

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
 Data File : BP002186.D
 Acq On : 12 Mar 2020 16:29
 Operator : CG/JU
 Sample : L1786-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AD0

Manual Integrations
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mohammad
 3/13/2020 8:57:26 AM

Quant Time: Mar 13 02:24:43 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	266557	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1098833	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	668528	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1433985	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	1387957	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	1661811	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	9385	1.51	ng/uL	0.00
5) Phenol-d5	6.81	99	139924	6.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	94555	8.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	128493	7.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	113971	6.82	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	56484	6.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	56895	5.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	113593	6.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	144316	7.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.68	166	408581	8.08	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	424933	7.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	22169	2.29	ng/ul	0.01
58) Fluorene-d10	15.26	176	358542	8.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	25467	3.22	ng/ul	0.00
71) Anthracene-d10	17.12	188	509022	7.90	ng/ul	0.00
79) Pyrene-d10	19.36	212	605072	8.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	650070	7.65	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.73	163	61422	1.176 ng/ul	99
48) Acenaphthylene	13.98	152	65734	1.025 ng/ul	99
50) Acenaphthene	14.33	153	51850	1.202 ng/ul	96
59) Fluorene	15.32	166	75552	1.552 ng/ul	99
70) Phenanthrene	17.06	178	1113804	14.099 ng/ul	99
72) Anthracene	17.15	178	317108	4.054 ng/ul	99
75) Carbazole	17.42	167	109780	1.667 ng/ul	100
77) Fluoranthene	19.04	202	2675571	29.359 ng/ul	99
80) Pyrene	19.39	202	2158769	22.844 ng/ul	97
83) Benzo(a)anthracene	21.10	228	1391648	14.820 ng/ul	98
85) Chrysene	21.15	228	1290013	14.400 ng/ul	97
88) Benzo(b)fluoranthene	22.66	252	1767704	16.962 ng/ul	97
89) Benzo(k)fluoranthene	22.69	252	544280m	5.335 ng/ul	
91) Benzo(a)pyrene	23.22	252	1174596	12.415 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.53	276	746197	6.085 ng/ul	98
93) Dibenzo(a,h)anthracene	25.54	278	213396m	2.105 ng/ul	
94) Benzo(g,h,i)perylene	26.20	276	505253	4.881 ng/ul	97

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

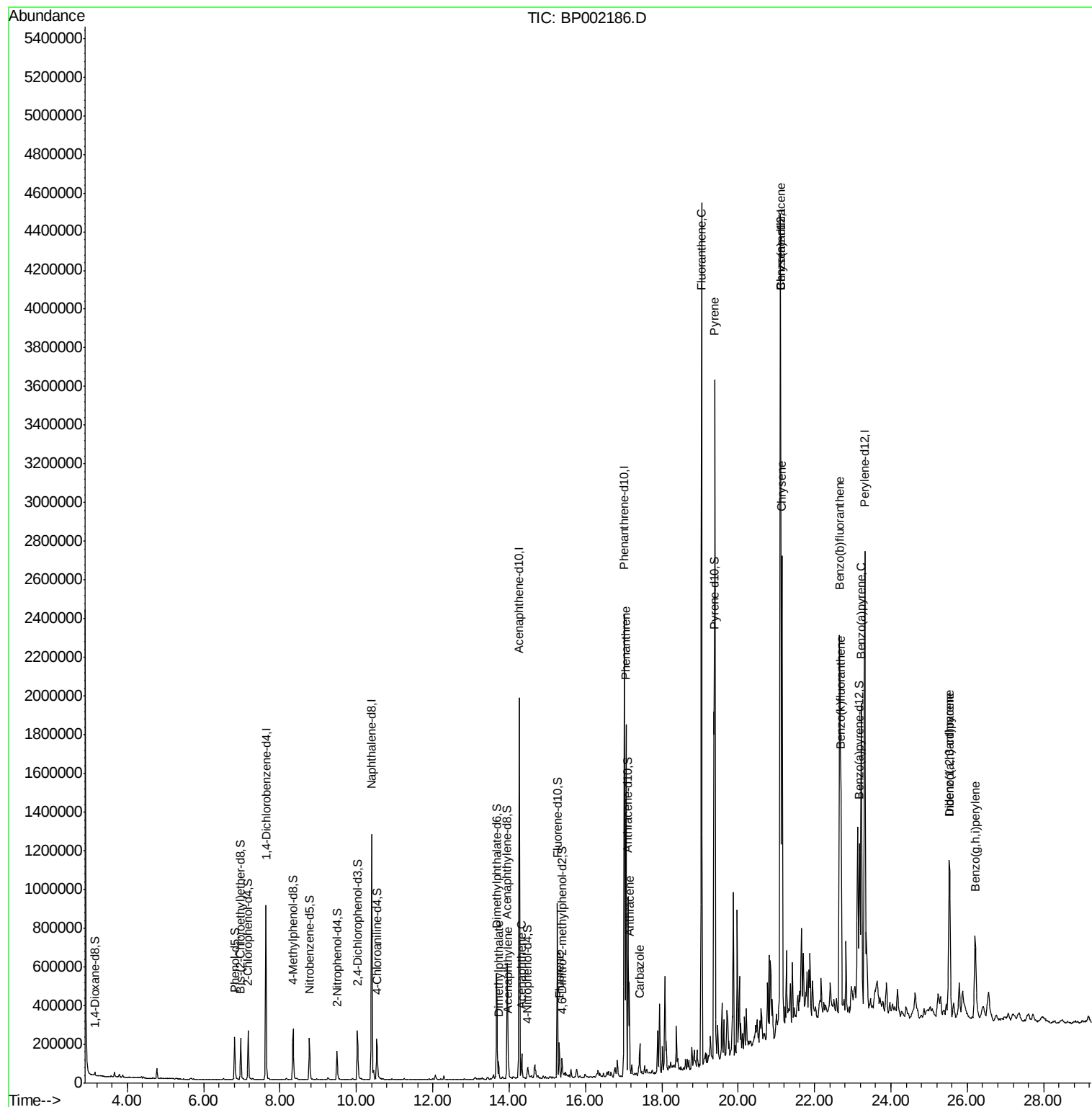
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002186.D
Acq On : 12 Mar 2020 16:29
Operator : CG/JU
Sample : L1786-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

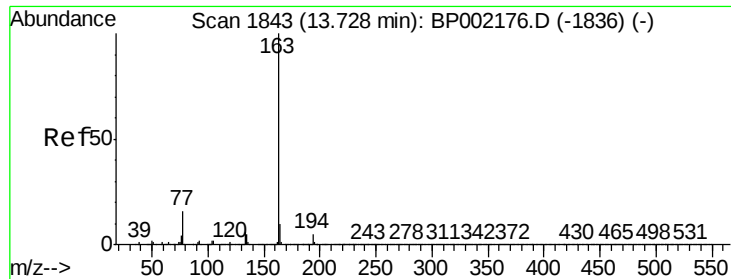
Instrument :
BNA_P
ClientSampleId :
C0AD0

Quant Time: Mar 13 02:24:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
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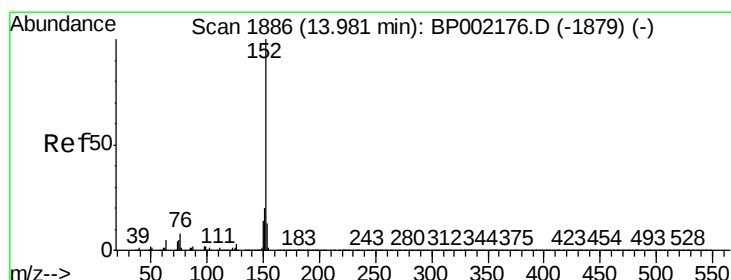
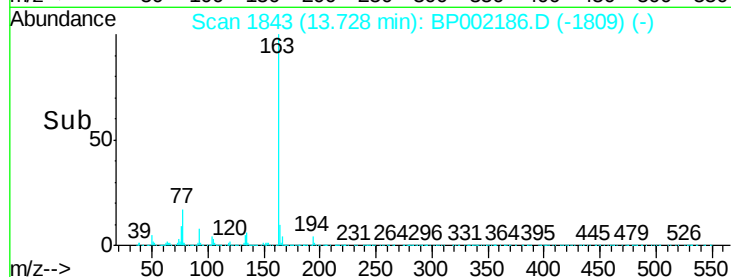
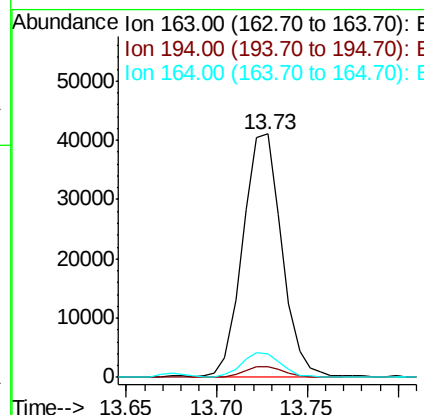
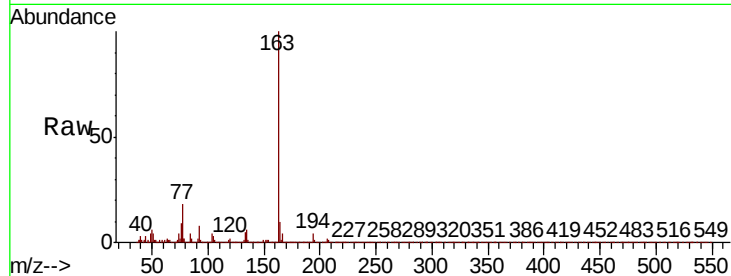
#45
Dimethylphthalate
Concen: 1.176 ng/ul
RT: 13.73 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BP002186.D
Acq: 12 Mar 2020 16:29

Instrument :
BNA_P
ClientSampleID :
C0AD0

Tot Ion:	163	Resp:	61422
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.6	5.4
164	9.9	8.2	12.4

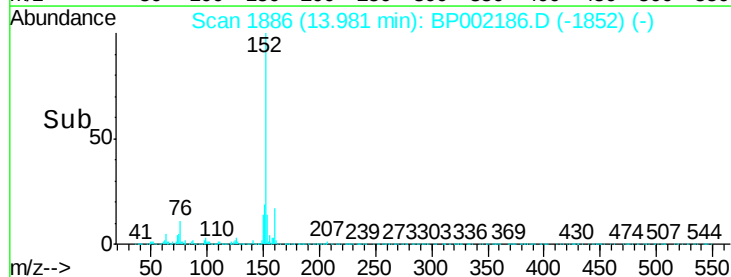
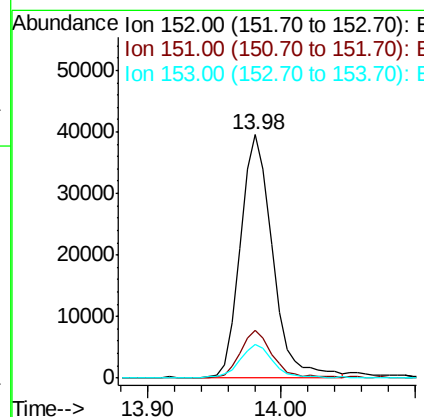
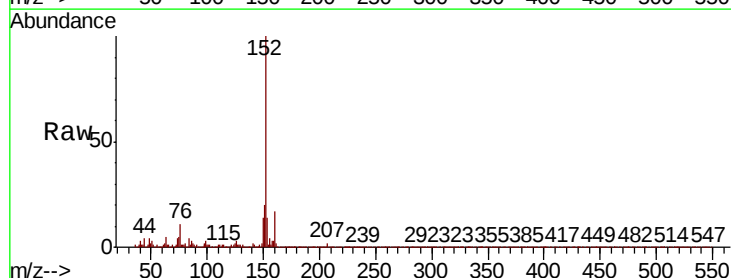
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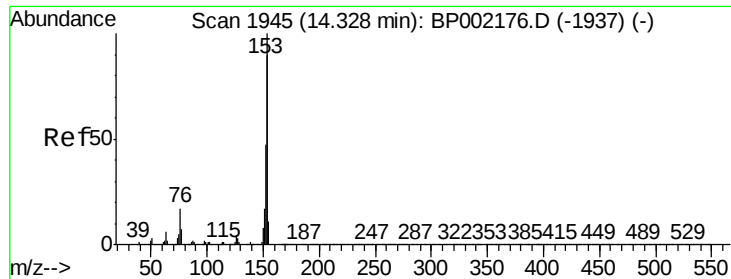
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#48
Acenaphthylene
Concen: 1.025 ng/ul
RT: 13.98 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BP002186.D
Acq: 12 Mar 2020 16:29

Tgt Ion:	152	Resp:	65734
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.7	23.5
153	14.0	10.6	15.8





#50

Acenaphthene

Concen: 1.202 ng/ul

RT: 14.33 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BP002186.D

Acq: 12 Mar 2020 16:29

Instrument :

BNA_P

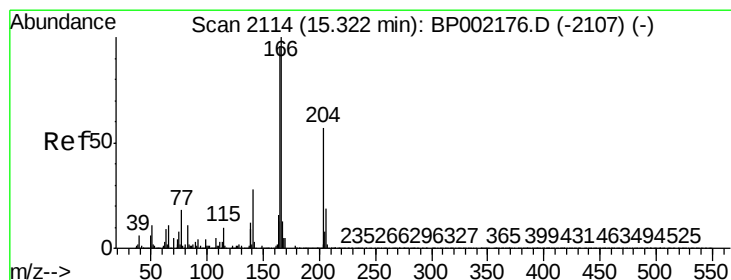
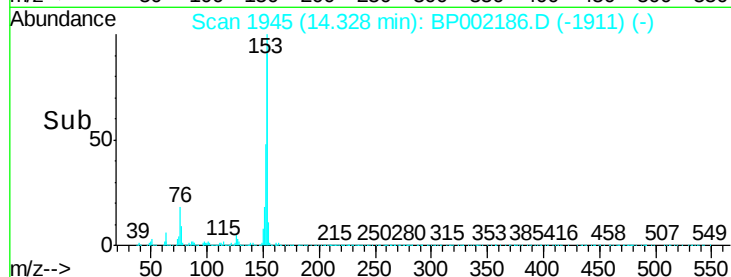
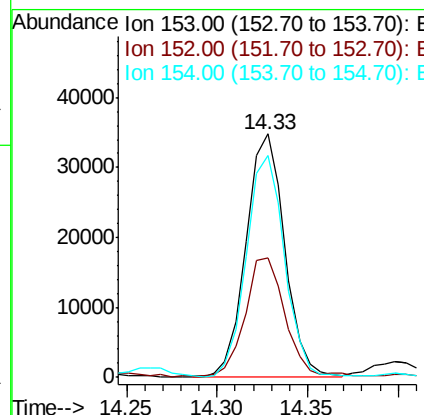
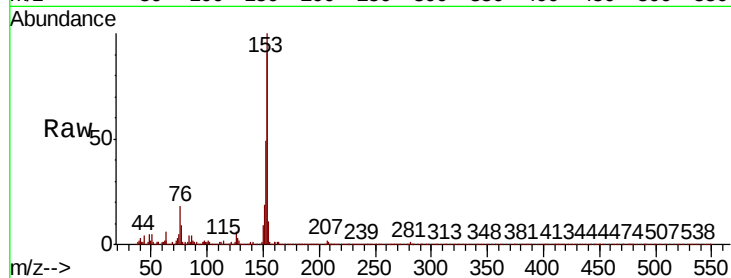
ClientSampleId :

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Tot Ion:	153	Resp:	51850
Ion Ratio	Lower	Upper	
153	100		
152	49.1	37.1	55.7
154	91.4	70.5	105.7

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#59

Fluorene

Concen: 1.552 ng/ul

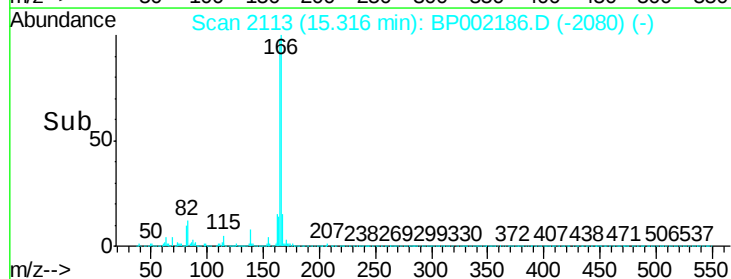
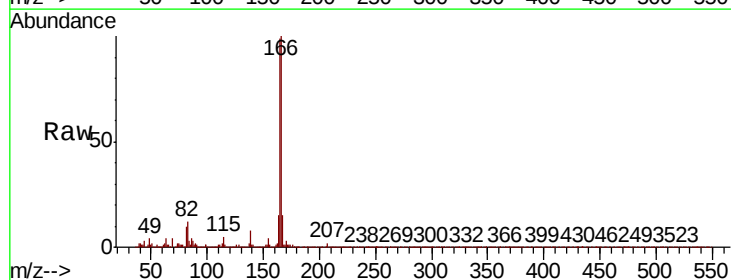
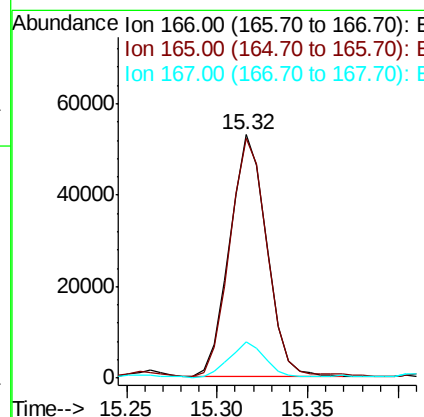
RT: 15.32 min Scan# 2113

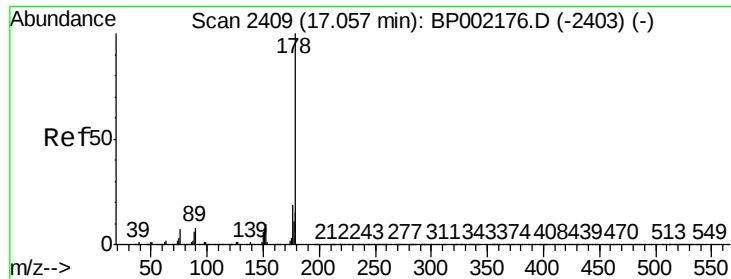
Delta R.T. -0.01 min

Lab File: BP002186.D

Acq: 12 Mar 2020 16:29

Tgt Ion:	166	Resp:	75552
Ion Ratio	Lower	Upper	
166	100		
165	98.6	78.1	117.1
167	15.0	10.7	16.1





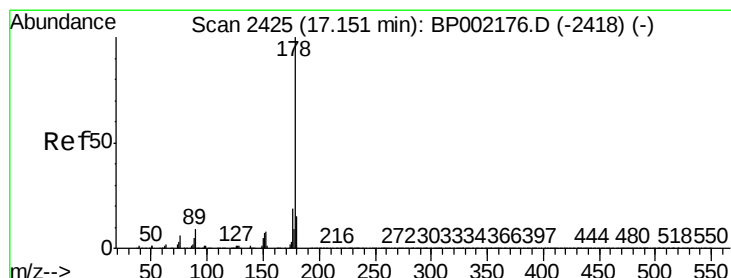
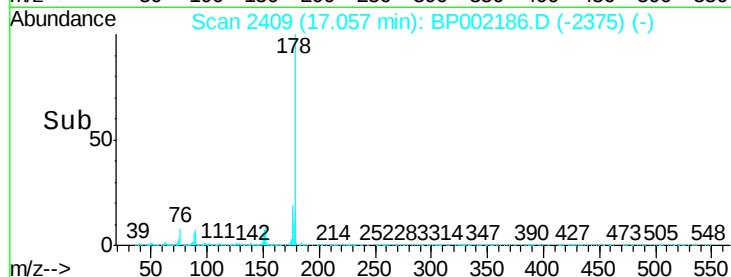
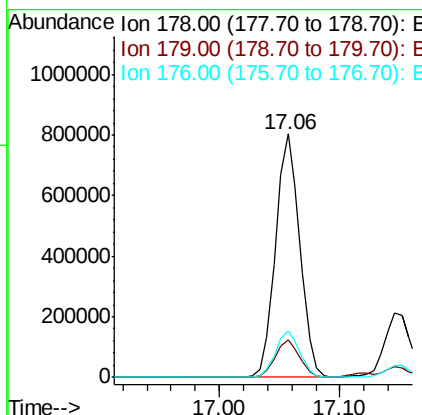
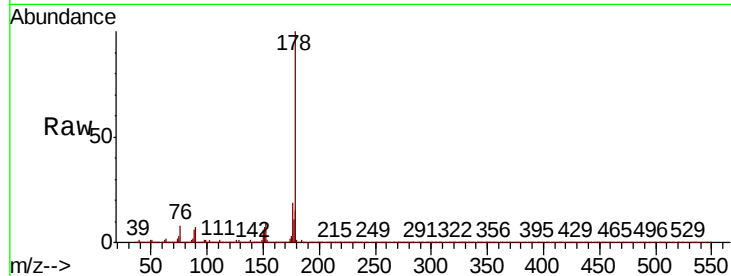
#70
Phenanthrene
Concen: 14.099 ng/ul
RT: 17.06 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BP002186.D
Acq: 12 Mar 2020 16:29

Instrument :
BNA_P
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.0	14.9	22.3

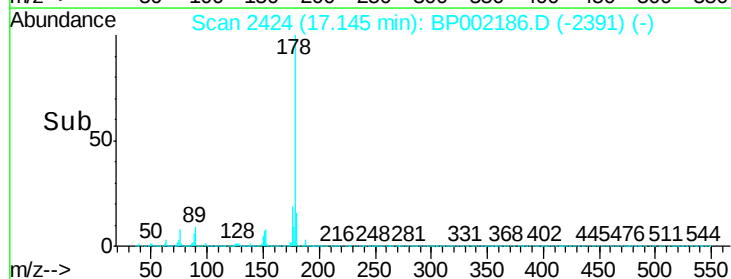
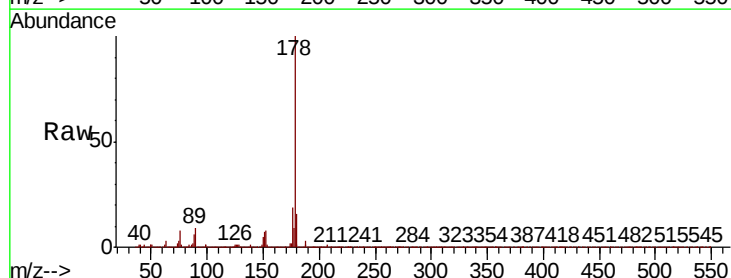
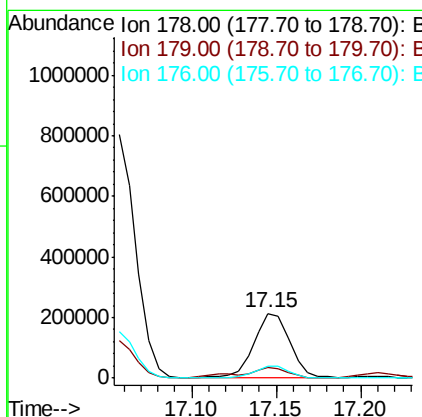
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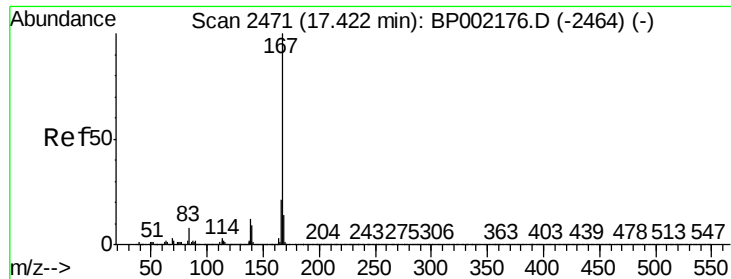
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#72
Anthracene
Concen: 4.054 ng/ul
RT: 17.15 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BP002186.D
Acq: 12 Mar 2020 16:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	18.9	14.6	22.0





#75

Carbazole

Concen: 1.667 ng/ul

RT: 17.42 min Scan# 2471

Delta R.T. 0.00 min

Lab File: BP002186.D

Acq: 12 Mar 2020 16:29

Instrument :

BNA_P

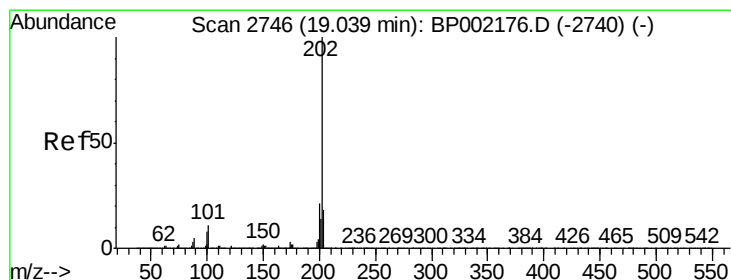
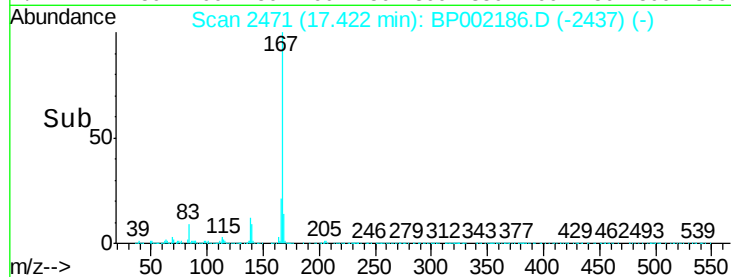
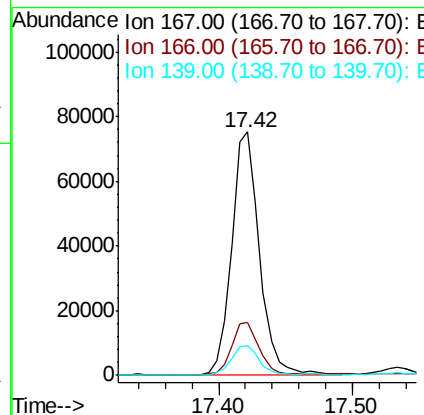
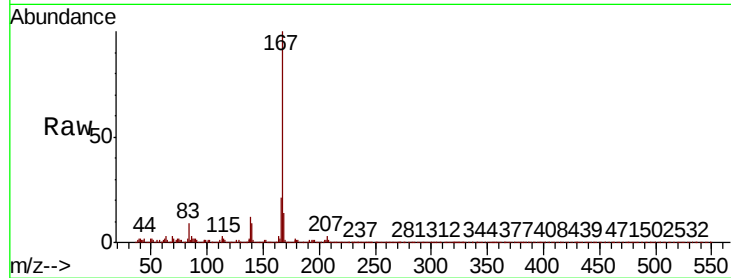
ClientSampleId :

C0AD0

Tot Ion:	167	Resp:	109780
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.2	25.8
139	12.4	10.1	15.1

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#77

Fluoranthene

Concen: 29.359 ng/ul

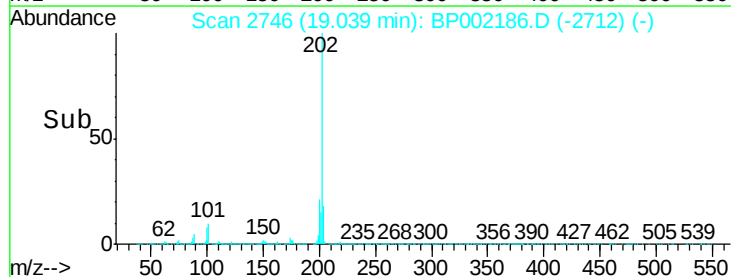
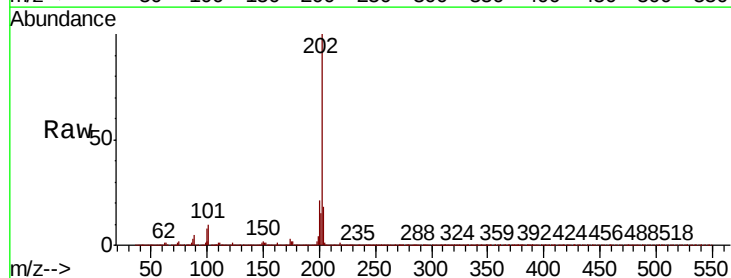
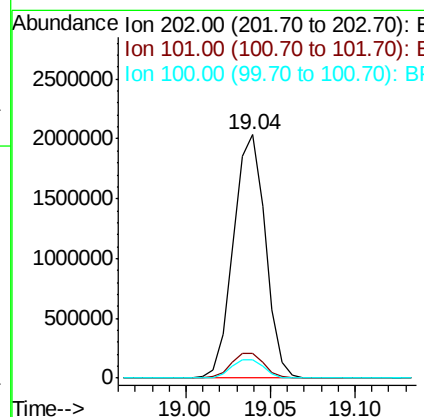
RT: 19.04 min Scan# 2746

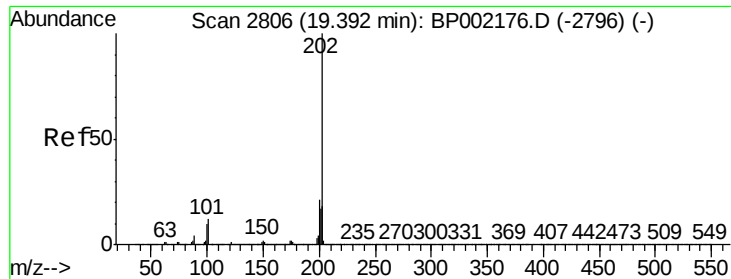
Delta R.T. 0.00 min

Lab File: BP002186.D

Acq: 12 Mar 2020 16:29

Tgt Ion:	202	Resp:	2675571
Ion Ratio	Lower	Upper	
202	100		
101	10.4	8.2	12.2
100	7.7	6.3	9.5





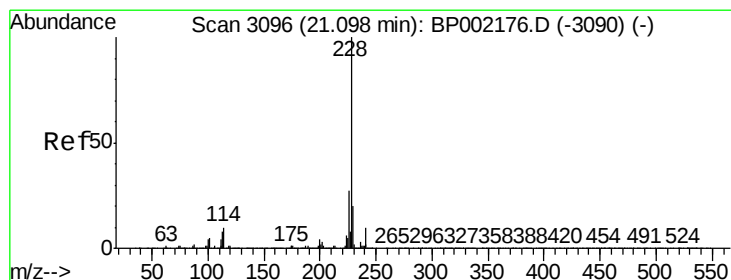
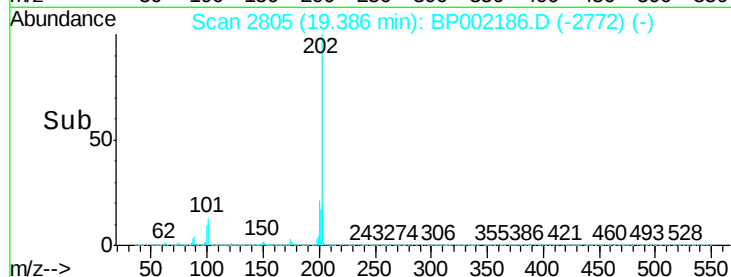
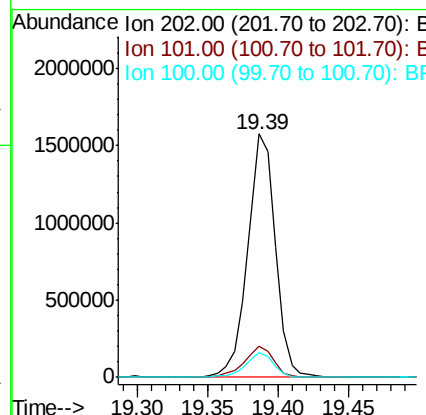
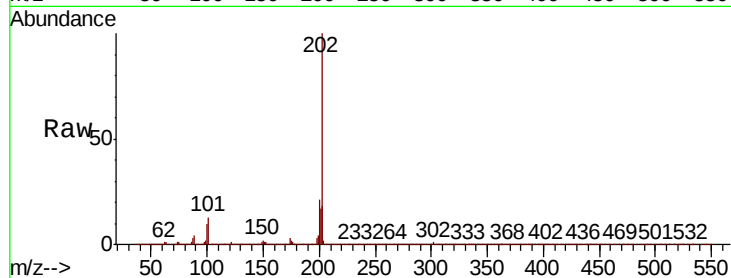
#80
Pvrene
Concen: 22.844 ng/ul
RT: 19.39 min Scan# 2805
Delta R.T. -0.01 min
Lab File: BP002186.D
Acq: 12 Mar 2020 16:29

Instrument :
BNA_P
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.3	13.9
100	10.3	7.6	11.4

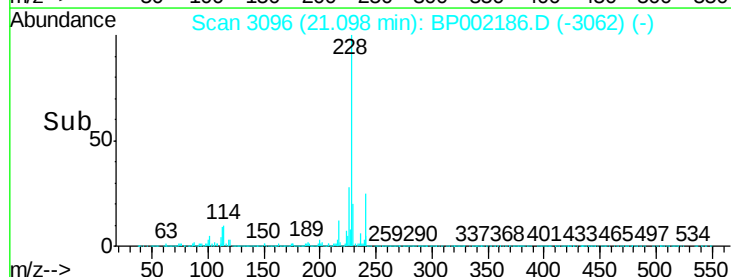
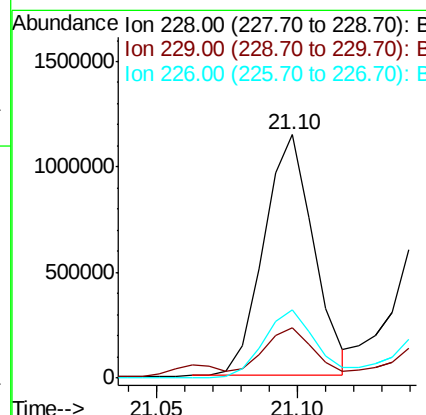
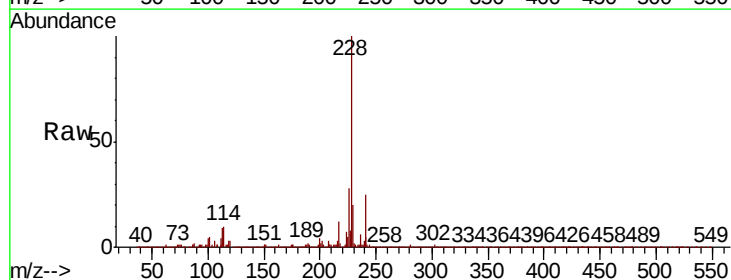
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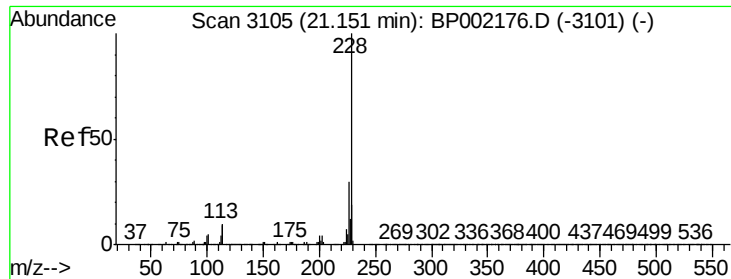
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#83
Benzo(a)anthracene
Concen: 14.820 ng/ul
RT: 21.10 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BP002186.D
Acq: 12 Mar 2020 16:29

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	28.2	21.4	32.0





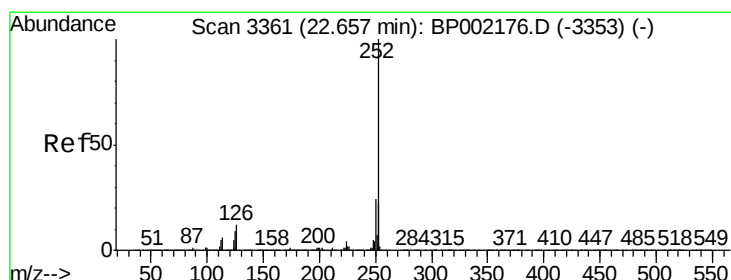
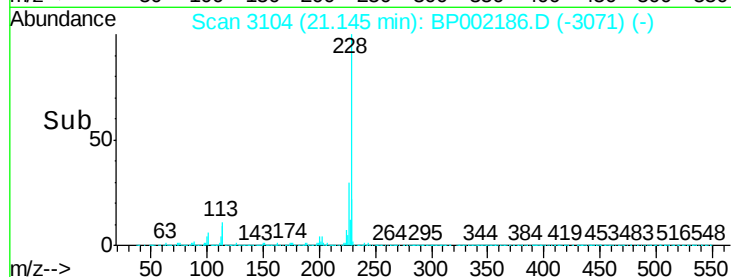
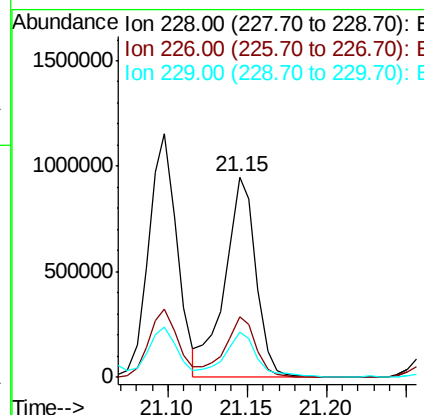
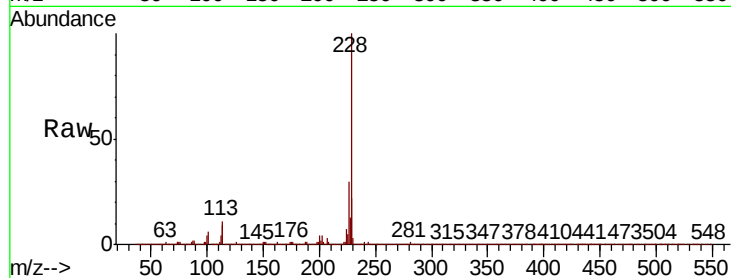
#85
Chrysene
Concen: 14.400 ng/ul
RT: 21.15 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP002186.D
Acq: 12 Mar 2020 16:29

Instrument :
BNA_P
ClientSampleId :
C0AD0

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	22.5	15.9	23.9

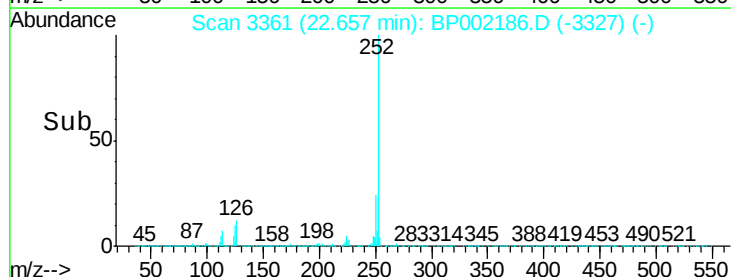
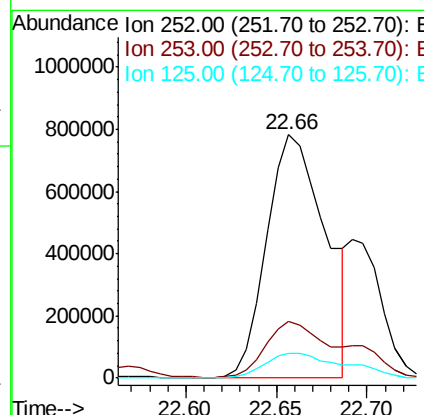
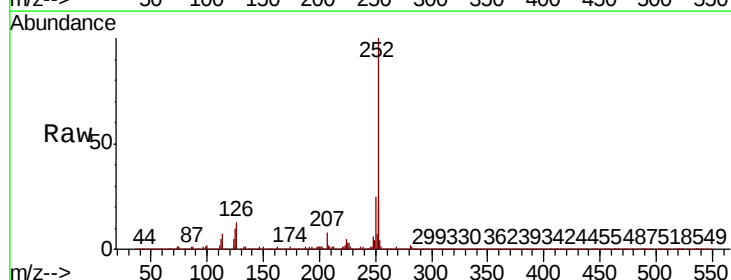
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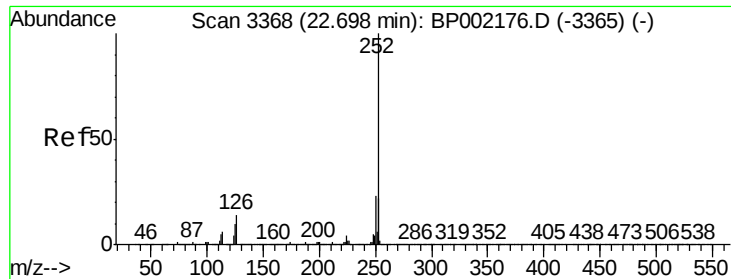
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#88
Benzo(b)fluoranthene
Concen: 16.962 ng/ul
RT: 22.66 min Scan# 3361
Delta R.T. 0.00 min
Lab File: BP002186.D
Acq: 12 Mar 2020 16:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	10.4	7.4	11.0





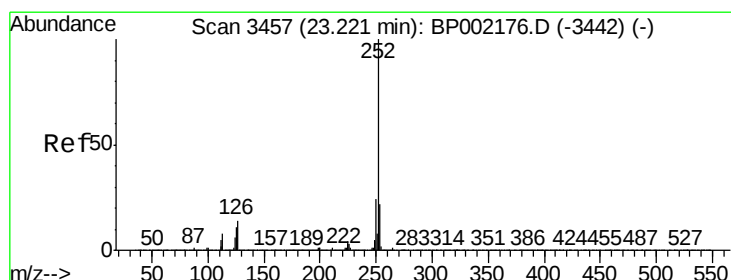
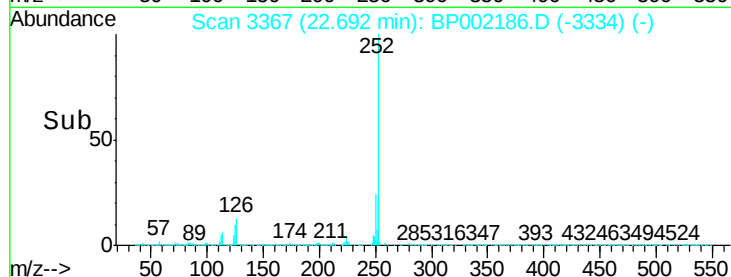
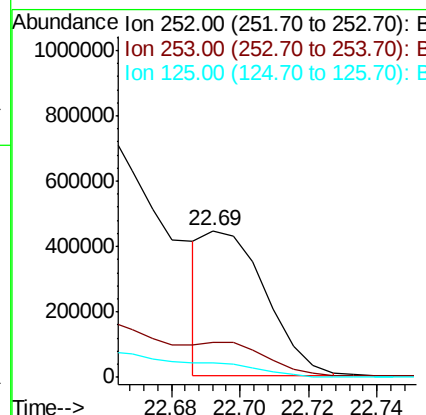
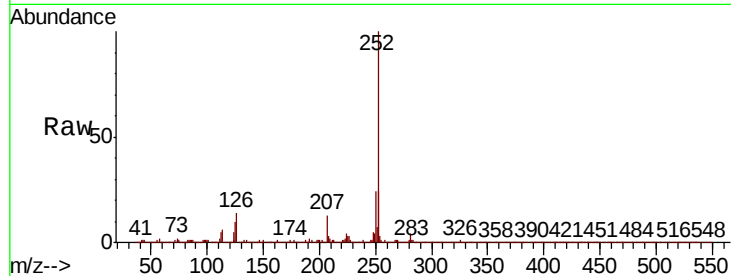
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Benzo(k)fluoranthene
Concen: 5.335 ng/ul m
RT: 22.69 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BP002186.D
Acq: 12 Mar 2020 16:29

Instrument :
BNA_P
ClientSampled :
C0AD0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	9.8	7.4	11.0

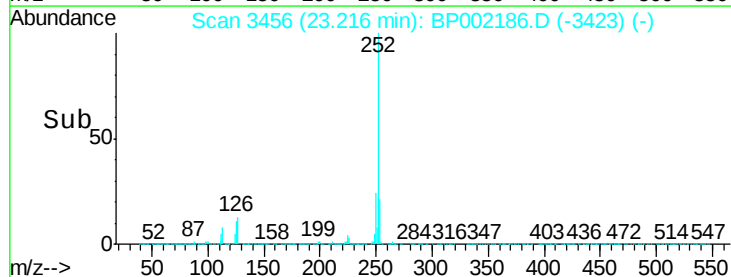
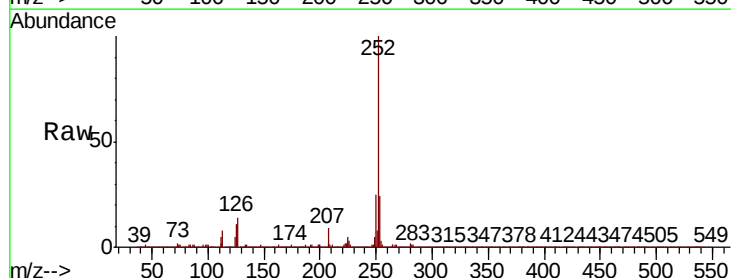
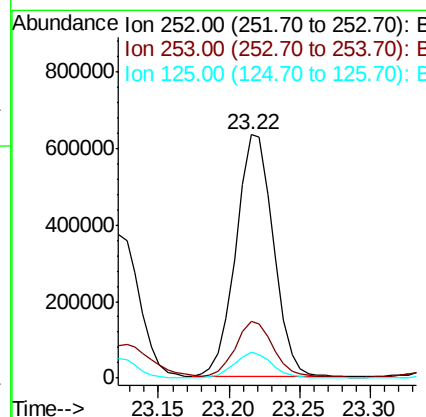
Manual Integrations
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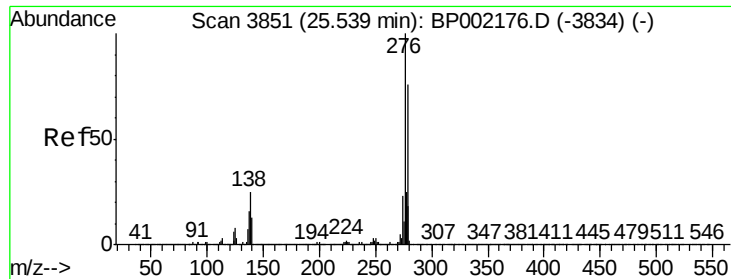
mohammad
3/13/2020 8:57:26 AM



#91
Benzo(a)pyrene
Concen: 12.415 ng/ul
RT: 23.22 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BP002186.D
Acq: 12 Mar 2020 16:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	10.8	8.2	12.2





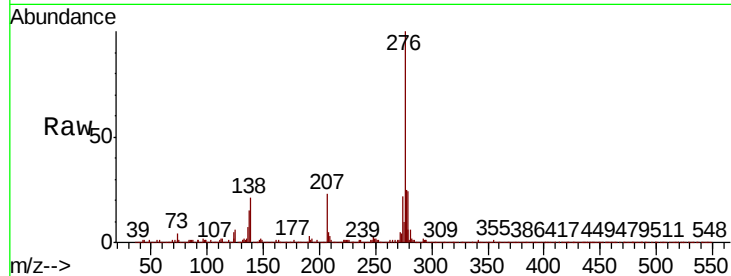
#92
Indeno(1,2,3-cd)pyrene
Concen: 6.085 ng/ul
RT: 25.53 min Scan# 3849
Delta R.T. -0.01 min
Lab File: BP002186.D
Acq: 12 Mar 2020 16:29

Instrument :
BNA_P
ClientSampleId :
C0AD0

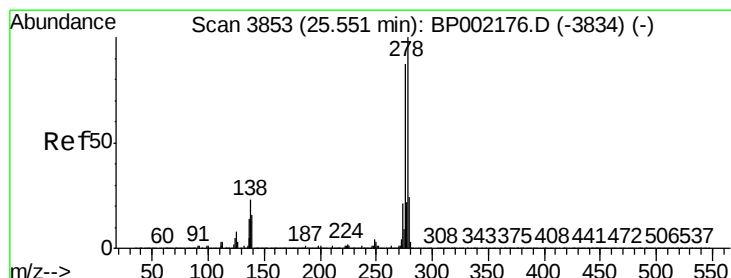
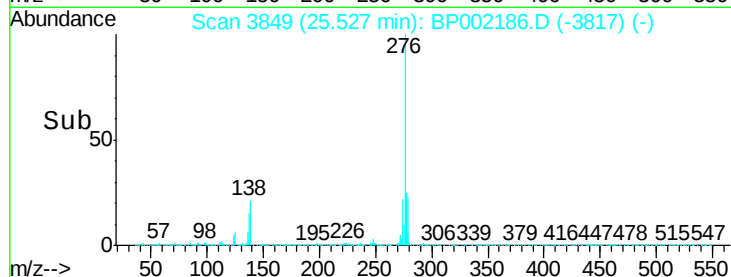
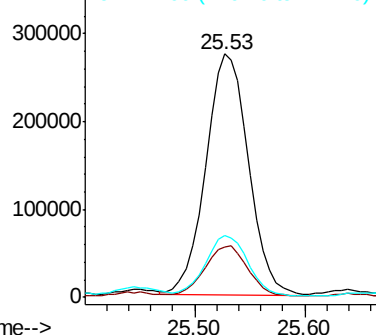
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.9	18.6	28.0
277	25.4	20.4	30.6

Manual Integrations
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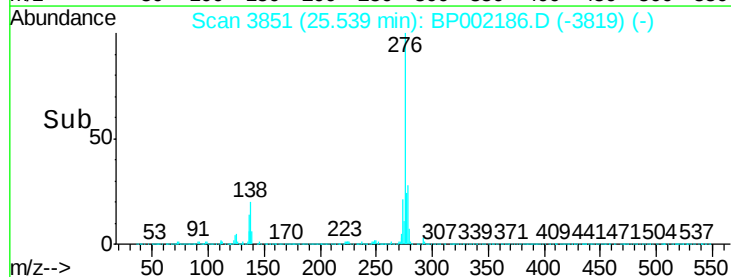
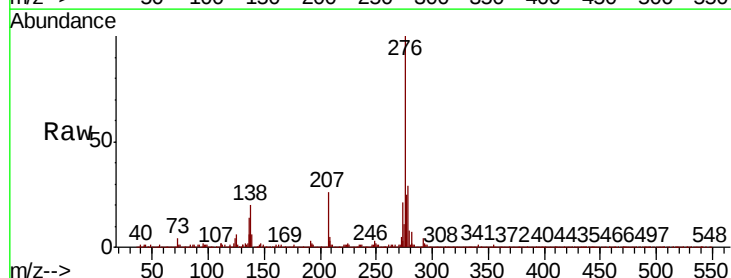
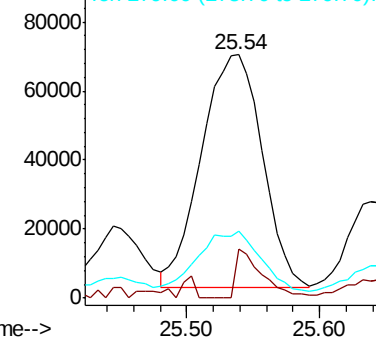
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

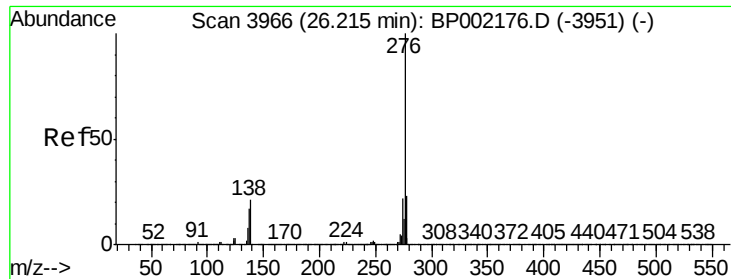


#93
Dibenzo(a,h)anthracene
Concen: 2.105 ng/ul m
RT: 25.54 min Scan# 3851
Delta R.T. -0.01 min
Lab File: BP002186.D
Acq: 12 Mar 2020 16:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	12.1	18.1#
279	27.4	19.1	28.7

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 4.881 ng/ul

RT: 26.20 min Scan# 3964

Delta R.T. -0.01 min

Lab File: BP002186.D

Acq: 12 Mar 2020 16:29

Instrument :

BNA_P

ClientSampleId :

C0AD0

Tot Ion:	276	Resp:	505253
Ion Ratio	Lower	Upper	
276	100		
138	20.7	16.2	24.2
277	24.8	18.1	27.1

Manual Integrations
APPROVED

mohammad
3/13/2020 8:57:26 AM

