

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
 Data File : BP000221.D
 Acq On : 12 Sep 2019 18:07
 Operator : HP/JU
 Sample : K4634-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D39

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:09:23 AM

Quant Time: Sep 13 14:12:09 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	6.89	152	349834	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1317866	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	704153	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.46	188	1232082	20.00	ng/ul	0.00
78) Chrysene-d12	14.19	240	782049	20.00	ng/ul	0.04
86) Perylene-d12	15.79	264	1049557m	20.00	ng/ul	0.11

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.61	96	25709	2.61	ng/uL	0.00
5) Phenol-d5	6.51	99	479645	16.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	246092	15.79	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	408437	16.95	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	360868	16.12	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	189440	18.93	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	201121	20.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	357464	17.29	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	116122	4.54	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	954983	18.37	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1168685	18.19	ng/ul	0.00
52) 4-Nitrophenol-d4	10.04	143	104816	11.28	ng/ul	0.00
58) Fluorene-d10	10.48	176	780847	17.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.54	200	86931	15.35	ng/ul	0.01
71) Anthracene-d10	11.52	188	1094539	18.34	ng/ul	0.00
79) Pyrene-d10	12.92	212	992526	21.34	ng/ul	0.02
90) Benzo(a)pyrene-d12	15.70	264	778947	14.32	ng/ul	0.11

Target Compounds

					Ovalue
6) Phenol	6.52	94	80363	2.588	ng/ul 96
28) Naphthalene	8.20	128	144716	2.016	ng/ul 98
34) 2-Methylnaphthalene	8.89	142	54721	1.116	ng/ul 99
45) Dimethylphthalate	9.66	163	198781	3.789	ng/ul 99
50) Acenaphthene	9.98	153	717433	15.423	ng/ul 98
54) Dibenzofuran	10.15	168	119033	1.865	ng/ul 99
59) Fluorene	10.50	166	138309	2.802	ng/ul 96
70) Phenanthrene	11.49	178	3421098	46.953	ng/ul 100
72) Anthracene	11.53	178	775019	10.810	ng/ul 99
75) Carbazole	11.69	167	497432	8.115	ng/ul 97
77) Fluoranthene	12.71	202	5862006	79.766	ng/ul 97
80) Pyrene	12.95	202	6586232	111.627	ng/ul# 92
83) Benzo(a)anthracene	14.17	228	6110767m	107.945	ng/ul
85) Chrysene	14.22	228	5579753	107.411	ng/ul 96
88) Benzo(b)fluoranthene	15.34	252	4530949m	65.135	ng/ul
89) Benzo(k)fluoranthene	15.35	252	4278500m	65.249	ng/ul
91) Benzo(a)pyrene	15.75	252	4752631m	72.819	ng/ul
92) Indeno(1,2,3-cd)pyrene	17.48	276	3963638m	52.789	ng/ul
93) Dibenzo(a,h)anthracene	17.46	278	1494036m	24.023	ng/ul
94) Benzo(g,h,i)perylene	17.97	276	4780086m	76.355	ng/ul

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

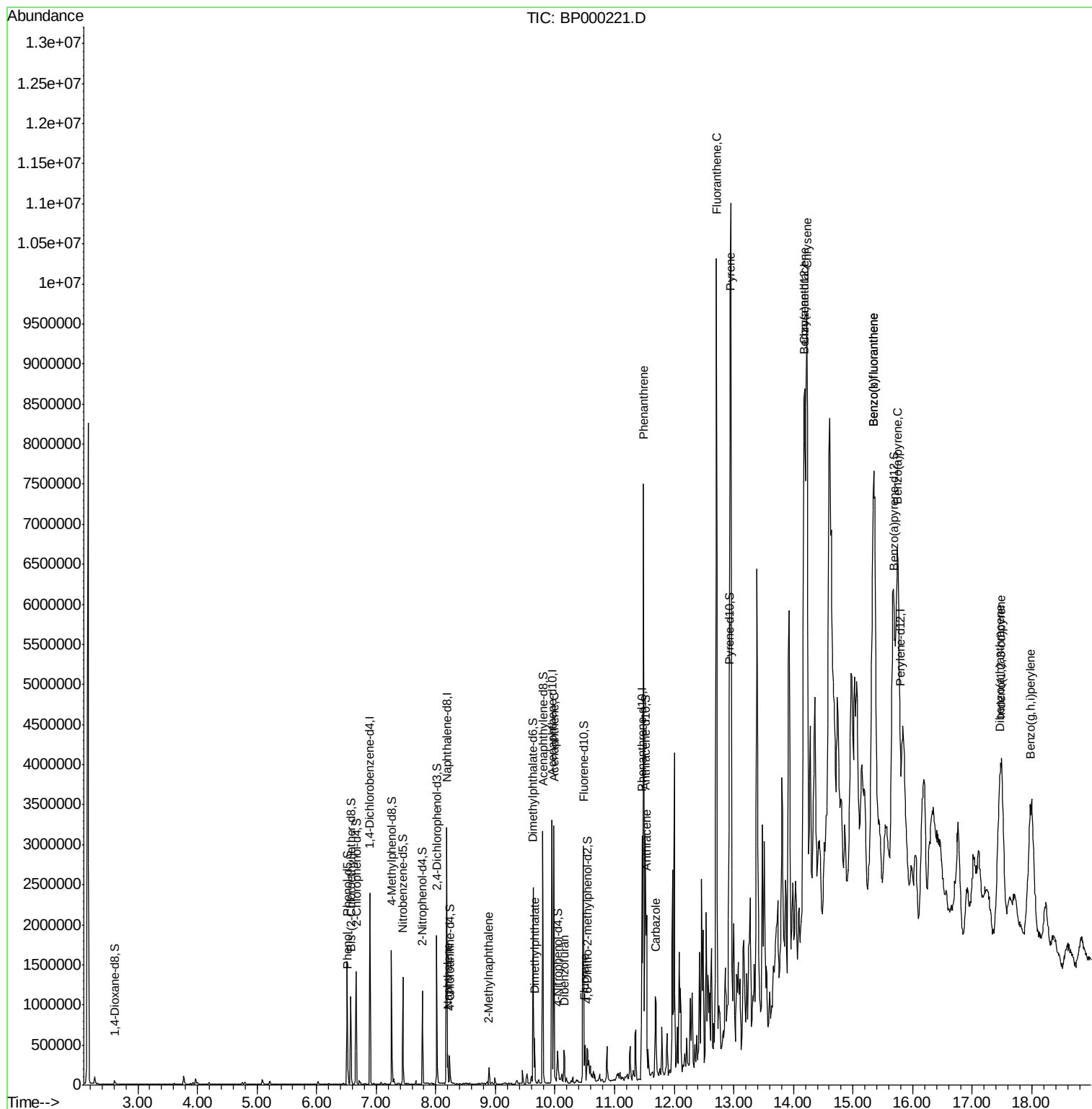
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000221.D
Acq On : 12 Sep 2019 18:07
Operator : HP/JU
Sample : K4634-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

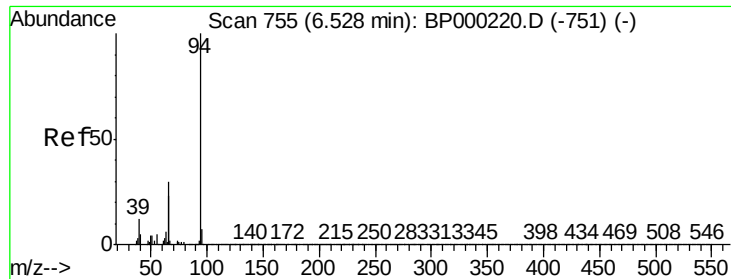
Instrument :
BNA_P
ClientSampled :
F2D39

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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

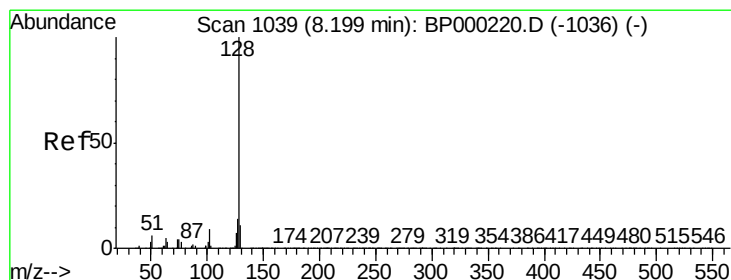
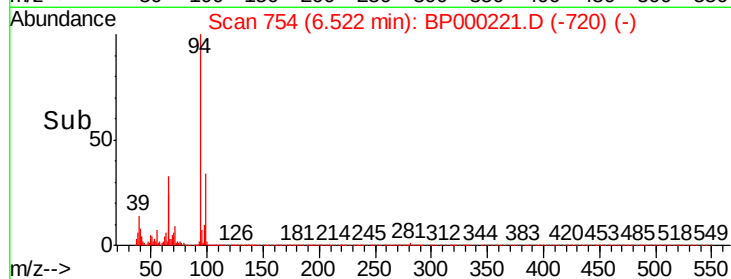
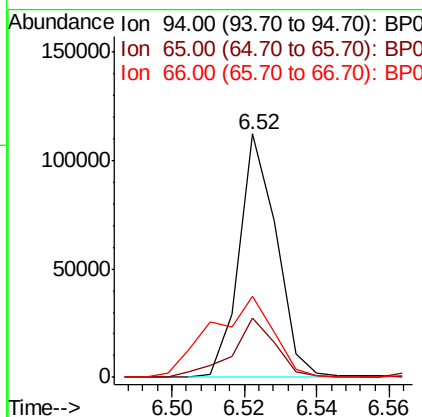
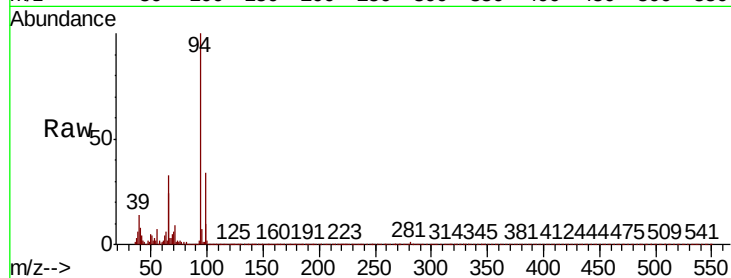
Concen: 2.588 ng/ul
 RT: 6.52 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BP000221.D
 Acq: 12 Sep 2019 18:07

Instrument :
 BNA_P
 ClientSampleId :
 F2D39

Tot Ion:	94	Resp:	80363
Ion Ratio	Lower	Upper	
94	100		
65	24.4	18.8	28.2
66	33.3	24.2	36.2

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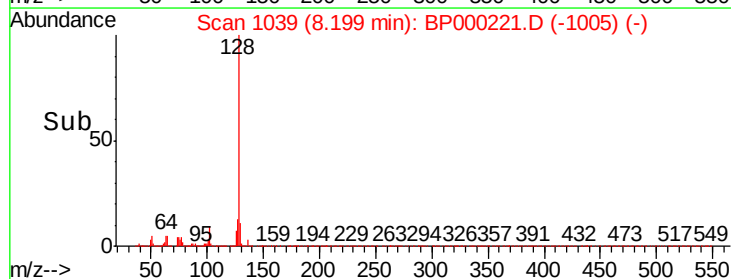
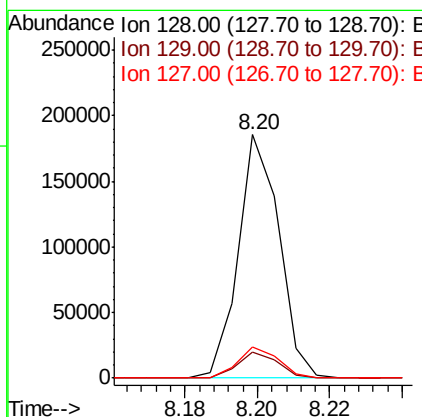
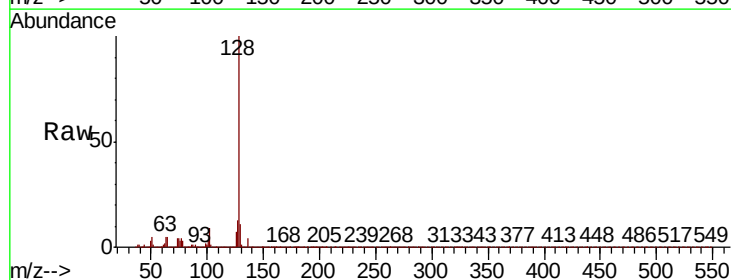


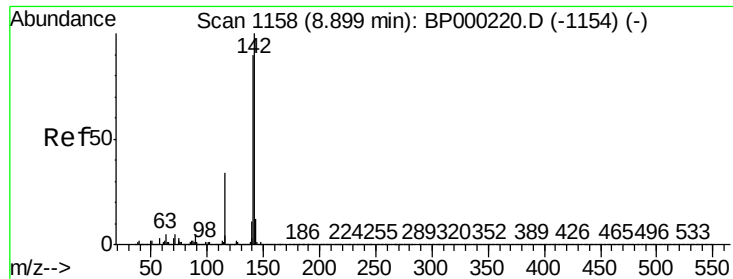
#28

Naphthalene

Concen: 2.016 ng/ul
 RT: 8.20 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BP000221.D
 Acq: 12 Sep 2019 18:07

Tgt Ion:	128	Resp:	144716
Ion Ratio	Lower	Upper	
128	100		
129	10.7	9.1	13.7
127	12.8	10.7	16.1





#34

2-Methylnaphthalene

Concen: 1.116 ng/ul

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BP000221.D

Acq: 12 Sep 2019 18:07

Instrument :

BNA_P

ClientSampleId :

F2D39

Tot Ion:142 Resp: 54721

Ion Ratio Lower Upper

142 100

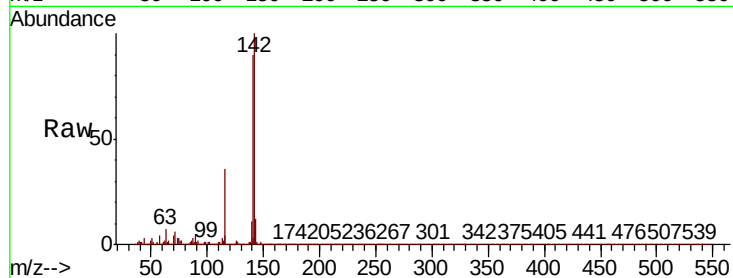
141 90.5 71.4 107.0

Manual Integrations

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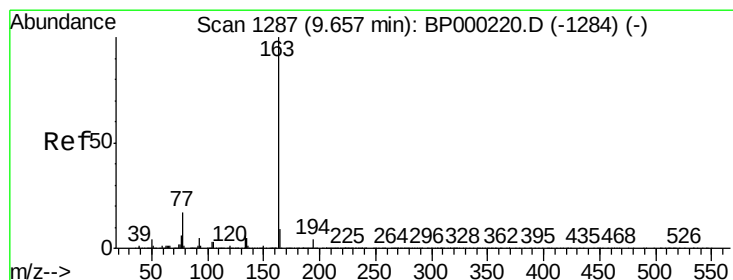
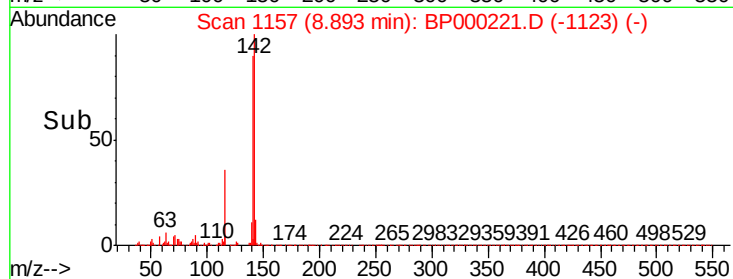
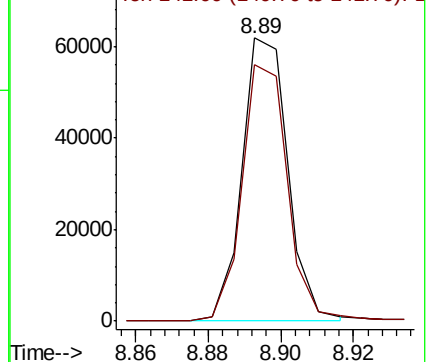
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#45

Dimethylphthalate

Concen: 3.789 ng/ul

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BP000221.D

Acq: 12 Sep 2019 18:07

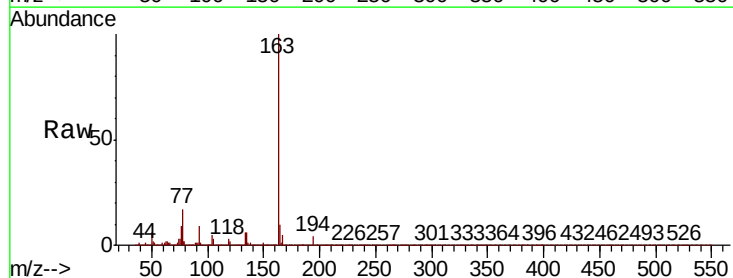
Tgt Ion:163 Resp: 198781

Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

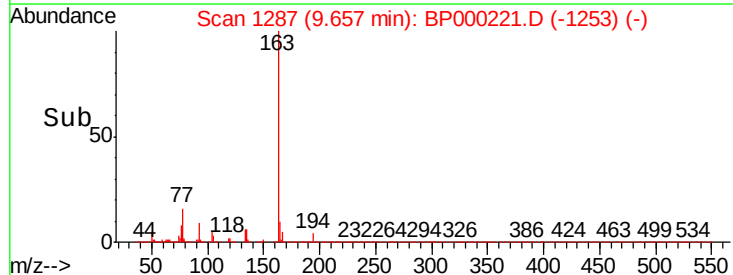
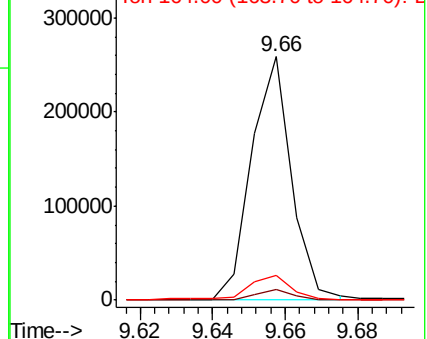
164 10.4 8.4 12.6

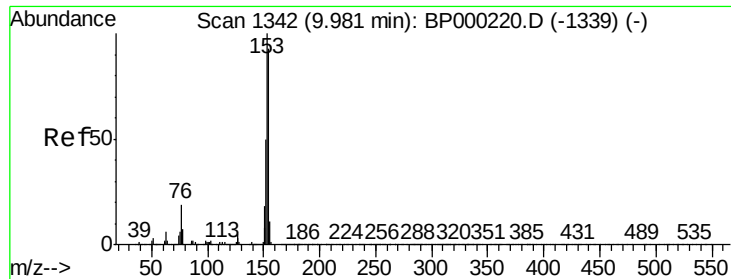


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

Acenaphthene

Concen: 15.423 ng/ul

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BP000221.D

Acq: 12 Sep 2019 18:07

Instrument :

BNA_P

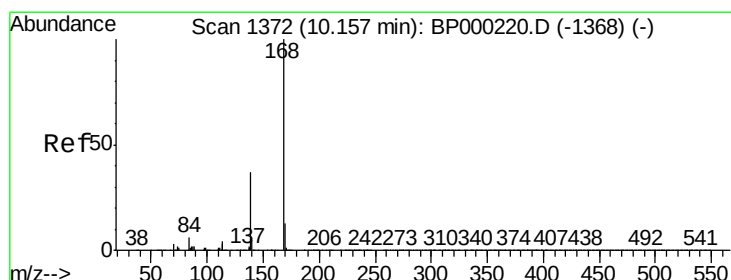
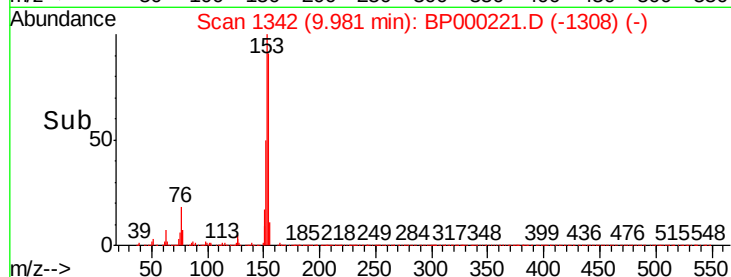
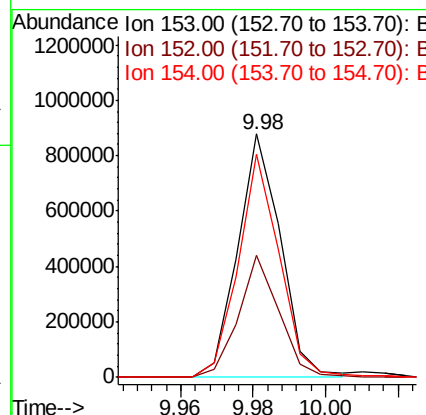
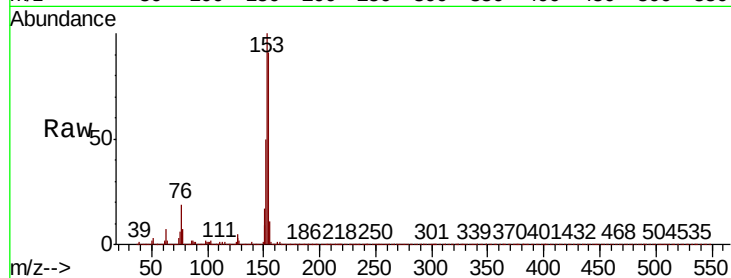
ClientSampleId :

F2D39

Tot Ion:	153	Resp:	717433
Ion Ratio	Lower	Upper	
153	100		
152	50.1	38.0	57.0
154	91.4	72.6	108.8

Manual Integrations
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#54

Dibenzofuran

Concen: 1.865 ng/ul

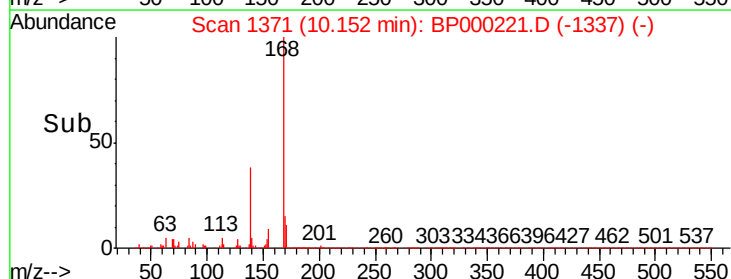
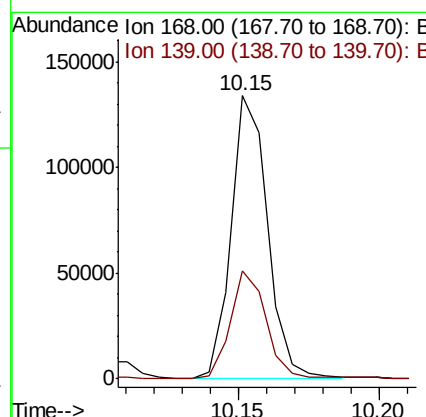
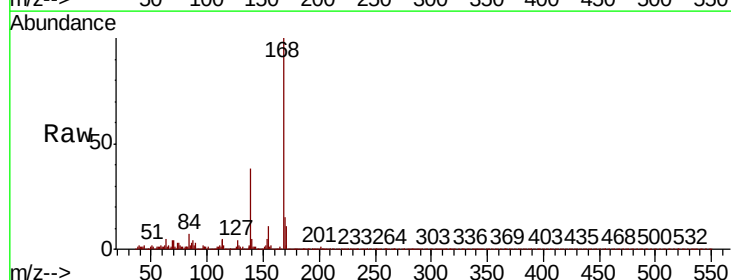
RT: 10.15 min Scan# 1371

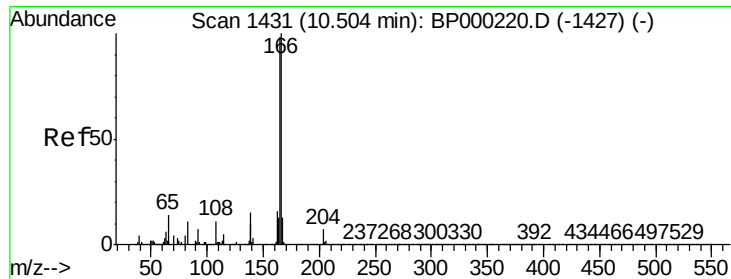
Delta R.T. 0.00 min

Lab File: BP000221.D

Acq: 12 Sep 2019 18:07

Tgt Ion:	168	Resp:	119033
Ion Ratio	Lower	Upper	
168	100		
139	38.4	30.0	45.0





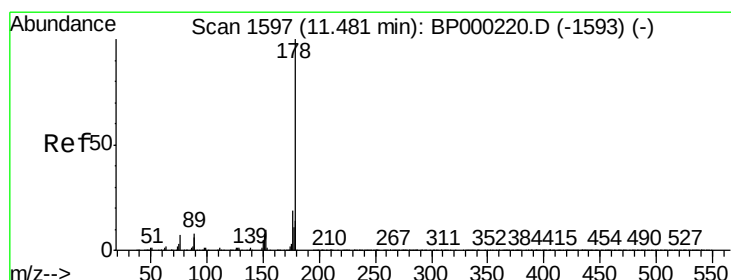
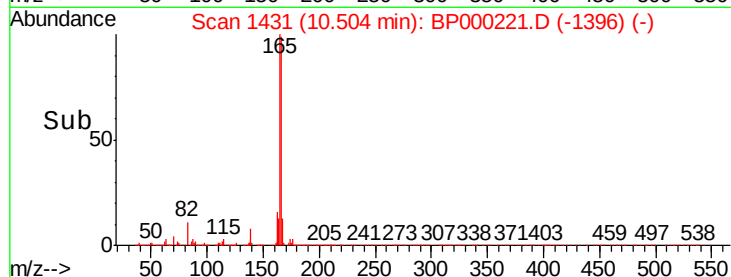
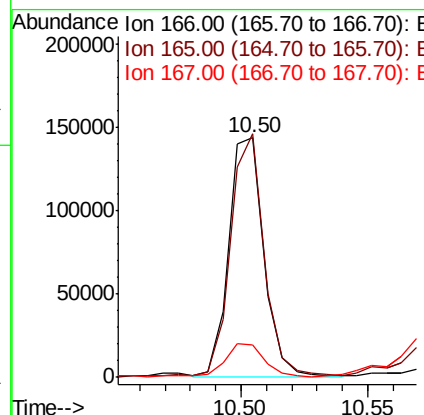
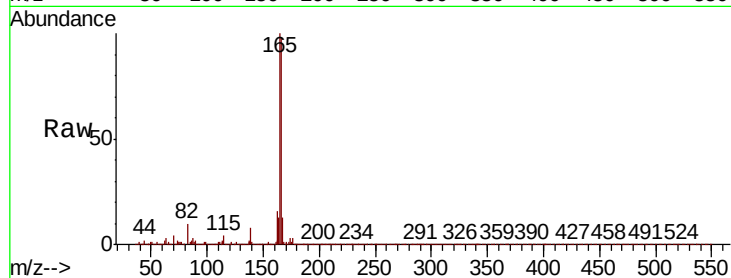
#59
Fluorene
Concen: 2.802 ng/ul
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BP000221.D
Acq: 12 Sep 2019 18:07

Instrument :
BNA_P
ClientSampleId :
F2D39

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.6	77.8	116.8
167	13.4	10.9	16.3

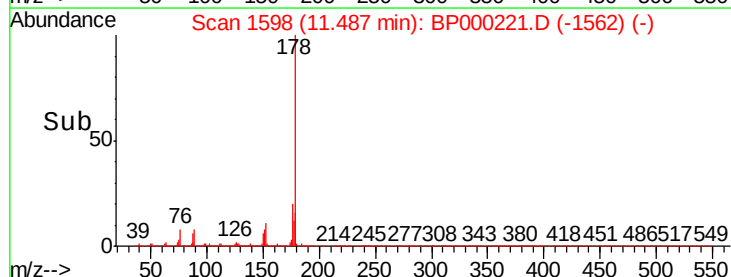
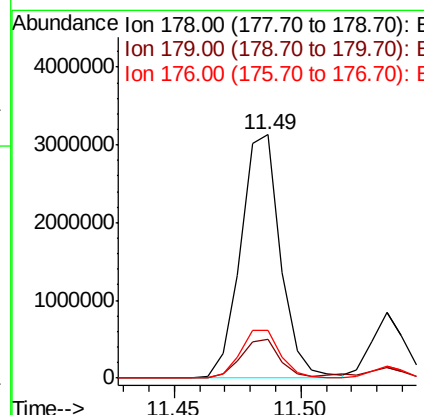
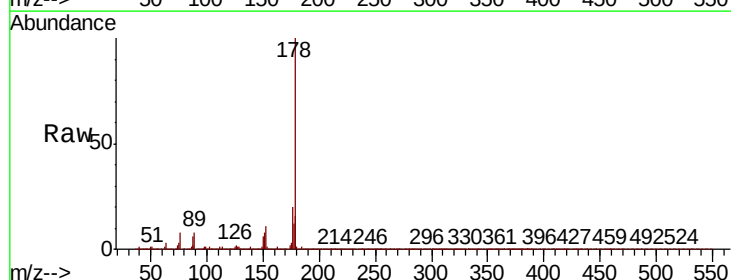
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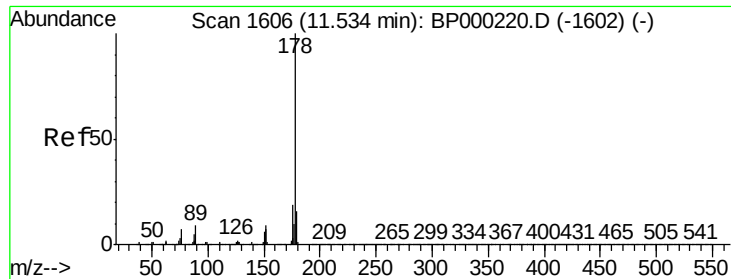
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#70
Phenanthrene
Concen: 46.953 ng/ul
RT: 11.49 min Scan# 1598
Delta R.T. 0.01 min
Lab File: BP000221.D
Acq: 12 Sep 2019 18:07

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	19.8	15.7	23.5





#72

Anthracene

Concen: 10.810 ng/ul

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: BP000221.D

Acq: 12 Sep 2019 18:07

Instrument :

BNA_P

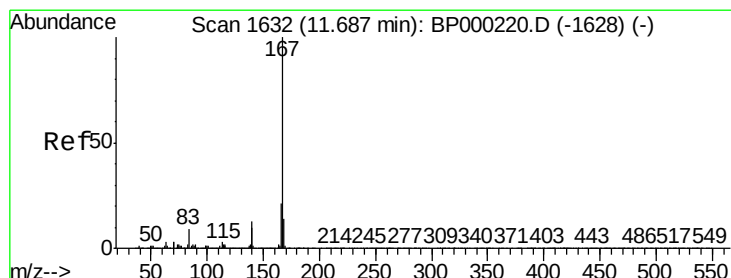
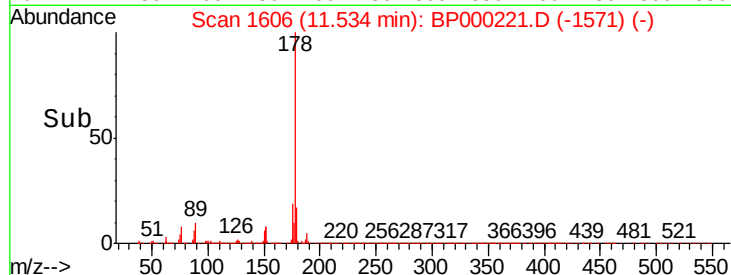
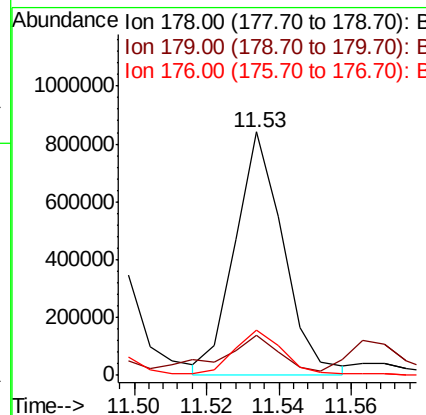
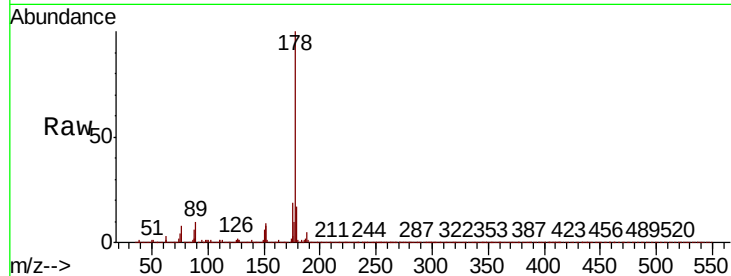
ClientSampled :

F2D39

Tot Ion:	178	Resp:	775019
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.3	18.5
176	18.8	15.1	22.7

Manual Integrations
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#75

Carbazole

Concen: 8.115 ng/ul

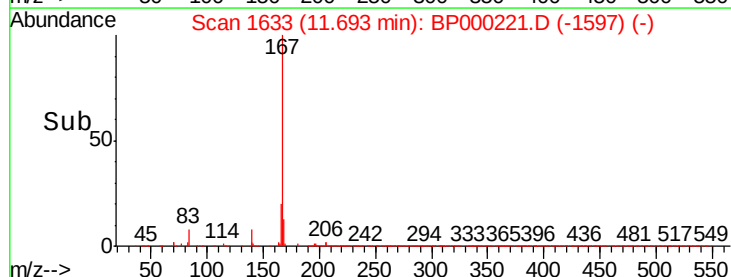
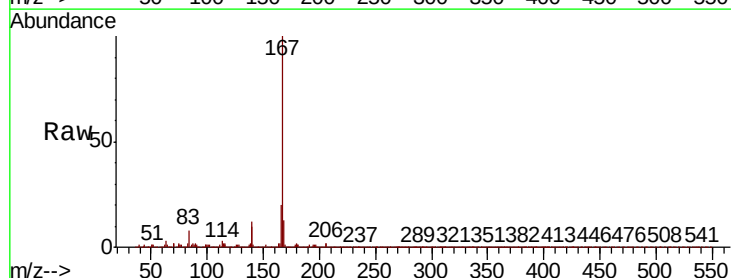
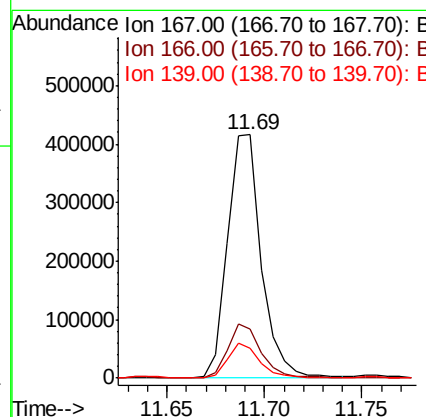
RT: 11.69 min Scan# 1633

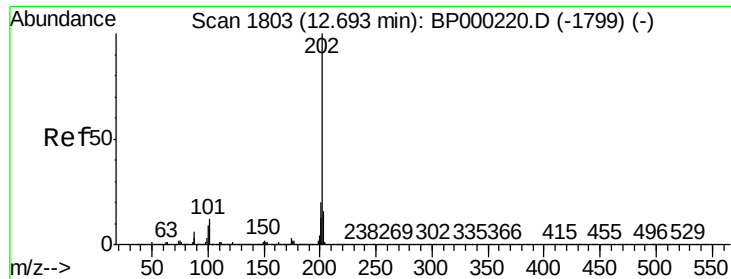
Delta R.T. 0.01 min

Lab File: BP000221.D

Acq: 12 Sep 2019 18:07

Tgt Ion:	167	Resp:	497432
Ion Ratio	Lower	Upper	
167	100		
166	20.3	17.3	25.9
139	12.1	10.6	15.8





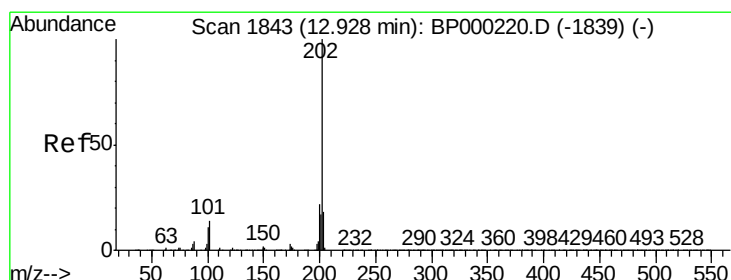
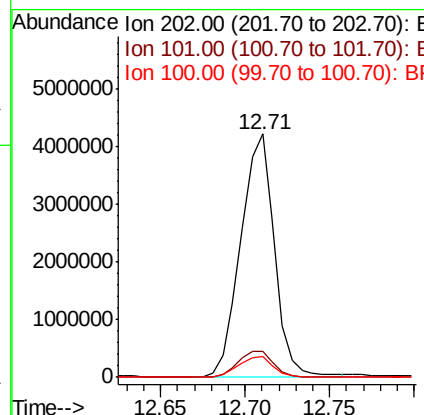
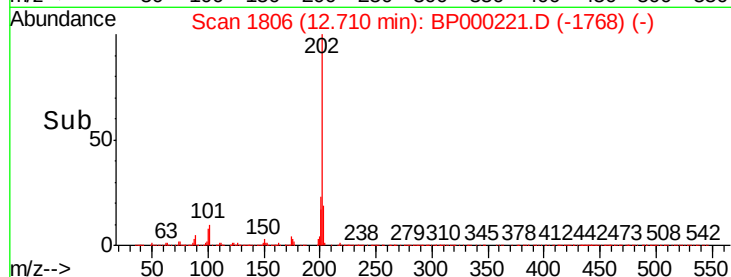
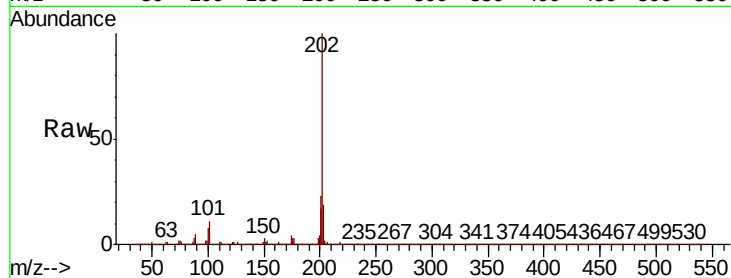
#77
Fluoranthene
Concen: 79.766 ng/ul
RT: 12.71 min Scan# 1806
Delta R.T. 0.02 min
Lab File: BP000221.D
Acq: 12 Sep 2019 18:07

Instrument :
BNA_P
ClientSampled :
F2D39

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	10.0	15.0
100	8.3	7.4	11.2

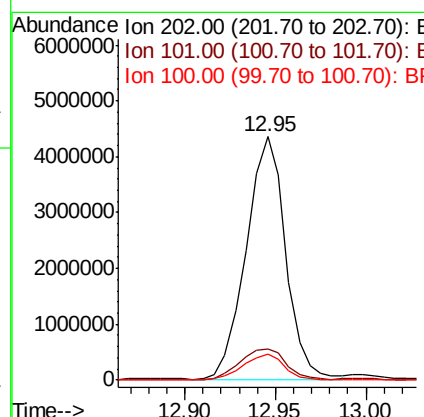
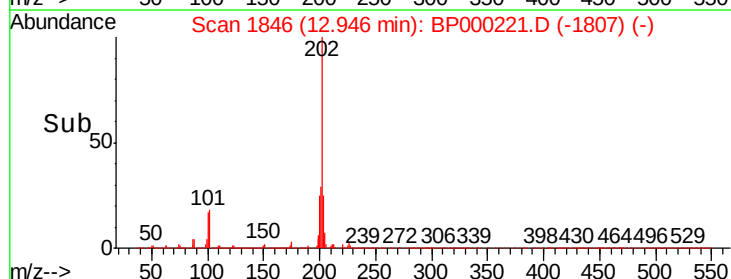
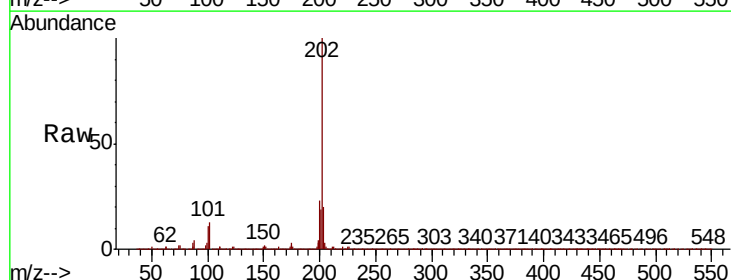
Manual Integrations
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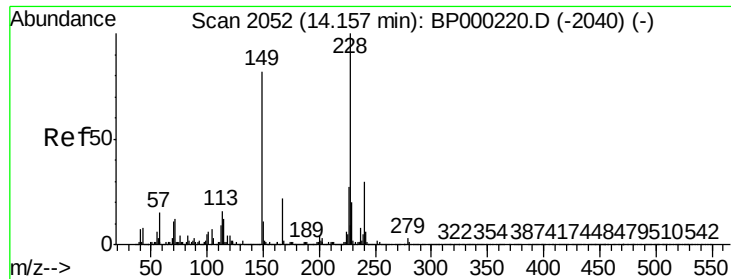
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#80
Pyrene
Concen: 111.627 ng/ul
RT: 12.95 min Scan# 1846
Delta R.T. 0.03 min
Lab File: BP000221.D
Acq: 12 Sep 2019 18:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	13.4	20.0#
100	10.7	10.8	16.2#





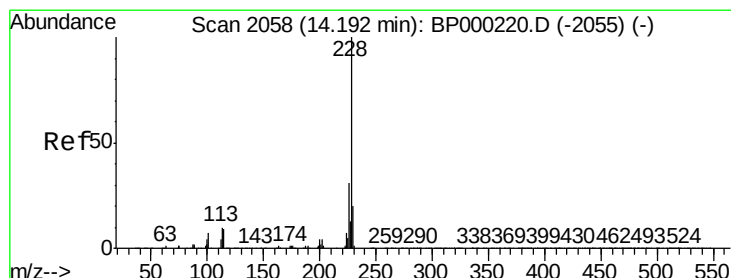
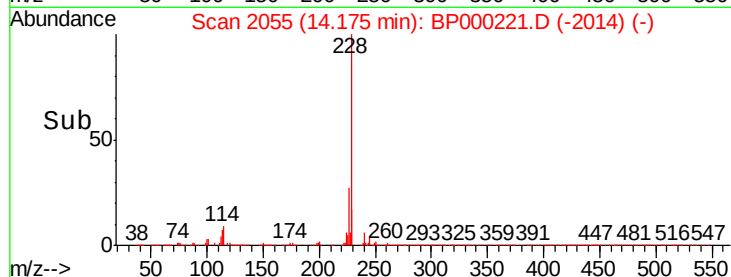
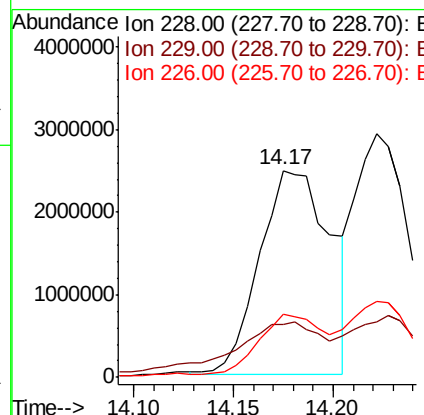
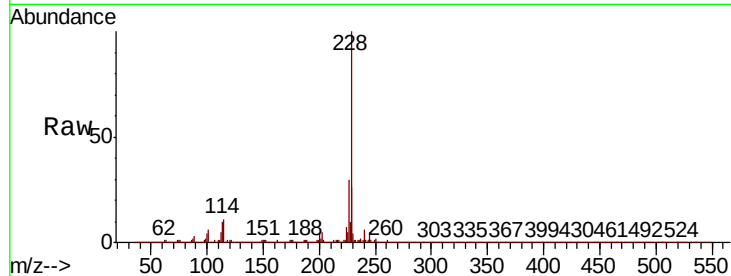
#83
Benzo(a)anthracene
Concen: 107.945 ng/ul m
RT: 14.17 min Scan# 2055
Delta R.T. 0.04 min
Lab File: BP000221.D
Acq: 12 Sep 2019 18:07

Instrument :
BNA_P
ClientSampleId :
F2D39

Tot Ion:228 Resp: 6110767
Ion Ratio Lower Upper
228 100
229 25.8 15.9 23.9#
226 30.2 22.1 33.1

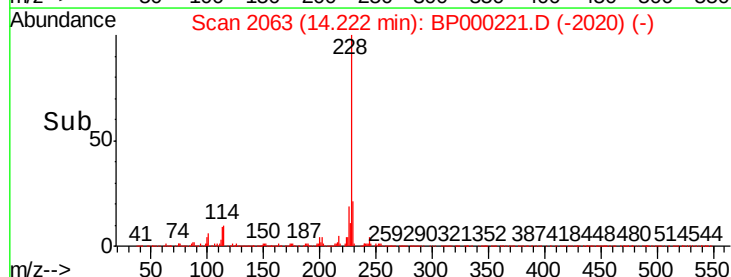
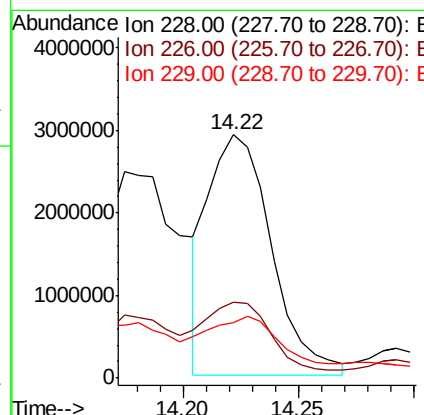
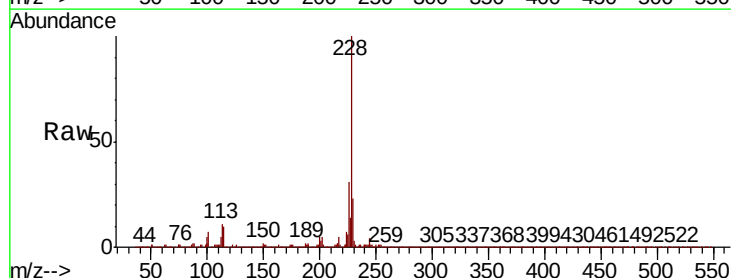
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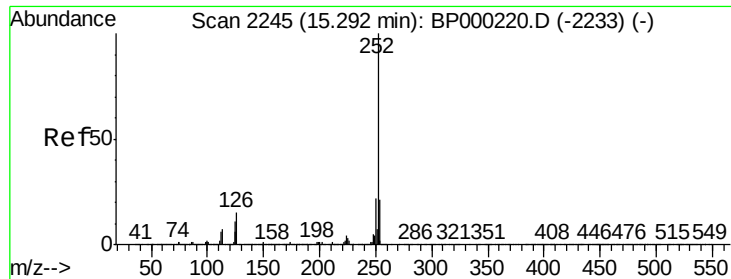
mohammad
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#85
Chrysene
Concen: 107.411 ng/ul
RT: 14.22 min Scan# 2063
Delta R.T. 0.05 min
Lab File: BP000221.D
Acq: 12 Sep 2019 18:07

Tgt Ion:228 Resp: 5579753
Ion Ratio Lower Upper
228 100
226 31.4 24.4 36.6
229 22.9 16.0 24.0





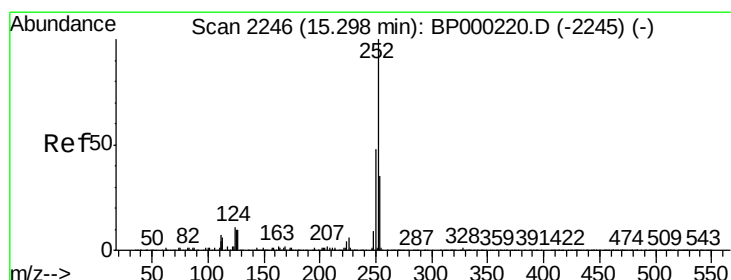
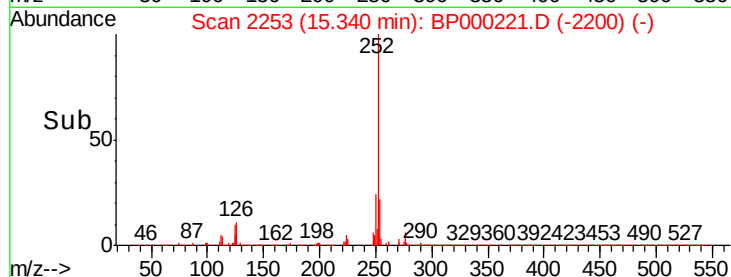
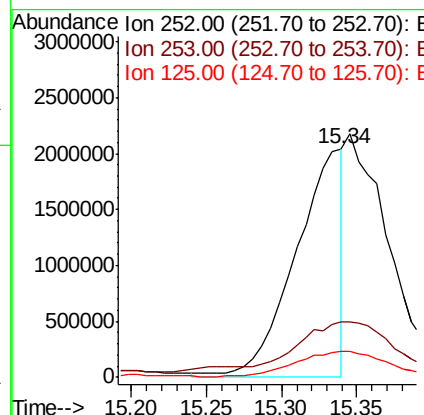
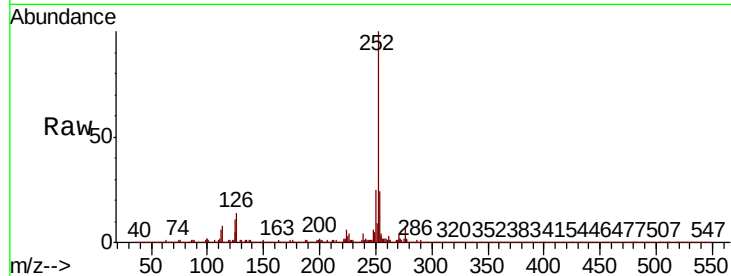
#88
Benzo(b)fluoranthene
Concen: 65.135 ng/ul m
RT: 15.34 min Scan# 2253
Delta R.T. 0.11 min
Lab File: BP000221.D
Acq: 12 Sep 2019 18:07

Instrument :
BNA_P
ClientSampleId :
F2D39

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	11.2	9.9	14.9

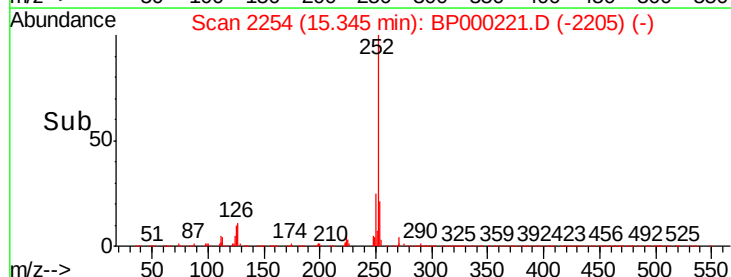
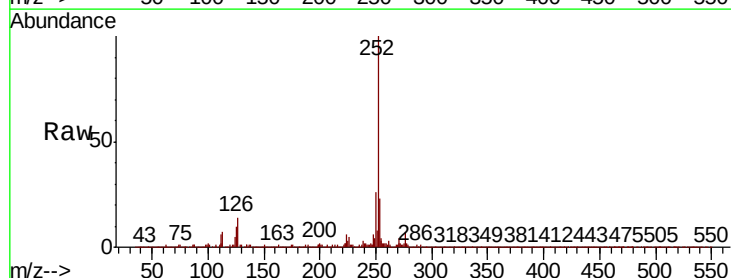
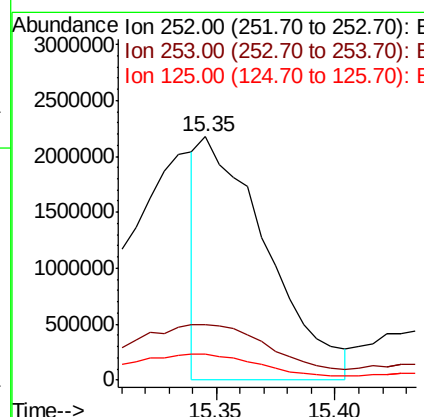
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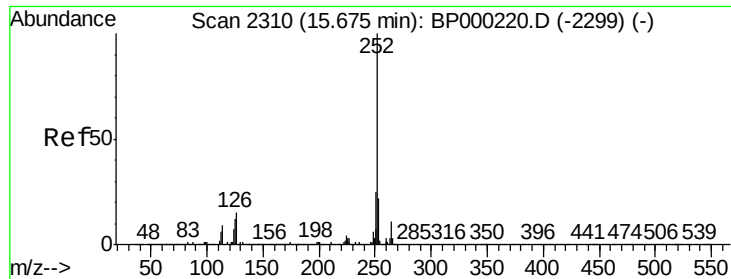
mohammad
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#89
Benzo(k)fluoranthene
Concen: 65.249 ng/ul m
RT: 15.35 min Scan# 2254
Delta R.T. 0.09 min
Lab File: BP000221.D
Acq: 12 Sep 2019 18:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	10.5	10.2	15.2





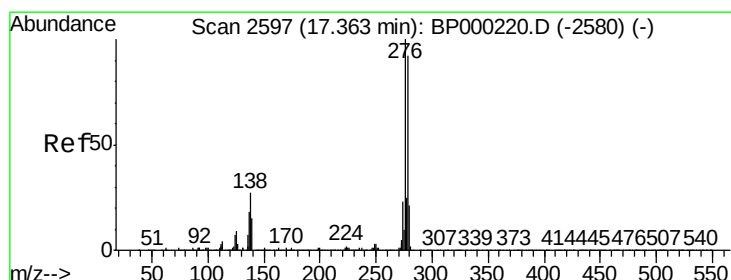
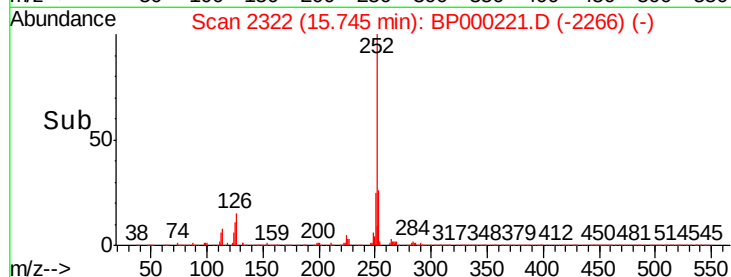
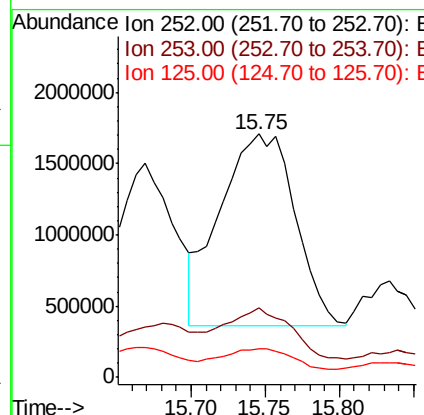
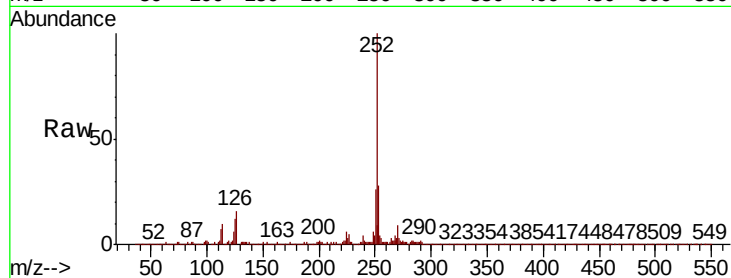
#91
Benzo(a)pyrene
Concen: 72.819 ng/ul m
RT: 15.75 min Scan# 2322
Delta R.T. 0.13 min
Lab File: BP000221.D
Acq: 12 Sep 2019 18:07

Instrument :
BNA_P
ClientSampleId :
F2D39

Tot Ion:252 Resp: 4752631
Ion Ratio Lower Upper
252 100
253 28.4 17.5 26.3#
125 11.5 10.2 15.2

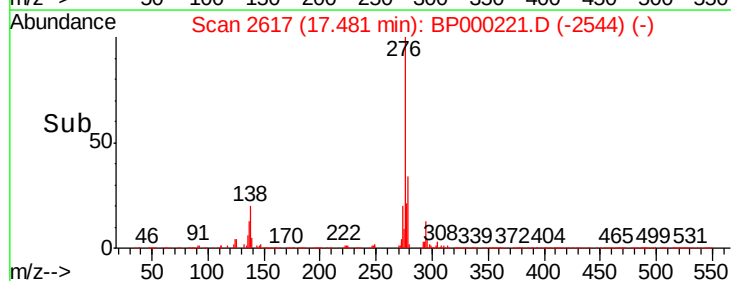
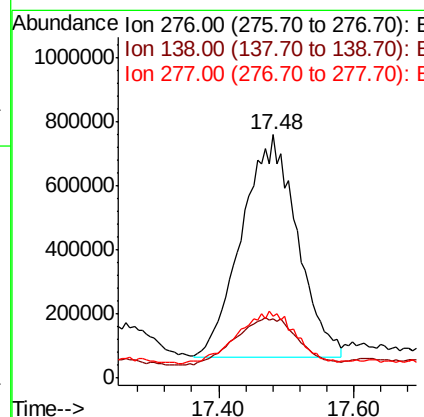
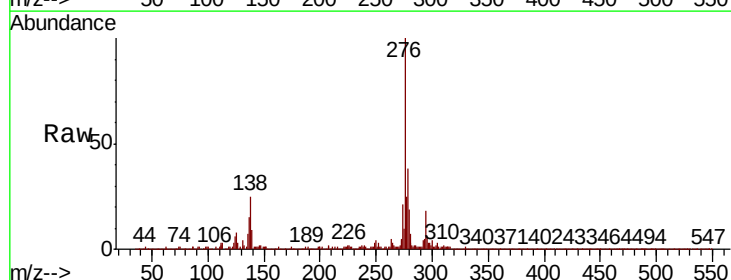
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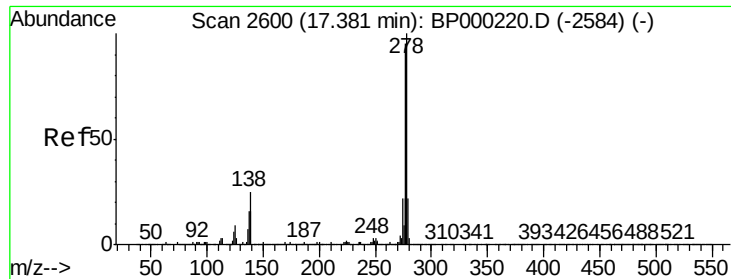
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#92
Indeno(1,2,3-cd)pyrene
Concen: 52.789 ng/ul m
RT: 17.48 min Scan# 2617
Delta R.T. 0.23 min
Lab File: BP000221.D
Acq: 12 Sep 2019 18:07

Tgt Ion:276 Resp: 3963638
Ion Ratio Lower Upper
276 100
138 24.6 20.0 30.0
277 25.2 19.4 29.0





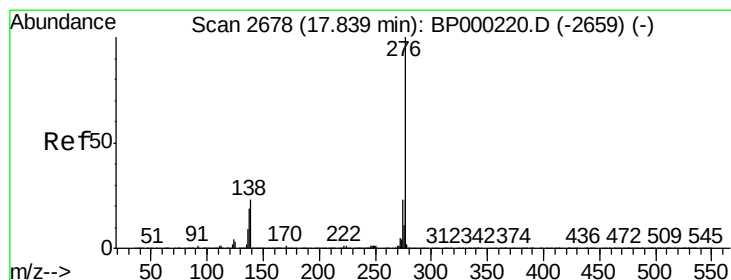
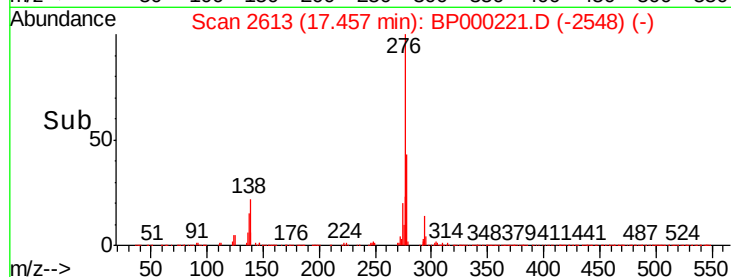
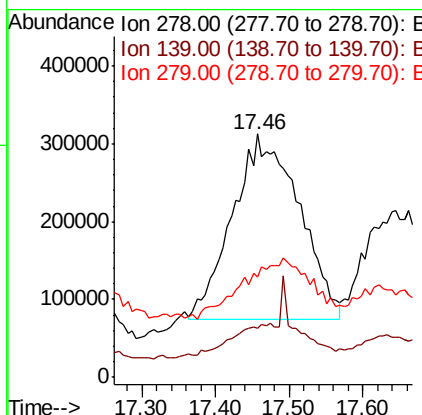
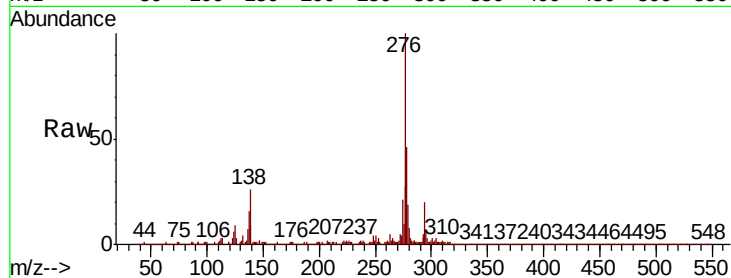
#93
Dibenzo(a,h)anthracene
Concen: 24.023 ng/ul m
RT: 17.46 min Scan# 2613
Delta R.T. 0.18 min
Lab File: BP000221.D
Acq: 12 Sep 2019 18:07

Instrument :
BNA_P
ClientSampleId :
F2D39

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	20.4	15.1	22.7	
279	41.2	19.2	28.8	

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 76.355 ng/ul m
RT: 17.97 min Scan# 2701
Delta R.T. 0.25 min
Lab File: BP000221.D
Acq: 12 Sep 2019 18:07

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
138	25.4	20.0	30.0	
277	28.2	19.1	28.7	

