

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
 Data File : BP000205.D
 Acq On : 11 Sep 2019 17:38
 Operator : HP/JU
 Sample : K4634-09
 Misc : GCMS CONFIRMATION
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F2D27

Manual Integrations
 APPROVED

mohammad
 9/12/2019 10:26:24 AM

Quant Time: Sep 12 02:47:38 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	284131	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1119167	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.96	164	622100	20.00	ng/ul	0.01
62) Phenanthrene-d10	11.47	188	1111762	20.00	ng/ul	0.02
78) Chrysene-d12	14.20	240	631527	20.00	ng/ul	0.06
86) Perylene-d12	15.76	264	966018	20.00	ng/ul	0.07

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

					Ovalue	
28) Naphthalene	8.20	128	840871	13.793	ng/ul	99
34) 2-Methylnaphthalene	8.90	142	278870	6.698	ng/ul	99
41) 1,1'-Biphenyl	9.37	154	85286	1.664	ng/ul	98
50) Acenaphthene	9.99	153	1453407	35.367	ng/ul	98
54) Dibenzofuran	10.16	168	966495	17.142	ng/ul	99
59) Fluorene	10.51	166	1021029	23.410	ng/ul	99
70) Phenanthrene	11.52	178	11926974m	181.408	ng/ul	
72) Anthracene	11.55	178	1744439	26.964	ng/ul	99
77) Fluoranthene	12.75	202	15805091	238.341	ng/ul	99
80) Pyrene	12.98	202	10856689	227.861	ng/ul#	91
83) Benzo(a)anthracene	14.20	228	9256211	202.479	ng/ul	95
85) Chrysene	14.25	228	7197029	171.566	ng/ul	93
88) Benzo(b)fluoranthene	15.32	252	6967454	108.823	ng/ul	98
91) Benzo(a)pyrene	15.68	252	130868	2.179	ng/ul#	60
92) Indeno(1,2,3-cd)pyrene	17.34	276	277588	4.017	ng/ul#	80
93) Dibenzo(a,h)anthracene	17.36	278	417180	7.288	ng/ul#	91

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

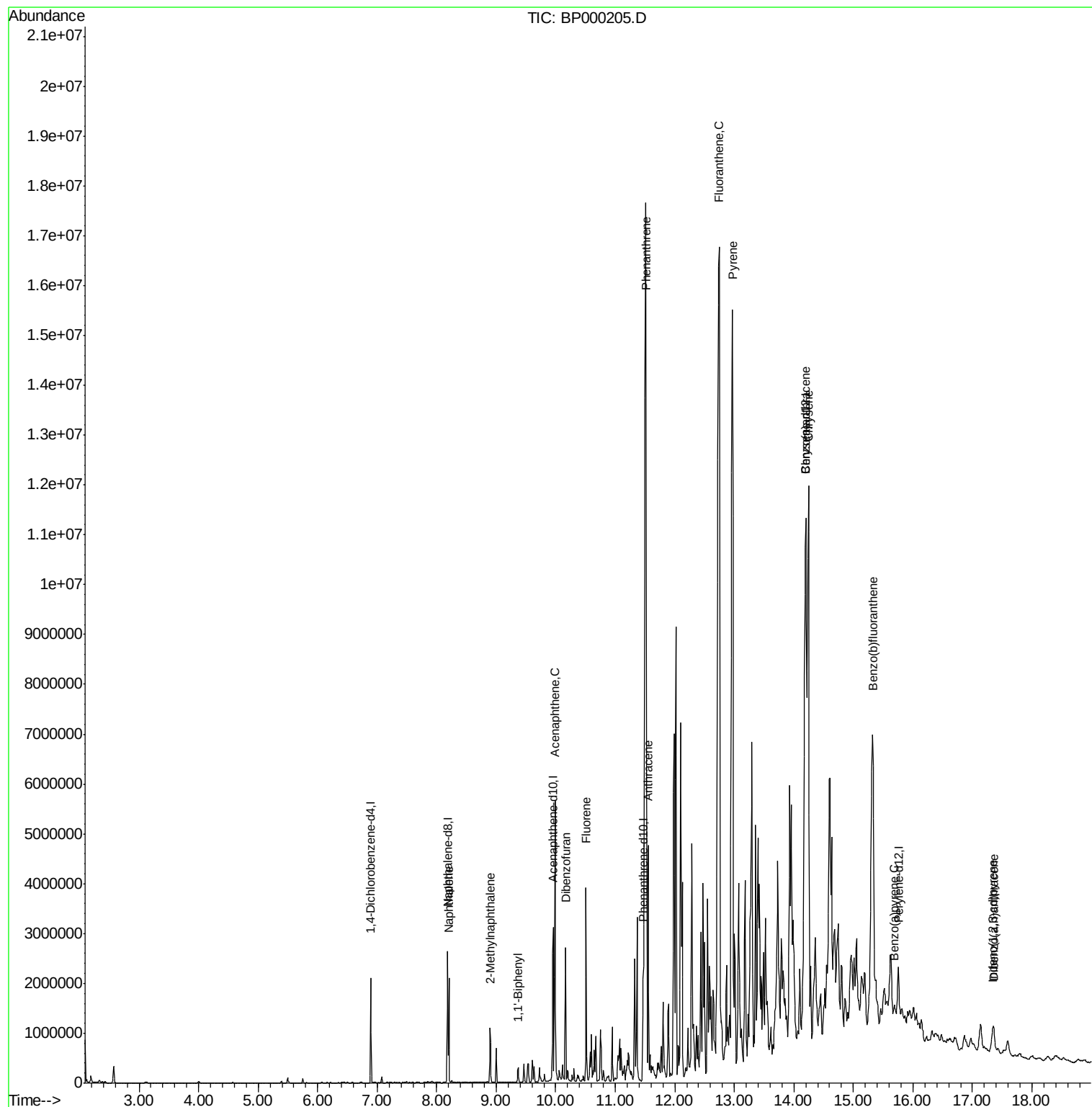
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000205.D
Acq On : 11 Sep 2019 17:38
Operator : HP/JU
Sample : K4634-09
Misc : GCMS CONFIRMATION
ALS Vial : 41 Sample Multiplier: 1

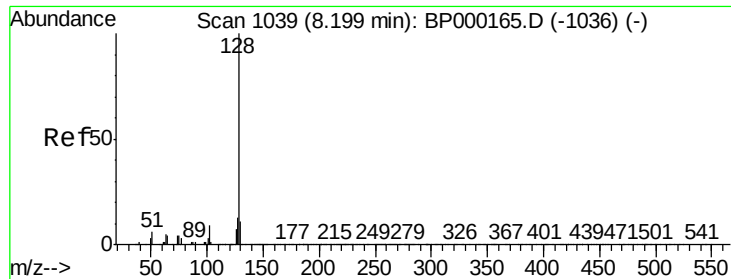
Instrument :
BNA_P
ClientSampleId :
F2D27

Manual Integrations
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Quant Time: Sep 12 02:47:38 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





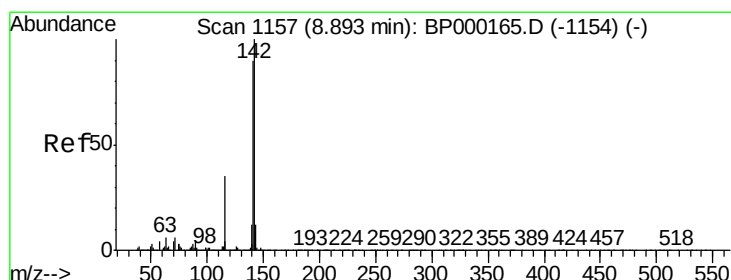
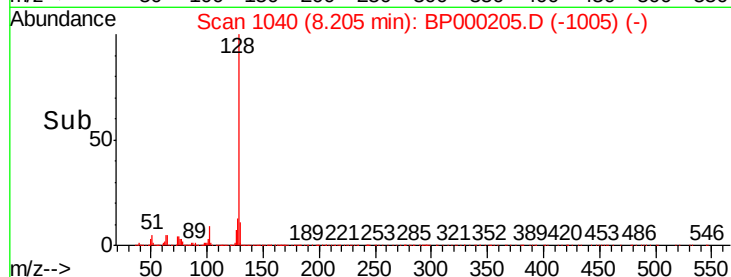
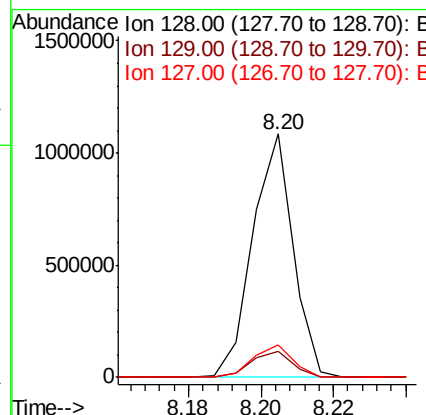
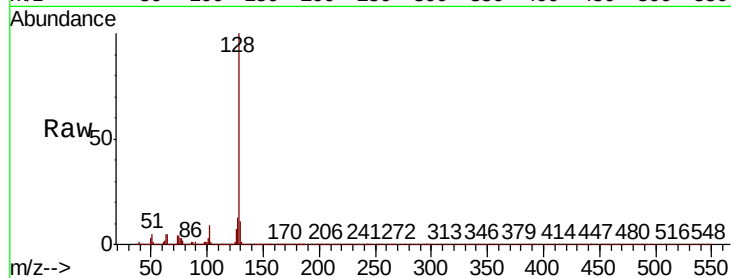
#28
Naphthalene
Concen: 13.793 ng/ul
RT: 8.20 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BP000205.D
Acq: 11 Sep 2019 17:38

Instrument :
BNA_P
ClientSampled :
F2D27

Tot Ion:	128	Resp:	840871
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.1	13.7
127	13.3	10.7	16.1

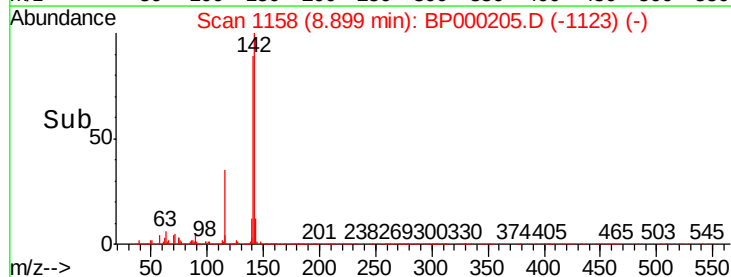
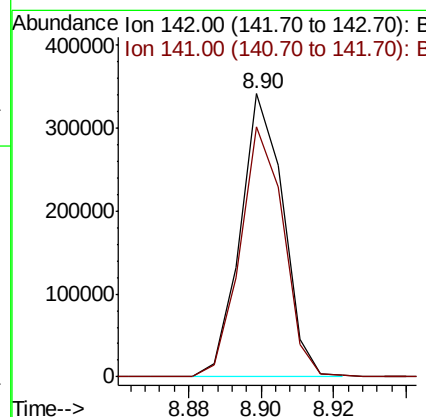
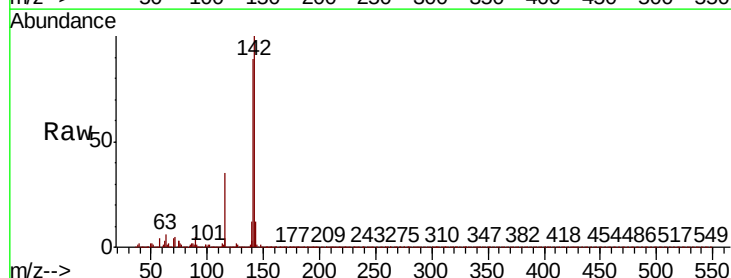
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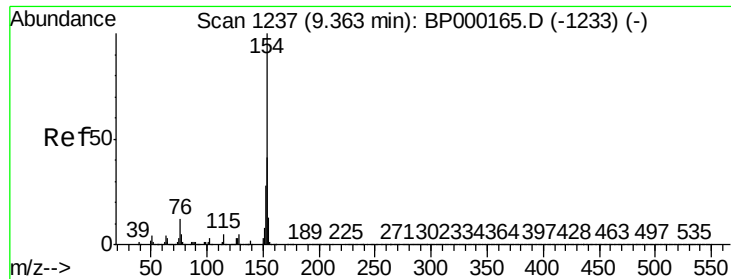
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#34
2-Methylnaphthalene
Concen: 6.698 ng/ul
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BP000205.D
Acq: 11 Sep 2019 17:38

Tgt Ion:	142	Resp:	278870
Ion Ratio	Lower	Upper	
142	100		
141	88.6	71.4	107.0





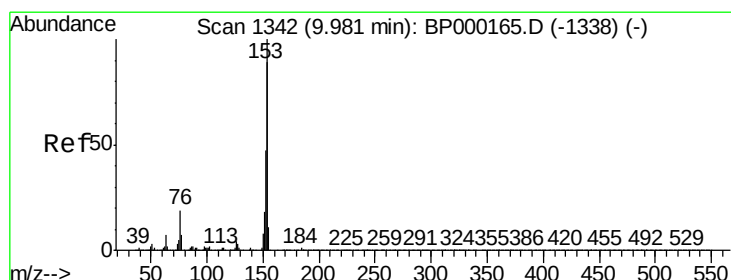
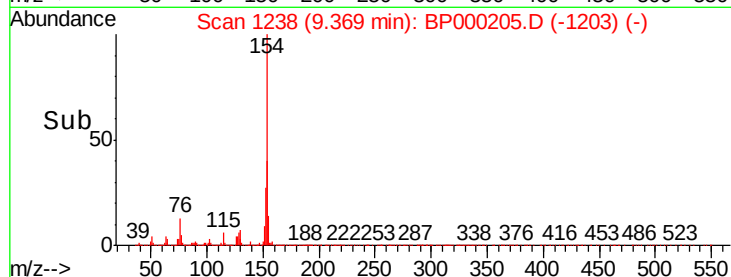
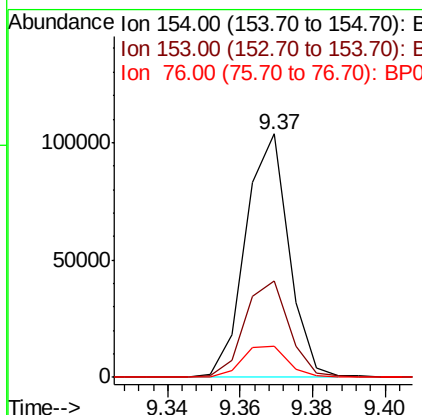
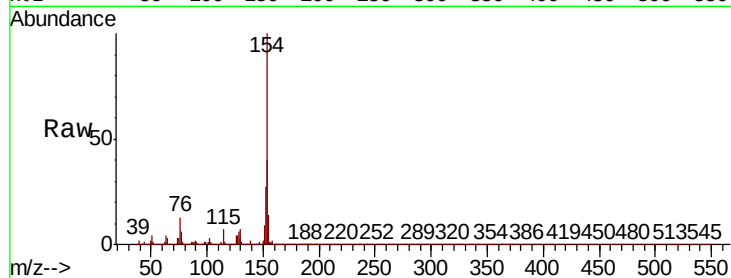
#41
1,1'-Biphenyl
Concen: 1.664 ng/ul
RT: 9.37 min Scan# 1238
Delta R.T. 0.01 min
Lab File: BP000205.D
Acq: 11 Sep 2019 17:38

Instrument :
BNA_P
ClientSampled :
F2D27

Tot Ion:	154	Resp:	85286
Ion Ratio	Lower	Upper	
154	100		
153	39.7	32.6	48.8
76	12.6	11.5	17.3

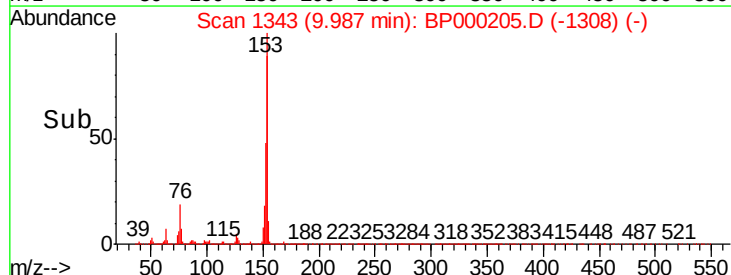
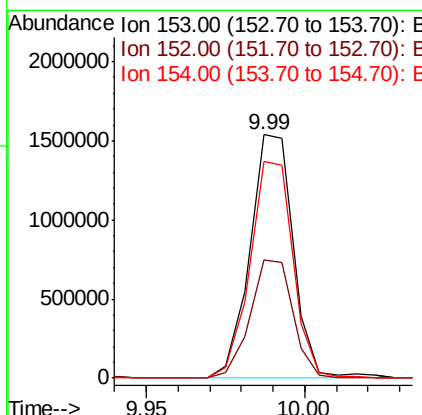
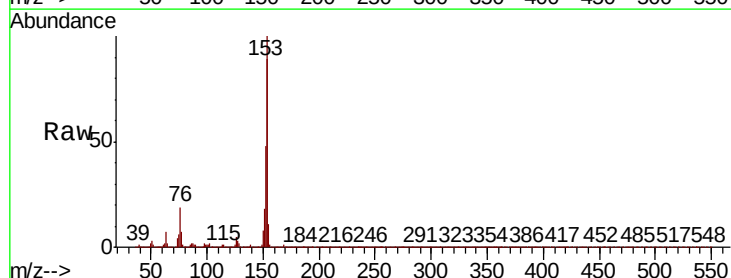
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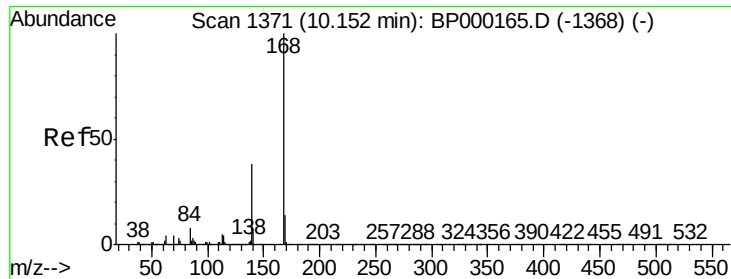
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#50
Acenaphthene
Concen: 35.367 ng/ul
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BP000205.D
Acq: 11 Sep 2019 17:38

Tgt Ion:	153	Resp:	1453407
Ion Ratio	Lower	Upper	
153	100		
152	48.4	38.0	57.0
154	88.9	72.6	108.8





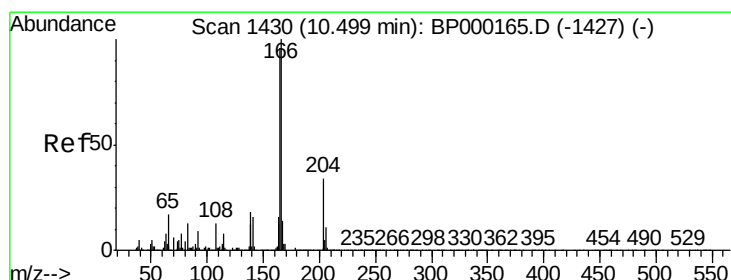
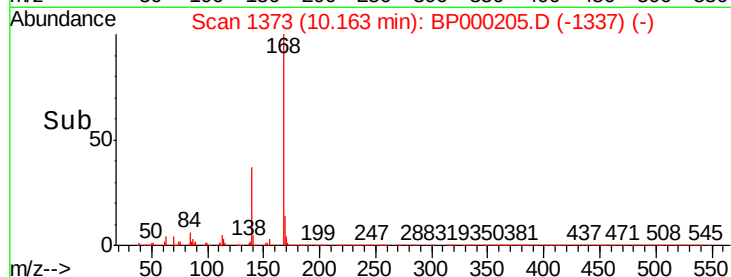
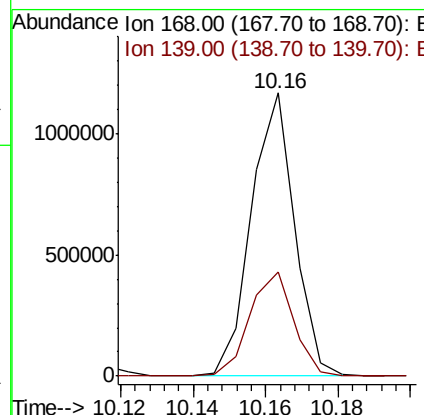
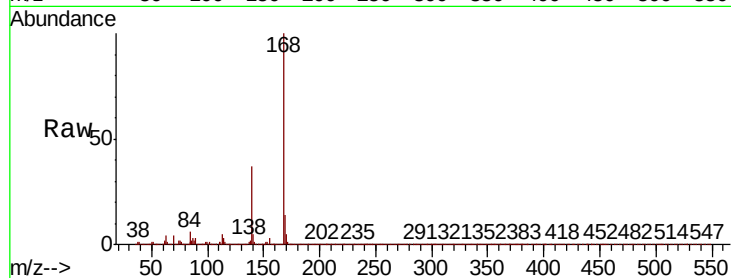
#54
Dibenzofuran
Concen: 17.142 ng/ul
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BP000205.D
Acq: 11 Sep 2019 17:38

Instrument :
BNA_P
ClientSampled :
F2D27

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.0	45.0

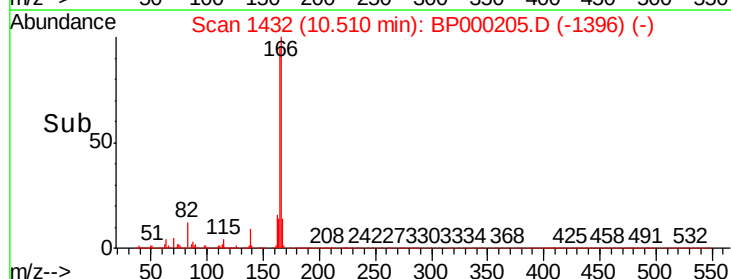
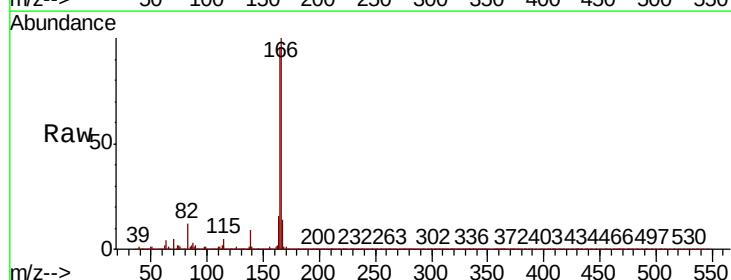
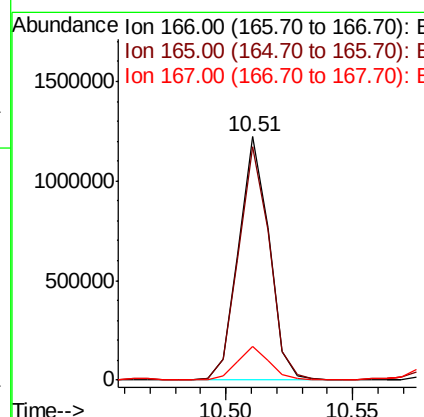
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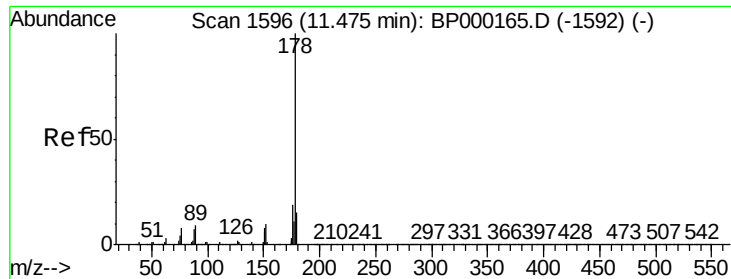
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#59
Fluorene
Concen: 23.410 ng/ul
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BP000205.D
Acq: 11 Sep 2019 17:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.0	77.8	116.8
167	13.8	10.9	16.3





#70

Phenanthrene

Concen: 181.408 ng/ul m

RT: 11.52 min Scan# 1603

Delta R.T. 0.04 min

Lab File: BP000205.D

Acq: 11 Sep 2019 17:38

Instrument :

BNA_P

ClientSampleId :

F2D27

Tot Ion:178 Resp:11926974

Ion Ratio Lower Upper

178 100

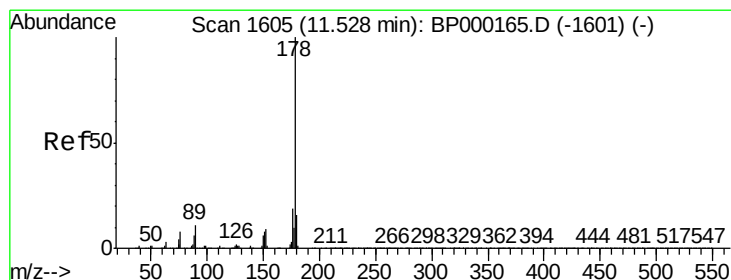
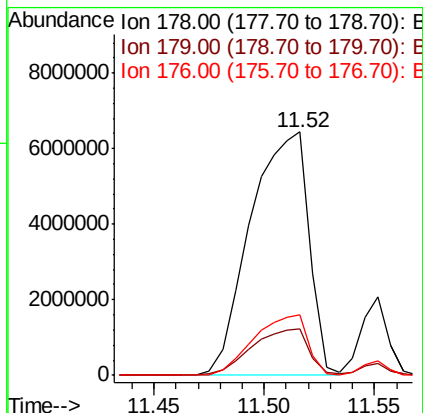
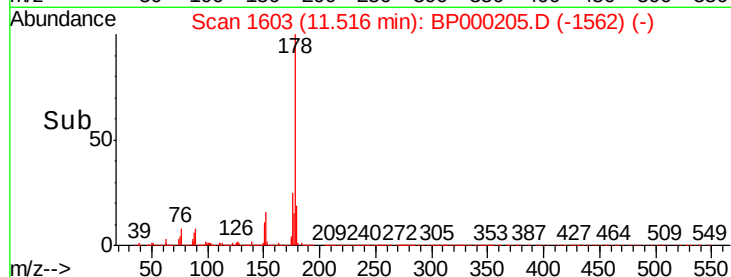
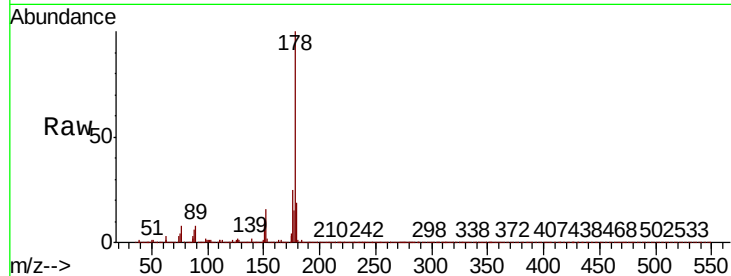
179 19.2 12.5 18.7#

176 25.0 15.7 23.5#

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#72

Anthracene

Concen: 26.964 ng/ul

RT: 11.55 min Scan# 1609

Delta R.T. 0.02 min

Lab File: BP000205.D

Acq: 11 Sep 2019 17:38

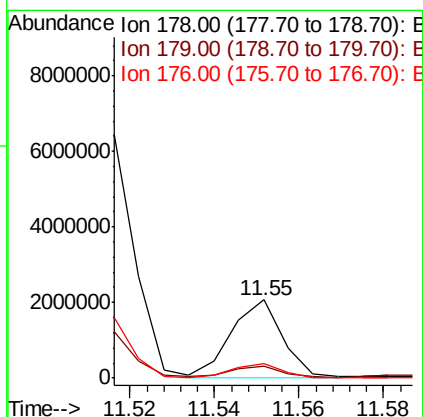
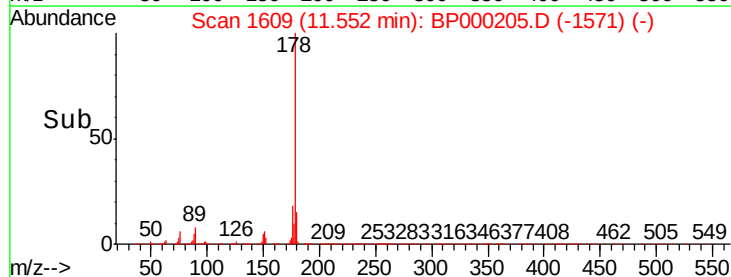
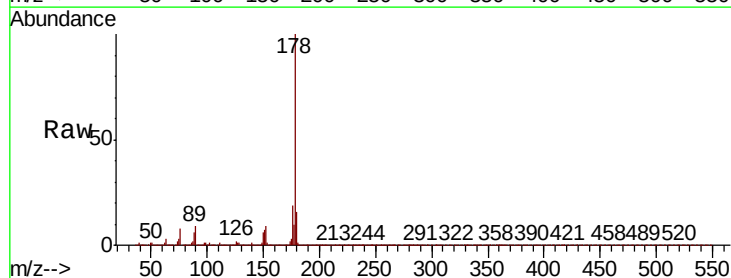
Tgt Ion:178 Resp: 1744439

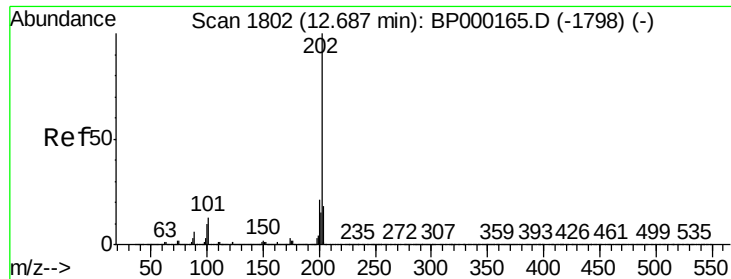
Ion Ratio Lower Upper

178 100

179 15.9 12.3 18.5

176 18.7 15.1 22.7





#77

Fluoranthene

Concen: 238.341 ng/ul

RT: 12.75 min Scan# 1812

Delta R.T. 0.06 min

Lab File: BP000205.D

Acq: 11 Sep 2019 17:38

Instrument :

BNA_P

ClientSampleId :

F2D27

Tot Ion:202 Resp:15805091

Ion Ratio Lower Upper

202 100

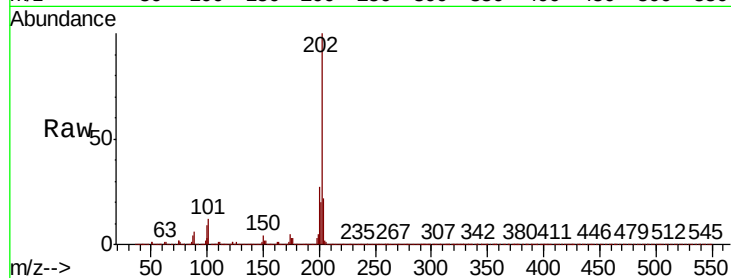
101 11.7 10.0 15.0

100 9.1 7.4 11.2

Manual Integrations
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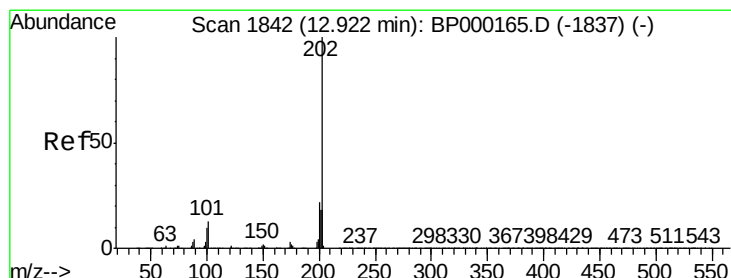
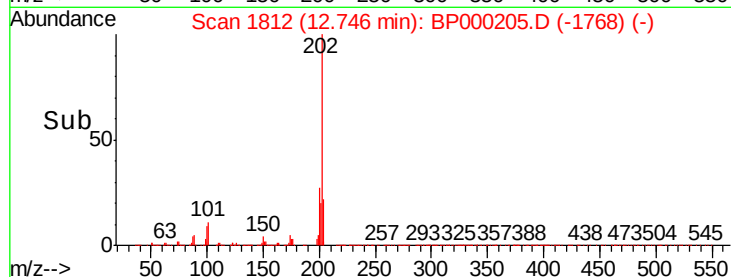
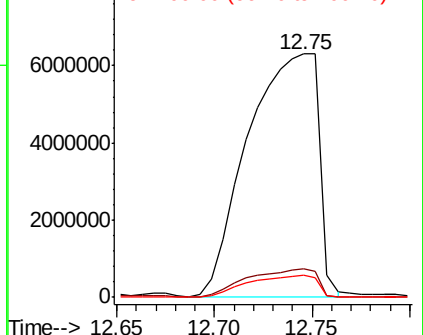


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BF



#80

Pyrene

Concen: 227.861 ng/ul

RT: 12.98 min Scan# 1851

Delta R.T. 0.06 min

Lab File: BP000205.D

Acq: 11 Sep 2019 17:38

Tgt Ion:202 Resp:10856689

Ion Ratio Lower Upper

202 100

101 12.7 13.4 20.0#

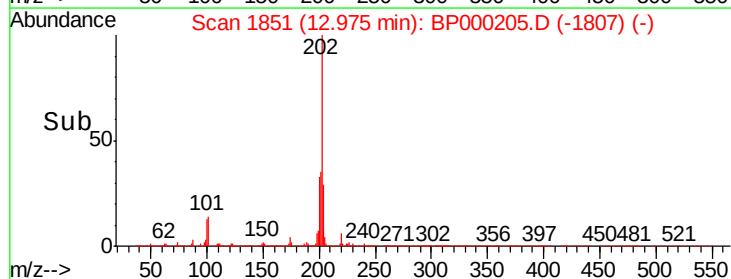
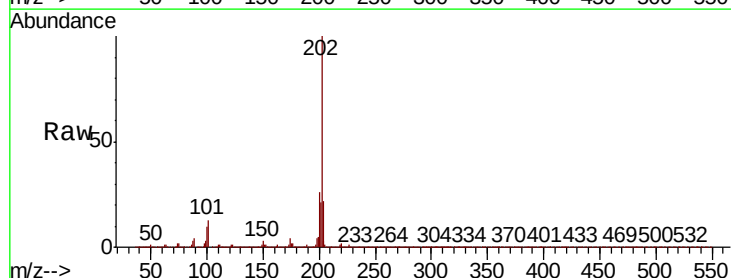
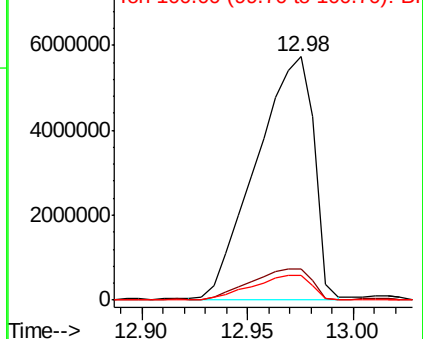
100 10.1 10.8 16.2#

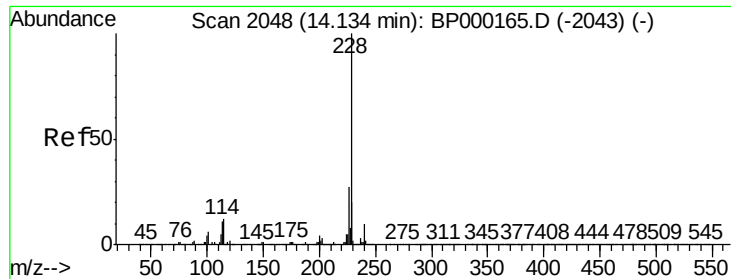
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BF





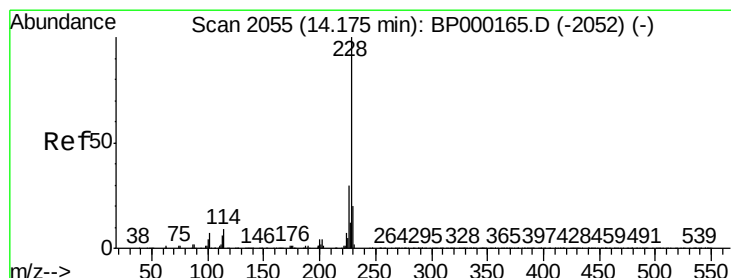
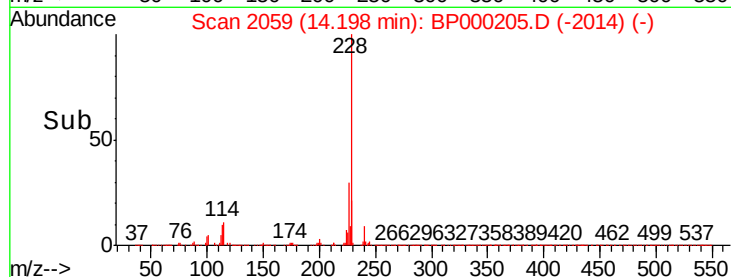
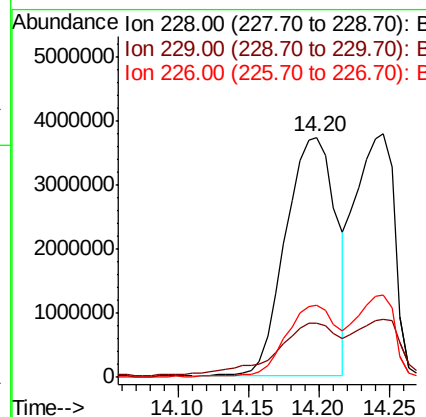
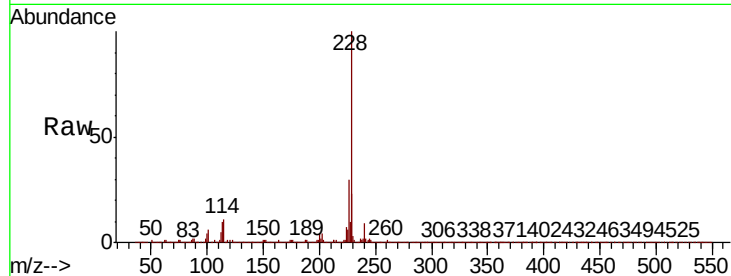
#83
Benzo(a)anthracene
Concen: 202.479 ng/ul
RT: 14.20 min Scan# 2059
Delta R.T. 0.07 min
Lab File: BP000205.D
Acq: 11 Sep 2019 17:38

Instrument :
BNA_P
ClientSampled :
F2D27

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.9	23.9
226	30.0	22.1	33.1

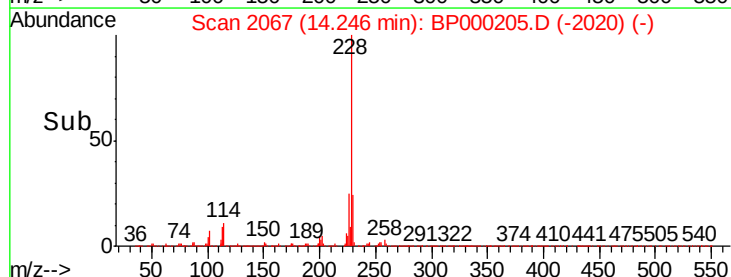
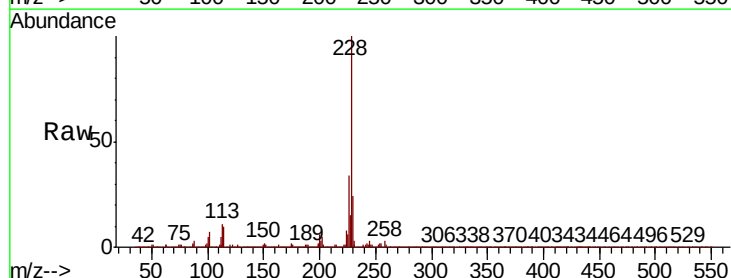
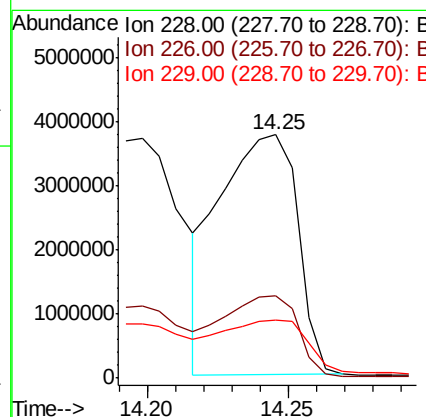
Manual Integrations
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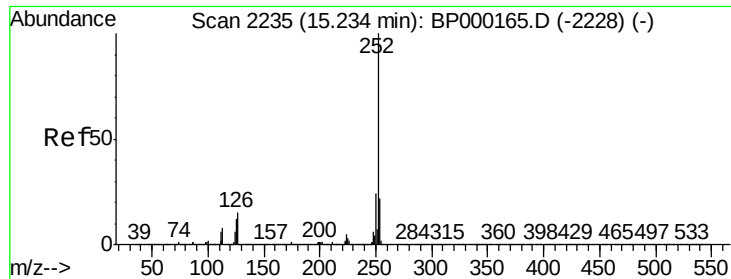
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9/12/2019 10:26:24 AM



#85
Chrysene
Concen: 171.566 ng/ul
RT: 14.25 min Scan# 2067
Delta R.T. 0.08 min
Lab File: BP000205.D
Acq: 11 Sep 2019 17:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.1	24.4	36.6
229	23.8	16.0	24.0





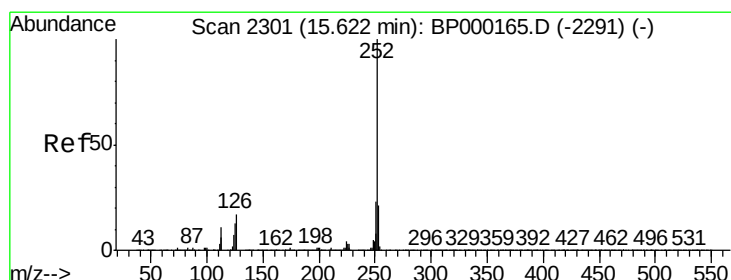
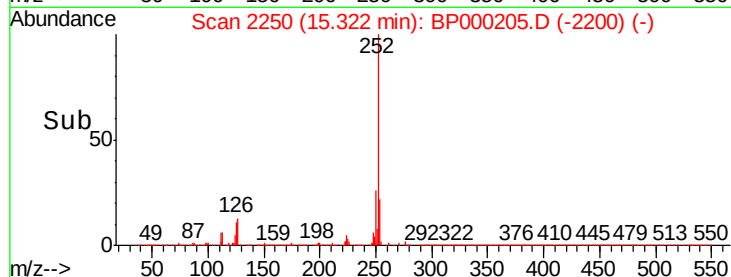
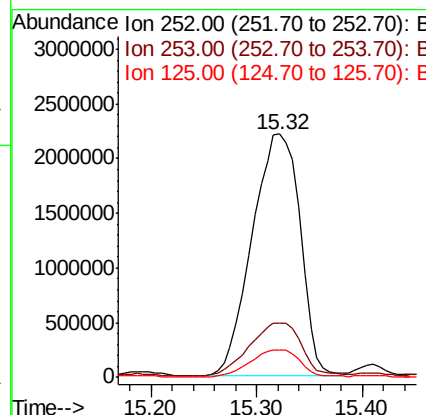
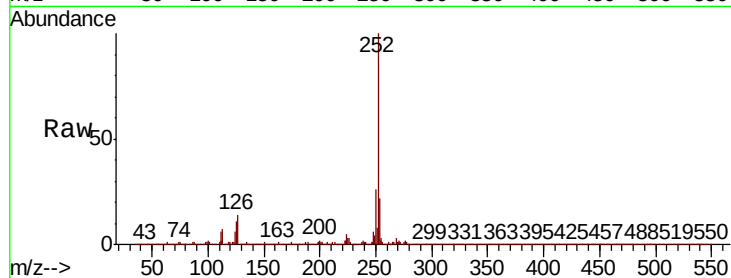
#88
Benzo(b)fluoranthene
Concen: 108.823 ng/ul
RT: 15.32 min Scan# 2250
Delta R.T. 0.09 min
Lab File: BP000205.D
Acq: 11 Sep 2019 17:38

Instrument :
BNA_P
ClientSampleId :
F2D27

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	11.3	9.9	14.9

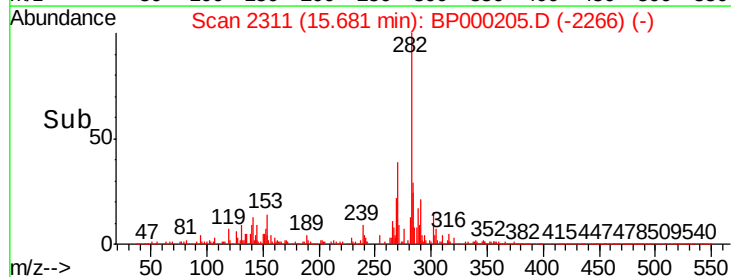
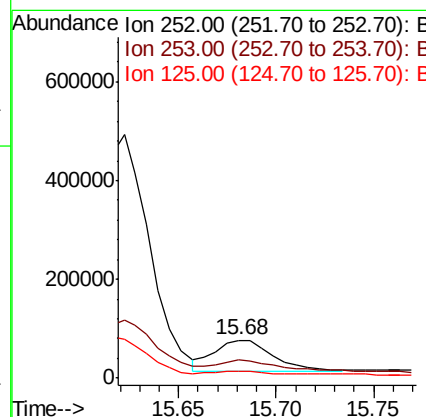
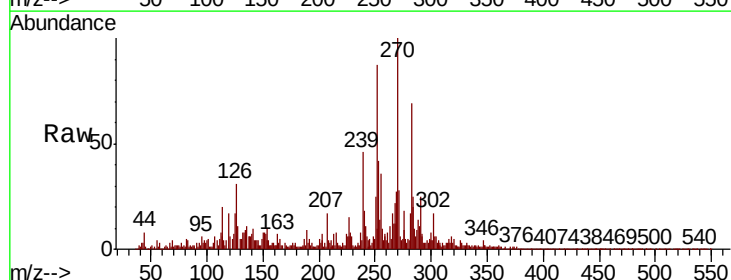
Manual Integrations
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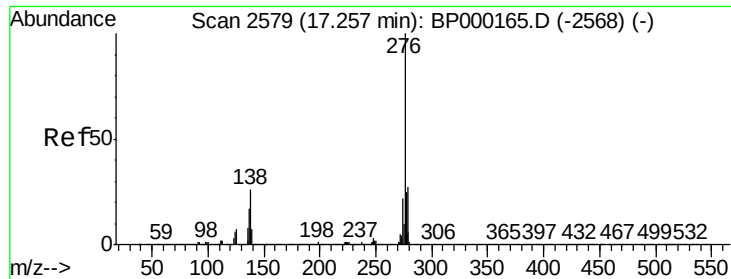
mohammad
9/12/2019 10:26:24 AM



#91
Benzo(a)pyrene
Concen: 2.179 ng/ul
RT: 15.68 min Scan# 2311
Delta R.T. 0.07 min
Lab File: BP000205.D
Acq: 11 Sep 2019 17:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	47.8	17.5	26.3#
125	18.9	10.2	15.2#





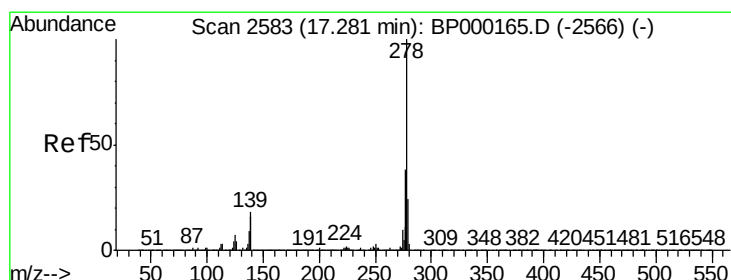
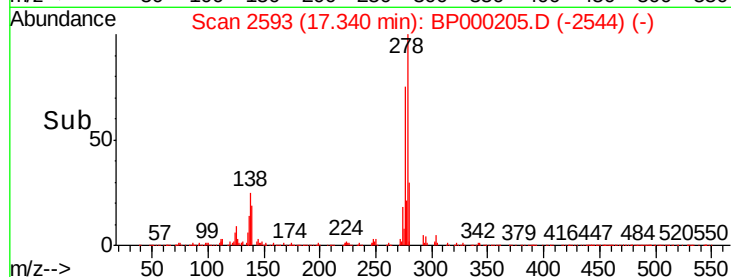
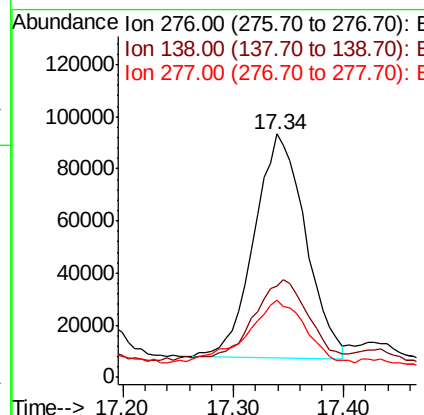
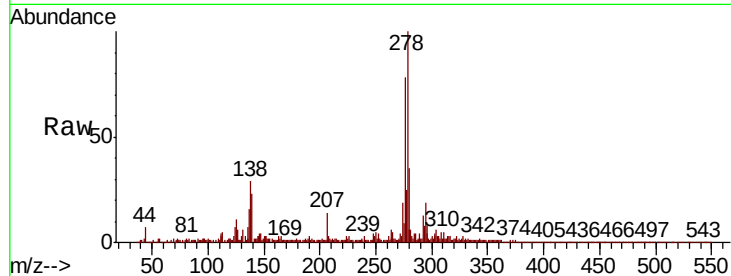
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 4.017 ng/ul
 RT: 17.34 min Scan# 2593
 Delta R.T. 0.09 min
 Lab File: BP000205.D
 Acq: 11 Sep 2019 17:38

Instrument :
 BNA_P
 ClientSampleId :
 F2D27

Tot Ion	Ratio	Resp	Lower	Upper
276	100	277588		
138	37.4	20.0	30.0#	
277	31.5	19.4	29.0#	

Manual Integrations
 APPROVED

mohammad
 9/12/2019 10:26:24 AM



#93
 Dibenzo(a,h)anthracene
 Concen: 7.288 ng/ul
 RT: 17.36 min Scan# 2596
 Delta R.T. 0.08 min
 Lab File: BP000205.D
 Acq: 11 Sep 2019 17:38

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	417180		
139	19.5	15.1	22.7	
279	31.4	19.2	28.8#	

