

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
 Data File : BP002187.D
 Acq On : 12 Mar 2020 17:03
 Operator : CG/JU
 Sample : L1786-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AC2

Manual Integrations
 APPROVED

mohammad
 3/13/2020 8:57:29 AM

Quant Time: Mar 13 02:27:52 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	262188	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1066137	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	653077	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1394336	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	1451109	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	1756156	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	8840	1.45	ng/uL	0.00
5) Phenol-d5	6.81	99	133753	6.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	90757	8.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	123265	7.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	110556	6.73	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	54922	6.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	56177	6.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	108211	6.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	150255	7.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	413579	8.37	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	421195	7.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	21449	2.27	ng/ul	0.00
58) Fluorene-d10	15.26	176	362640	8.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	25271	3.29	ng/ul	0.00
71) Anthracene-d10	17.11	188	520546	8.31	ng/ul	0.00
79) Pyrene-d10	19.36	212	616737	8.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	681609	7.59	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.45	128	72596	1.271 ng/ul	99
45) Dimethylphthalate	13.73	163	57763	1.132 ng/ul	99
48) Acenaphthylene	13.98	152	143766	2.294 ng/ul	98
50) Acenaphthene	14.33	153	83787	1.988 ng/ul	98
54) Dibenzofuran	14.66	168	112132	1.884 ng/ul	99
59) Fluorene	15.32	166	170230	3.579 ng/ul	99
70) Phenanthrene	17.06	178	1049328	13.660 ng/ul	99
72) Anthracene	17.15	178	602033	7.916 ng/ul	99
75) Carbazole	17.42	167	81678	1.275 ng/ul	98
77) Fluoranthene	19.04	202	2257701	25.478 ng/ul	99
80) Pyrene	19.39	202	1667356	16.876 ng/ul	98
83) Benzo(a)anthracene	21.10	228	1028368	10.475 ng/ul	97
85) Chrysene	21.15	228	888306	9.484 ng/ul	97
88) Benzo(b)fluoranthene	22.66	252	1162625	10.557 ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	364282m	3.379 ng/ul	
91) Benzo(a)pyrene	23.22	252	698607	6.987 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.53	276	413575	3.192 ng/ul	97
93) Dibenzo(a,h)anthracene	25.54	278	129849	1.212 ng/ul#	91
94) Benzo(g,h,i)perylene	26.20	276	256439	2.344 ng/ul	96

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

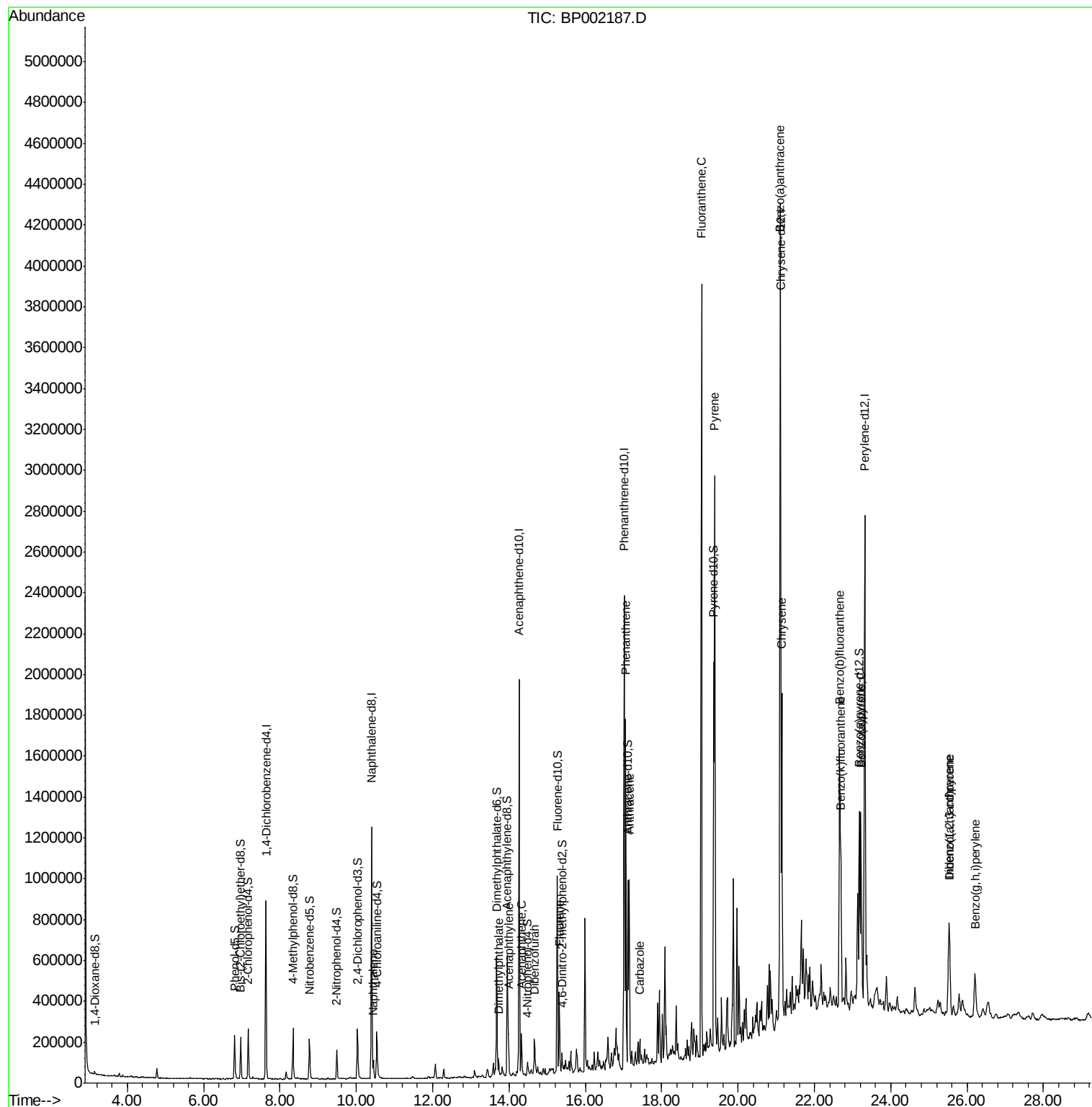
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002187.D
Acq On : 12 Mar 2020 17:03
Operator : CG/JU
Sample : L1786-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

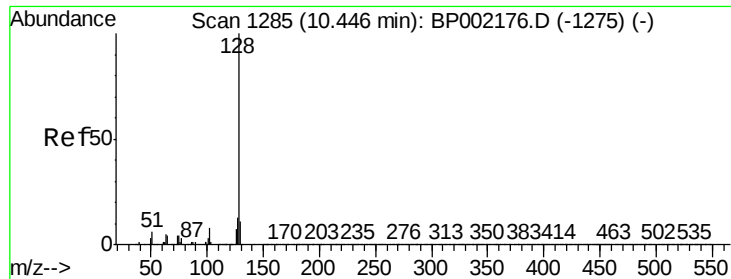
Instrument :
BNA_P
ClientSampleId :
C0AC2

Manual Integrations
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Quant Time: Mar 13 02:27:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
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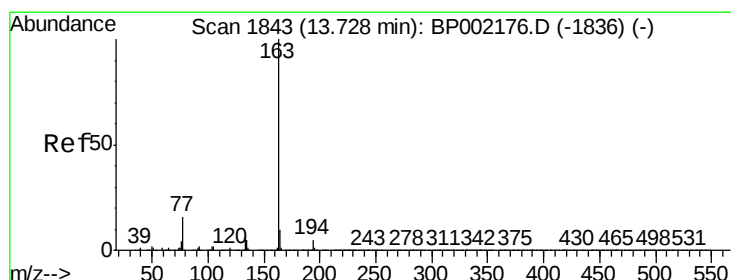
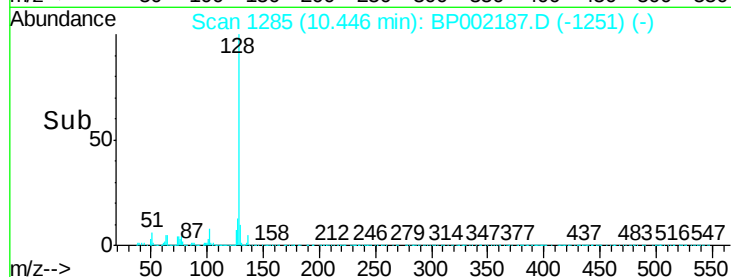
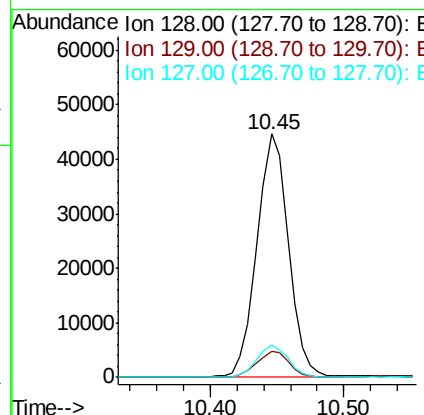
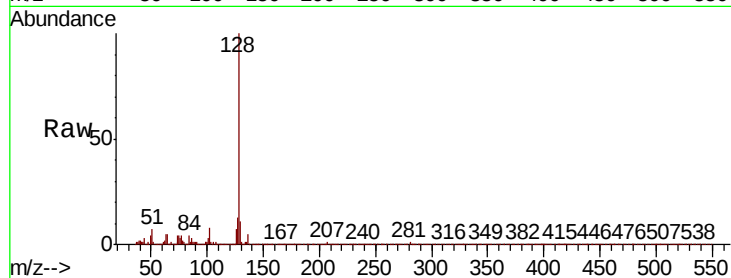
#28
Naphthalene
Concen: 1.271 ng/ul
RT: 10.45 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BP002187.D
Acq: 12 Mar 2020 17:03

Instrument :
BNA_P
ClientSampleId :
C0AC2

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	13.3	10.2	15.2

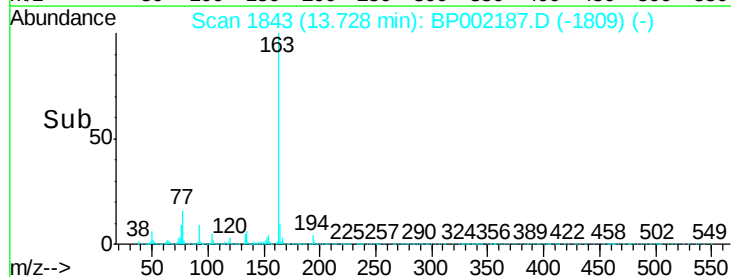
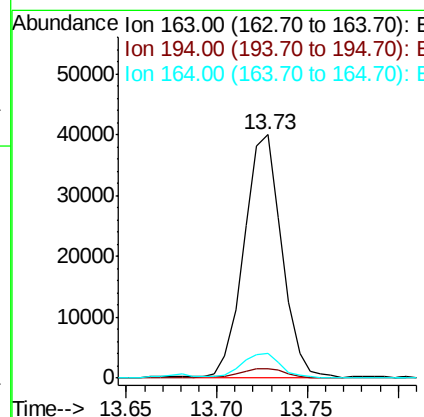
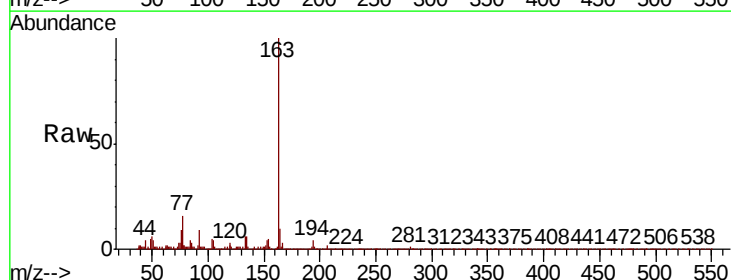
Manual Integrations
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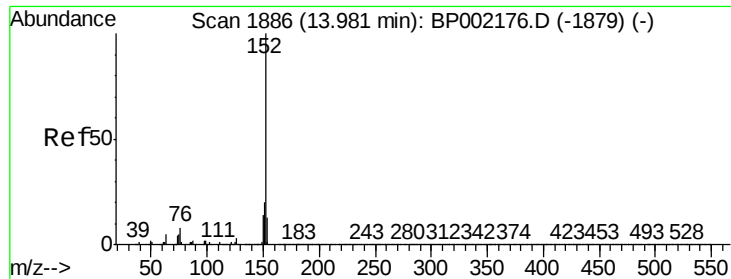
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#45
Dimethylphthalate
Concen: 1.132 ng/ul
RT: 13.73 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BP002187.D
Acq: 12 Mar 2020 17:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	10.2	8.2	12.4





#48

Acenaphthylene

Concen: 2.294 ng/ul

RT: 13.98 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BP002187.D

Acq: 12 Mar 2020 17:03

Instrument :

BNA_P

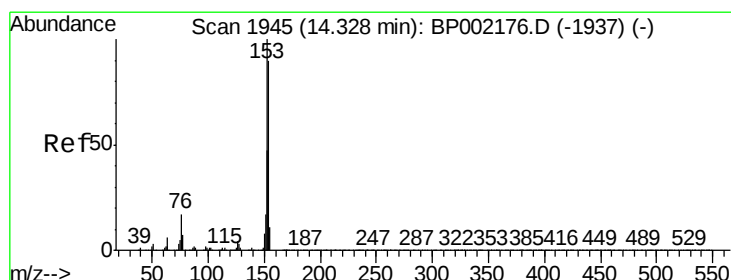
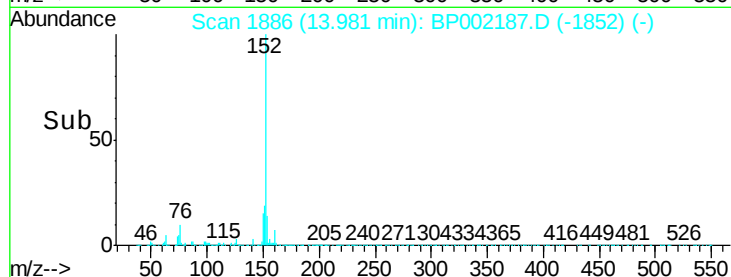
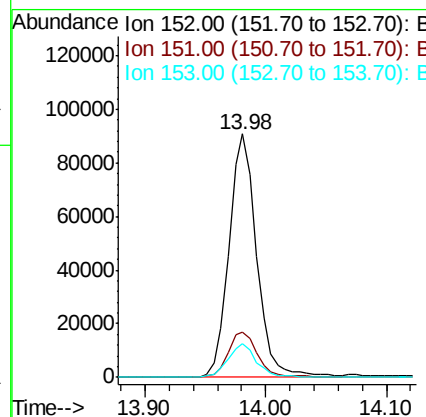
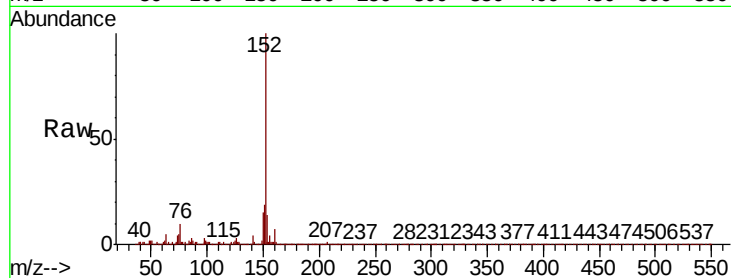
ClientSampleId :

C0AC2

Tot Ion:	152	Resp:	143766
Ion Ratio	Lower	Upper	
152	100		
151	18.6	15.7	23.5
153	13.8	10.6	15.8

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#50

Acenaphthene

Concen: 1.988 ng/ul

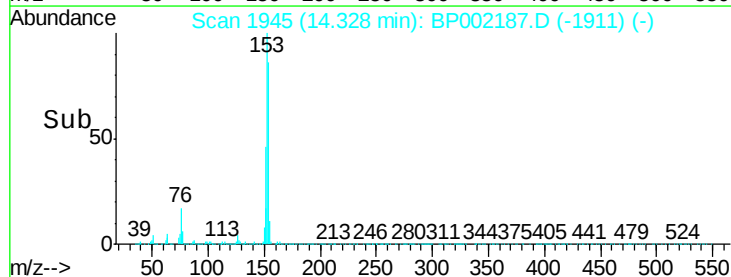
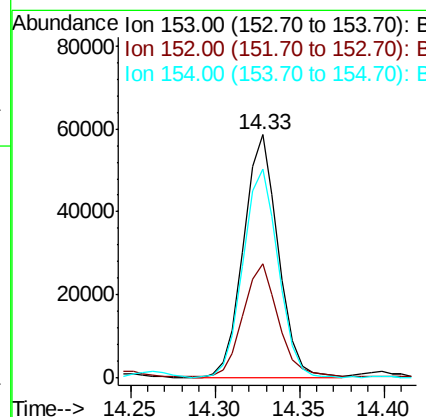
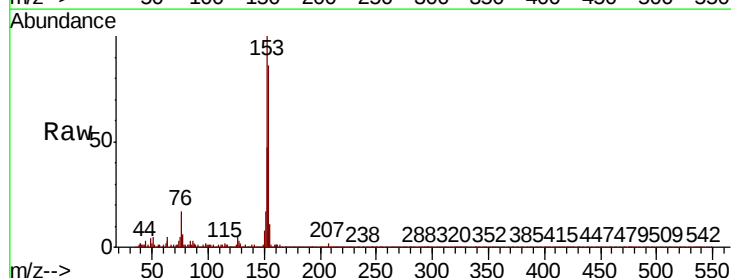
RT: 14.33 min Scan# 1945

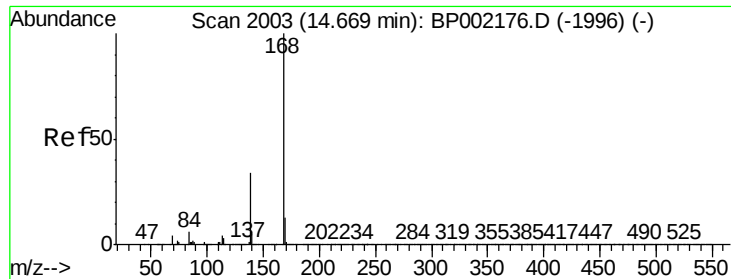
Delta R.T. 0.00 min

Lab File: BP002187.D

Acq: 12 Mar 2020 17:03

Tgt Ion:	153	Resp:	83787
Ion Ratio	Lower	Upper	
153	100		
152	47.1	37.1	55.7
154	86.0	70.5	105.7





#54

Dibenzofuran

Concen: 1.884 ng/ul

RT: 14.66 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BP002187.D

Acq: 12 Mar 2020 17:03

Instrument :

BNA_P

ClientSampleId :

C0AC2

Tot Ion:168 Resp: 112132

Ion Ratio Lower Upper

168 100

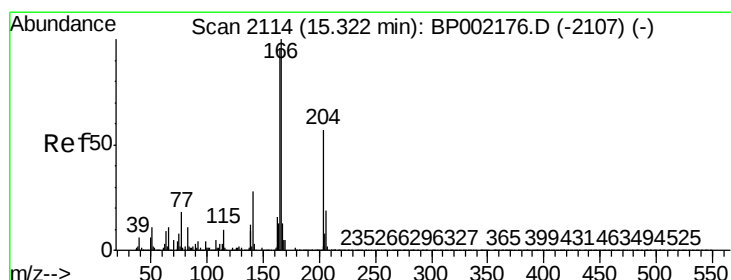
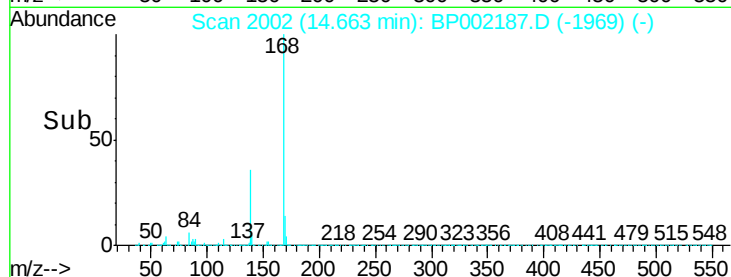
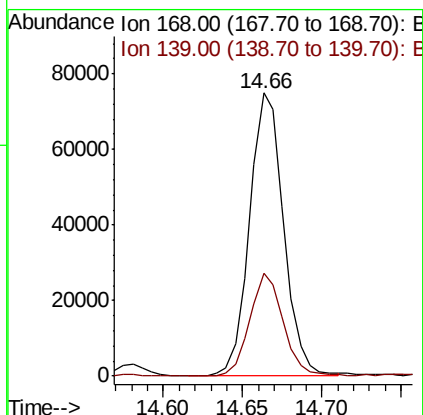
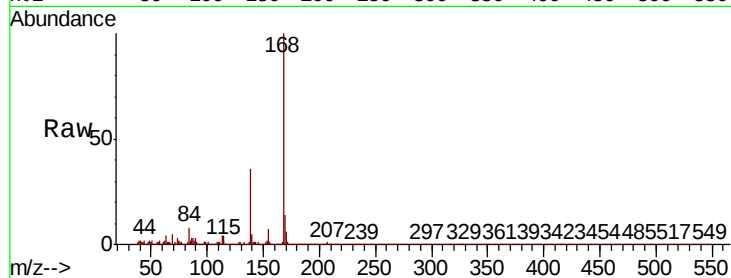
139 36.1 28.3 42.5

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#59

Fluorene

Concen: 3.579 ng/ul

RT: 15.32 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BP002187.D

Acq: 12 Mar 2020 17:03

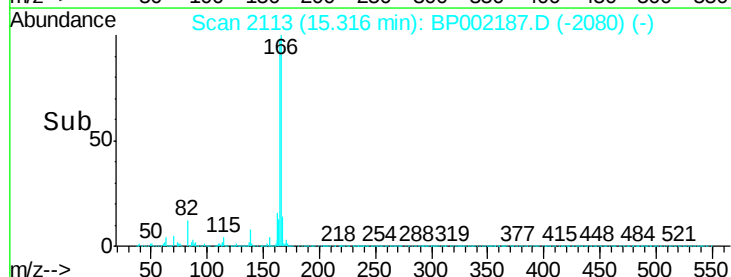
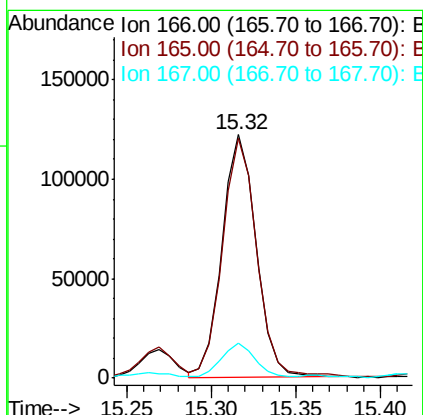
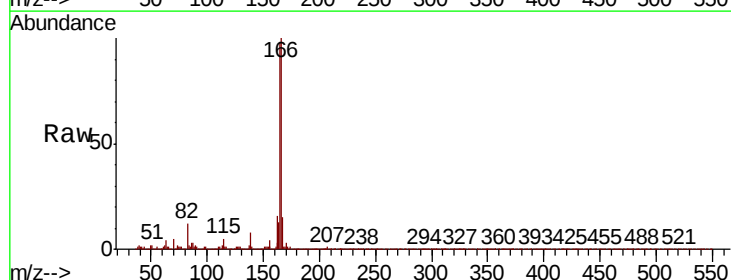
Tgt Ion:166 Resp: 170230

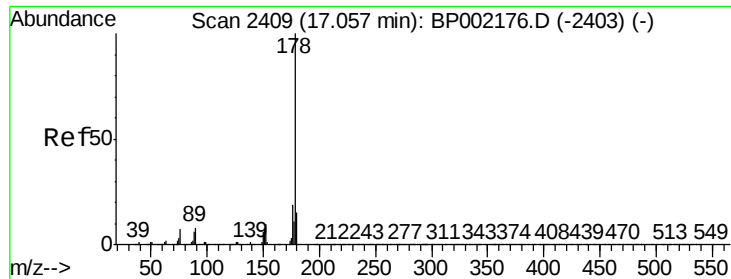
Ion Ratio Lower Upper

166 100

165 98.4 78.1 117.1

167 14.5 10.7 16.1





#70

Phenanthrene

Concen: 13.660 ng/ul

RT: 17.06 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BP002187.D

Acq: 12 Mar 2020 17:03

Instrument :

BNA_P

ClientSampleId :

C0AC2

Tot Ion:178 Resp: 1049328

Ion Ratio Lower Upper

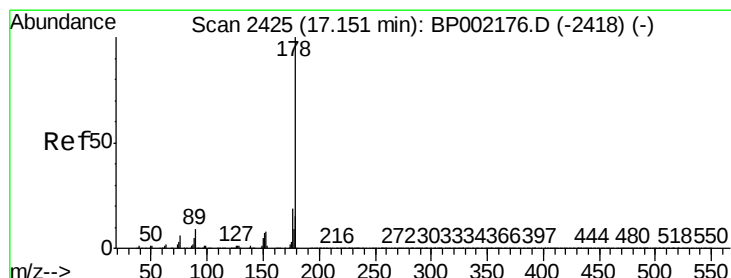
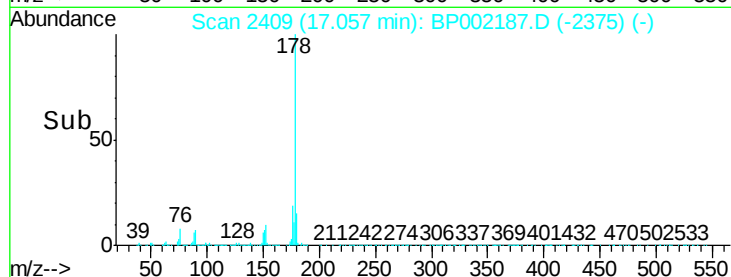
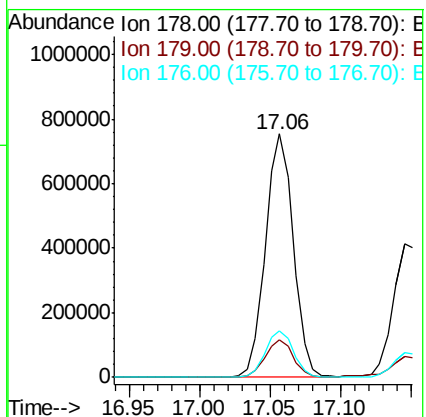
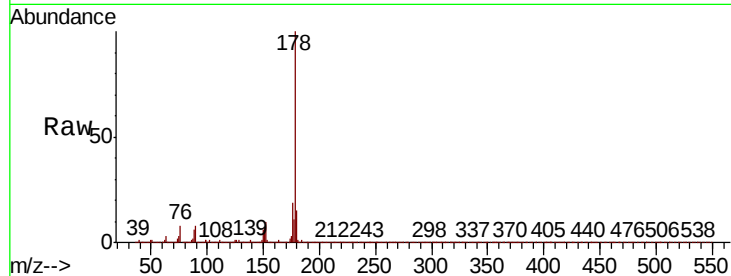
178 100

179 15.3 12.2 18.2

176 19.0 14.9 22.3

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#72

Anthracene

Concen: 7.916 ng/ul

RT: 17.15 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BP002187.D

Acq: 12 Mar 2020 17:03

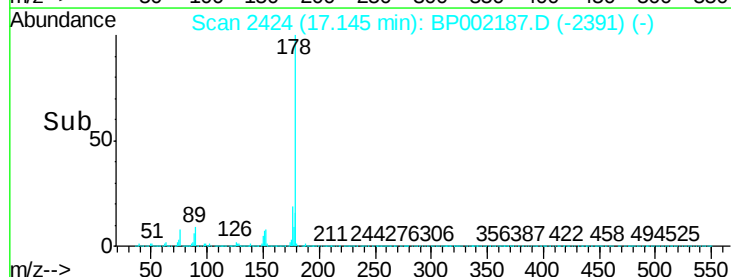
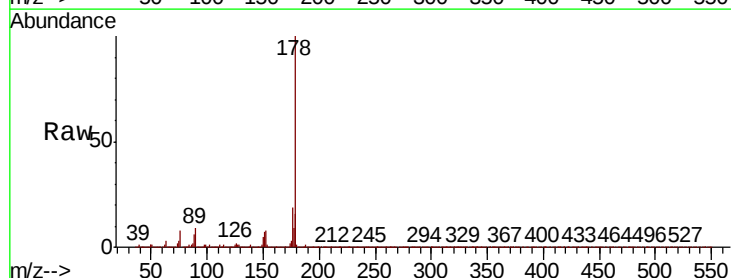
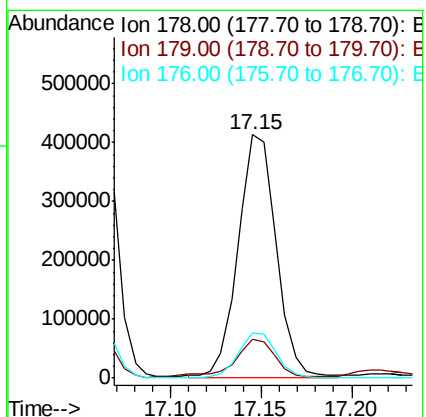
Tgt Ion:178 Resp: 602033

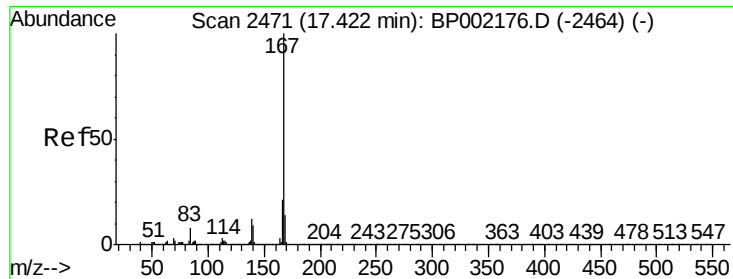
Ion Ratio Lower Upper

178 100

179 15.8 12.8 19.2

176 18.7 14.6 22.0





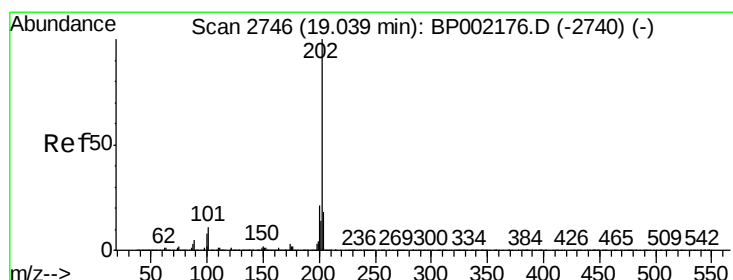
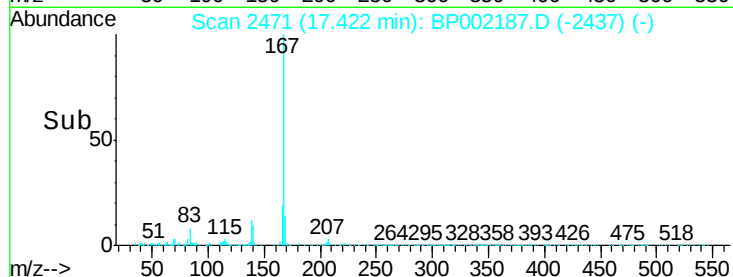
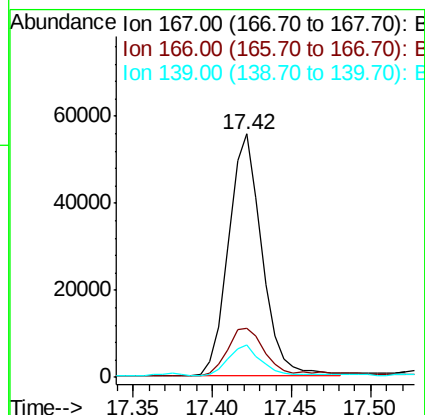
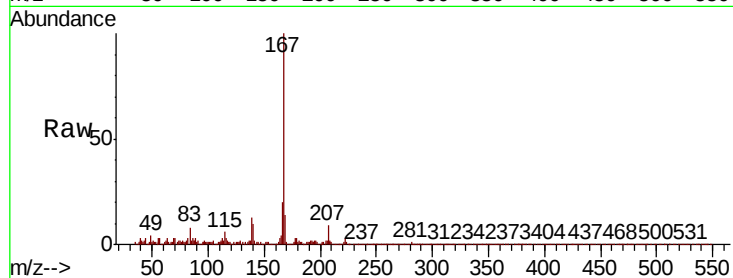
#75
 Carbazole
 Concen: 1.275 ng/ul
 RT: 17.42 min Scan# 2471
 Delta R.T. 0.00 min
 Lab File: BP002187.D
 Acq: 12 Mar 2020 17:03

Instrument :
 BNA_P
 ClientSampleId :
 C0AC2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100		81678		
166	20.1		17.2	25.8	
139	13.1		10.1	15.1	

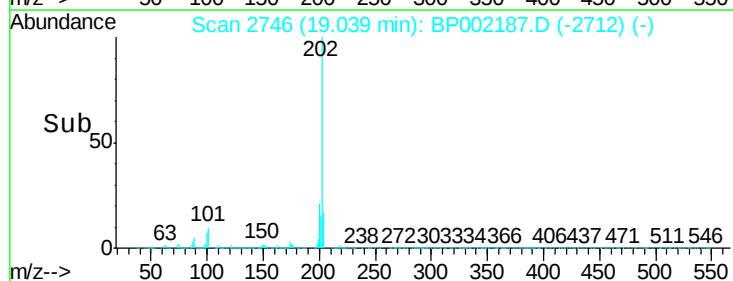
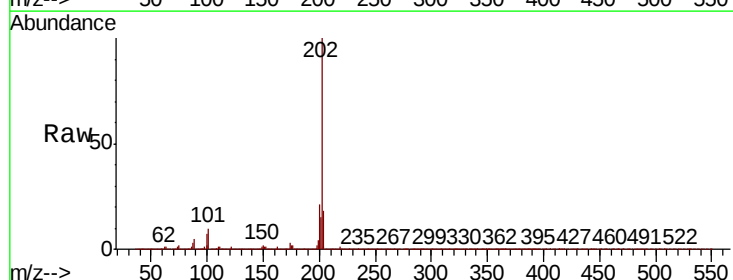
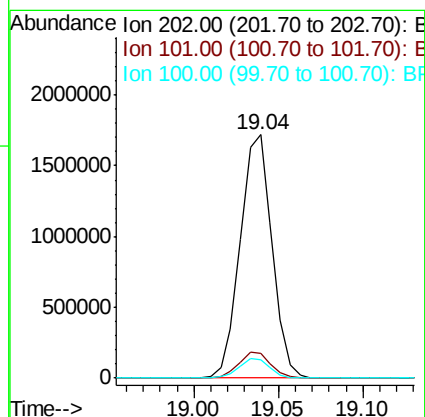
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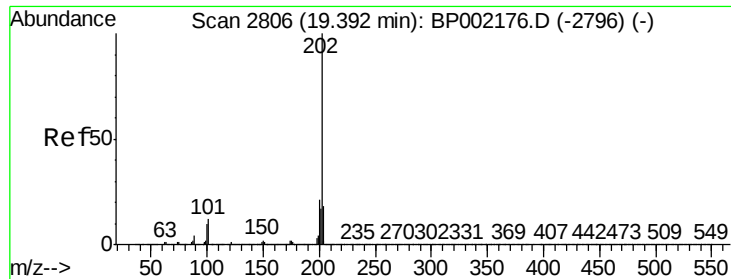
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#77
 Fluoranthene
 Concen: 25.478 ng/ul
 RT: 19.04 min Scan# 2746
 Delta R.T. 0.00 min
 Lab File: BP002187.D
 Acq: 12 Mar 2020 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		2257701		
101	10.3		8.2	12.2	
100	7.4		6.3	9.5	





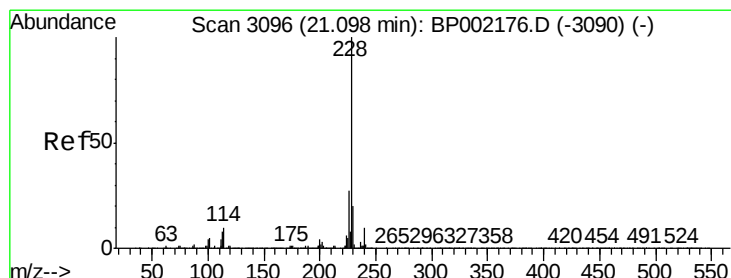
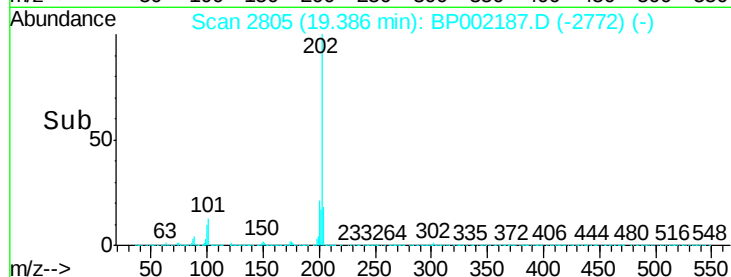
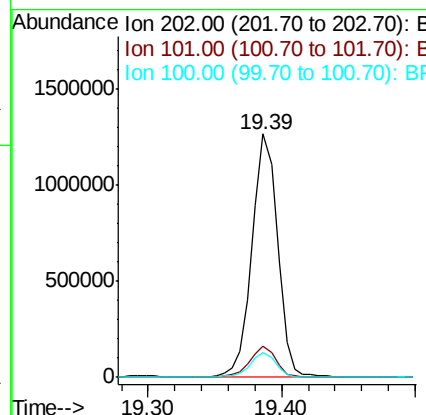
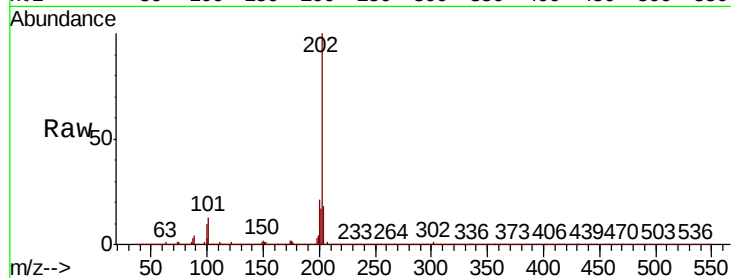
#80
Pvrene
Concen: 16.876 ng/ul
RT: 19.39 min Scan# 2805
Delta R.T. -0.01 min
Lab File: BP002187.D
Acq: 12 Mar 2020 17:03

Instrument :
BNA_P
ClientSampleId :
C0AC2

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.3	13.9
100	10.1	7.6	11.4

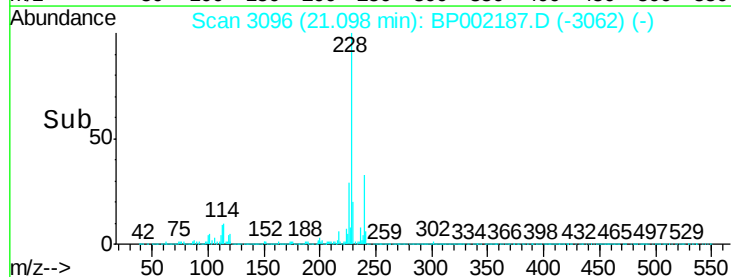
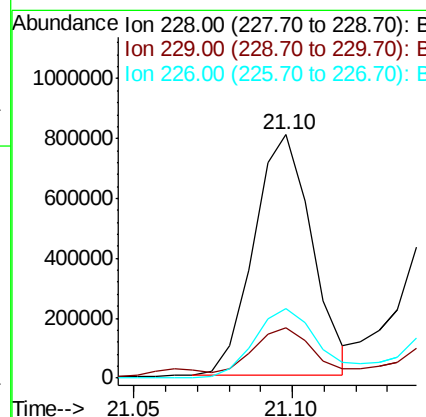
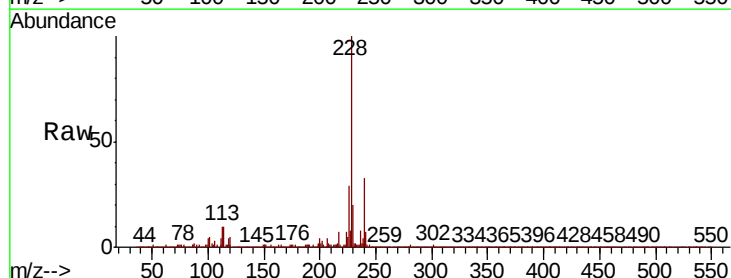
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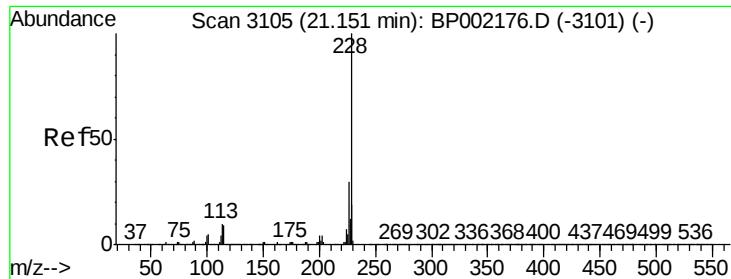
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#83
Benzo(a)anthracene
Concen: 10.475 ng/ul
RT: 21.10 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BP002187.D
Acq: 12 Mar 2020 17:03

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.7	23.5
226	28.8	21.4	32.0





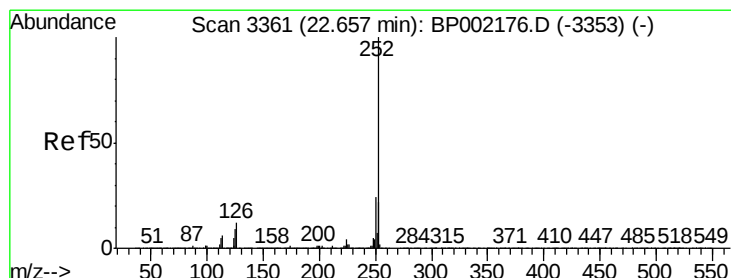
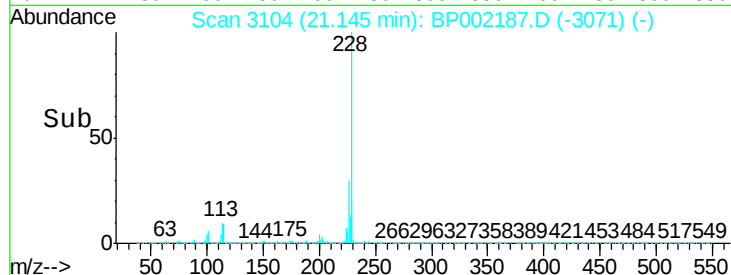
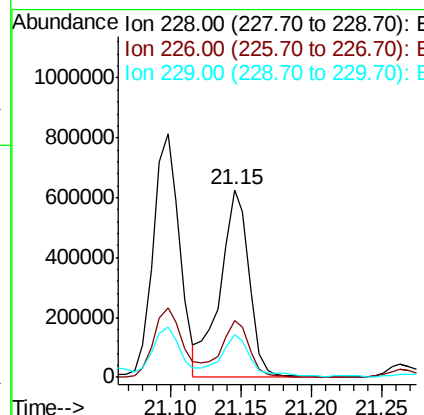
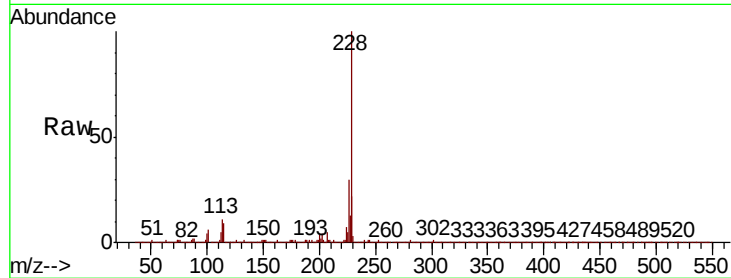
#85
Chrysene
Concen: 9.484 ng/ul
RT: 21.15 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP002187.D
Acq: 12 Mar 2020 17:03

Instrument :
BNA_P
ClientSampled :
C0AC2

Tot Ion:	228	Resp:	888306
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.4	36.6
229	22.4	15.9	23.9

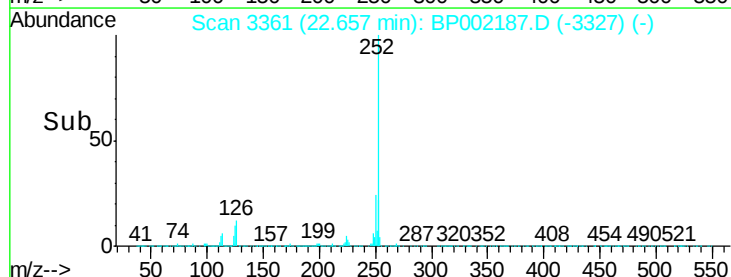
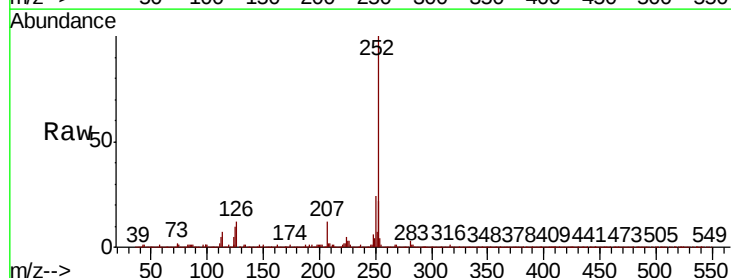
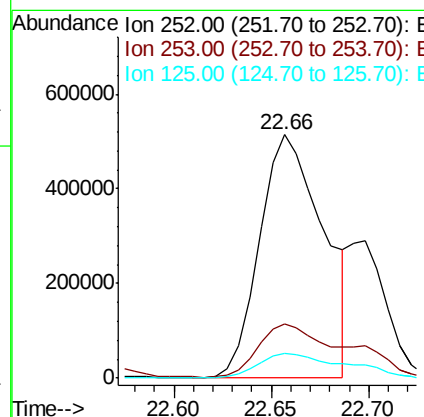
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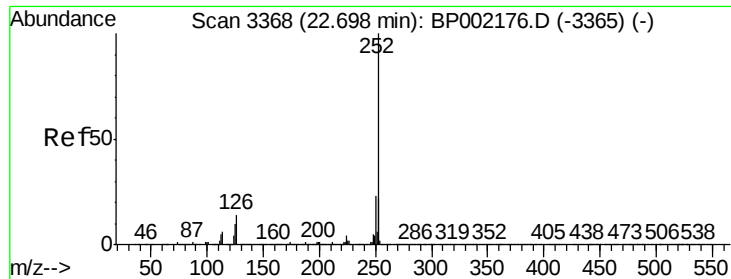
mohammad
3/13/2020 8:57:29 AM



#88
Benzo(b)fluoranthene
Concen: 10.557 ng/ul
RT: 22.66 min Scan# 3361
Delta R.T. 0.00 min
Lab File: BP002187.D
Acq: 12 Mar 2020 17:03

Tgt Ion:	252	Resp:	1162625
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.5	26.3
125	10.1	7.4	11.0





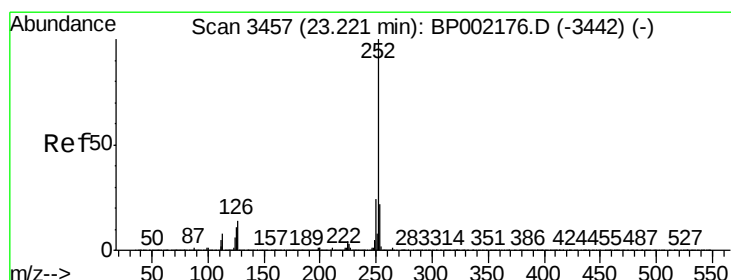
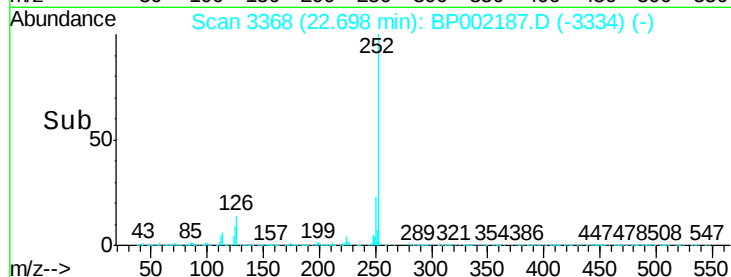
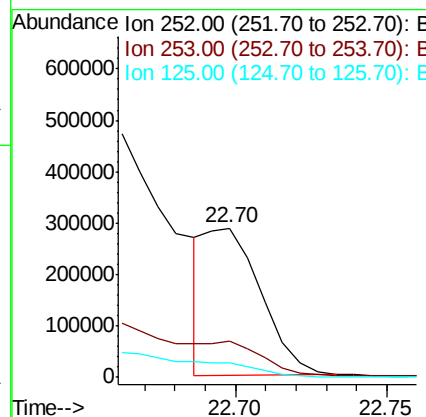
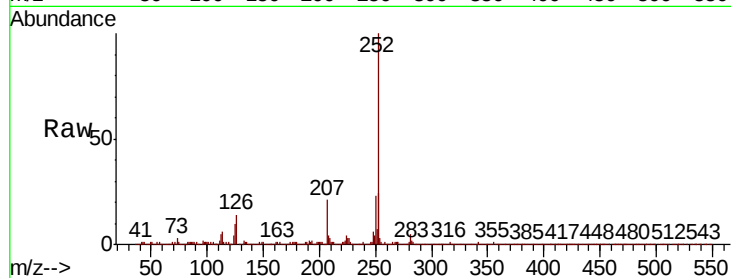
#89
Benzo(k)fluoranthene
Concen: 3.379 ng/ul m
RT: 22.70 min Scan# 3368
Delta R.T. 0.00 min
Lab File: BP002187.D
Acq: 12 Mar 2020 17:03

Instrument :
BNA_P
ClientSampleId :
C0AC2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	9.8	7.4	11.0

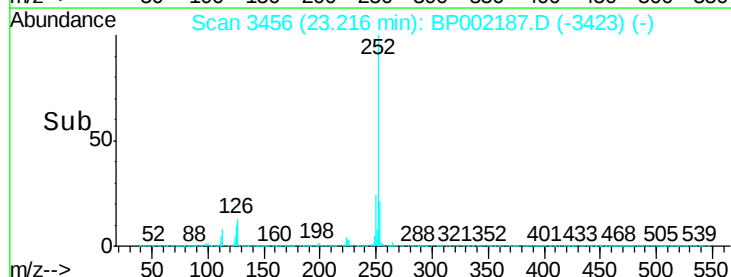
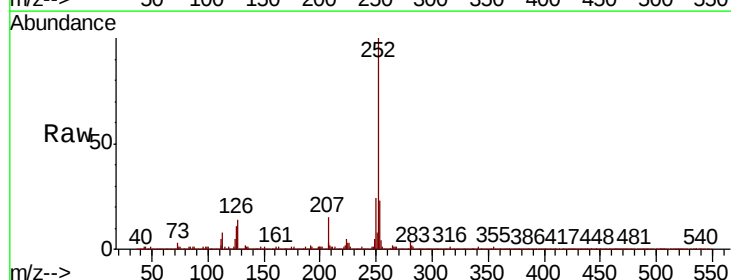
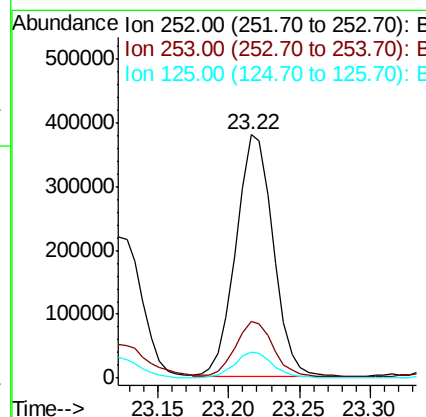
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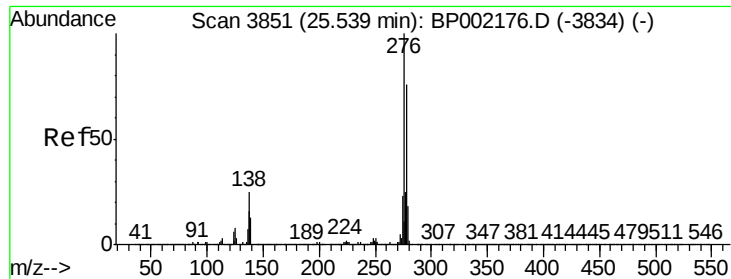
mohammad
3/13/2020 8:57:29 AM



#91
Benzo(a)pyrene
Concen: 6.987 ng/ul
RT: 23.22 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BP002187.D
Acq: 12 Mar 2020 17:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	10.6	8.2	12.2





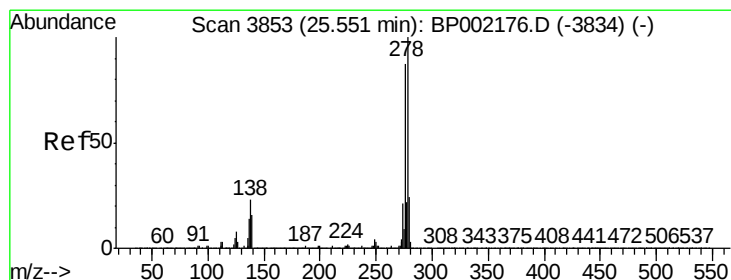
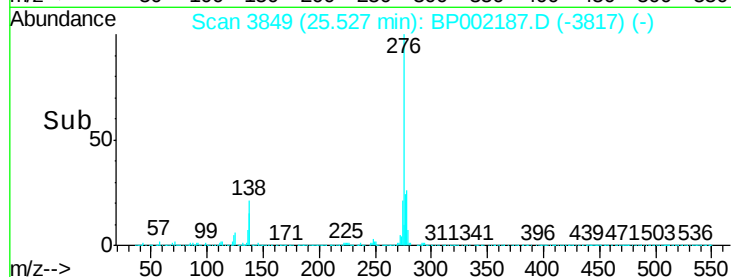
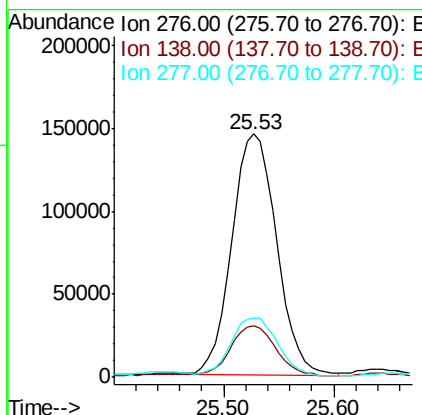
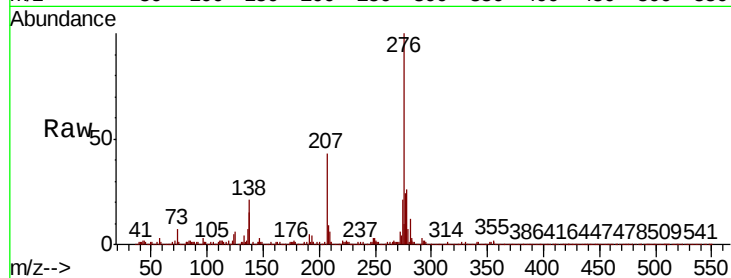
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.192 ng/ul
RT: 25.53 min Scan# 3849
Delta R.T. -0.01 min
Lab File: BP002187.D
Acq: 12 Mar 2020 17:03

Instrument :
BNA_P
ClientSampleId :
C0AC2

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.3	18.6	28.0
277	24.4	20.4	30.6

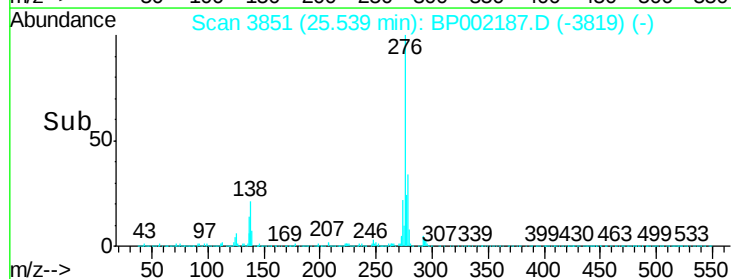
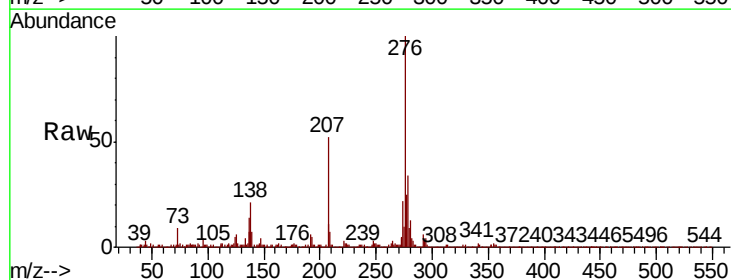
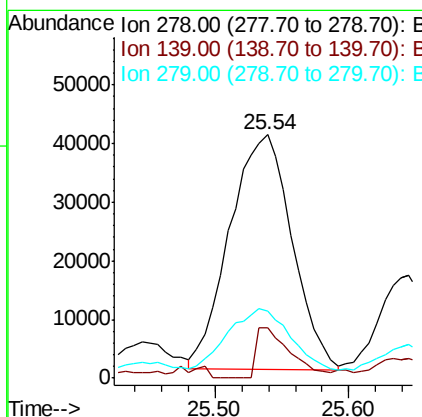
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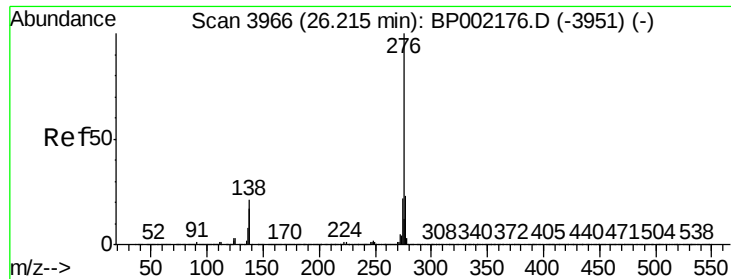
mohammad
3/13/2020 8:57:29 AM



#93
Dibenzo(a,h)anthracene
Concen: 1.212 ng/ul
RT: 25.54 min Scan# 3851
Delta R.T. -0.01 min
Lab File: BP002187.D
Acq: 12 Mar 2020 17:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.6	12.1	18.1#
279	27.3	19.1	28.7





#94

Benzo(a,h,i)perylene

Concen: 2.344 ng/ul

RT: 26.20 min Scan# 3964

Delta R.T. -0.01 min

Lab File: BP002187.D

Acq: 12 Mar 2020 17:03

Instrument :

BNA_P

ClientSampleId :

C0AC2

Tot Ion:	276	Resp:	256439
Ion Ratio	Lower	Upper	
276	100		
138	22.1	16.2	24.2
277	24.2	18.1	27.1

Manual Integrations
APPROVED

mohammad
3/13/2020 8:57:29 AM

