

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
 Data File : BP000222.D
 Acq On : 12 Sep 2019 18:32
 Operator : HP/JU
 Sample : K4634-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D38

Manual Integrations
 APPROVED

mohammad
 9/16/2019 9:09:29 AM

Quant Time: Sep 13 14:15:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 13 02:45:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	330810	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1251238	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	660780	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.46	188	1201453	20.00	ng/ul	0.00
78) Chrysene-d12	14.20	240	796069	20.00	ng/ul	0.04
86) Perylene-d12	15.82	264	956548m	20.00	ng/ul	0.11

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.61	96	24719	2.65	ng/uL	0.00
5) Phenol-d5	6.51	99	468209	16.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	237798	16.14	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	389221	17.08	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	361448	17.08	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	182057	19.16	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	195956	21.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	343861	17.52	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	119815	4.94	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	930031	19.06	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1152109	19.11	ng/ul	0.00
52) 4-Nitrophenol-d4	10.04	143	137362	15.76	ng/ul	0.00
58) Fluorene-d10	10.47	176	778309	18.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.55	200	83026	15.03	ng/ul	0.01
71) Anthracene-d10	11.52	188	1092025	18.77	ng/ul	0.00
79) Pyrene-d10	12.92	212	1018959	21.52	ng/ul	0.01
90) Benzo(a)pyrene-d12	15.72	264	767662	15.48	ng/ul	0.10

Target Compounds

					Ovalue
6) Phenol	6.53	94	83552	2.845	ng/ul 97
14) Acetophenone	7.29	105	38952	1.226	ng/ul 98
28) Naphthalene	8.20	128	162424	2.383	ng/ul 99
34) 2-Methylnaphthalene	8.90	142	49741	1.069	ng/ul 92
45) Dimethylphthalate	9.66	163	214508	4.357	ng/ul 99
50) Acenaphthene	9.98	153	793173	18.171	ng/ul 96
54) Dibenzofuran	10.15	168	108379	1.810	ng/ul 95
59) Fluorene	10.50	166	121279	2.618	ng/ul 97
70) Phenanthrene	11.49	178	2982960	41.984	ng/ul 100
72) Anthracene	11.53	178	767095	10.972	ng/ul 99
75) Carbazole	11.69	167	439892	7.359	ng/ul 98
77) Fluoranthene	12.71	202	5633101	78.606	ng/ul 98
80) Pyrene	12.95	202	6200225	103.234	ng/ul 93
83) Benzo(a)anthracene	14.19	228	5559267m	96.473	ng/ul
85) Chrysene	14.22	228	5689259	107.591	ng/ul 97
88) Benzo(b)fluoranthene	15.36	252	5713143m	90.116	ng/ul
89) Benzo(k)fluoranthene	15.37	252	3019921m	50.533	ng/ul
91) Benzo(a)pyrene	15.77	252	3881901m	65.261	ng/ul
92) Indeno(1,2,3-cd)pyrene	17.49	276	3907785m	57.105	ng/ul
93) Dibenz(a,h)anthracene	17.49	278	1433999m	25.300	ng/ul
94) Benzo(a,h,i)perylene	17.99	276	4571010m	80.115	ng/ul

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 13 02:45:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

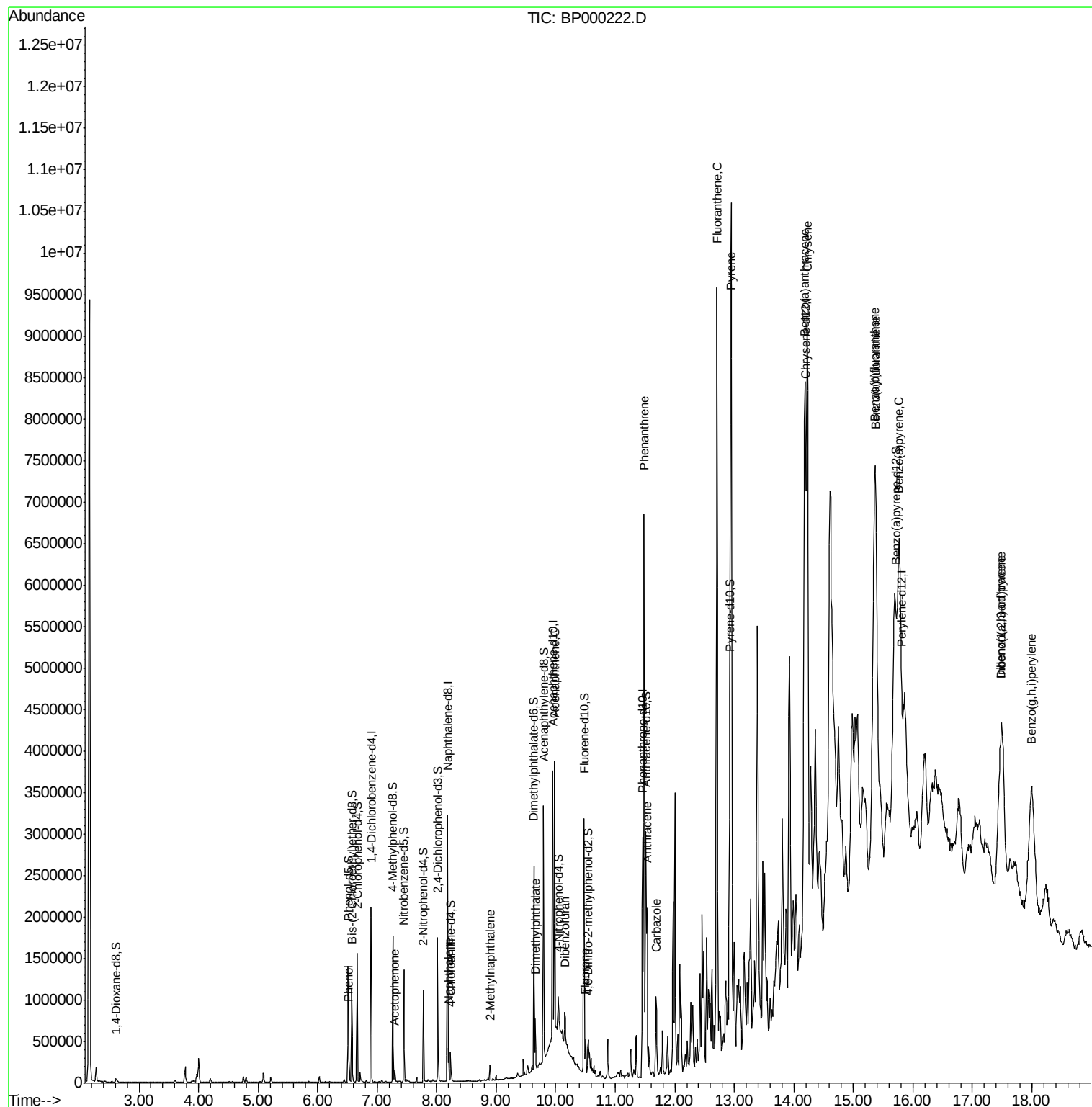
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000222.D
Acq On : 12 Sep 2019 18:32
Operator : HP/JU
Sample : K4634-20
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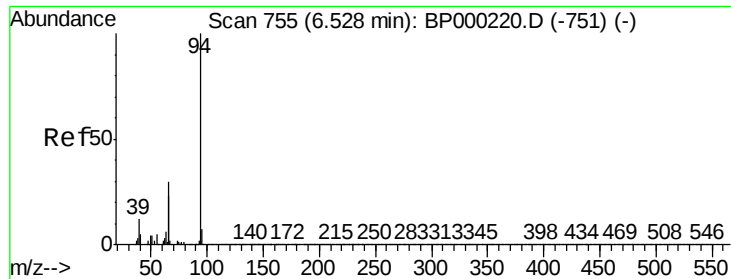
Instrument :
BNA_P
ClientSampled :
F2D38

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 2.845 ng/ul

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BP000222.D

Acq: 12 Sep 2019 18:32

Instrument :

BNA_P

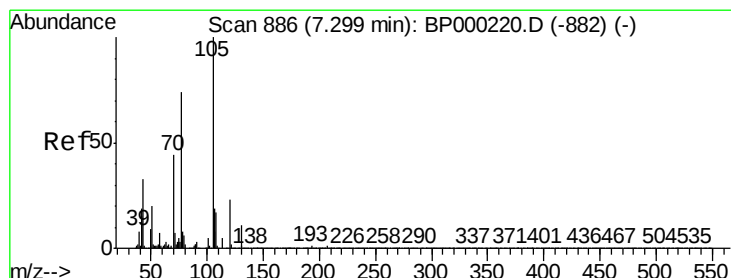
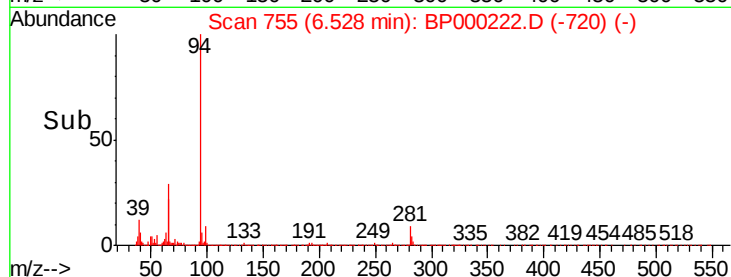
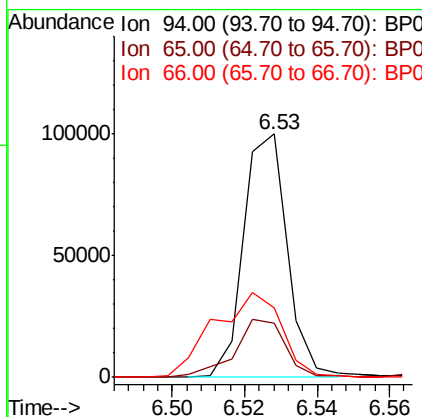
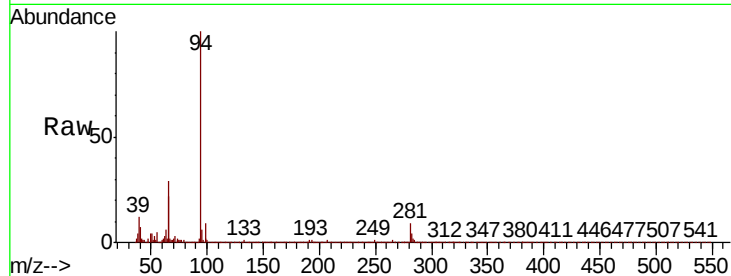
ClientSampled :

F2D38

Tot Ion:	94	Resp:	83552
Ion Ratio	Lower	Upper	
94	100		
65	22.1	18.8	28.2
66	28.7	24.2	36.2

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#14

Acetophenone

Concen: 1.226 ng/ul

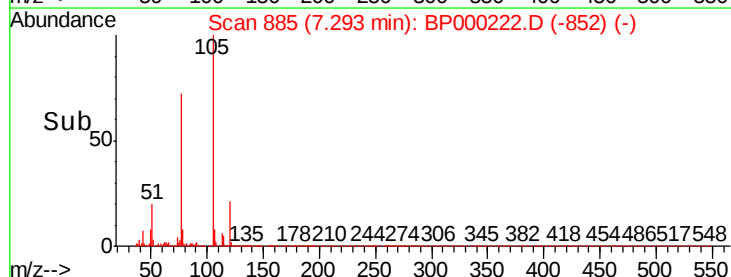
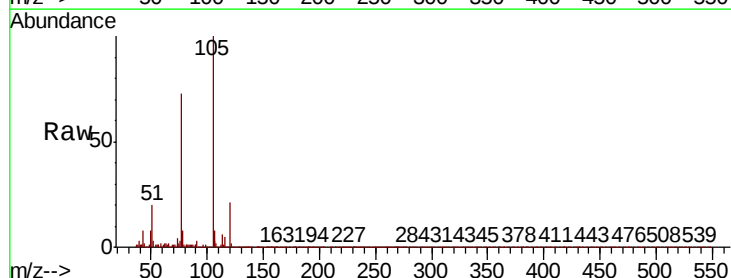
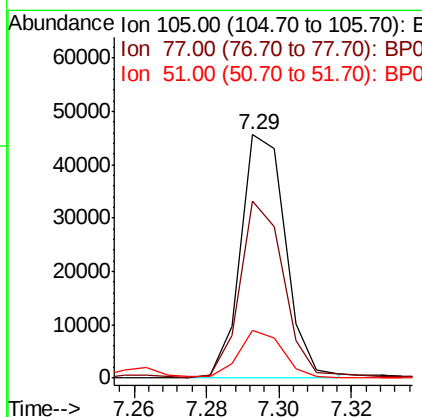
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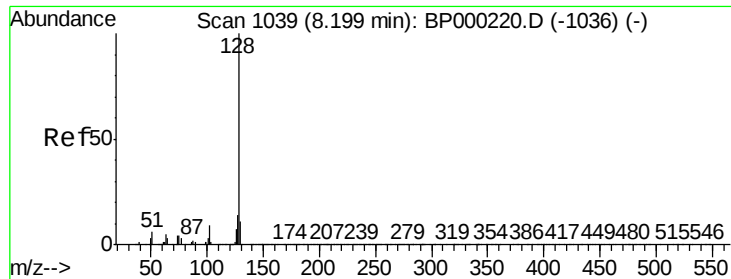
Delta R.T. -0.01 min

Lab File: BP000222.D

Acq: 12 Sep 2019 18:32

Tgt Ion:	105	Resp:	38952
Ion Ratio	Lower	Upper	
105	100		
77	72.6	57.2	85.8
51	19.7	14.7	22.1





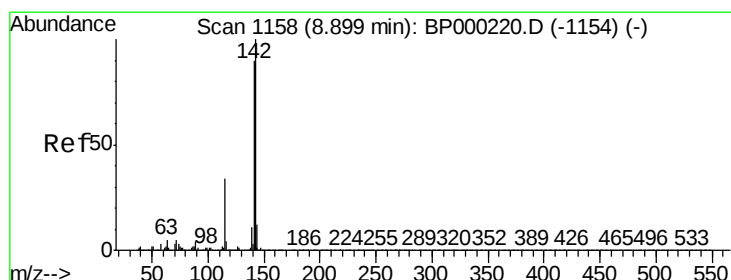
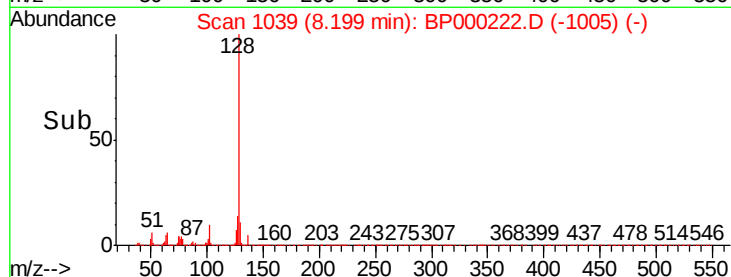
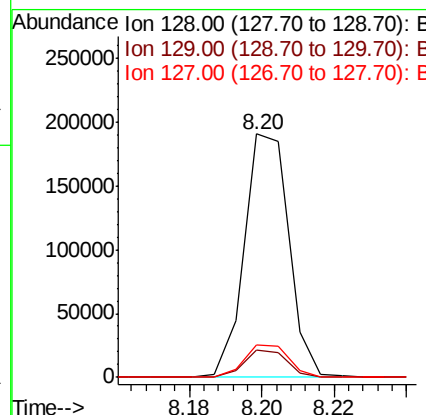
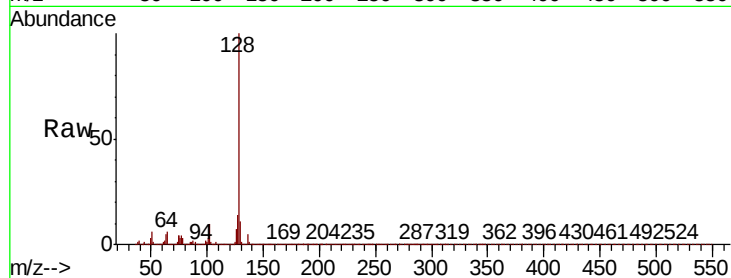
#28
Naphthalene
Concen: 2.383 ng/ul
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BP000222.D
Acq: 12 Sep 2019 18:32

Instrument :
BNA_P
ClientSampleId :
F2D38

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.5	10.7	16.1

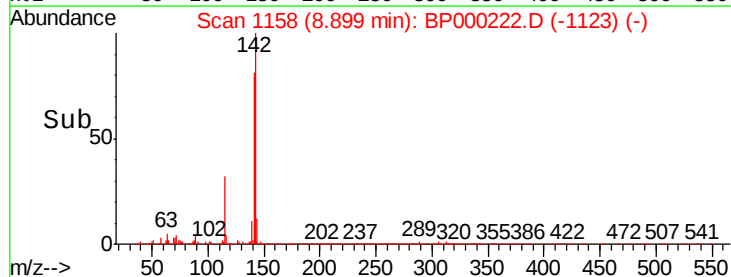
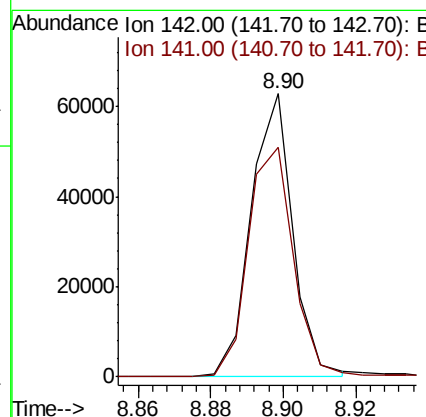
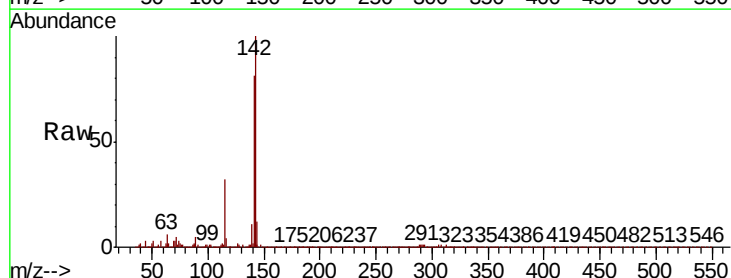
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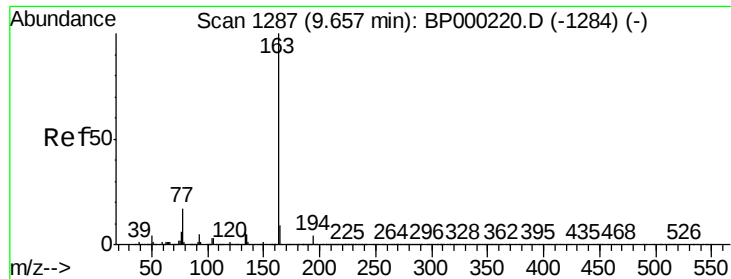
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#34
2-Methylnaphthalene
Concen: 1.069 ng/ul
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BP000222.D
Acq: 12 Sep 2019 18:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	81.3	71.4	107.0





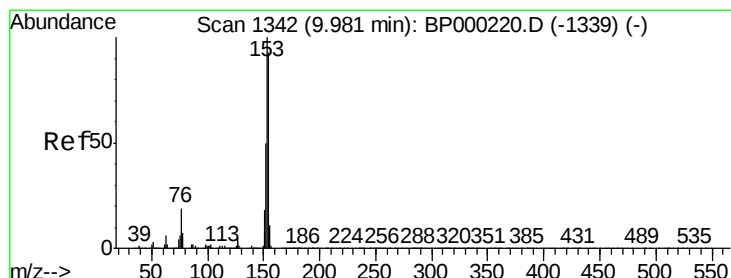
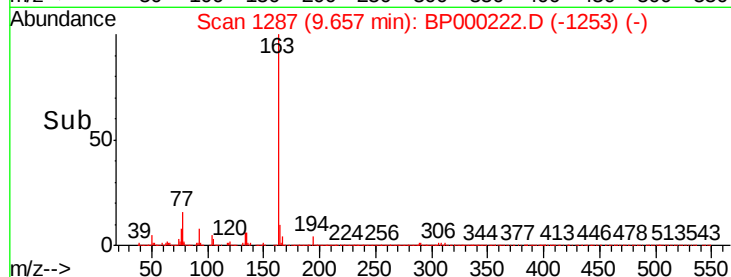
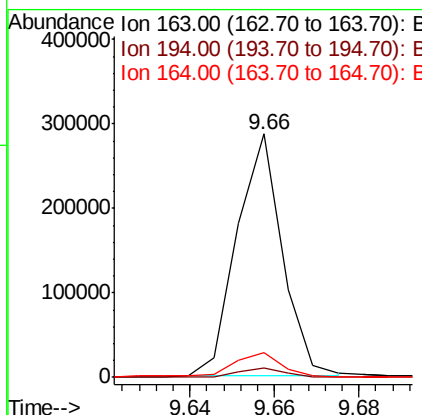
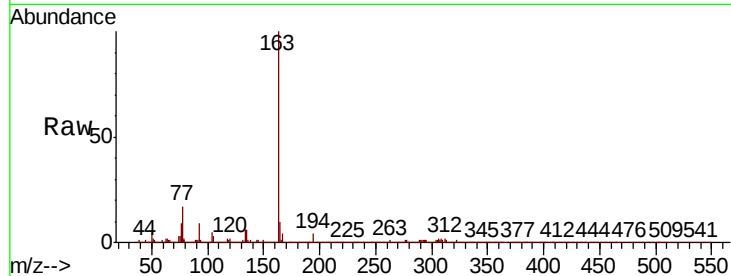
#45
Dimethylphthalate
Concen: 4.357 ng/ul
RT: 9.66 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BP000222.D
Acq: 12 Sep 2019 18:32

Instrument :
BNA_P
ClientSampleId :
F2D38

Tot Ion	Ratio	Resp	Lower	Upper
163	100	214508		
194	3.9		3.2	4.8
164	10.2		8.4	12.6

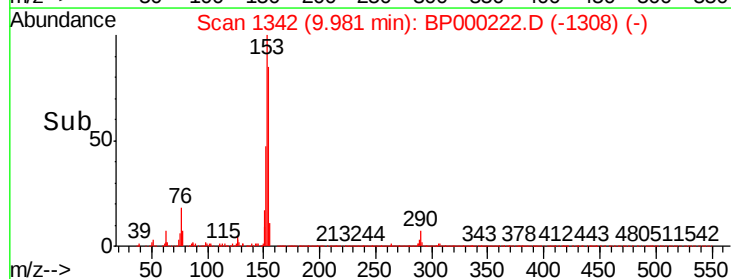
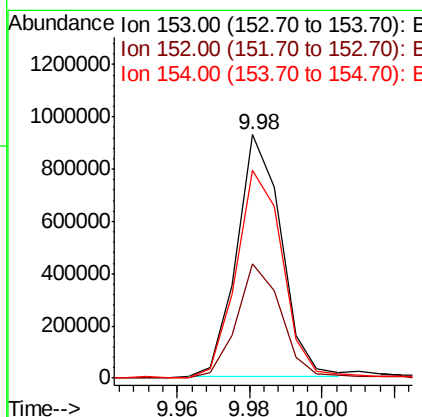
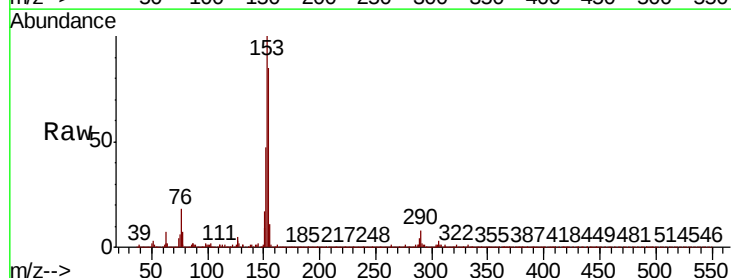
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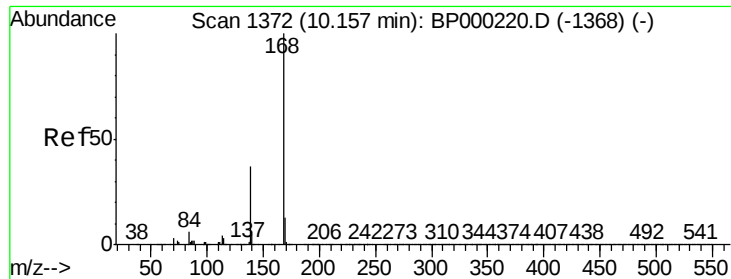
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#50
Acenaphthene
Concen: 18.171 ng/ul
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BP000222.D
Acq: 12 Sep 2019 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	793173		
152	47.1		38.0	57.0
154	85.3		72.6	108.8





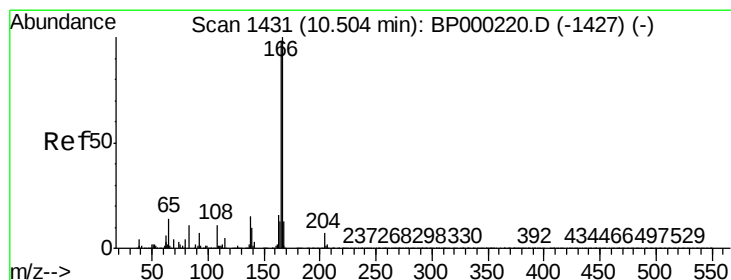
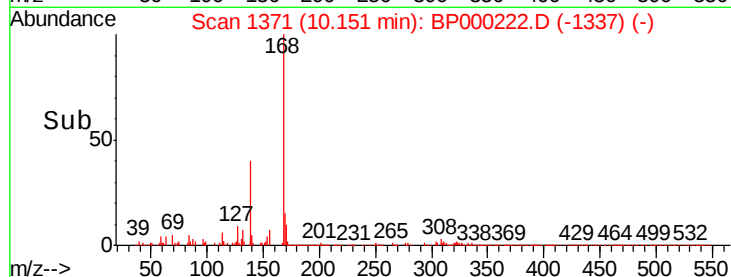
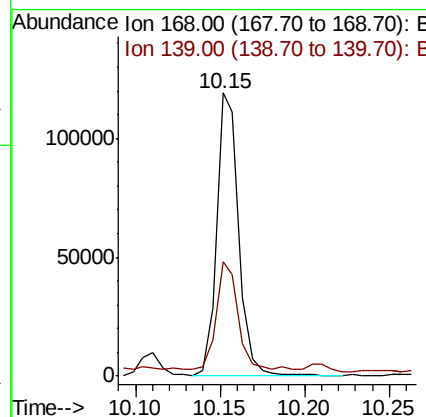
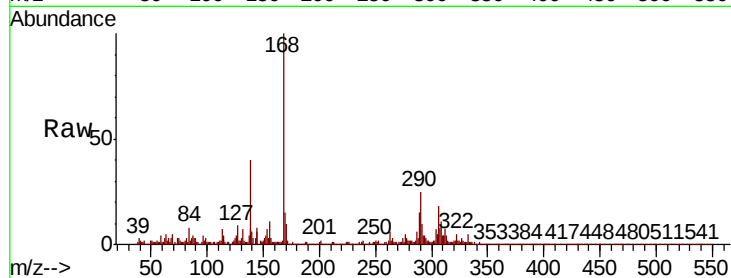
#54
Dibenzofuran
Concen: 1.810 ng/ul
RT: 10.15 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BP000222.D
Acq: 12 Sep 2019 18:32

Instrument :
BNA_P
ClientSampled :
F2D38

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	30.0	45.0

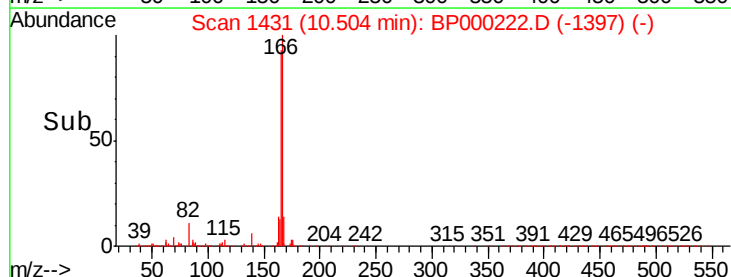
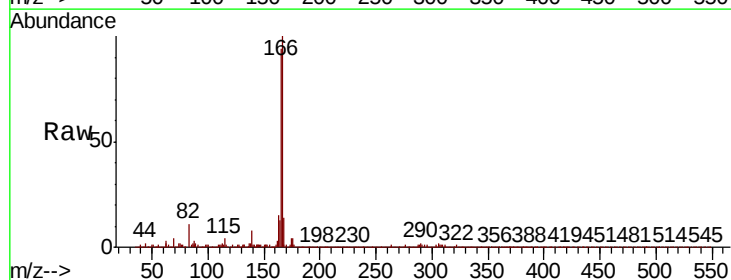
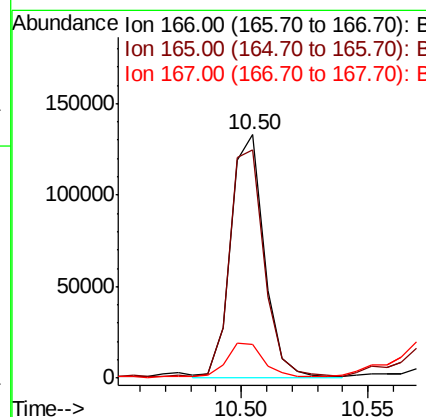
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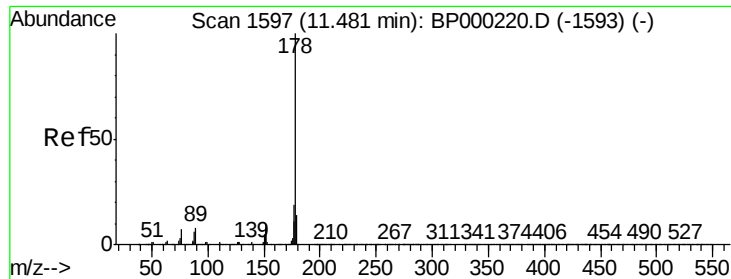
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#59
Fluorene
Concen: 2.618 ng/ul
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BP000222.D
Acq: 12 Sep 2019 18:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.8	77.8	116.8
167	13.9	10.9	16.3





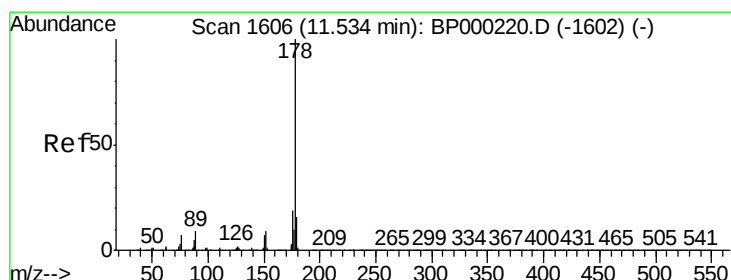
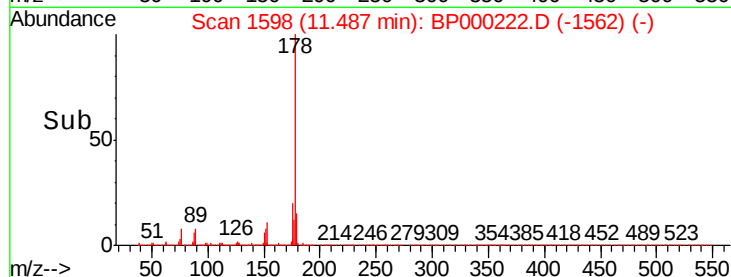
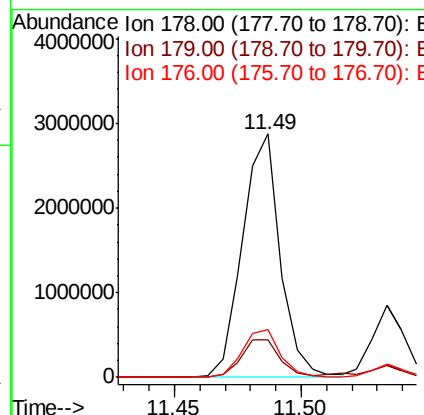
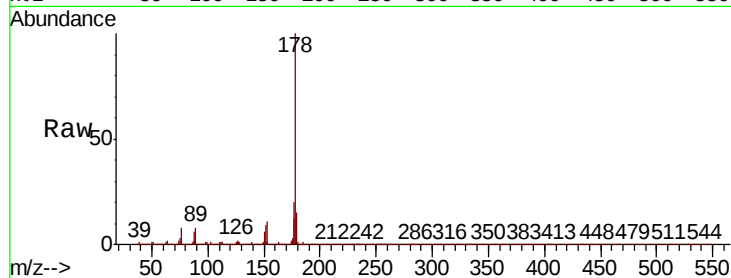
#70
Phenanthrene
Concen: 41.984 ng/ul
RT: 11.49 min Scan# 1598
Delta R.T. 0.01 min
Lab File: BP000222.D
Acq: 12 Sep 2019 18:32

Instrument :
BNA_P
ClientSampleId :
F2D38

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	19.7	15.7	23.5

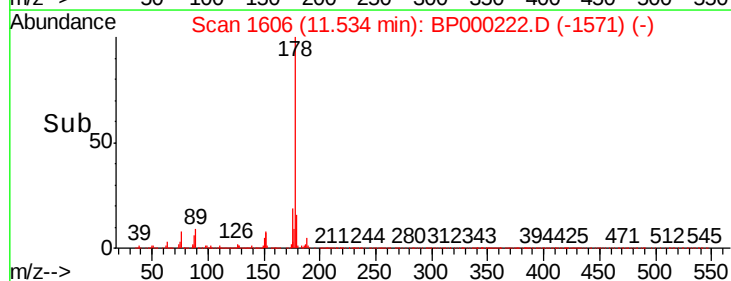
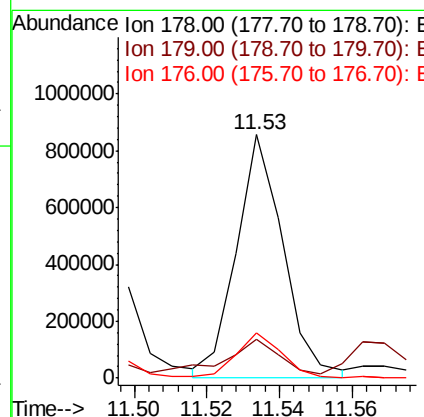
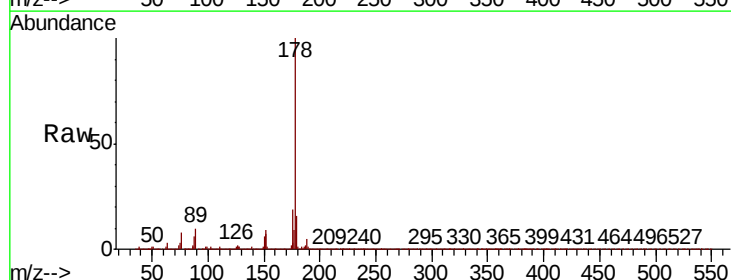
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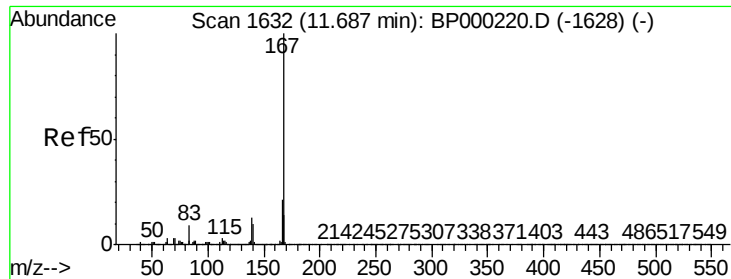
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#72
Anthracene
Concen: 10.972 ng/ul
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: BP000222.D
Acq: 12 Sep 2019 18:32

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.8	15.1	22.7





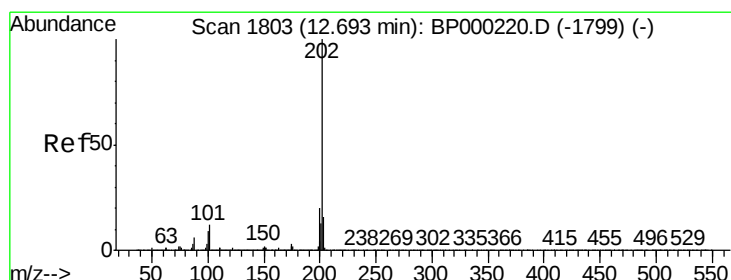
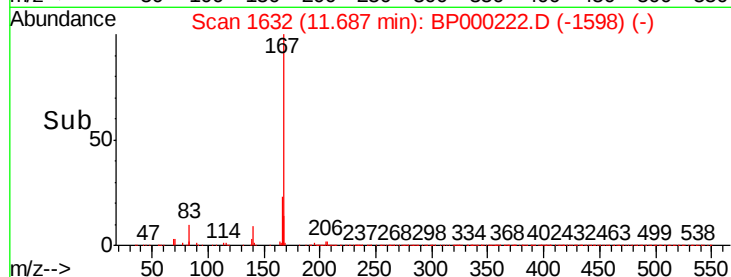
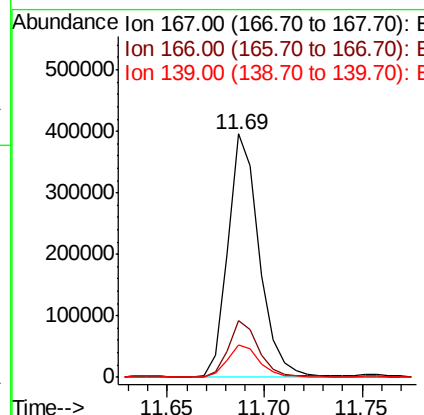
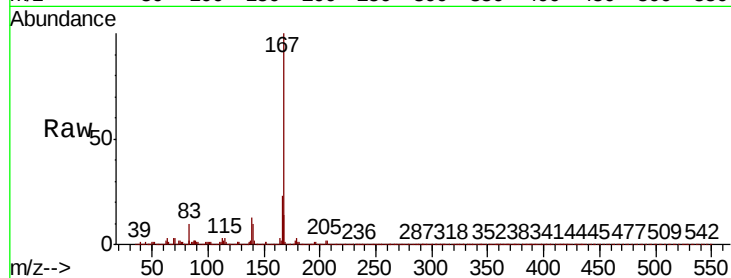
#75
 Carbazole
 Concen: 7.359 ng/ul
 RT: 11.69 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BP000222.D
 Acq: 12 Sep 2019 18:32

Instrument :
 BNA_P
 ClientSampleID :
 F2D38

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.3	25.9
139	13.2	10.6	15.8

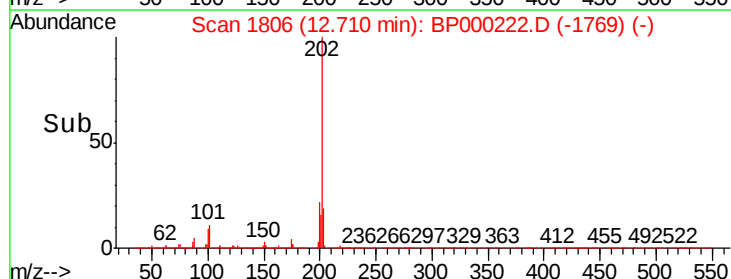
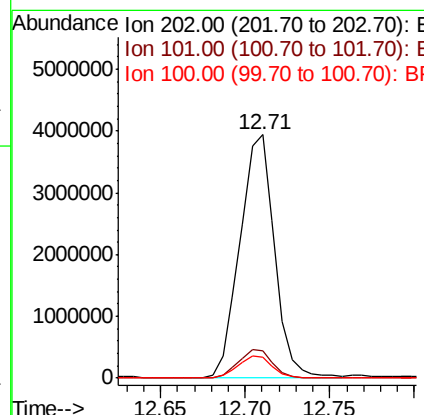
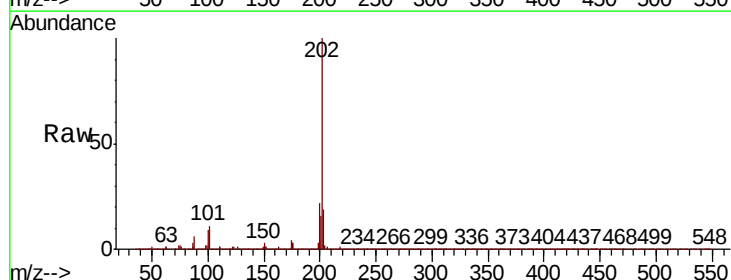
Manual Integrations
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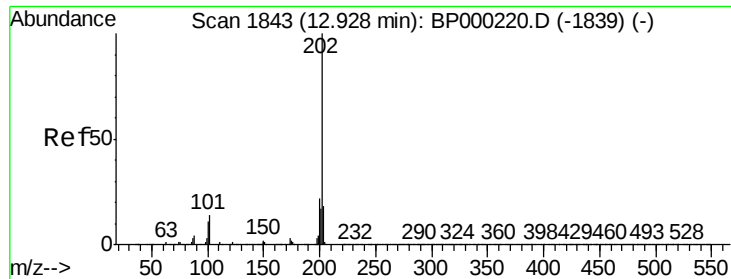
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#77
 Fluoranthene
 Concen: 78.606 ng/ul
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.02 min
 Lab File: BP000222.D
 Acq: 12 Sep 2019 18:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.0	15.0
100	8.8	7.4	11.2





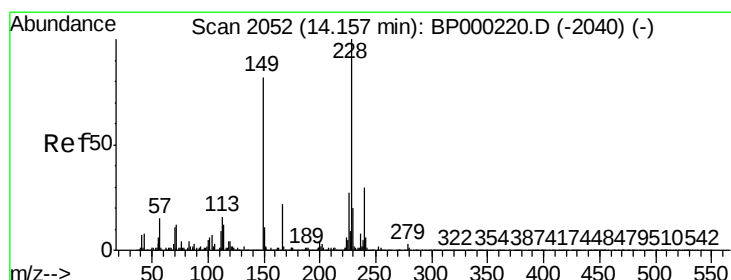
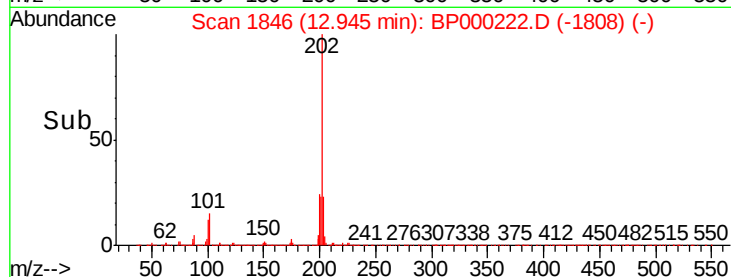
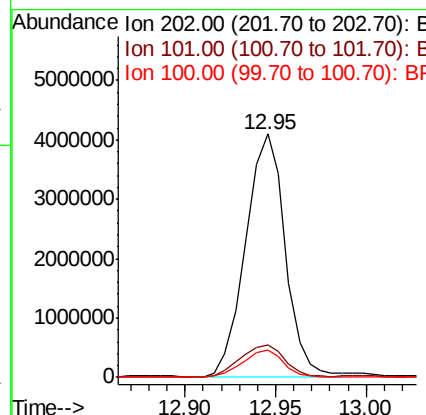
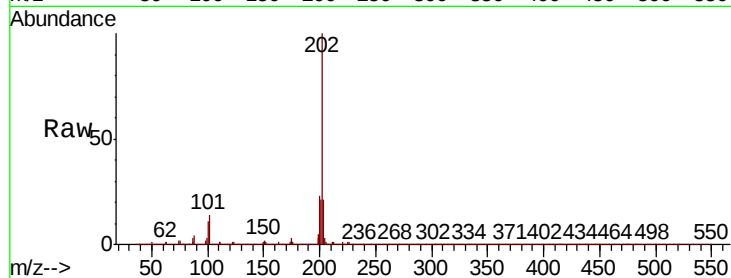
#80
Pvrene
Concen: 103.234 ng/ul
RT: 12.95 min Scan# 1846
Delta R.T. 0.02 min
Lab File: BP000222.D
Acq: 12 Sep 2019 18:32

Instrument :
BNA_P
ClientSampled :
F2D38

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.5	13.4	20.0
100	11.2	10.8	16.2

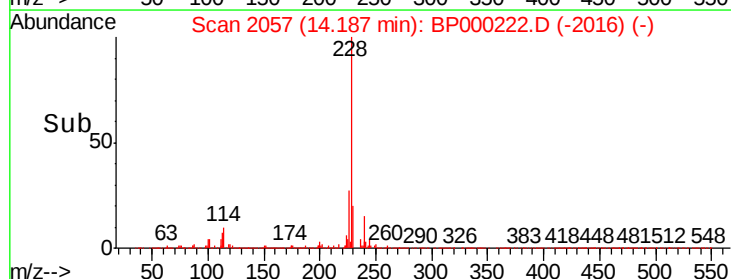
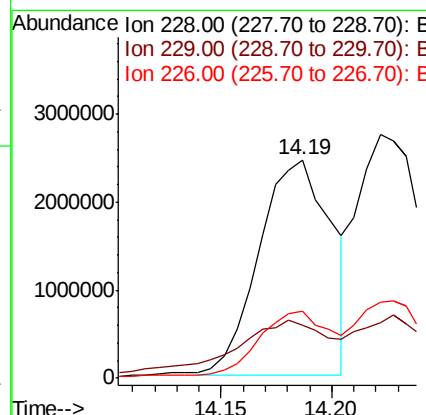
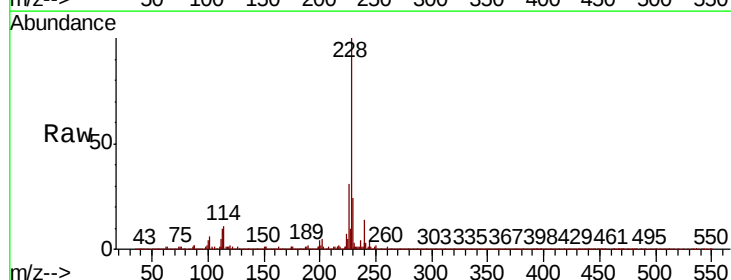
Manual Integrations
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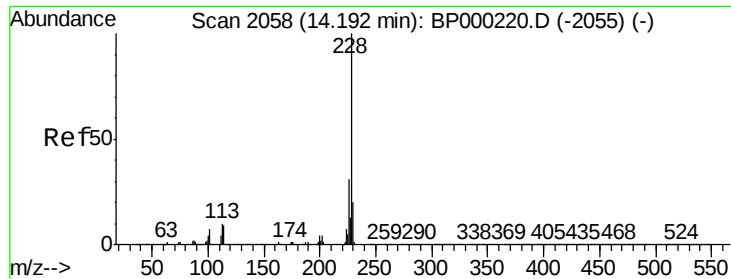
mohammad
9/16/2019 9:09:29 AM



#83
Benzo(a)anthracene
Concen: 96.473 ng/ul m
RT: 14.19 min Scan# 2057
Delta R.T. 0.04 min
Lab File: BP000222.D
Acq: 12 Sep 2019 18:32

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.3	15.9	23.9#
226	30.8	22.1	33.1





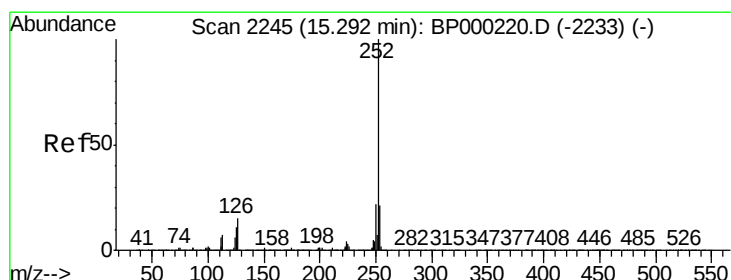
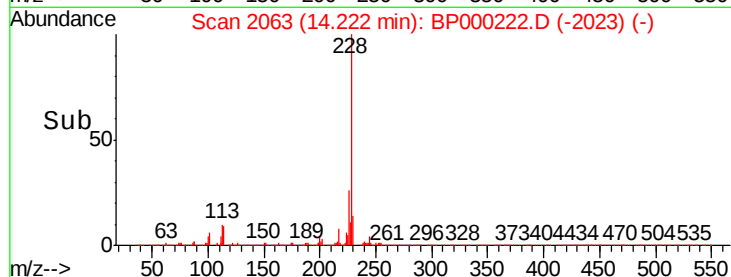
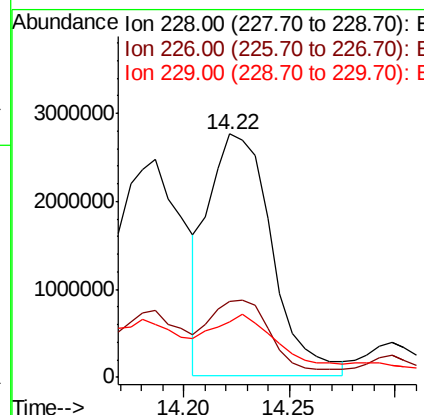
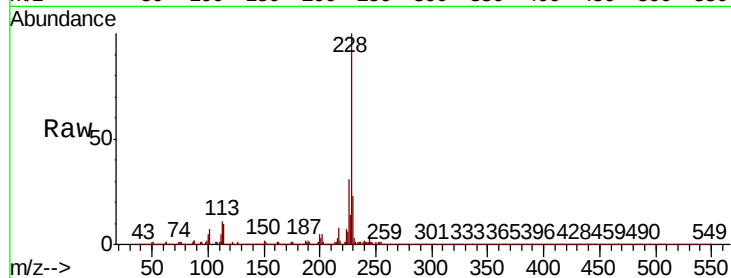
#85
Chrysene
Concen: 107.591 ng/ul
RT: 14.22 min Scan# 2063
Delta R.T. 0.04 min
Lab File: BP000222.D
Acq: 12 Sep 2019 18:32

Instrument :
BNA_P
ClientSampleId :
F2D38

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	22.8	16.0	24.0

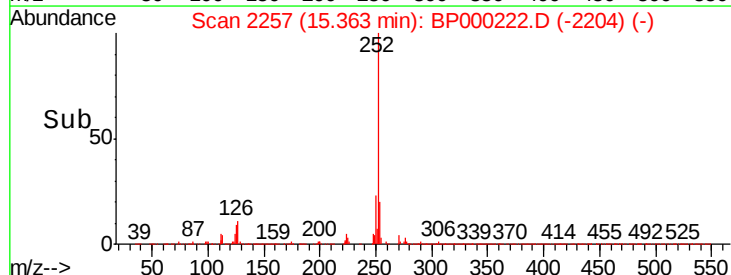
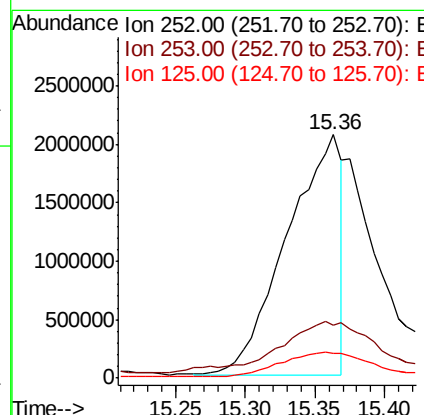
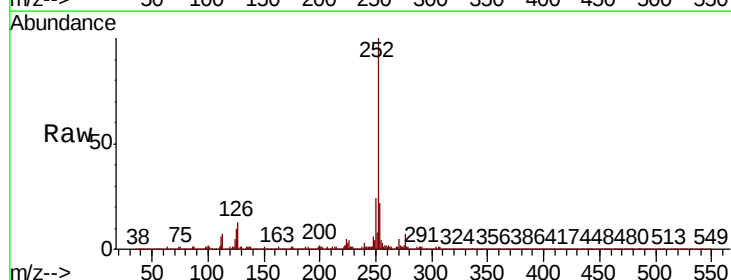
Manual Integrations
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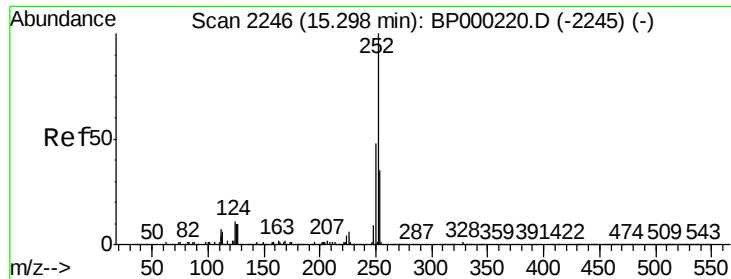
mohammad
9/16/2019 9:09:29 AM



#88
Benzo(b)fluoranthene
Concen: 90.116 ng/ul m
RT: 15.36 min Scan# 2257
Delta R.T. 0.11 min
Lab File: BP000222.D
Acq: 12 Sep 2019 18:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	10.0	9.9	14.9





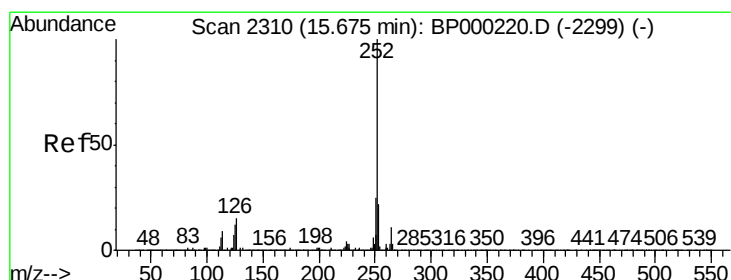
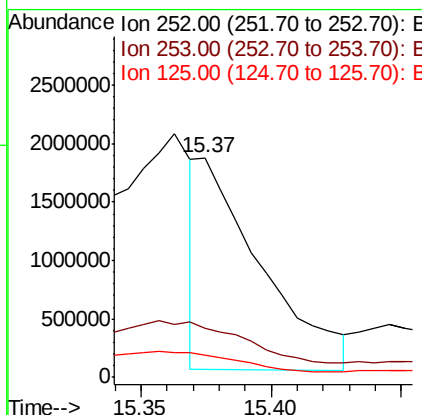
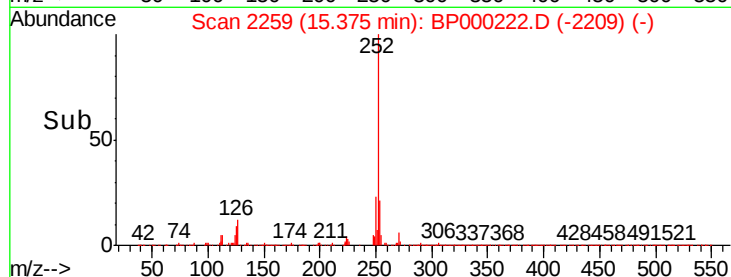
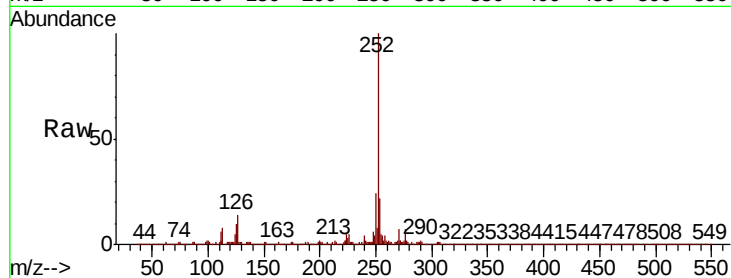
#89
Benzo(k)fluoranthene
Concen: 50.533 ng/ul m
RT: 15.37 min Scan# 2259
Delta R.T. 0.09 min
Lab File: BP000222.D
Acq: 12 Sep 2019 18:32

Instrument :
BNA_P
ClientSampleId :
F2D38

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	10.0	10.2	15.2

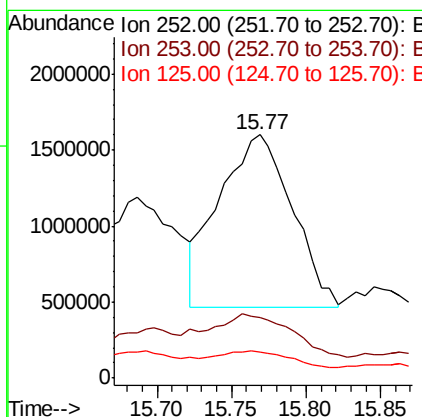
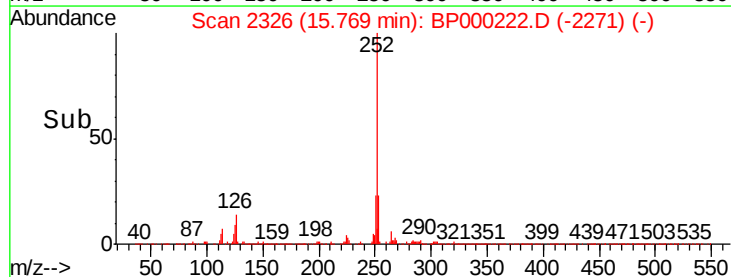
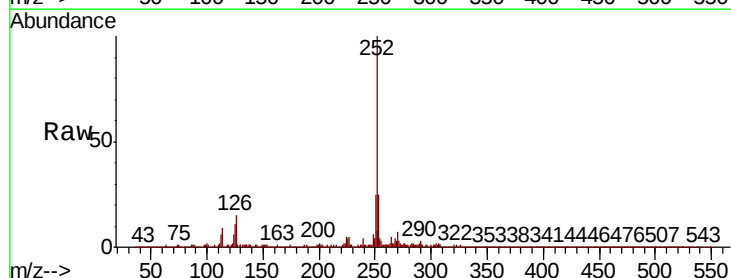
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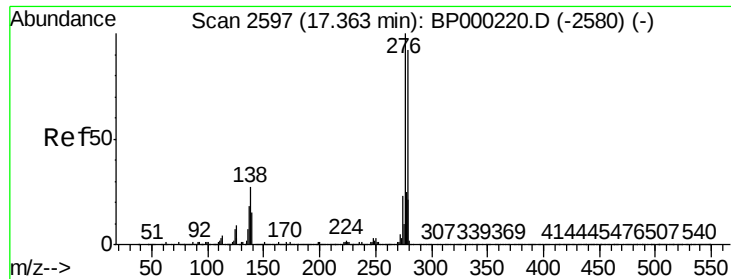
mohammad
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#91
Benzo(a)pyrene
Concen: 65.261 ng/ul m
RT: 15.77 min Scan# 2326
Delta R.T. 0.12 min
Lab File: BP000222.D
Acq: 12 Sep 2019 18:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.5	26.3
125	10.6	10.2	15.2





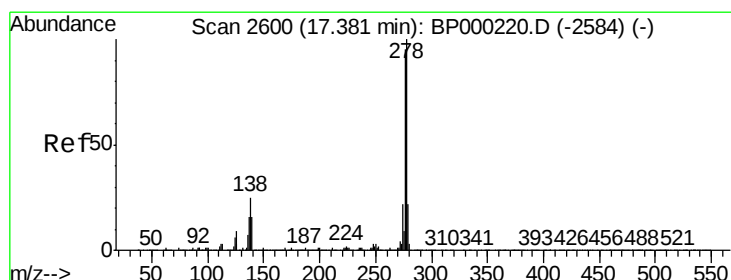
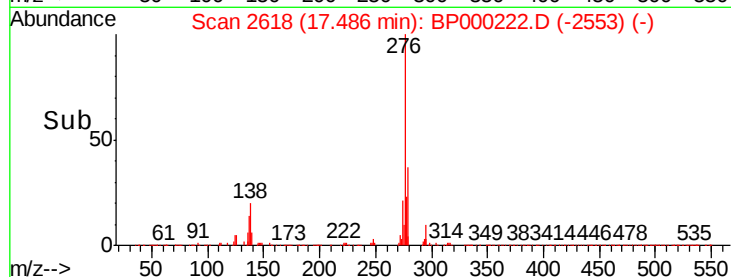
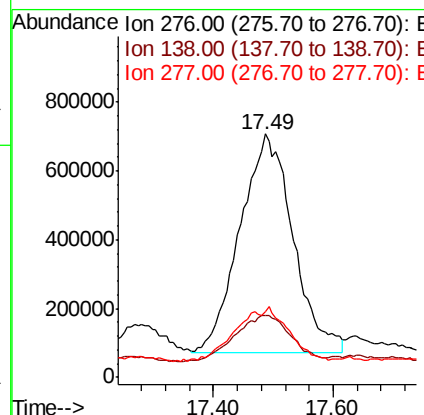
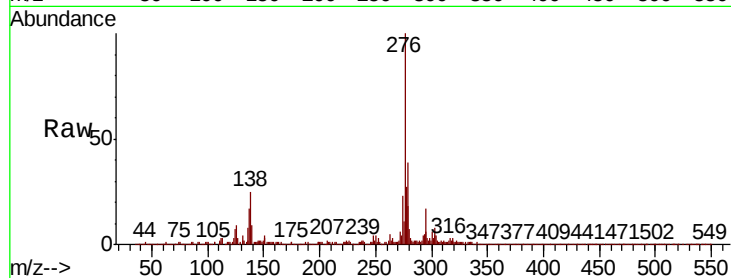
#92
Indeno(1,2,3-cd)pyrene
Concen: 57.105 ng/ul m
RT: 17.49 min Scan# 2618
Delta R.T. 0.18 min
Lab File: BP000222.D
Acq: 12 Sep 2019 18:32

Instrument :
BNA_P
ClientSampleId :
F2D38

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.0	30.0
277	27.0	19.4	29.0

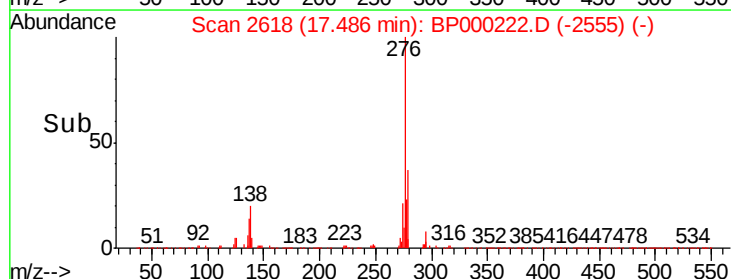
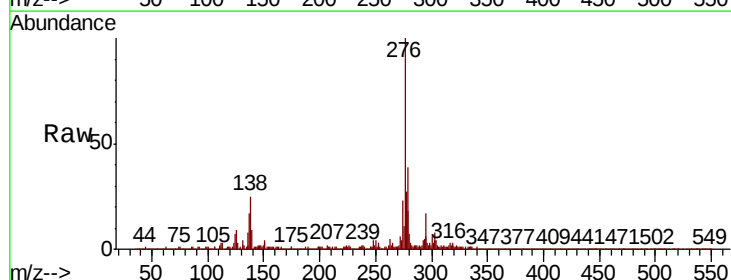
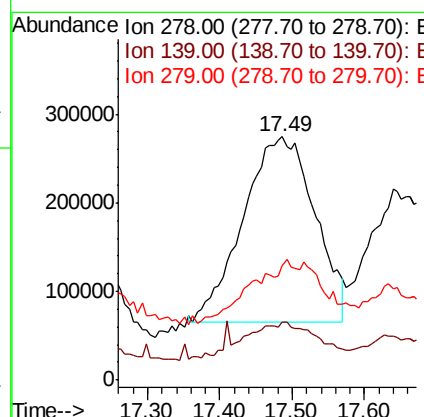
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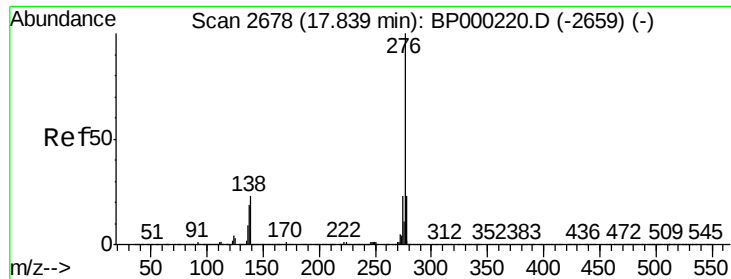
mohammad
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#93
Dibenzo(a,h)anthracene
Concen: 25.300 ng/ul m
RT: 17.49 min Scan# 2618
Delta R.T. 0.17 min
Lab File: BP000222.D
Acq: 12 Sep 2019 18:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.7	15.1	22.7#
279	47.0	19.2	28.8#





#94

Benzo(a,h,i)perylene

Concen: 80.115 ng/ul m

RT: 17.99 min Scan# 2703

Delta R.T. 0.22 min

Lab File: BP000222.D

Acq: 12 Sep 2019 18:32

Instrument :

BNA_P

ClientSampleId :

F2D38

Tot Ion:276 Resp: 4571010

Ion Ratio Lower Upper

276 100

138 25.5 20.0 30.0

277 25.5 19.1 28.7

Manual Integrations

APPROVED

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