

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
 Data File : BP002184.D
 Acq On : 12 Mar 2020 15:21
 Operator : CG/JU
 Sample : L1786-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AC9

Manual Integrations
 APPROVED

mohammad
 3/13/2020 8:57:21 AM

Quant Time: Mar 13 02:10:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 12 13:49:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	321003	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1362917	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	849272	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1791539	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	1719598	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	2063440	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	12485	1.67	ng/uL	0.00
5) Phenol-d5	6.81	99	218381	8.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	145643	11.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	198633	9.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	182296	9.06	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	91965	8.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	96485	8.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	193183	8.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	237133	9.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	656251	10.21	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	705172	9.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	49595	4.04	ng/ul	0.00
58) Fluorene-d10	15.26	176	579925	10.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	46925	4.75	ng/ul	0.00
71) Anthracene-d10	17.12	188	815014	10.12	ng/ul	0.00
79) Pyrene-d10	19.36	212	944097	10.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	1025365	9.71	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.45	128	89288	1.223	ng/ul	97
45) Dimethylphthalate	13.72	163	108394	1.634	ng/ul	99
48) Acenaphthylene	13.98	152	85698	1.051	ng/ul	99
50) Acenaphthene	14.33	153	92785	1.693	ng/ul	98
54) Dibenzofuran	14.66	168	99831	1.290	ng/ul	96
59) Fluorene	15.32	166	147959	2.392	ng/ul	99
70) Phenanthrene	17.06	178	1834971	18.592	ng/ul	99
72) Anthracene	17.15	178	577689	5.912	ng/ul	99
75) Carbazole	17.42	167	192418	2.338	ng/ul	98
77) Fluoranthene	19.04	202	3710447	32.589	ng/ul	99
80) Pyrene	19.39	202	2990704	25.544	ng/ul	99
83) Benzo(a)anthracene	21.10	228	1874142	16.109	ng/ul	97
85) Chrysene	21.15	228	1717103	15.471	ng/ul	97
88) Benzo(b)fluoranthene	22.66	252	2377161	18.370	ng/ul	97
89) Benzo(k)fluoranthene	22.70	252	786410m	6.208	ng/ul	
91) Benzo(a)pyrene	23.22	252	1625589	13.838	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.53	276	1067119	7.009	ng/ul	97
93) Dibenzo(a,h)anthracene	25.53	278	297889	2.366	ng/ul#	90
94) Benzo(g,h,i)perylene	26.21	276	769016	5.983	ng/ul	95

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

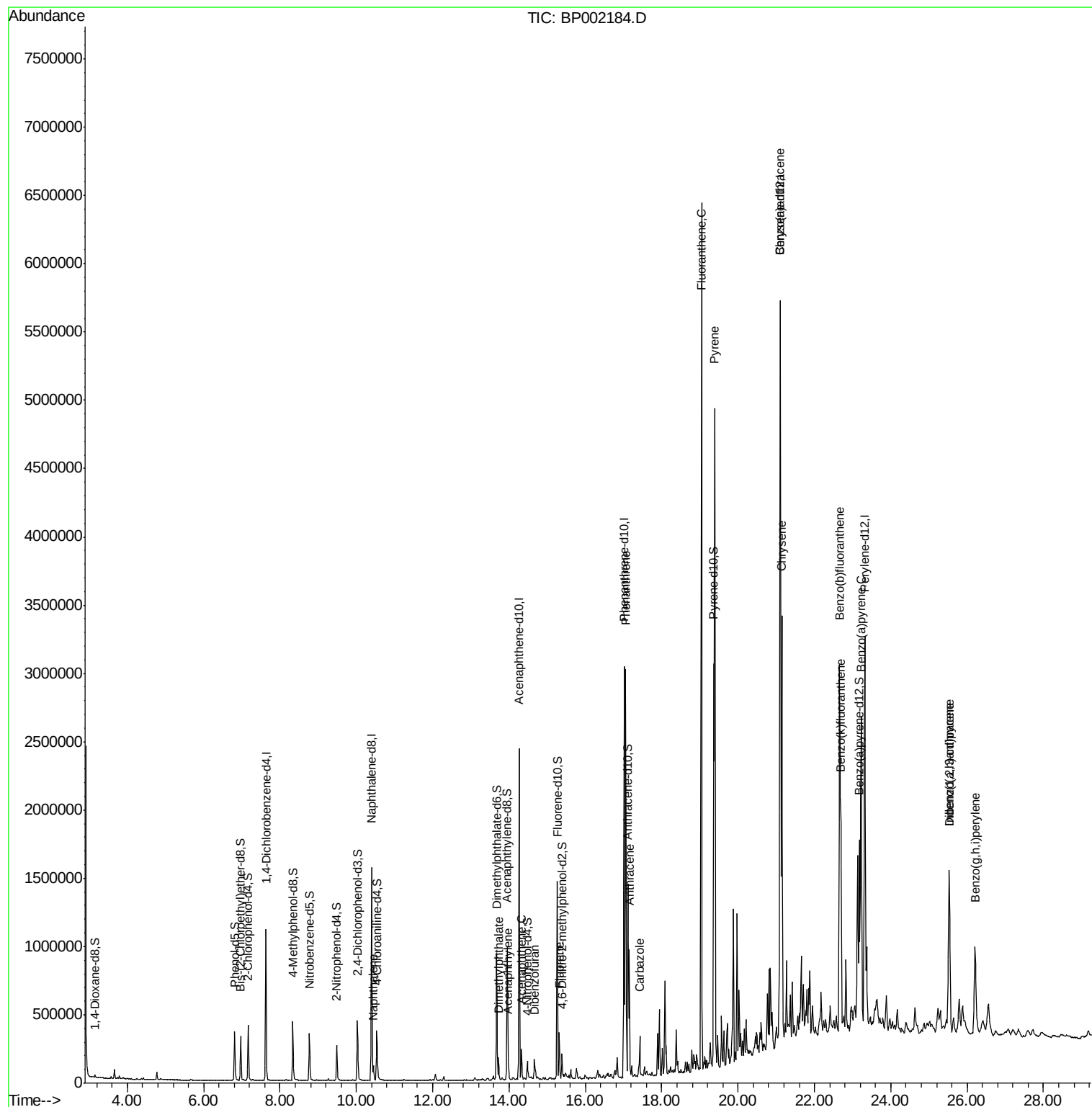
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002184.D
Acq On : 12 Mar 2020 15:21
Operator : CG/JU
Sample : L1786-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

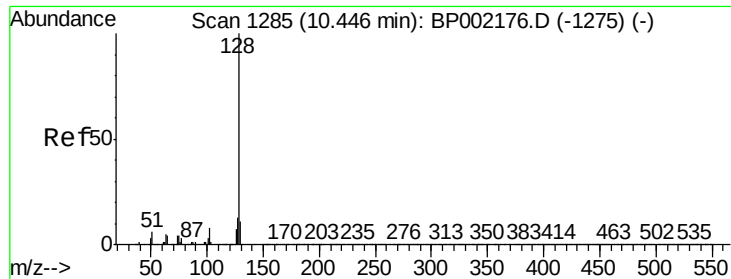
Instrument :
BNA_P
ClientSampleId :
C0AC9

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Quant Time: Mar 13 02:10:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
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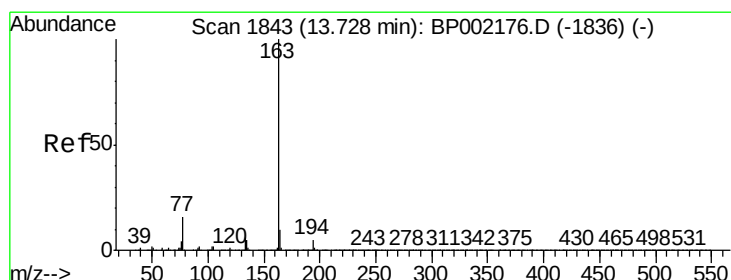
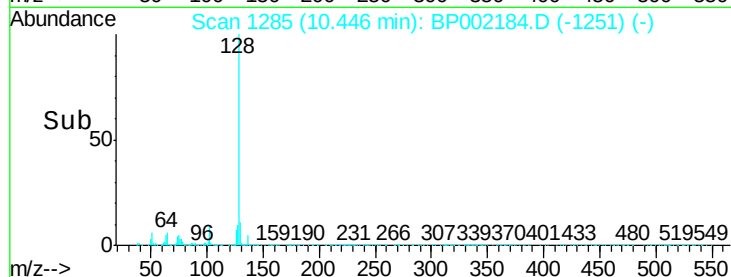
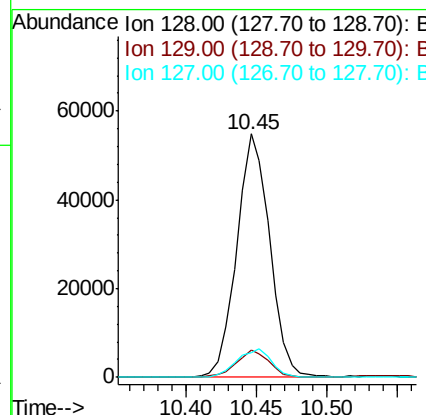
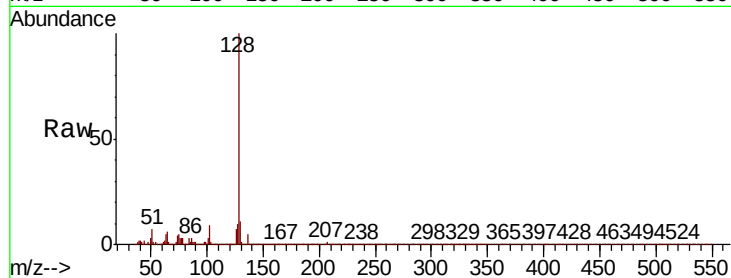
#28
Naphthalene
Concen: 1.223 ng/ul
RT: 10.45 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BP002184.D
Acq: 12 Mar 2020 15:21

Instrument :
BNA_P
ClientSampleId :
C0AC9

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	8.8	13.2	
127	10.3	10.2	15.2	

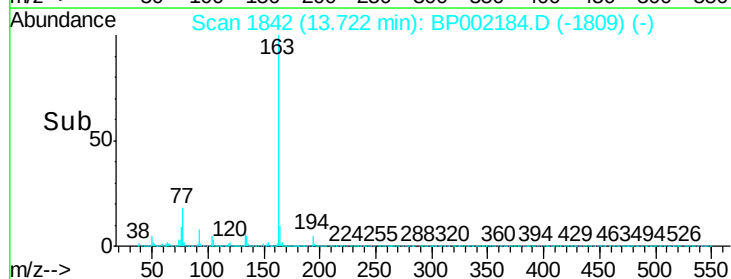
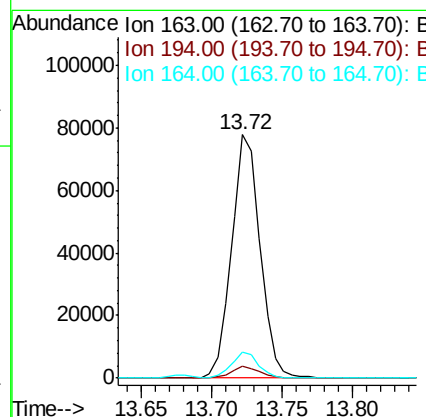
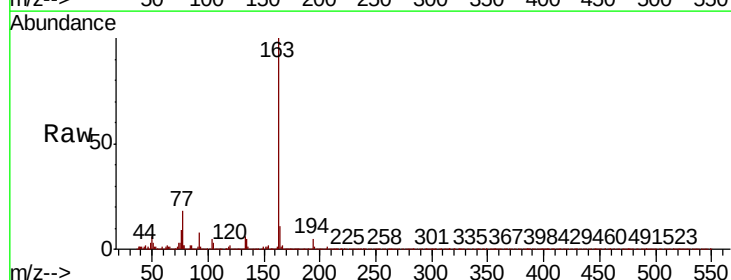
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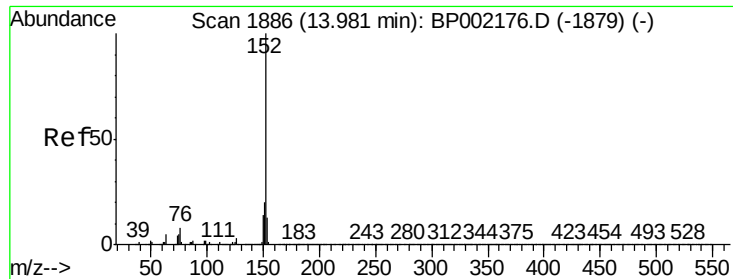
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#45
Dimethylphthalate
Concen: 1.634 ng/ul
RT: 13.72 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BP002184.D
Acq: 12 Mar 2020 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.9	3.6	5.4	
164	10.5	8.2	12.4	





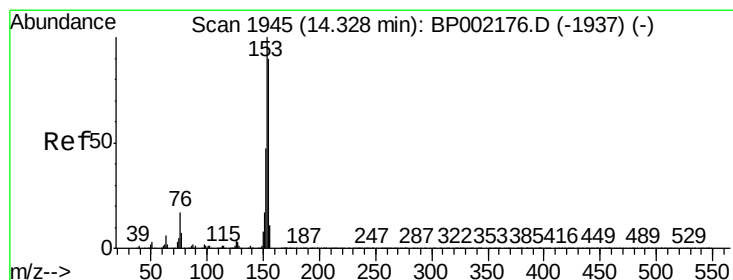
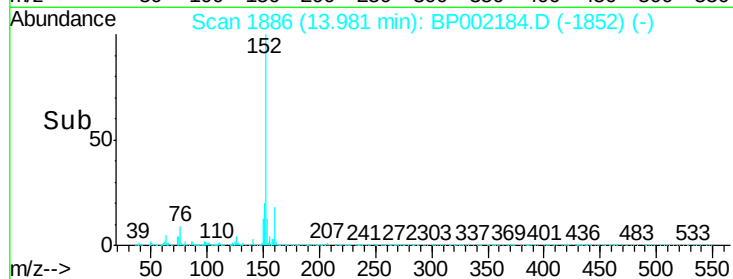
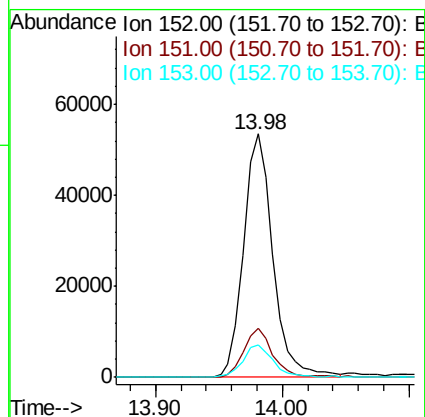
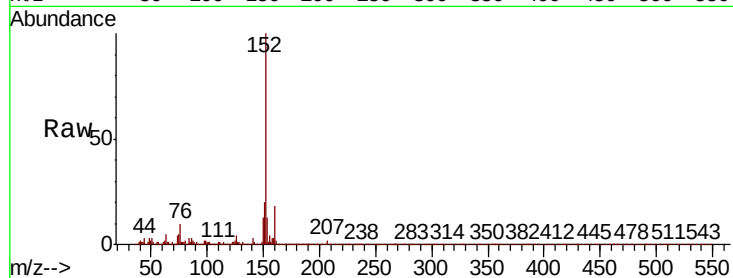
#48
Acenaphthylene
Concen: 1.051 ng/ul
RT: 13.98 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BP002184.D
Acq: 12 Mar 2020 15:21

Instrument :
BNA_P
ClientSampleId :
C0AC9

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.3	10.6	15.8

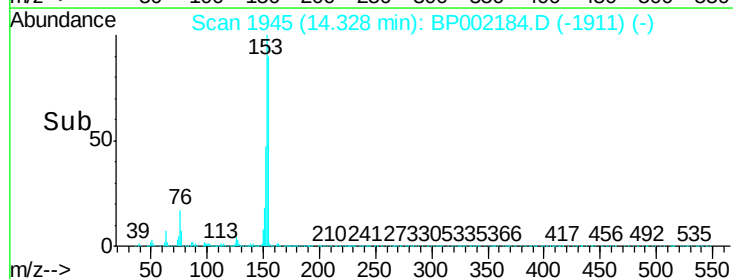
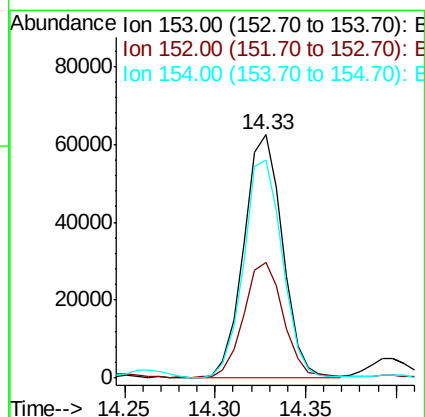
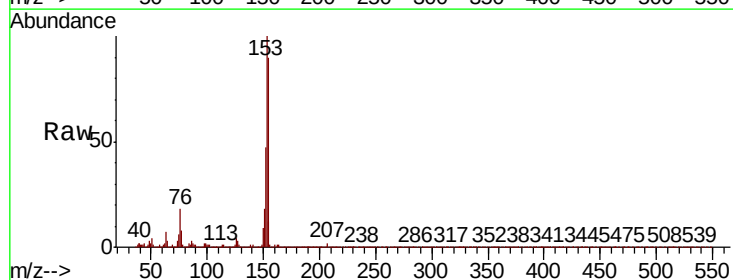
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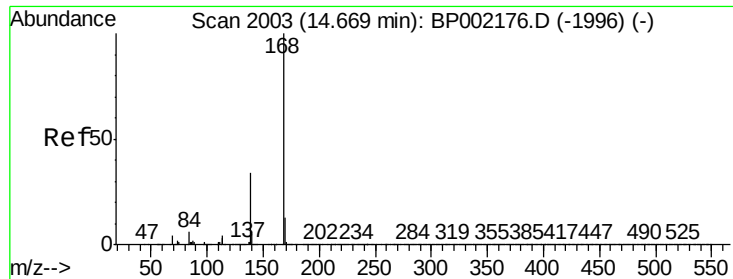
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#50
Acenaphthene
Concen: 1.693 ng/ul
RT: 14.33 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BP002184.D
Acq: 12 Mar 2020 15:21

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.4	37.1	55.7
154	89.5	70.5	105.7





#54

Dibenzofuran

Concen: 1.290 ng/ul

RT: 14.66 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BP002184.D

Acq: 12 Mar 2020 15:21

Instrument :

BNA_P

ClientSampleId :

C0AC9

Tot Ion:168 Resp: 99831

Ion Ratio Lower Upper

168 100

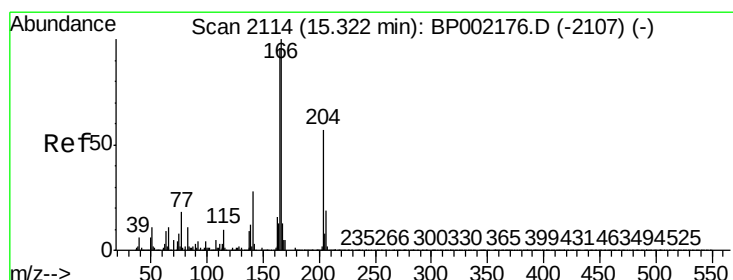
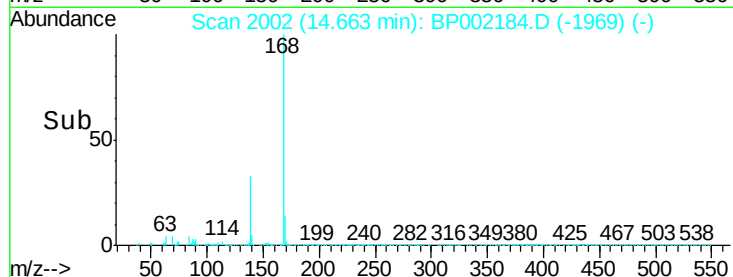
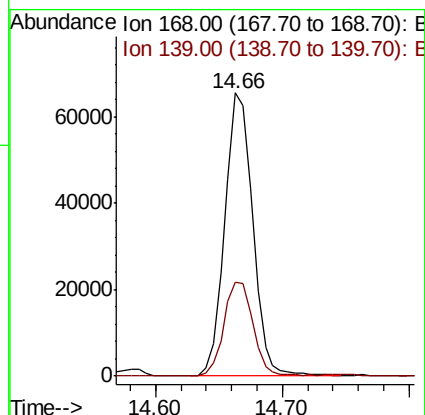
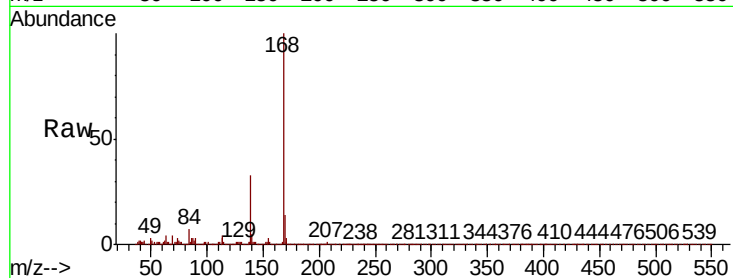
139 33.3 28.3 42.5

Manual Integrations

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#59

Fluorene

Concen: 2.392 ng/ul

RT: 15.32 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BP002184.D

Acq: 12 Mar 2020 15:21

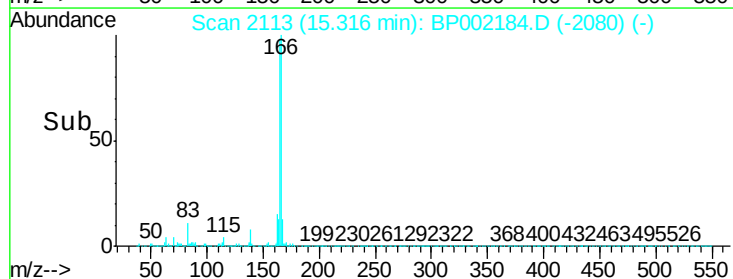
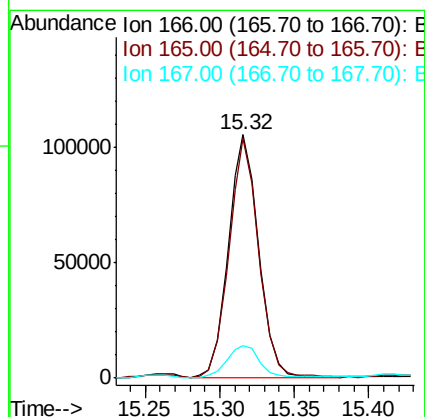
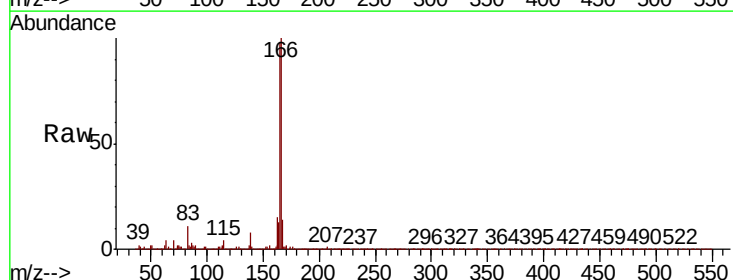
Tgt Ion:166 Resp: 147959

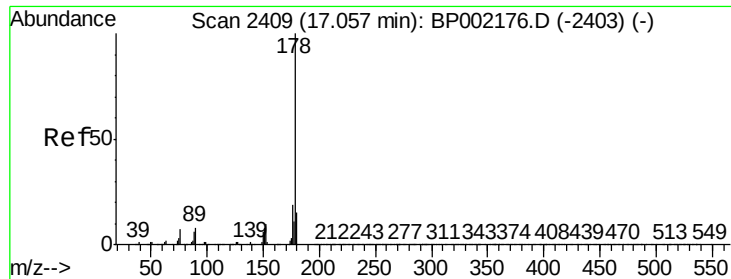
Ion Ratio Lower Upper

166 100

165 98.2 78.1 117.1

167 13.6 10.7 16.1





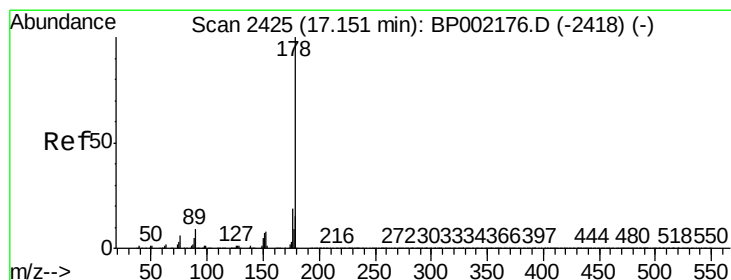
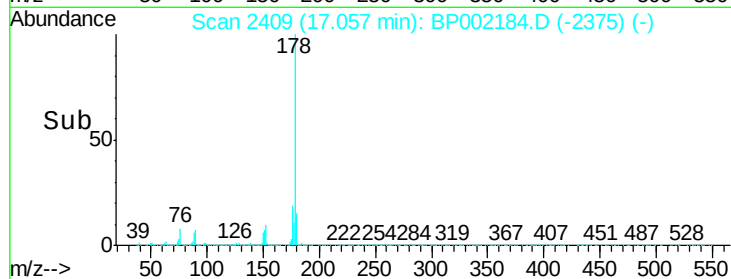
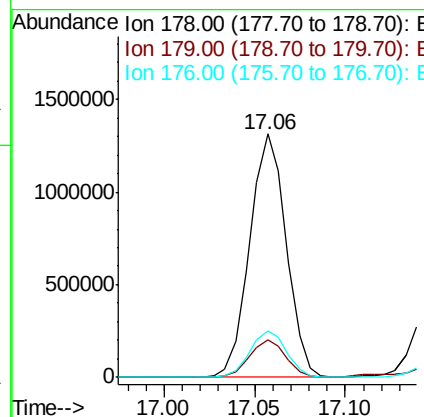
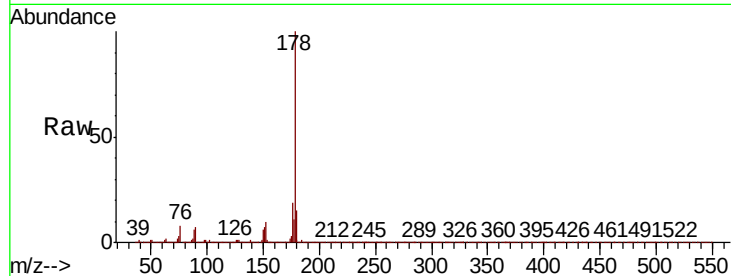
#70
Phenanthrene
Concen: 18.592 ng/ul
RT: 17.06 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BP002184.D
Acq: 12 Mar 2020 15:21

Instrument :
BNA_P
ClientSampleId :
C0AC9

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	19.3	14.9	22.3

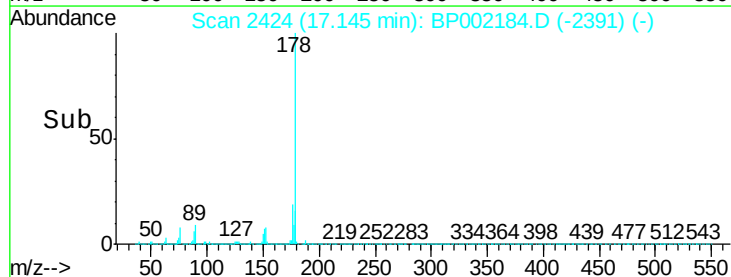
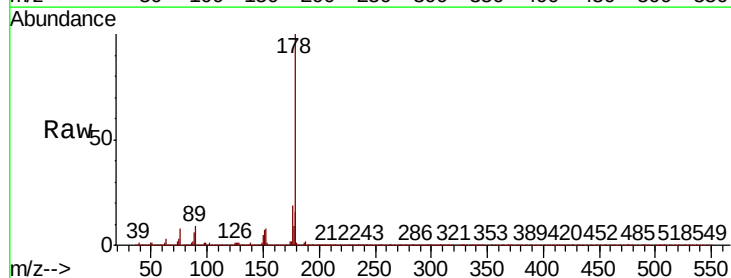
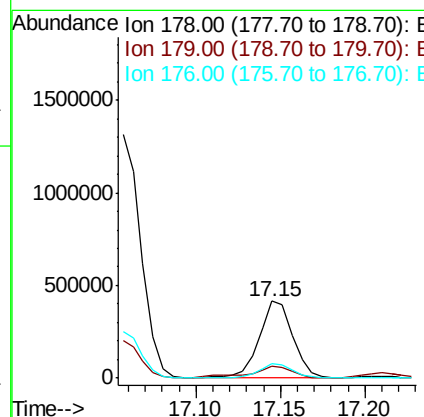
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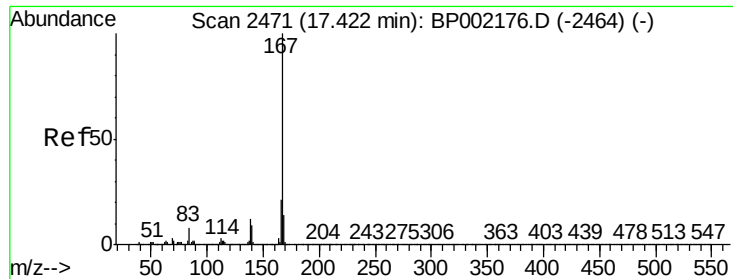
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#72
Anthracene
Concen: 5.912 ng/ul
RT: 17.15 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BP002184.D
Acq: 12 Mar 2020 15:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	18.7	14.6	22.0





#75

Carbazole

Concen: 2.338 ng/ul

RT: 17.42 min Scan# 2471

Delta R.T. 0.00 min

Lab File: BP002184.D

Acq: 12 Mar 2020 15:21

Instrument :

BNA_P

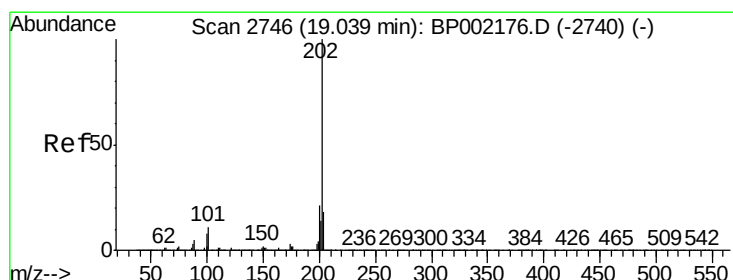
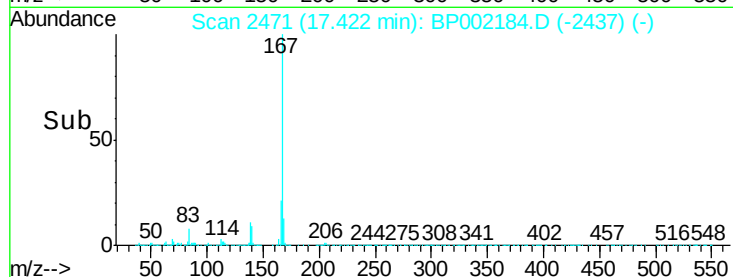
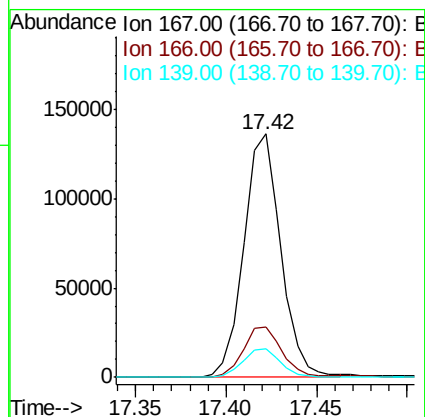
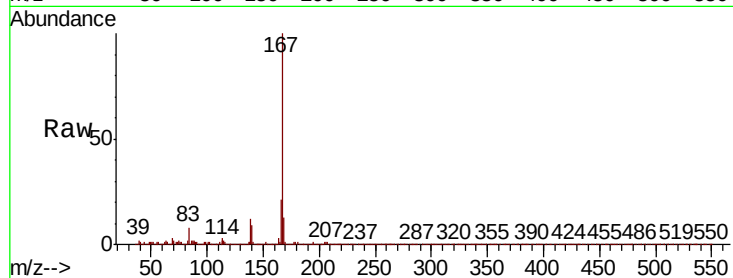
ClientSampleId :

C0AC9

Tot Ion:	167	Resp:	192418
Ion Ratio	Lower	Upper	
167	100		
166	20.9	17.2	25.8
139	11.7	10.1	15.1

Manual Integrations
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#77

Fluoranthene

Concen: 32.589 ng/ul

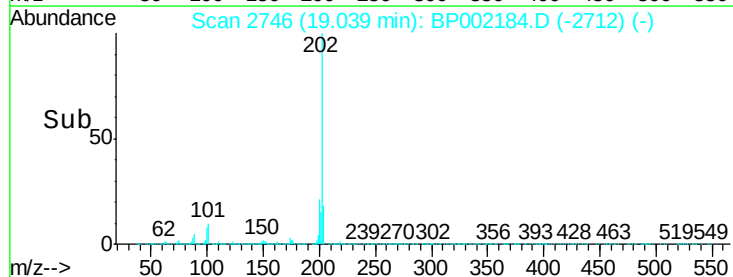
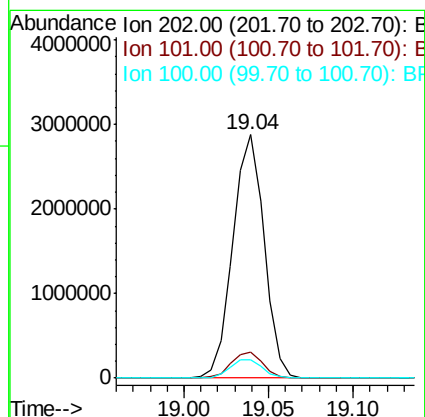
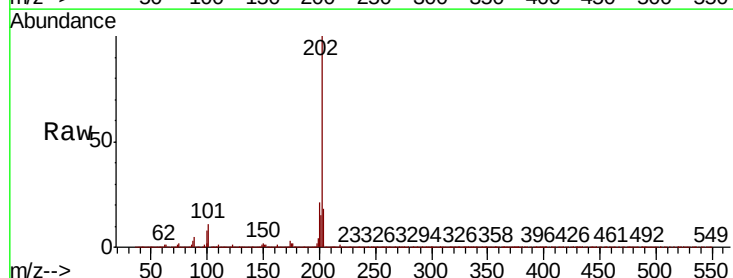
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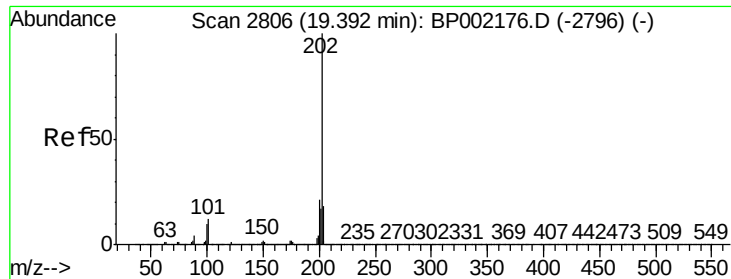
Delta R.T. 0.00 min

Lab File: BP002184.D

Acq: 12 Mar 2020 15:21

Tgt Ion:	202	Resp:	3710447
Ion Ratio	Lower	Upper	
202	100		
101	10.5	8.2	12.2
100	7.7	6.3	9.5





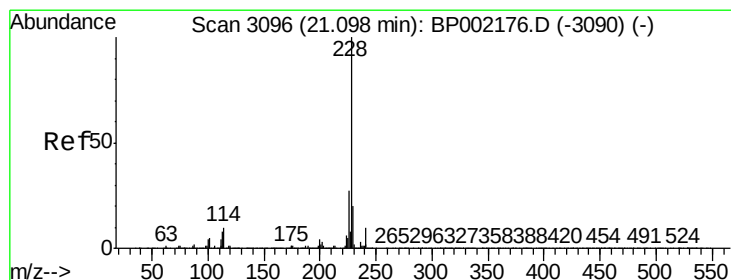
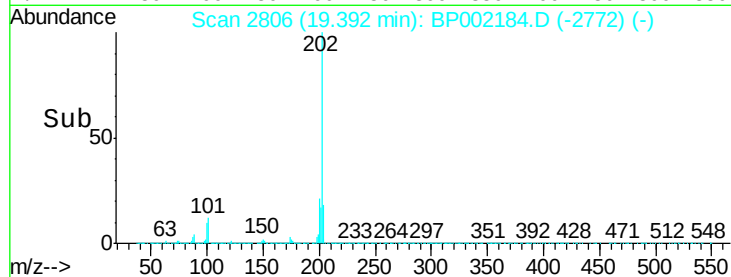
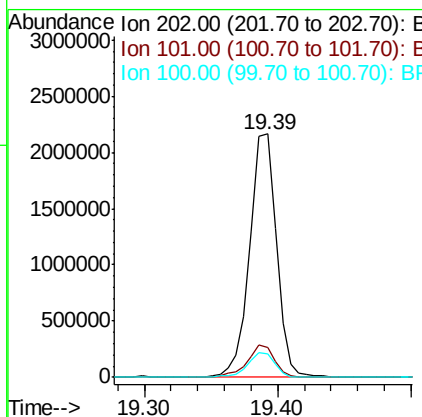
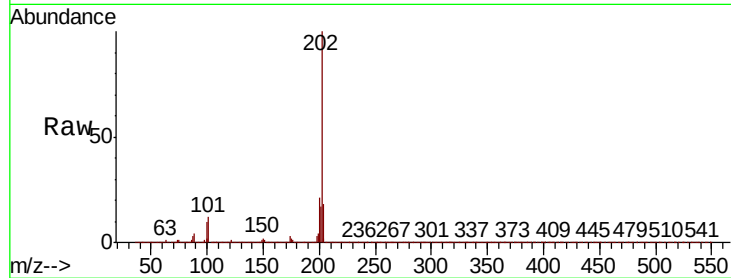
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Pvrene
Concen: 25.544 ng/ul
RT: 19.39 min Scan# 2806
Delta R.T. 0.00 min
Lab File: BP002184.D
Acq: 12 Mar 2020 15:21

Instrument :
BNA_P
ClientSampleId :
C0AC9

Tot Ion:	202	Resp:	2990704
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.3	13.9
100	9.6	7.6	11.4

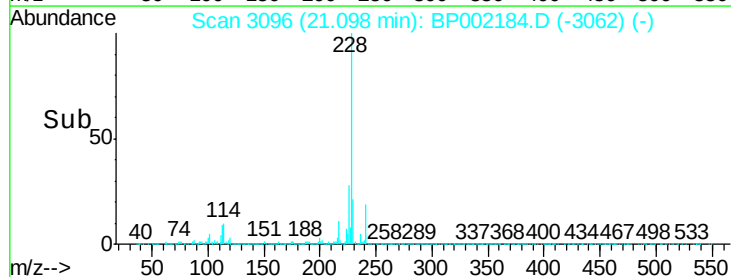
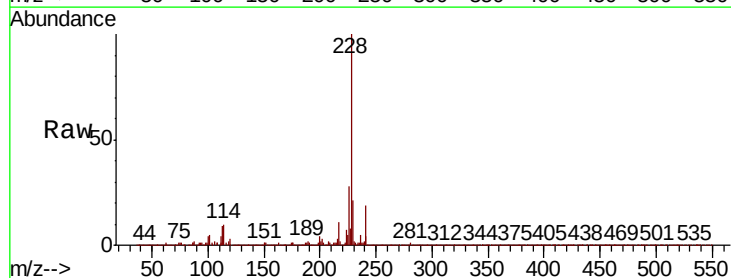
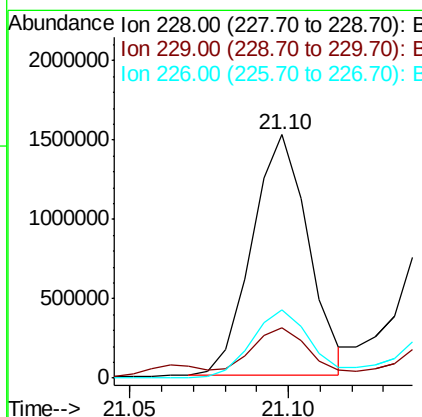
Manual Integrations
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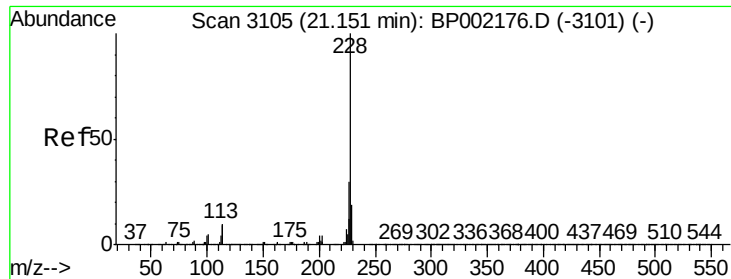
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#83
Benzo(a)anthracene
Concen: 16.109 ng/ul
RT: 21.10 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BP002184.D
Acq: 12 Mar 2020 15:21

Tgt Ion:	228	Resp:	1874142
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.7	23.5
226	28.0	21.4	32.0





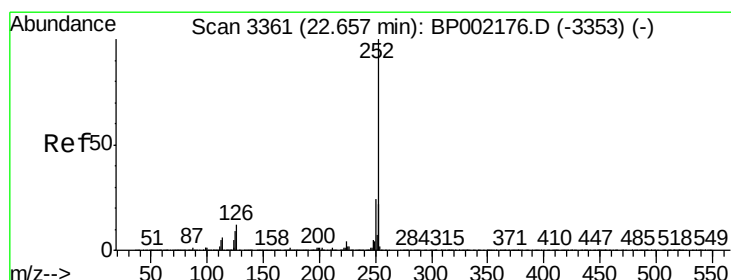
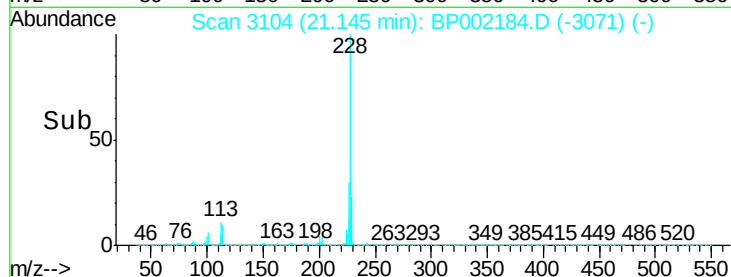
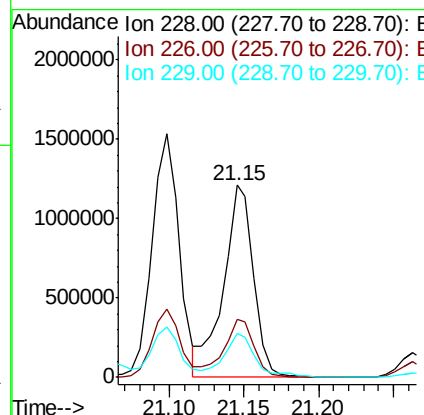
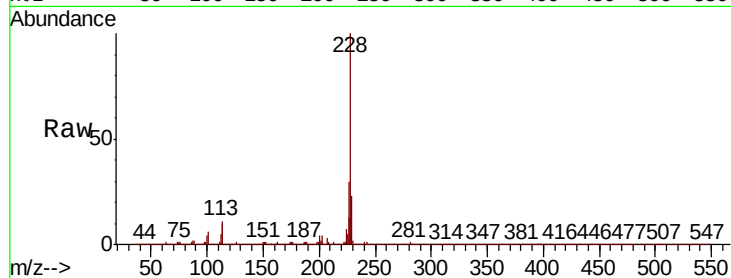
#85
Chrysene
Concen: 15.471 ng/ul
RT: 21.15 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP002184.D
Acq: 12 Mar 2020 15:21

Instrument :
BNA_P
ClientSampleId :
C0AC9

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	23.0	15.9	23.9

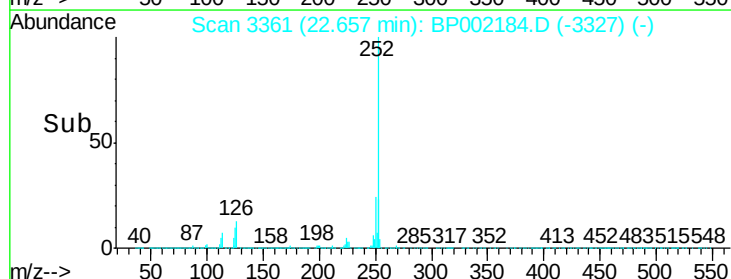
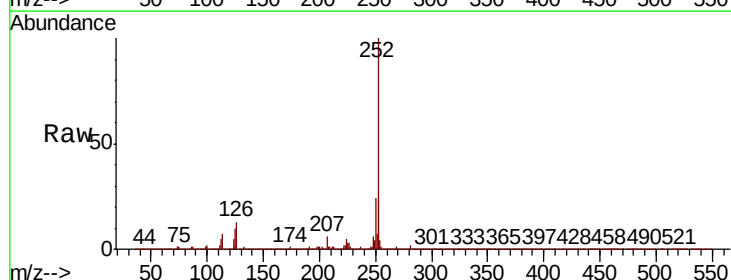
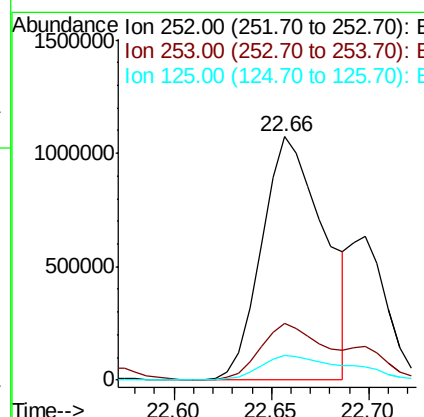
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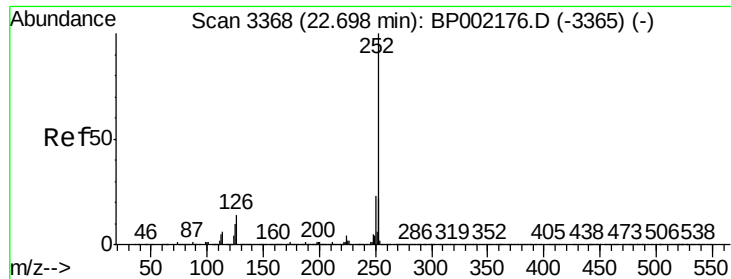
mohammad
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#88
Benzo(b)fluoranthene
Concen: 18.370 ng/ul
RT: 22.66 min Scan# 3361
Delta R.T. 0.00 min
Lab File: BP002184.D
Acq: 12 Mar 2020 15:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	10.1	7.4	11.0





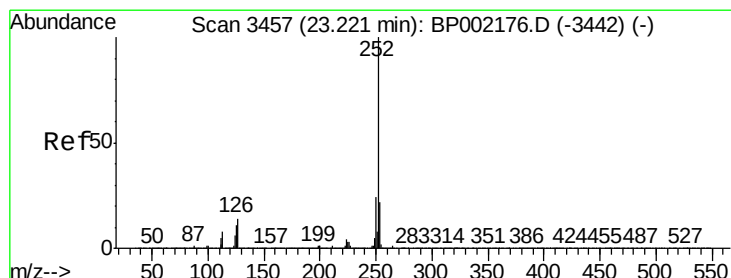
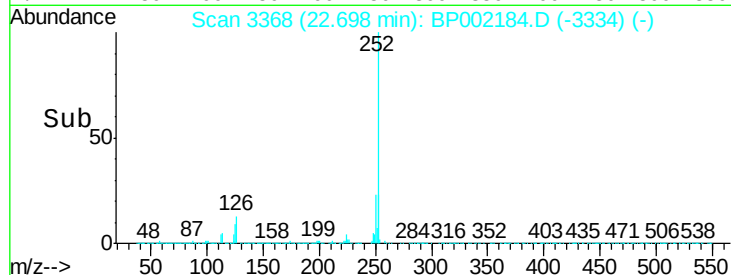
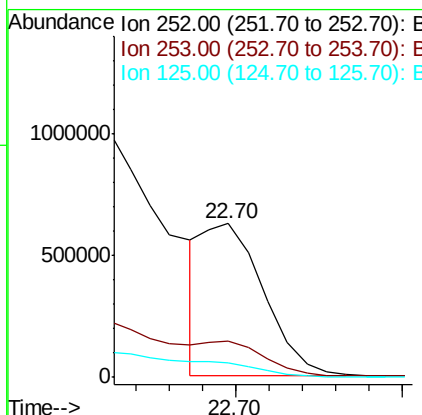
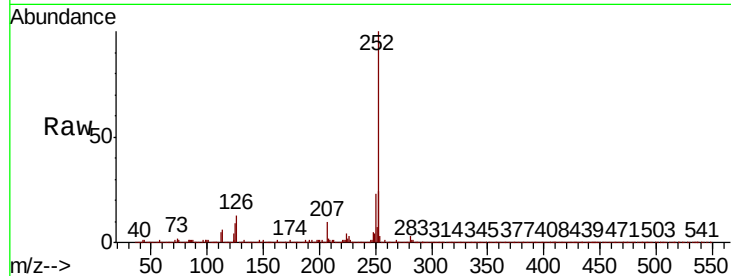
#89
Benzo(k)fluoranthene
Concen: 6.208 ng/ul m
RT: 22.70 min Scan# 3368
Delta R.T. 0.00 min
Lab File: BP002184.D
Acq: 12 Mar 2020 15:21

Instrument :
BNA_P
ClientSampled :
C0AC9

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	9.3	7.4	11.0

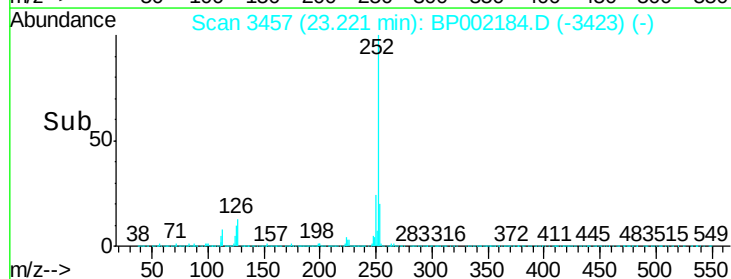
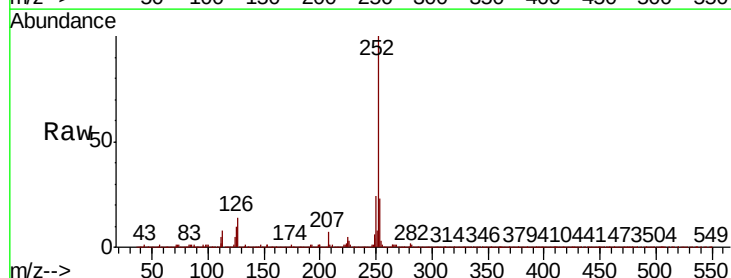
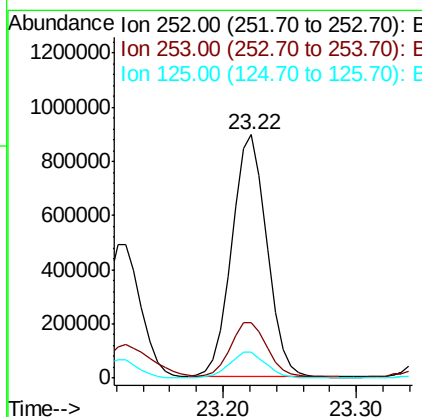
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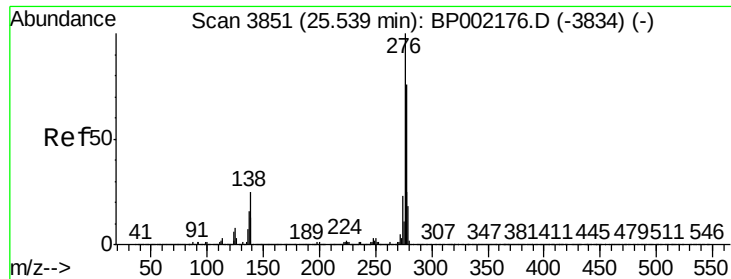
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#91
Benzo(a)pyrene
Concen: 13.838 ng/ul
RT: 23.22 min Scan# 3457
Delta R.T. 0.00 min
Lab File: BP002184.D
Acq: 12 Mar 2020 15:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	10.5	8.2	12.2





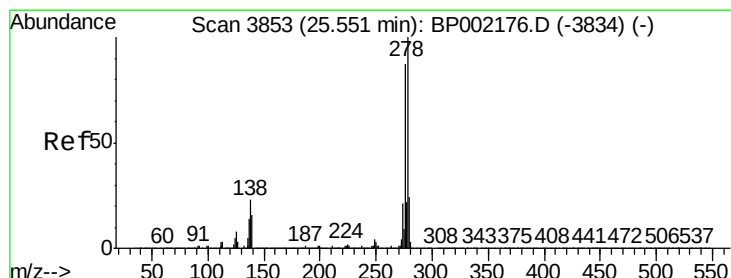
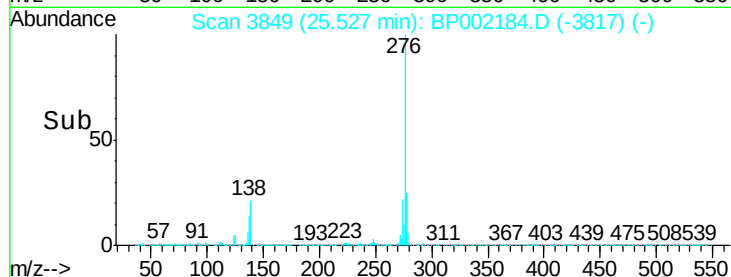
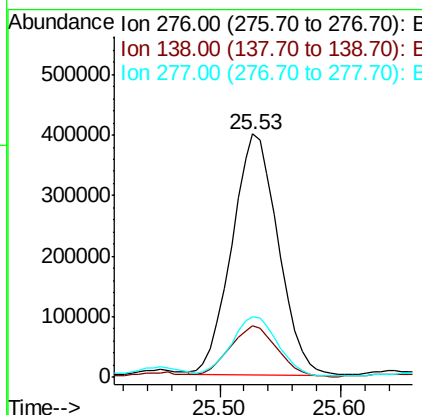
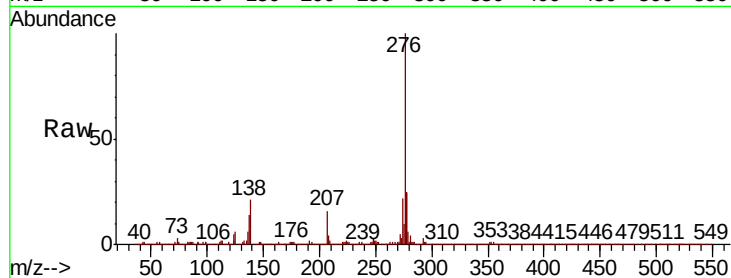
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 7.009 ng/ul
 RT: 25.53 min Scan# 3849
 Delta R.T. -0.01 min
 Lab File: BP002184.D
 Acq: 12 Mar 2020 15:21

Instrument :
 BNA_P
 ClientSampleId :
 C0AC9

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.3	18.6	28.0
277	24.9	20.4	30.6

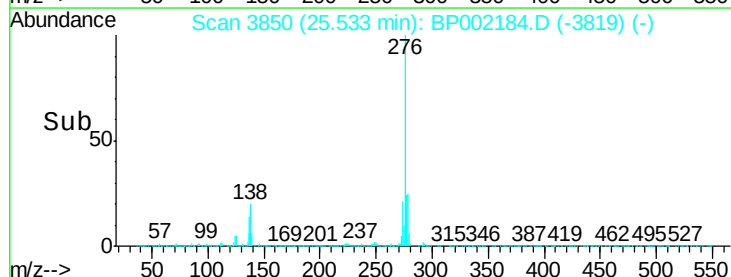
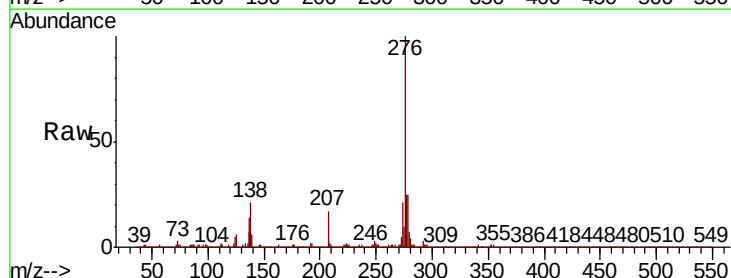
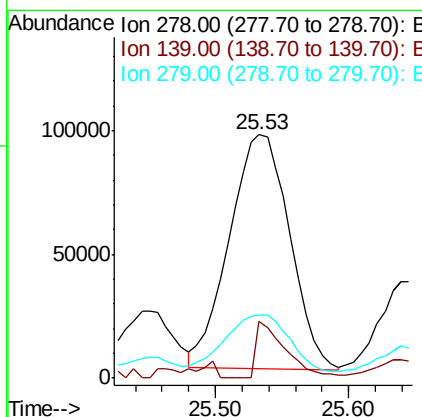
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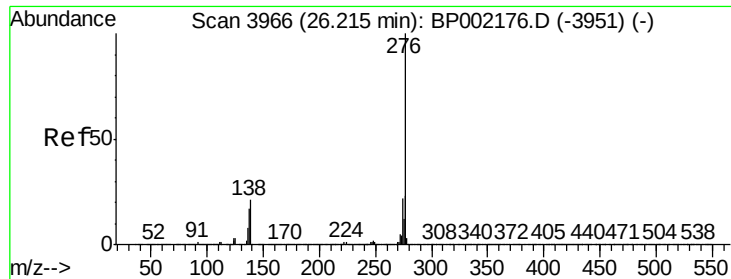
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#93
 Dibenzo(a,h)anthracene
 Concen: 2.366 ng/ul
 RT: 25.53 min Scan# 3850
 Delta R.T. -0.02 min
 Lab File: BP002184.D
 Acq: 12 Mar 2020 15:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.2	12.1	18.1#
279	26.1	19.1	28.7





#94

Benzo(a,h,i)perylene

Concen: 5.983 ng/ul

RT: 26.21 min Scan# 3965

Delta R.T. -0.01 min

Lab File: BP002184.D

Acq: 12 Mar 2020 15:21

Instrument :

BNA_P

ClientSampleId :

C0AC9

Tot Ion:	276	Resp:	769016
Ion Ratio		Lower	Upper
276	100		
138	22.3	16.2	24.2
277	24.9	18.1	27.1

Manual Integrations
APPROVED

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