

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
 Data File : BP002182.D
 Acq On : 12 Mar 2020 14:13
 Operator : CG/JU
 Sample : L1786-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

mohammad
 3/13/2020 8:57:17 AM

Quant Time: Mar 13 02:05:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 09 15:02:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	279535	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.40	136	1171213	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.26	164	729538	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	1600326	20.00	ng/ul	-0.01
78) Chrysene-d12	21.11	240	1633873	20.00	ng/ul	-0.01
86) Perylene-d12	23.32	264	1987403	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	10405	1.60	ng/uL	-0.01
5) Phenol-d5	6.81	99	155710	7.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	105944	9.38	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.16	132	142289	7.71	ng/ul	-0.01
13) 4-Methylphenol-d8	8.33	113	120193	6.86	ng/ul	-0.01
19) Nitrobenzene-d5	8.77	128	63862	7.10	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.49	143	65589	6.48	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.03	165	125953	6.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	159963	7.48	ng/ul	-0.01
44) Dimethylphthalate-d6	13.68	166	446387	8.09	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	461469	6.99	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.48	143	25281	2.40	ng/ul	0.00
58) Fluorene-d10	15.26	176	385592	8.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	29472	3.34	ng/ul	0.00
71) Anthracene-d10	17.12	188	534057	7.43	ng/ul	0.00
79) Pyrene-d10	19.36	212	627167	7.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	679999	6.69	ng/ul	-0.01

Target Compounds

					Ovalue
28) Naphthalene	10.45	128	71469	1.139 ng/ul	99
45) Dimethylphthalate	13.73	163	73892	1.297 ng/ul	99
50) Acenaphthene	14.33	153	62988	1.338 ng/ul	98
59) Fluorene	15.32	166	88674	1.669 ng/ul	98
70) Phenanthrene	17.06	178	971343	11.018 ng/ul	99
72) Anthracene	17.15	178	280629	3.215 ng/ul	99
75) Carbazole	17.42	167	107429	1.462 ng/ul	99
77) Fluoranthene	19.04	202	1487302	14.624 ng/ul	100
80) Pvrene	19.39	202	1161546	10.442 ng/ul	98
83) Benzo(a)anthracene	21.10	228	795655	7.198 ng/ul	98
85) Chrysene	21.15	228	704135	6.677 ng/ul	97
88) Benzo(b)fluoranthene	22.66	252	932229	7.480 ng/ul	97
89) Benzo(k)fluoranthene	22.69	252	295853m	2.425 ng/ul	
91) Benzo(a)pyrene	23.22	252	589798	5.213 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.53	276	360138	2.456 ng/ul	97
94) Benzo(g,h,i)perylene	26.20	276	238702	1.928 ng/ul	100

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

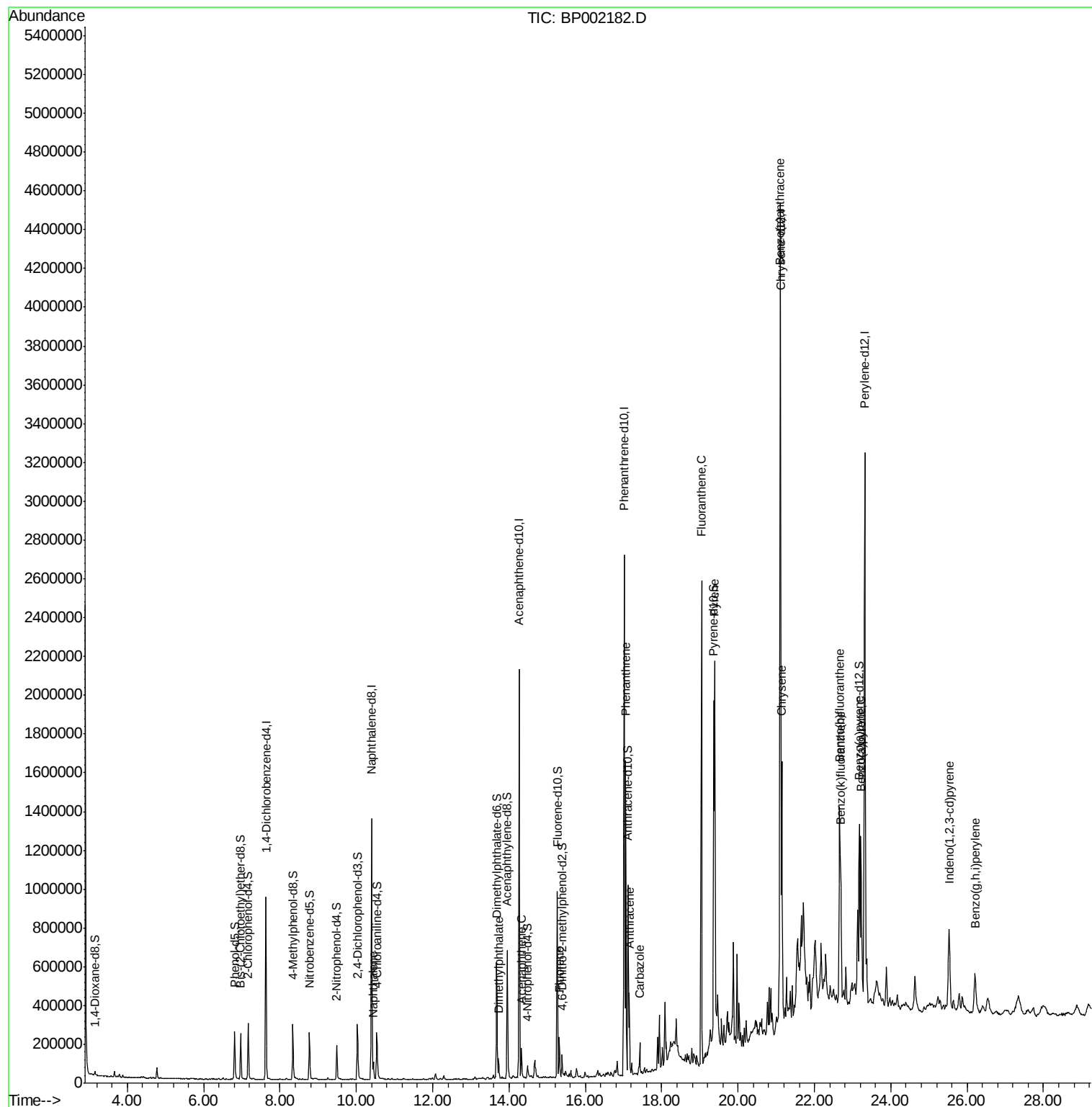
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002182.D
Acq On : 12 Mar 2020 14:13
Operator : CG/JU
Sample : L1786-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

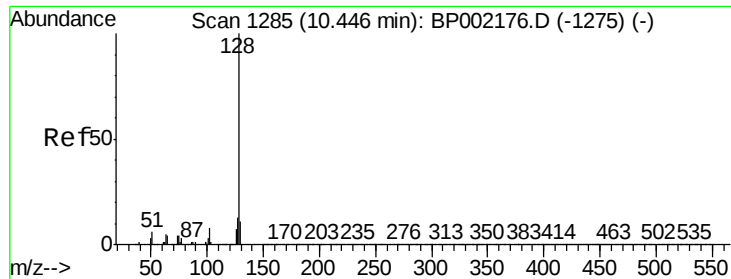
Instrument :
BNA_P
ClientSampleId :
C0AC7

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
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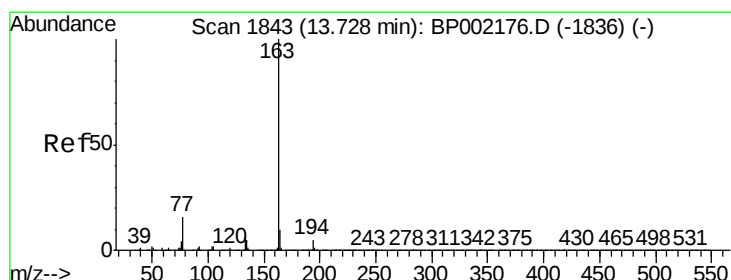
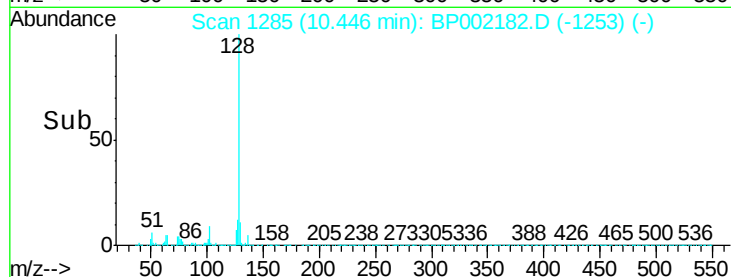
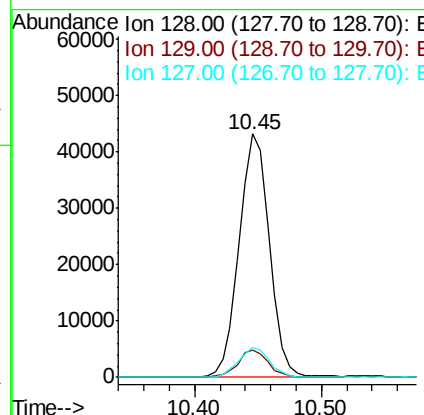
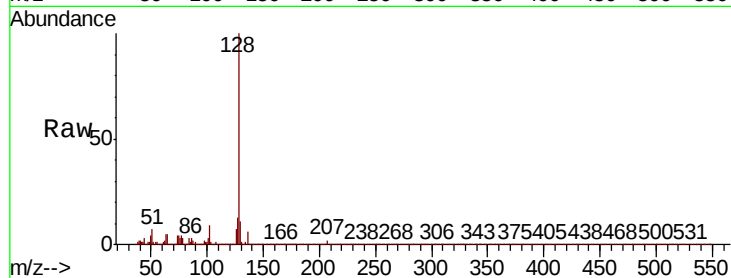
#28
Naphthalene
Concen: 1.139 ng/ul
RT: 10.45 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BP002182.D
Acq: 12 Mar 2020 14:13

Instrument :
BNA_P
ClientSampleId :
C0AC7

Tot Ion:128	Resp:	71469
Ion Ratio	Lower	Upper
128 100		
129 11.5	8.8	13.2
127 12.5	10.2	15.2

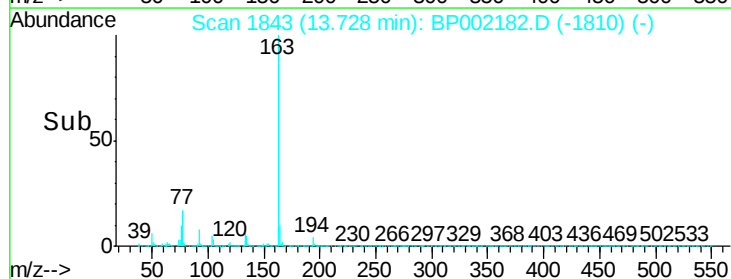
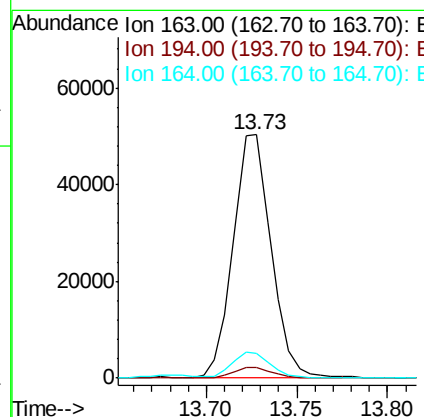
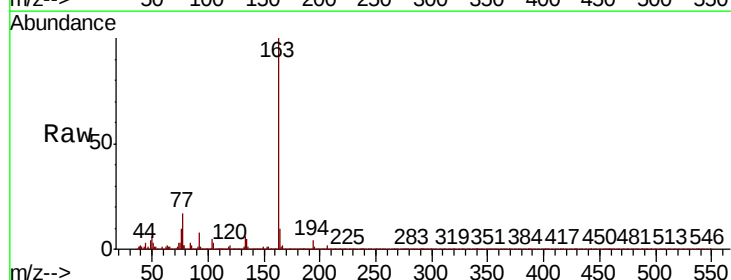
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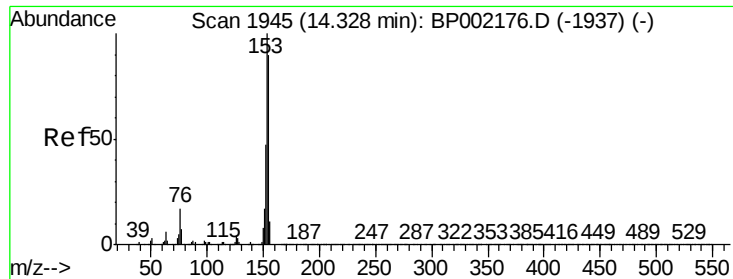
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#45
Dimethylphthalate
Concen: 1.297 ng/ul
RT: 13.73 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP002182.D
Acq: 12 Mar 2020 14:13

Tgt Ion:163	Resp:	73892
Ion Ratio	Lower	Upper
163 100		
194 4.4	3.6	5.4
164 9.9	8.2	12.4





#50

Acenaphthene

Concen: 1.338 ng/ul

RT: 14.33 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BP002182.D

Acq: 12 Mar 2020 14:13

Instrument :

BNA_P

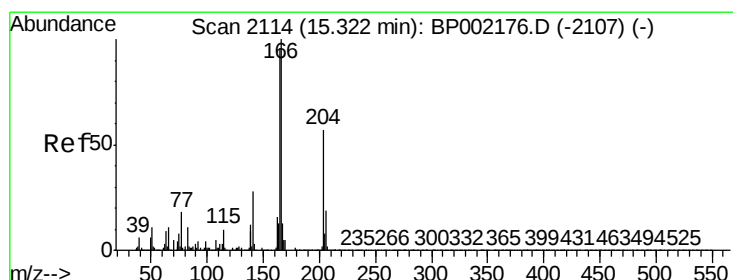
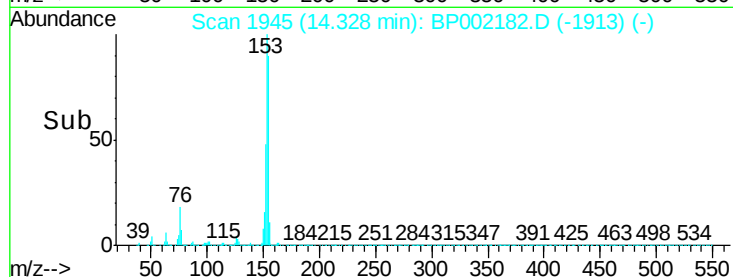
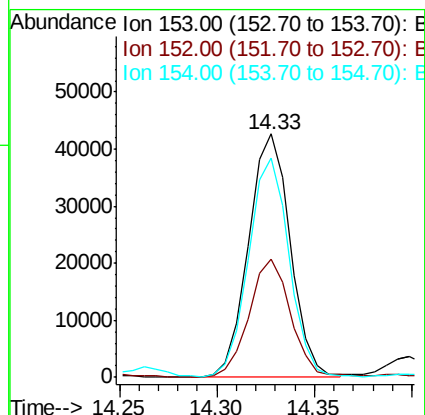
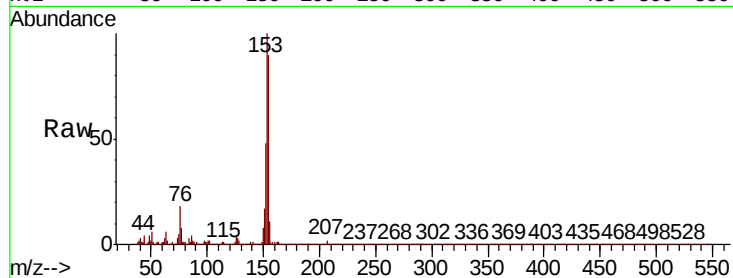
ClientSampleId :

C0AC7

Tot Ion:	153	Resp:	62988
Ion Ratio	Lower	Upper	
153	100		
152	48.3	37.1	55.7
154	89.9	70.5	105.7

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#59

Fluorene

Concen: 1.669 ng/ul

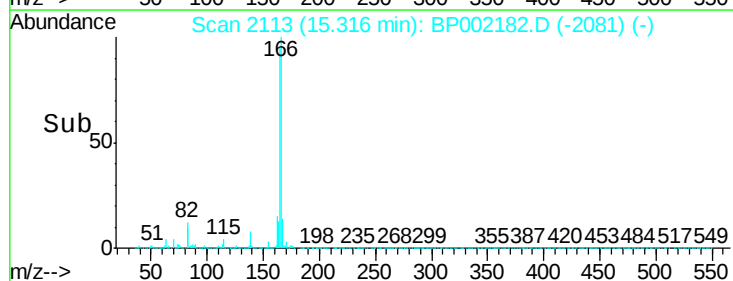
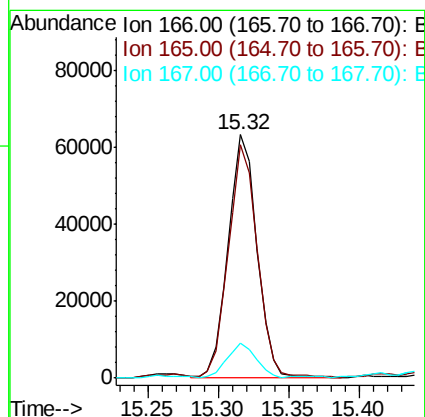
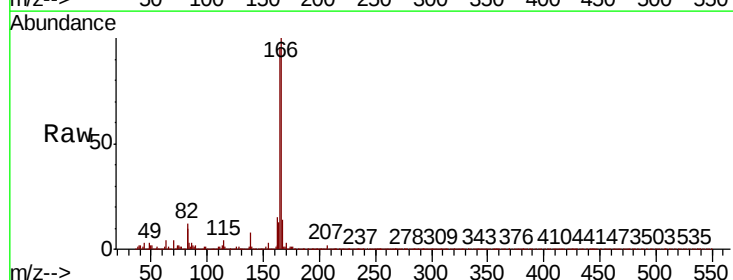
RT: 15.32 min Scan# 2113

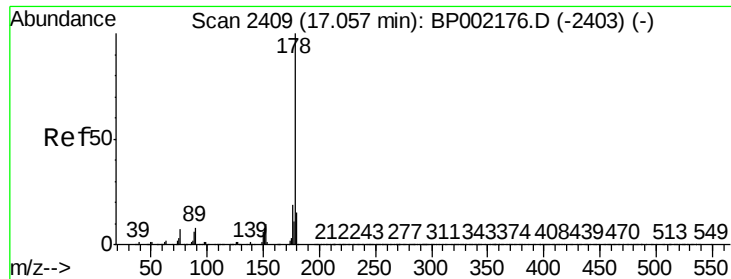
Delta R.T. -0.01 min

Lab File: BP002182.D

Acq: 12 Mar 2020 14:13

Tgt Ion:	166	Resp:	88674
Ion Ratio	Lower	Upper	
166	100		
165	95.6	78.1	117.1
167	14.2	10.7	16.1





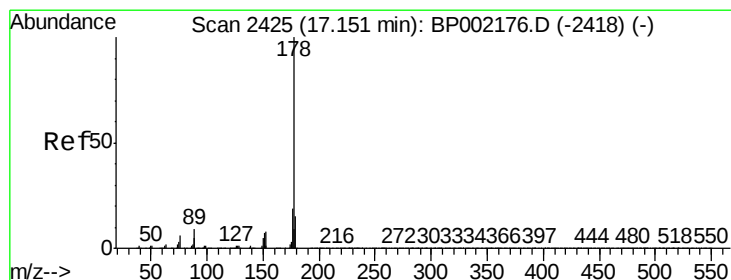
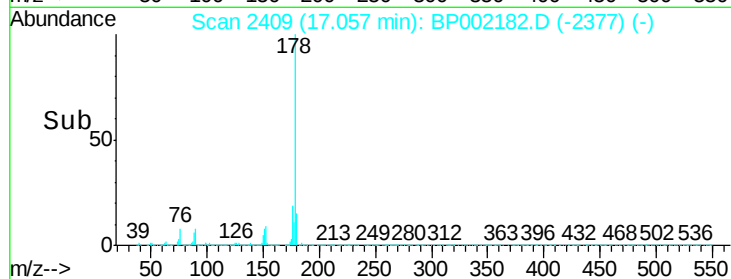
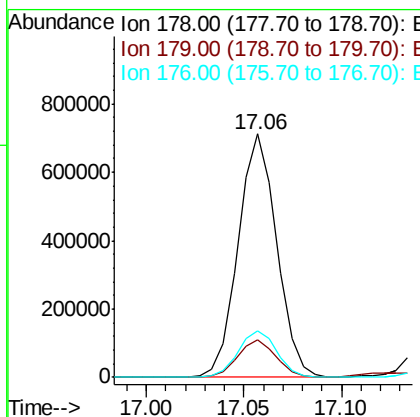
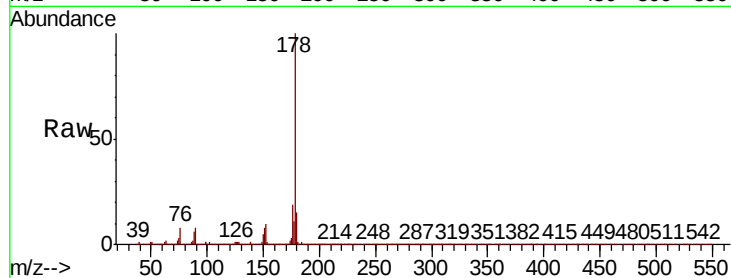
#70
Phenanthrene
Concen: 11.018 ng/ul
RT: 17.06 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BP002182.D
Acq: 12 Mar 2020 14:13

Instrument :
BNA_P
ClientSampleId :
C0AC7

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

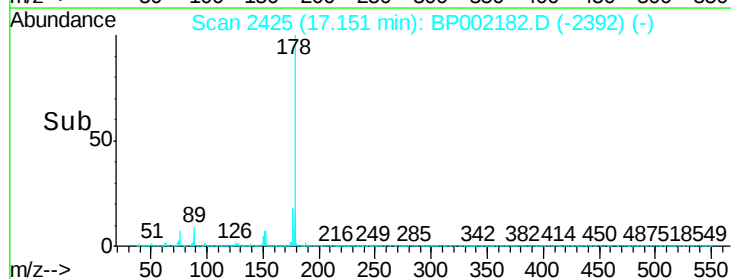
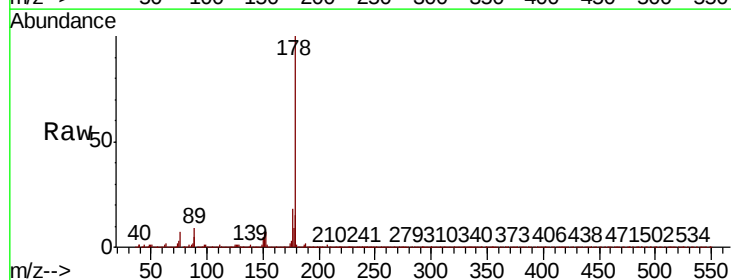
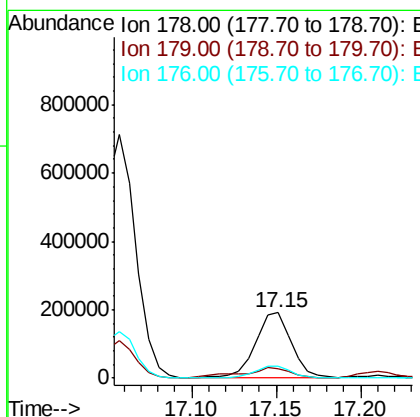
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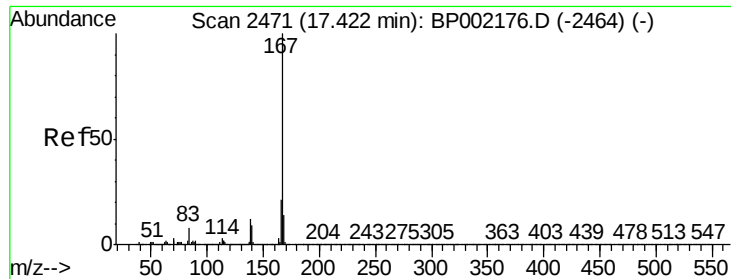
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#72
Anthracene
Concen: 3.215 ng/ul
RT: 17.15 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BP002182.D
Acq: 12 Mar 2020 14:13

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.8	19.2
176	18.1	14.6	22.0





#75

Carbazole

Concen: 1.462 ng/ul

RT: 17.42 min Scan# 2471

Delta R.T. -0.01 min

Lab File: BP002182.D

Acq: 12 Mar 2020 14:13

Instrument :

BNA_P

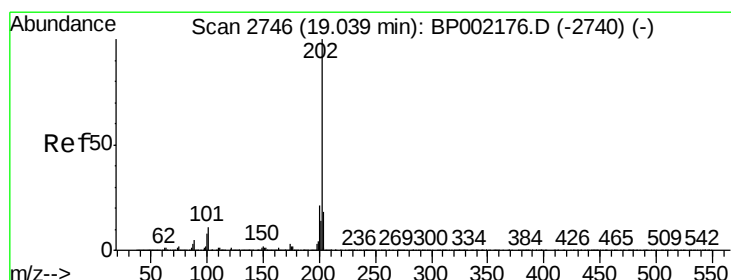
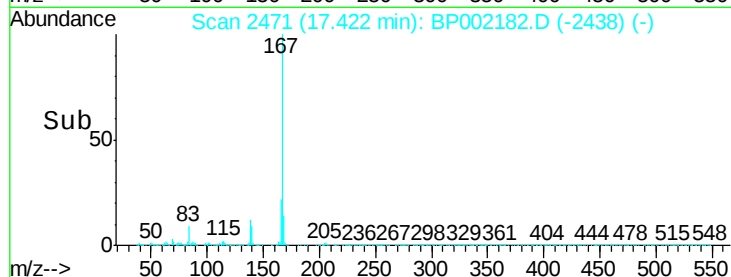
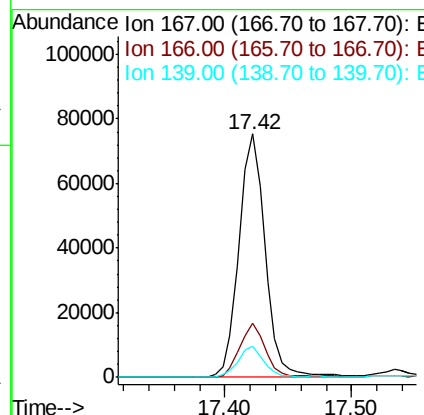
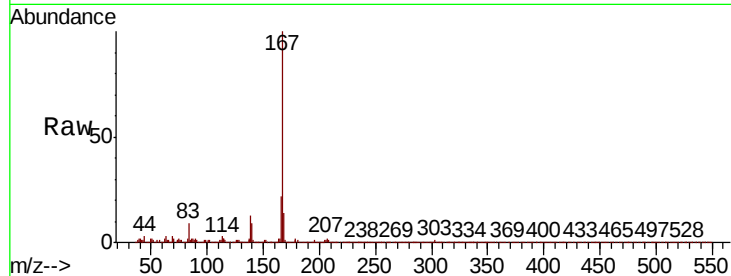
ClientSampled :

C0AC7

Tot Ion:	167	Resp:	107429
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.2	25.8
139	12.7	10.1	15.1

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#77

Fluoranthene

Concen: 14.624 ng/ul

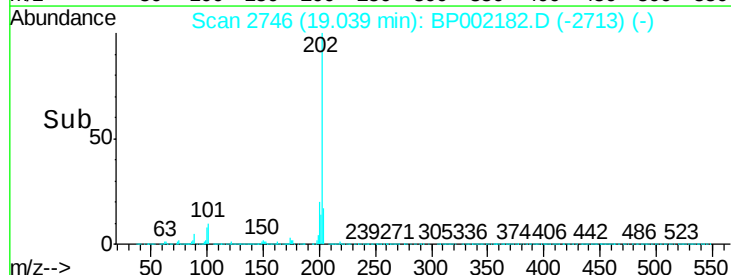
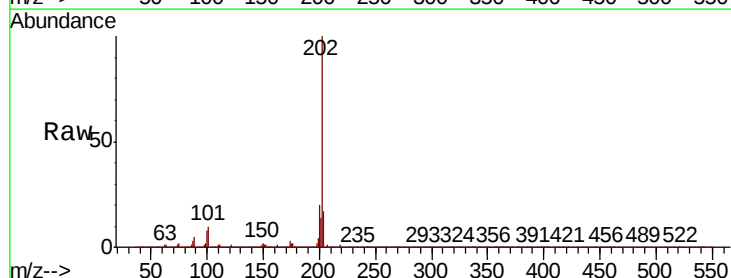
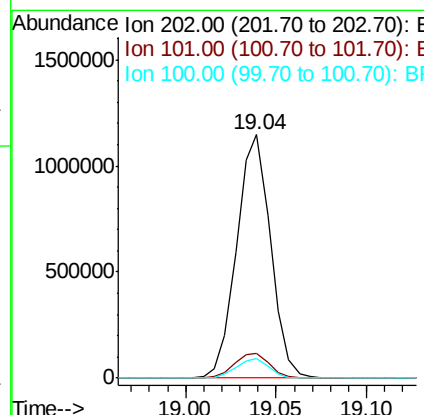
RT: 19.04 min Scan# 2746

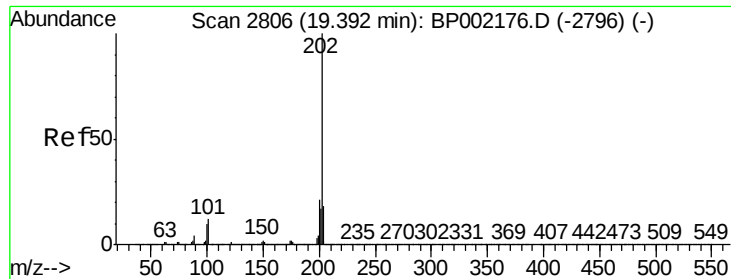
Delta R.T. -0.01 min

Lab File: BP002182.D

Acq: 12 Mar 2020 14:13

Tgt Ion:	202	Resp:	1487302
Ion Ratio	Lower	Upper	
202	100		
101	10.3	8.2	12.2
100	7.8	6.3	9.5





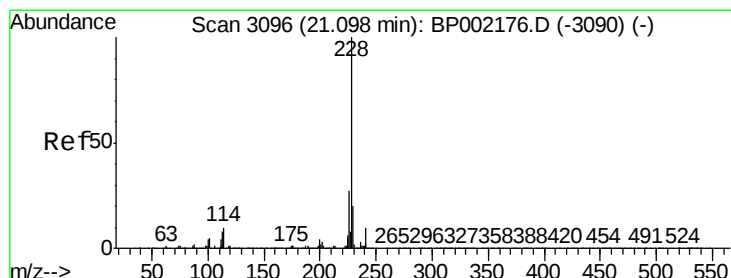
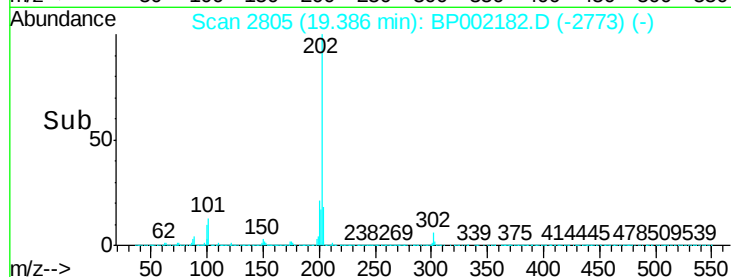
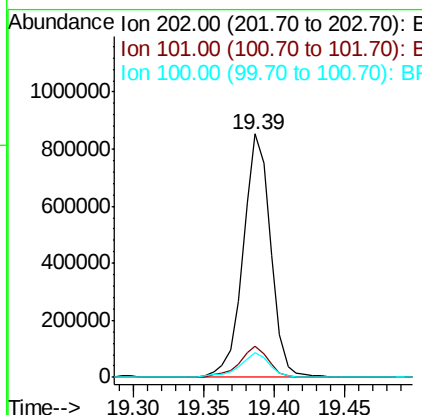
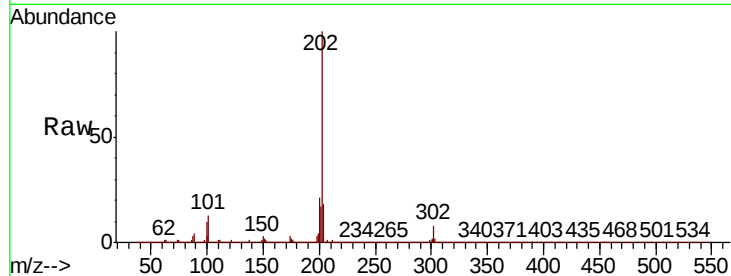
#80
Pvrene
Concen: 10.442 ng/ul
RT: 19.39 min Scan# 2805
Delta R.T. -0.01 min
Lab File: BP002182.D
Acq: 12 Mar 2020 14:13

Instrument :
BNA_P
ClientSampleId :
C0AC7

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

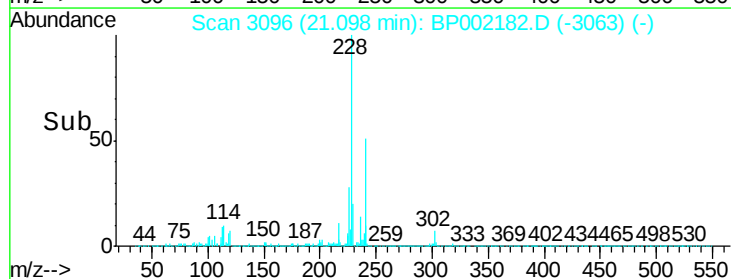
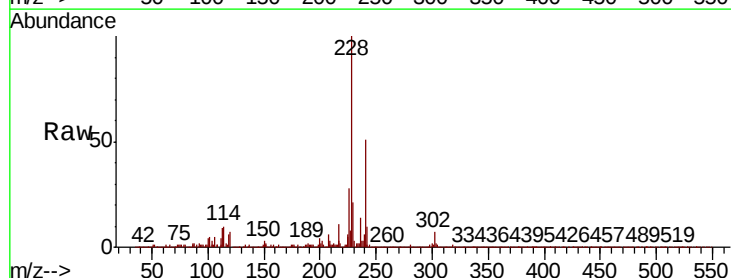
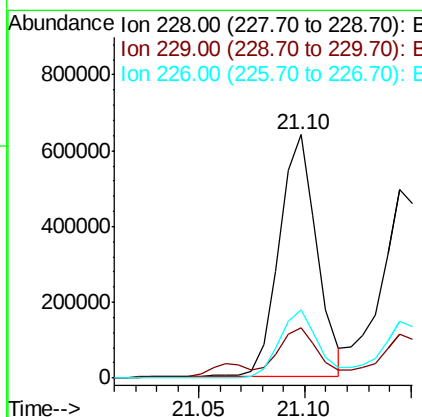
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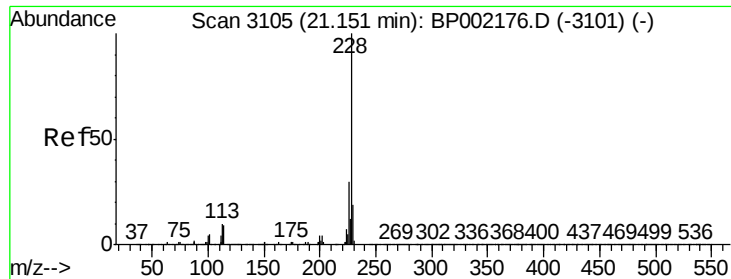
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#83
Benzo(a)anthracene
Concen: 7.198 ng/ul
RT: 21.10 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BP002182.D
Acq: 12 Mar 2020 14:13

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	28.0	21.4	32.0





#85

Chrysene

Concen: 6.677 ng/ul

RT: 21.15 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BP002182.D

Acq: 12 Mar 2020 14:13

Instrument :

BNA_P

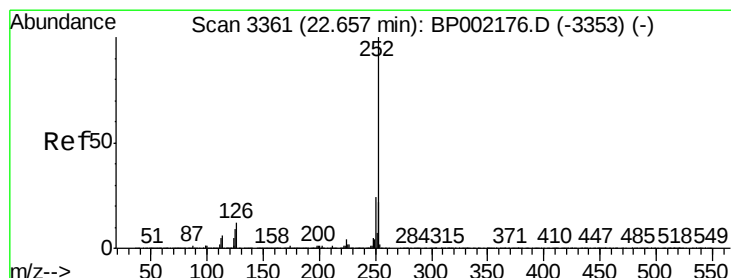
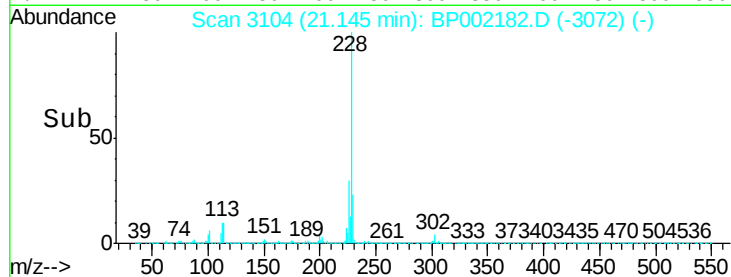
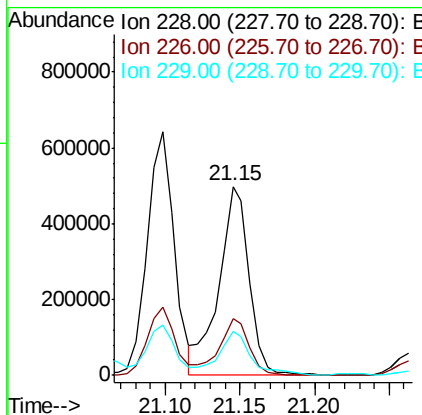
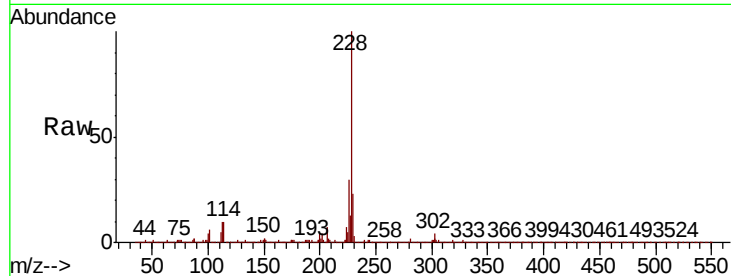
ClientSampleId :

C0AC7

Tot Ion:	228	Resp:	704135
Ion Ratio		Lower	Upper
228	100		
226	30.1	24.4	36.6
229	23.0	15.9	23.9

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#88

Benzo(b)fluoranthene

Concen: 7.480 ng/ul

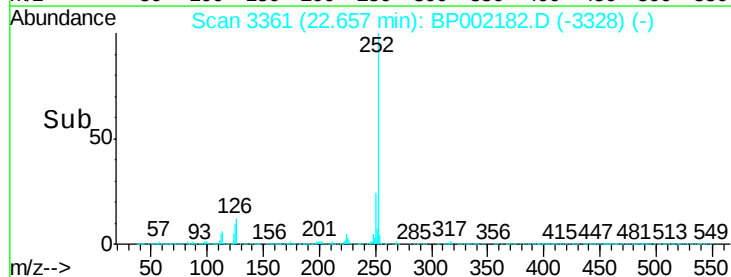
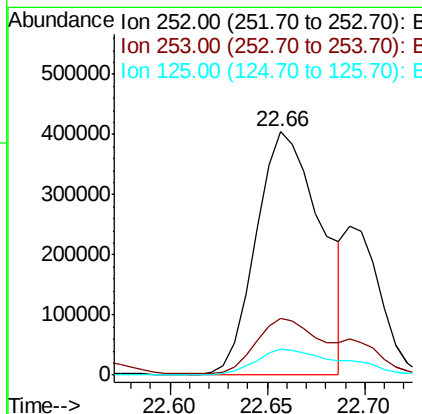
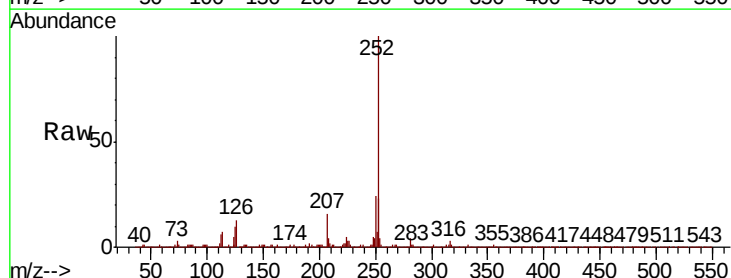
RT: 22.66 min Scan# 3361

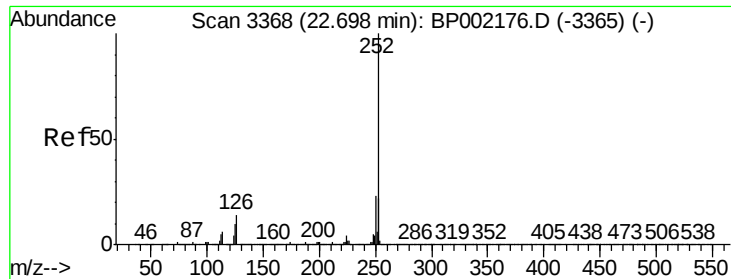
Delta R.T. -0.01 min

Lab File: BP002182.D

Acq: 12 Mar 2020 14:13

Tgt Ion:	252	Resp:	932229
Ion Ratio		Lower	Upper
252	100		
253	23.1	17.5	26.3
125	10.5	7.4	11.0





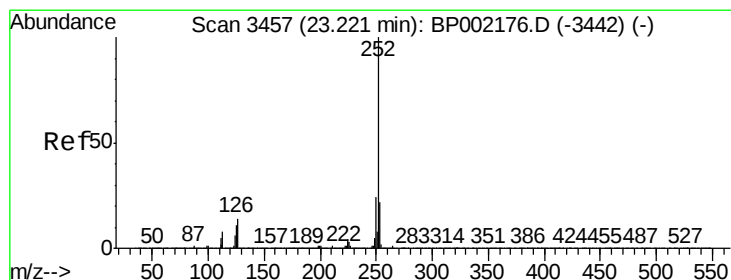
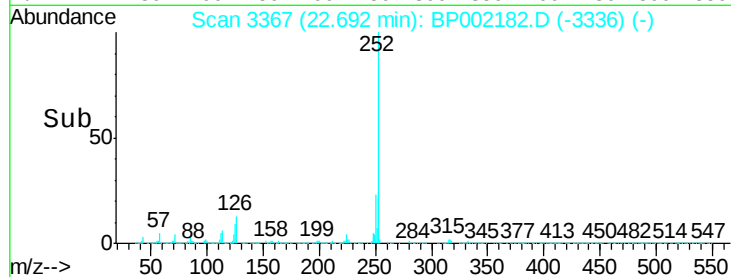
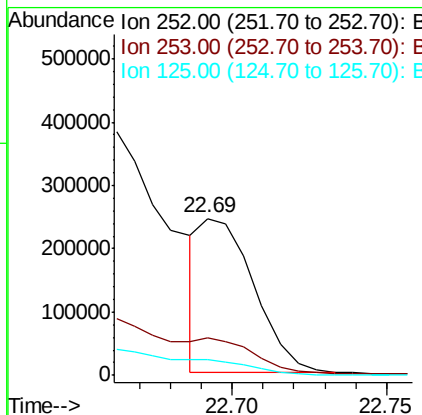
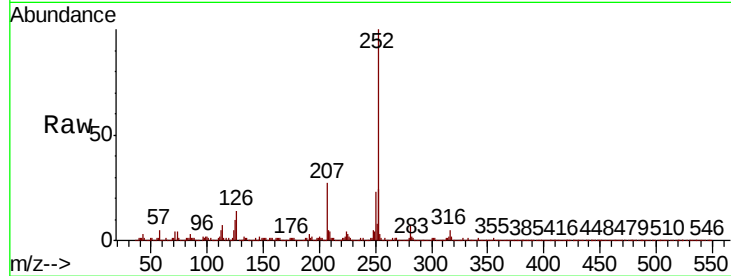
#89
Benzo(k)fluoranthene
Concen: 2.425 ng/ul m
RT: 22.69 min Scan# 3367
Delta R.T. -0.02 min
Lab File: BP002182.D
Acq: 12 Mar 2020 14:13

Instrument :
BNA_P
ClientSampled :
C0AC7

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	10.1	7.4	11.0

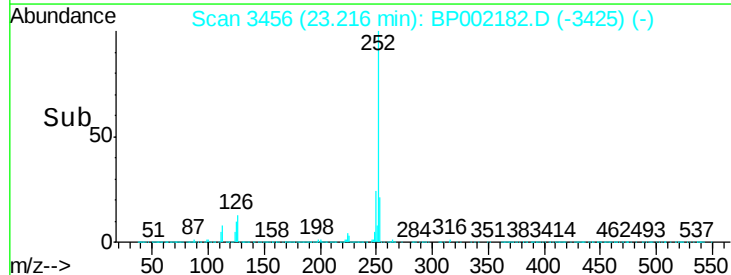
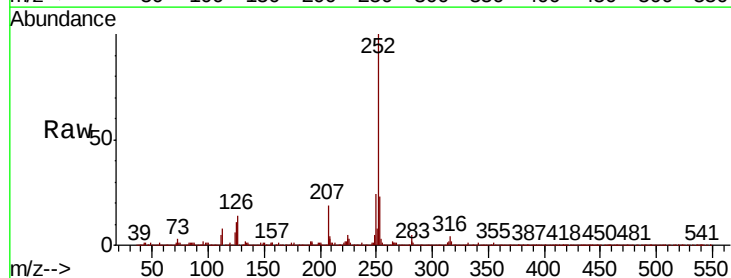
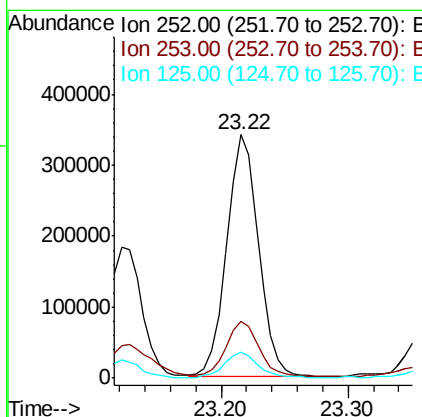
Manual Integrations
APPROVED

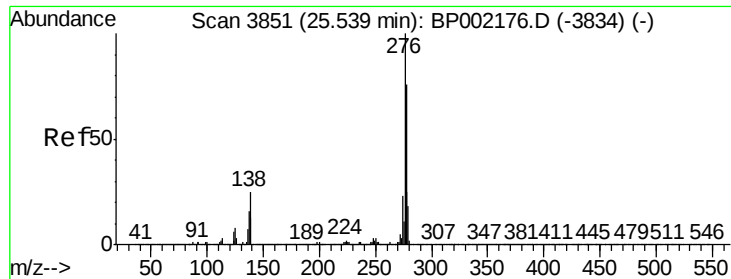
mohammad
3/13/2020 8:57:17 AM



#91
Benzo(a)pyrene
Concen: 5.213 ng/ul
RT: 23.22 min Scan# 3456
Delta R.T. -0.02 min
Lab File: BP002182.D
Acq: 12 Mar 2020 14:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	10.6	8.2	12.2





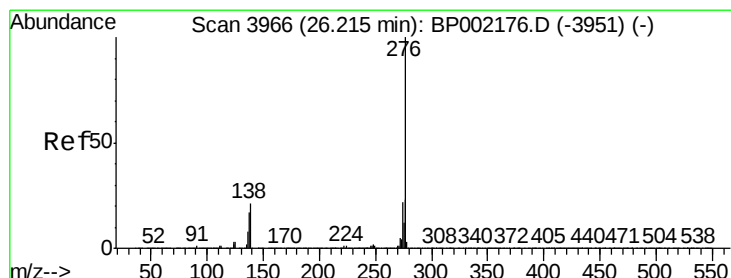
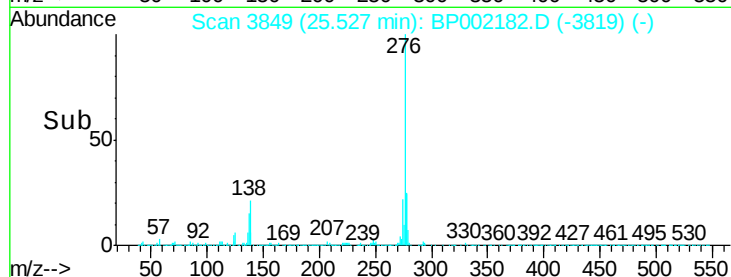
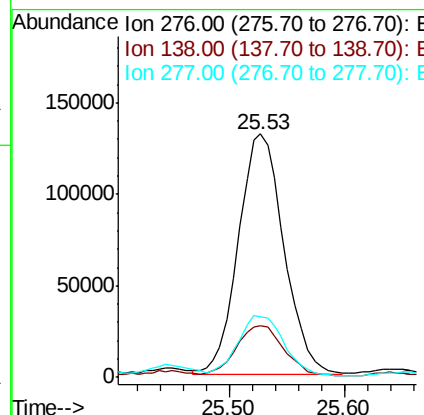
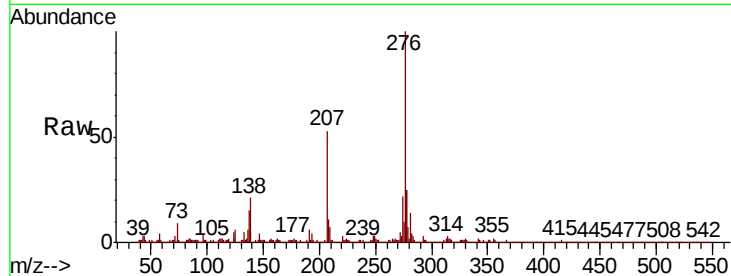
#92
Indeno(1,2,3-cd)pyrene
Concen: 2.456 ng/ul
RT: 25.53 min Scan# 3849
Delta R.T. -0.02 min
Lab File: BP002182.D
Acq: 12 Mar 2020 14:13

Instrument :
BNA_P
ClientSampleId :
C0AC7

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.4	18.6	28.0
277	24.7	20.4	30.6

Manual Integrations
APPROVED

mohammad
3/13/2020 8:57:17 AM



#94
Benzo(g,h,i)perylene
Concen: 1.928 ng/ul
RT: 26.20 min Scan# 3964
Delta R.T. -0.02 min
Lab File: BP002182.D
Acq: 12 Mar 2020 14:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	16.2	24.2
277	22.8	18.1	27.1

