resp: 1245641

Ion Ratio Lower Upper

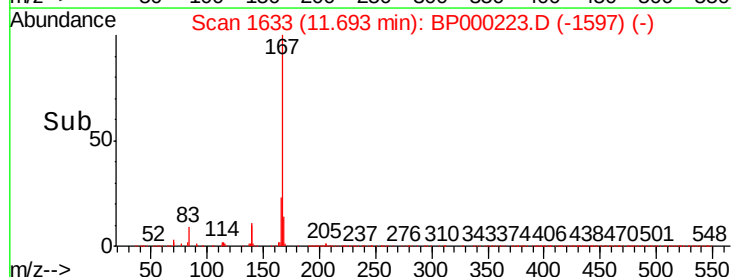
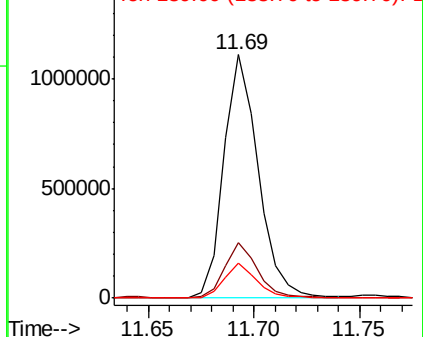
167 100

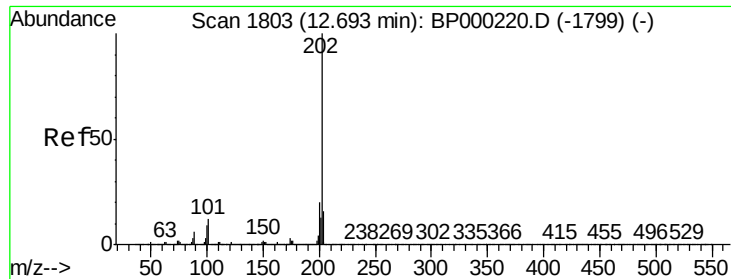
166 22.7 17.3 25.9

139 14.2 10.6 15.8



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





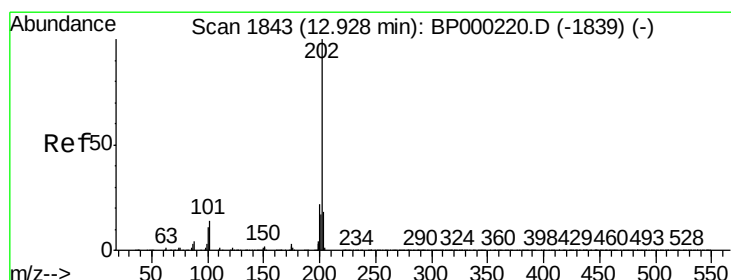
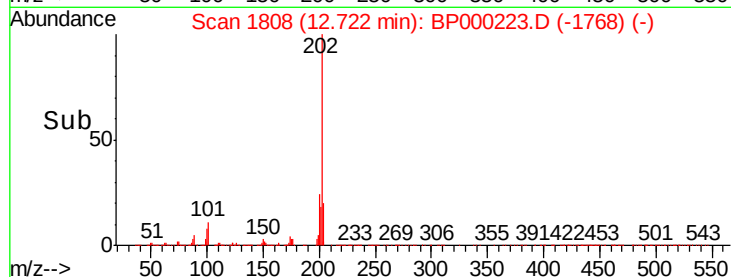
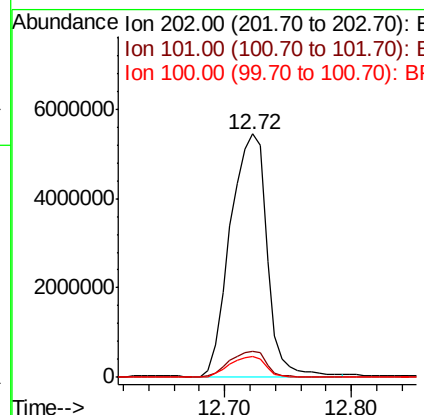
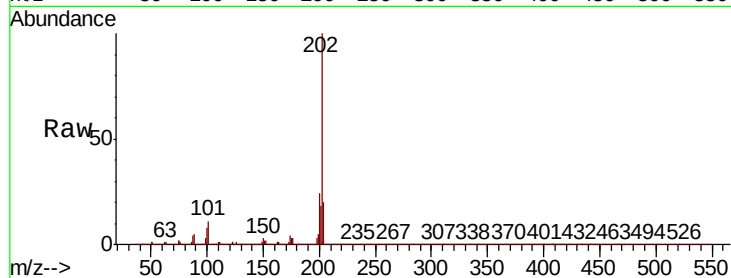
#77
 Fluoranthene
 Concen: 147.670 ng/ul
 RT: 12.72 min Scan# 1808
 Delta R.T. 0.04 min
 Lab File: BP000223.D
 Acq: 12 Sep 2019 18:56

Instrument :
 BNA_P
 ClientSampleId :
 F2D06

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	10.0	15.0
100	8.4	7.4	11.2

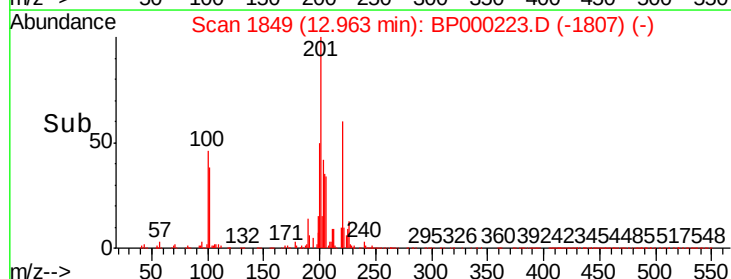
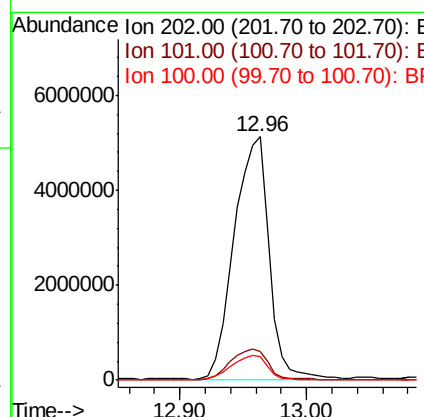
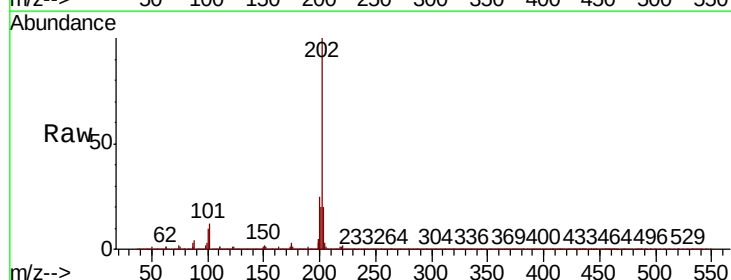
Manual Integrations
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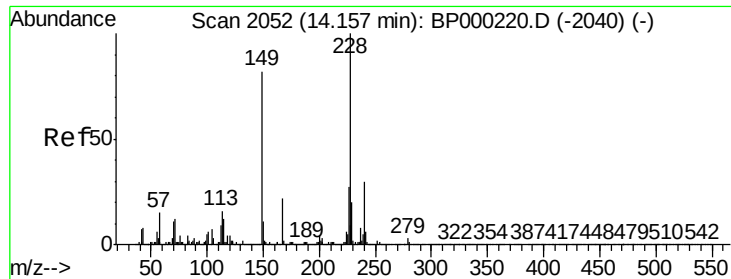
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#80
 Pyrene
 Concen: 175.018 ng/ul
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.05 min
 Lab File: BP000223.D
 Acq: 12 Sep 2019 18:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	13.4	20.0#
100	9.7	10.8	16.2#





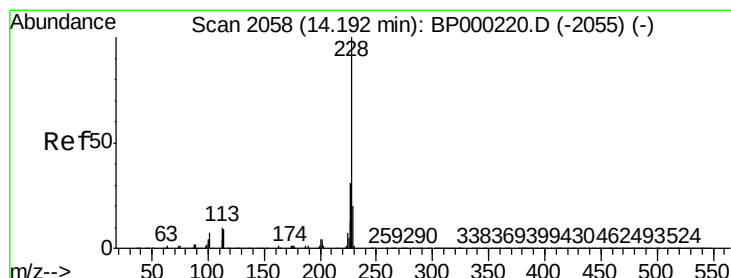
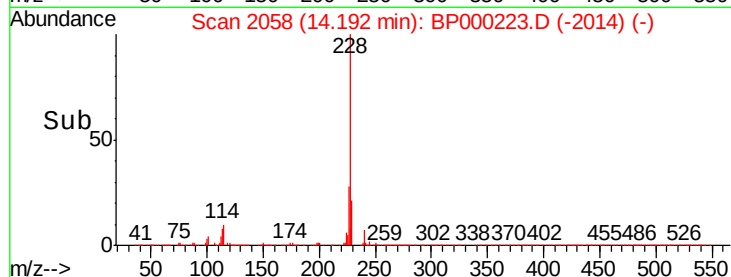
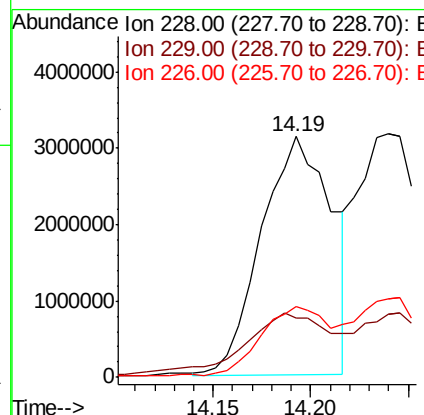
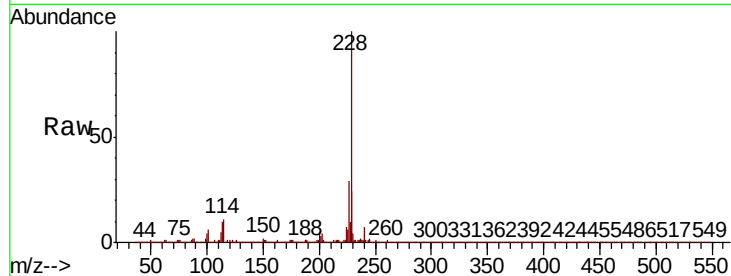
#83
Benzo(a)anthracene
Concen: 146.553 ng/ul
RT: 14.19 min Scan# 2058
Delta R.T. 0.06 min
Lab File: BP000223.D
Acq: 12 Sep 2019 18:56

Instrument :
BNA_P
ClientSampleId :
F2D06

Tot Ion:228 Resp: 7822608
Ion Ratio Lower Upper
228 100
229 24.4 15.9 23.9#
226 29.3 22.1 33.1

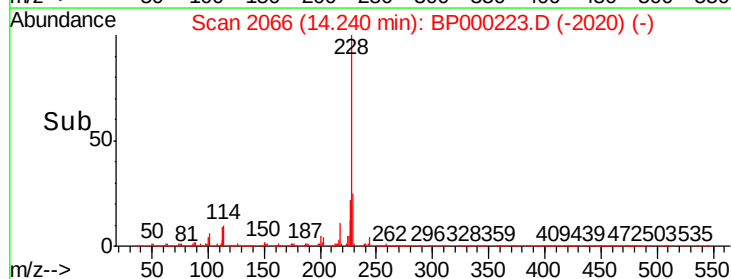
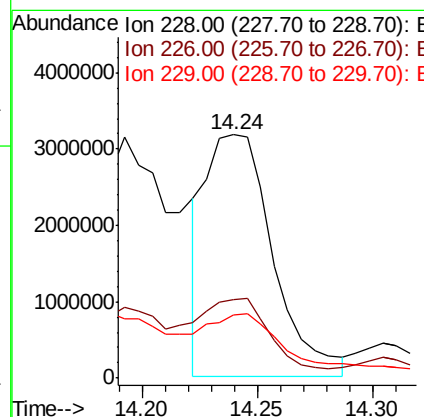
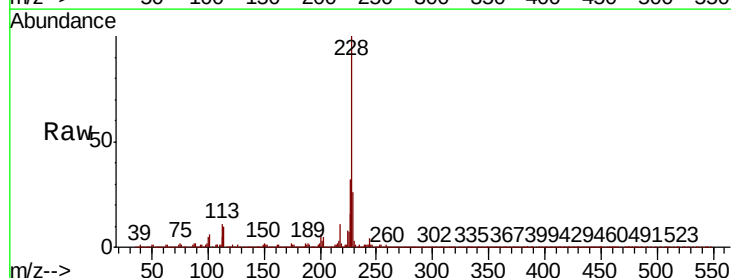
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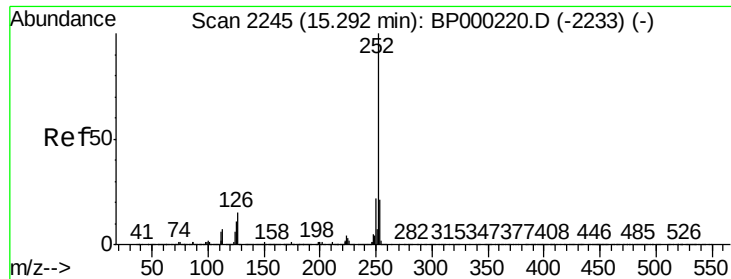
mohammad
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#85
Chrysene
Concen: 130.547 ng/ul
RT: 14.24 min Scan# 2066
Delta R.T. 0.07 min
Lab File: BP000223.D
Acq: 12 Sep 2019 18:56

Tgt Ion:228 Resp: 6394278
Ion Ratio Lower Upper
228 100
226 32.1 24.4 36.6
229 25.7 16.0 24.0#





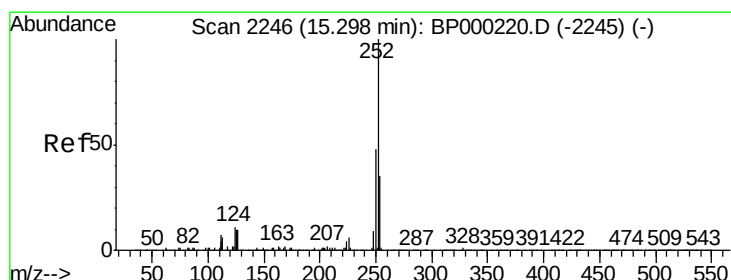
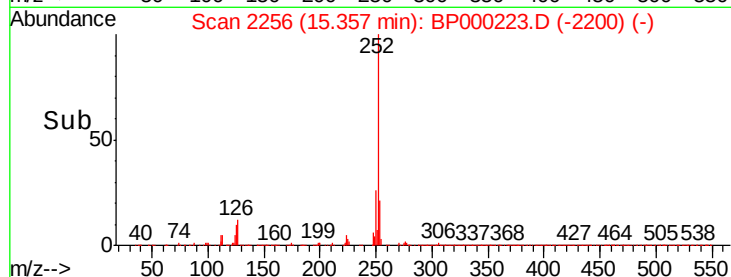
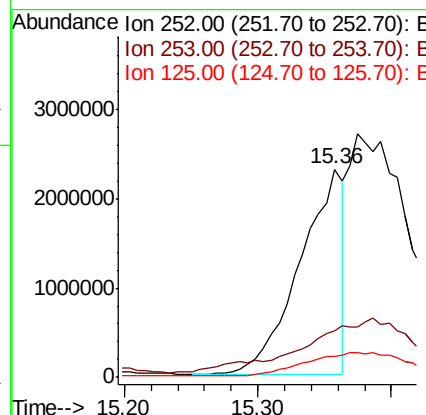
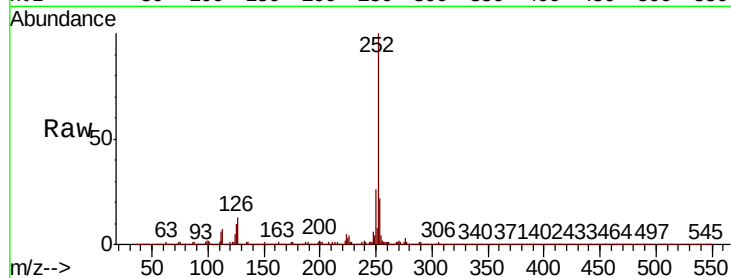
#88
Benzo(b)fluoranthene
Concen: 80.248 ng/ul
RT: 15.36 min Scan# 2256
Delta R.T. 0.13 min
Lab File: BP000223.D
Acq: 12 Sep 2019 18:56

Instrument :
BNA_P
ClientSampleId :
F2D06

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	10.2	9.9	14.9

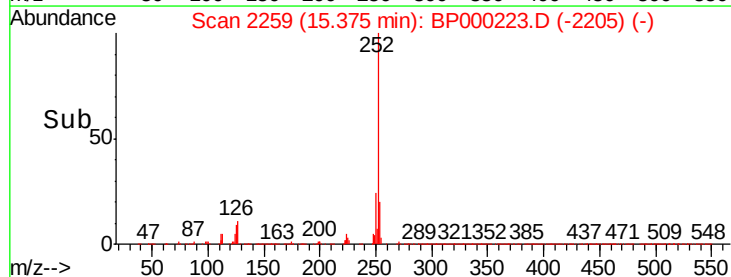
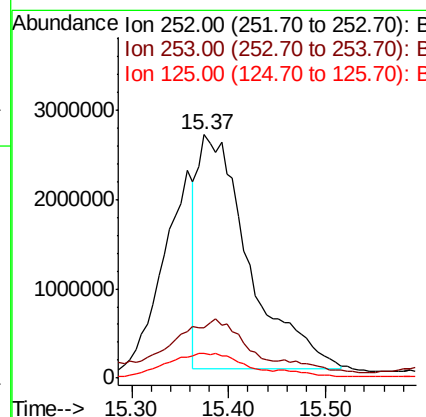
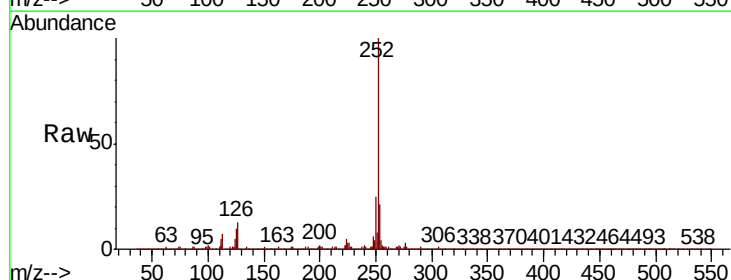
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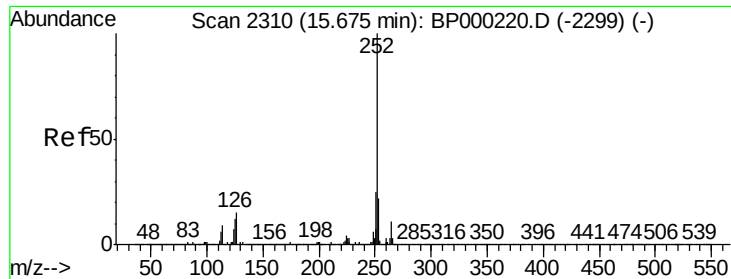
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#89
Benzo(k)fluoranthene
Concen: 154.966 ng/ul m
RT: 15.37 min Scan# 2259
Delta R.T. 0.12 min
Lab File: BP000223.D
Acq: 12 Sep 2019 18:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.0	27.0
125	9.9	10.2	15.2#





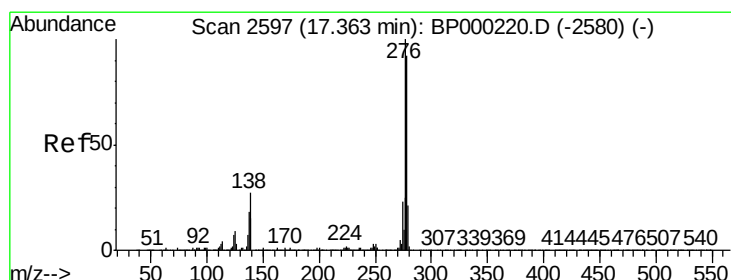
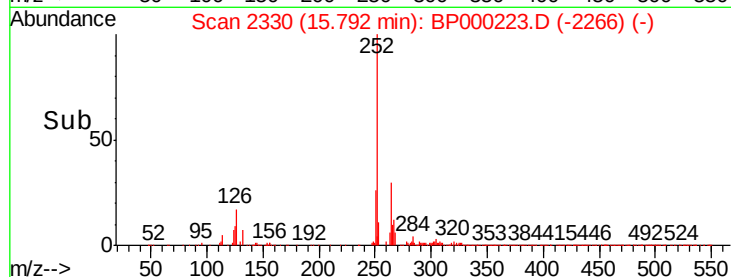
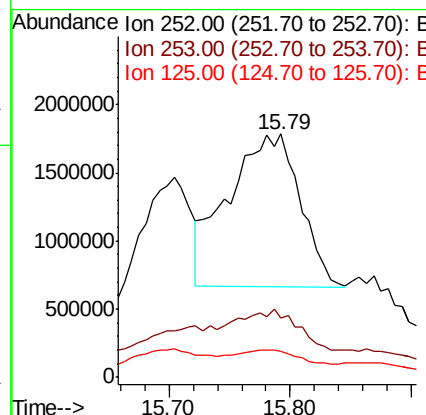
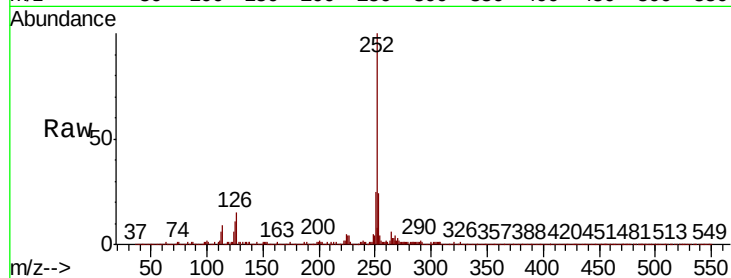
#91
Benzo(a)pyrene
Concen: 74.912 ng/ul m
RT: 15.79 min Scan# 2330
Delta R.T. 0.18 min
Lab File: BP000223.D
Acq: 12 Sep 2019 18:56

Instrument :
BNA_P
ClientSampleId :
F2D06

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.5	26.3
125	10.5	10.2	15.2

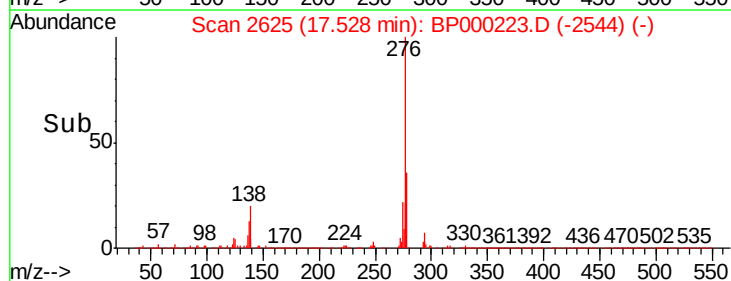
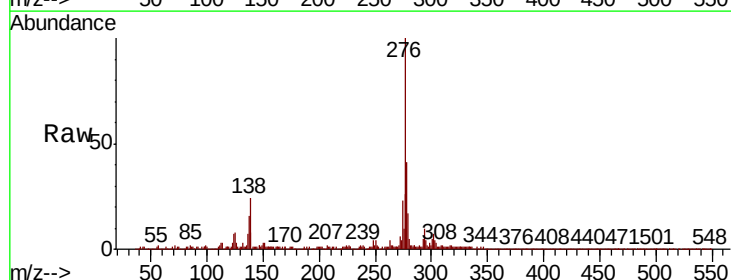
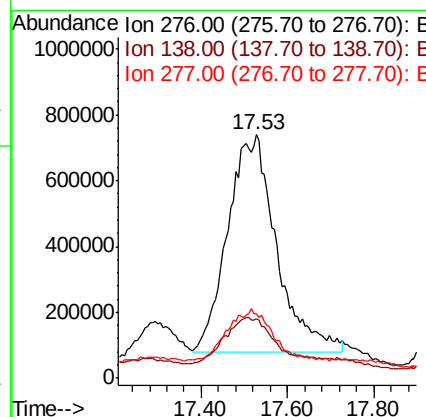
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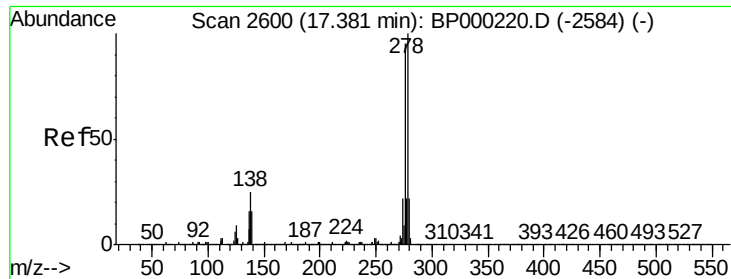
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#92
Indeno(1,2,3-cd)pyrene
Concen: 72.938 ng/ul m
RT: 17.53 min Scan# 2625
Delta R.T. 0.28 min
Lab File: BP000223.D
Acq: 12 Sep 2019 18:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	20.0	30.0
277	26.3	19.4	29.0





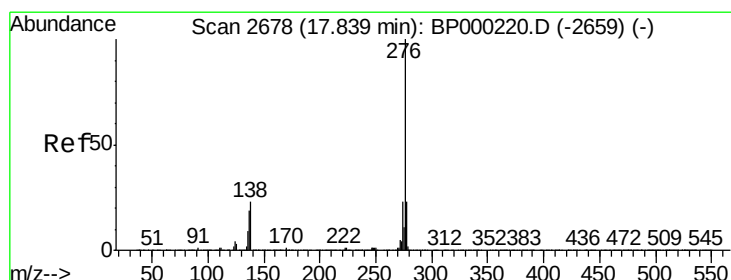
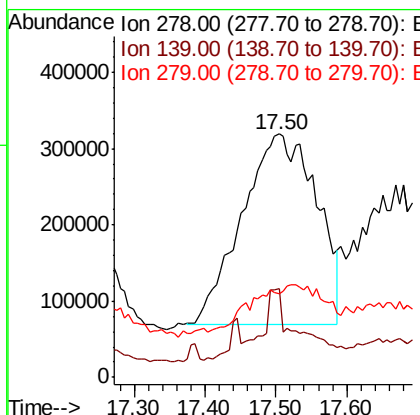
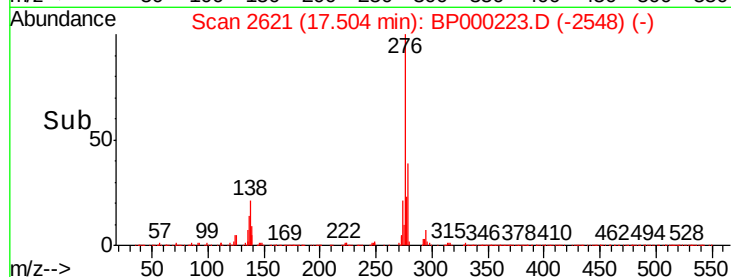
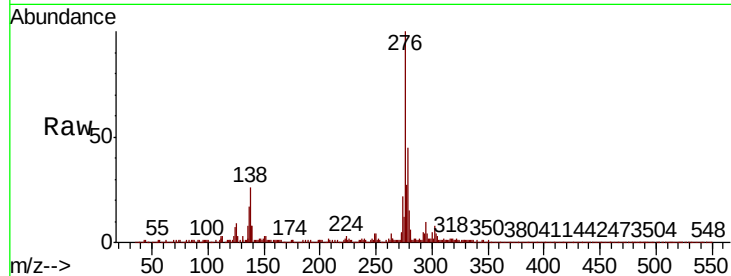
#93
Dibenzo(a,h)anthracene
Concen: 31.456 ng/ul m
RT: 17.50 min Scan# 2621
Delta R.T. 0.23 min
Lab File: BP000223.D
Acq: 12 Sep 2019 18:56

Instrument :
BNA_P
ClientSampleId :
F2D06

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	15.1	22.7
279	34.5	19.2	28.8

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 76.788 ng/ul m
RT: 18.01 min Scan# 2707
Delta R.T. 0.29 min
Lab File: BP000223.D
Acq: 12 Sep 2019 18:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	20.0	30.0
277	25.4	19.1	28.7

