

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
 Data File : BM025638.D
 Acq On : 18 Mar 2020 21:10
 Operator : CG/JU
 Sample : L1786-06DL 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC2DL

Manual Integrations
 APPROVED

mohammad
 3/19/2020 12:43:35 PM

Quant Time: Mar 19 12:15:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 05:07:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2529	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	10305	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	6557	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	15270	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	15693	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	16703	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	422	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1184	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	3263	0.107	ng/ul	96
5) 2-Methylnaphthalene	12.02	142	1681	0.077	ng/ul	99
7) Acenaphthylene	13.94	152	5953	0.222	ng/ul#	86
8) Acenaphthene	14.28	153	3845	0.164	ng/ul	97
9) Fluorene	15.27	166	8373	0.292	ng/ul	100
12) Phenanthrene	17.00	178	54101	1.118	ng/ul	100
13) Anthracene	17.09	178	27739	0.659	ng/ul	99
15) Fluoranthene	19.03	202	117678	2.243	ng/ul	98
17) Pyrene	19.39	202	86900	1.234	ng/ul	99
18) Benzo(a)anthracene	21.14	228	51605	0.920	ng/ul	98
19) Chrysene	21.19	228	45593	0.724	ng/ul	98
21) Benzo(b)fluoranthene	22.67	252	56995m	0.862	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	24074m	0.347	ng/ul	
23) Benzo(a)pyrene	23.21	252	33362	0.607	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.43	276	20942	0.281	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.43	278	7062	0.113	ng/ul#	85
26) Benzo(a,h,i)perylene	26.07	276	13036	0.202	ng/ul#	95

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

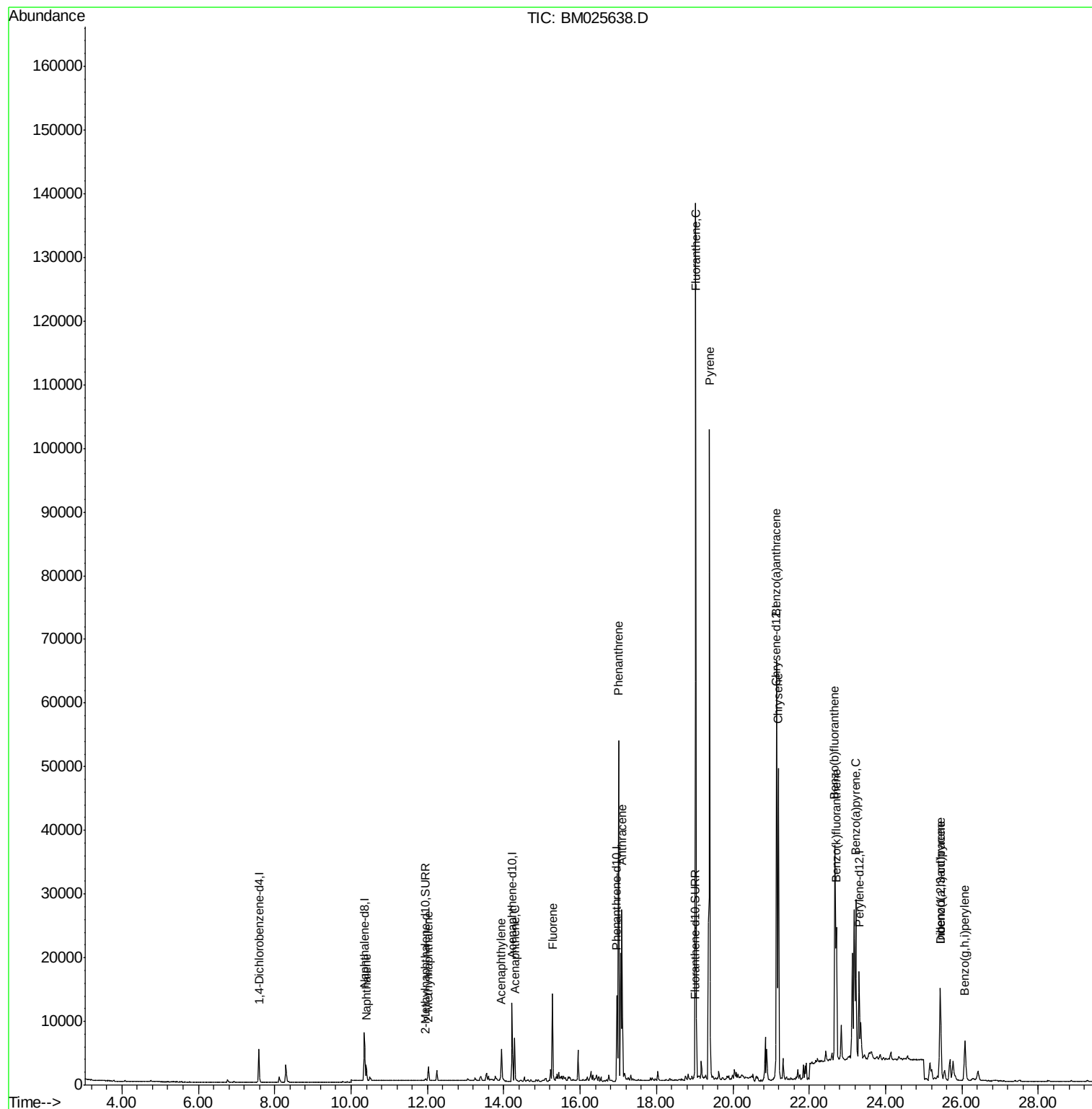
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
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ALS Vial : 14 Sample Multiplier: 1

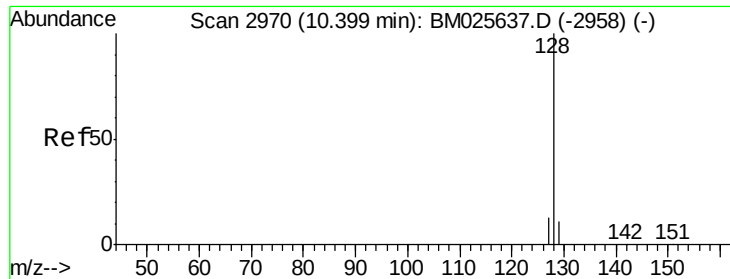
Instrument :
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Quant Time: Mar 19 12:15:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 05:07:34 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.107 ng/ul

RT: 10.40 min Scan# 2970

Delta R.T. -0.00 min

Lab File: BM025638.D

Acq: 18 Mar 2020 21:10

Instrument :

BNA_M

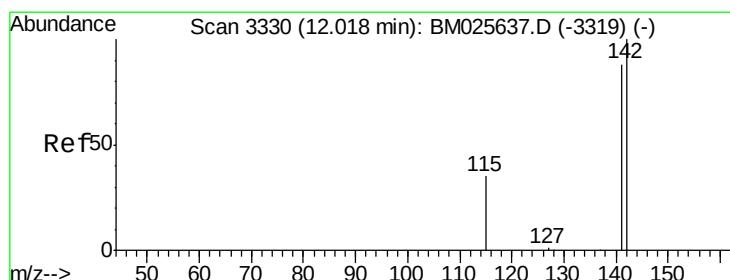
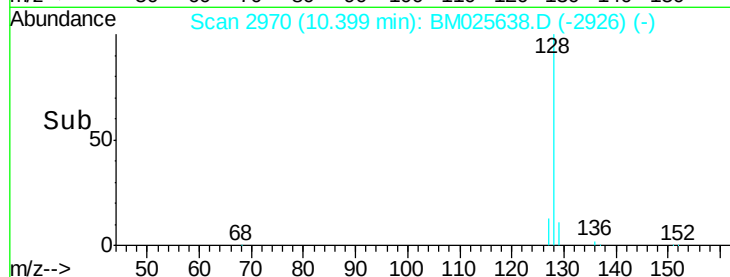
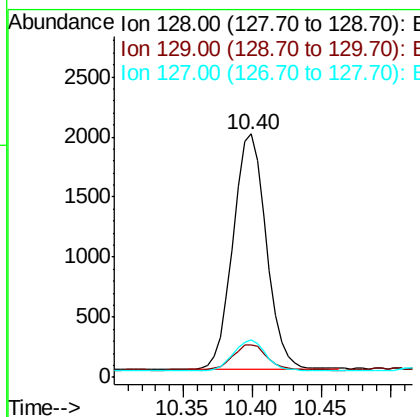
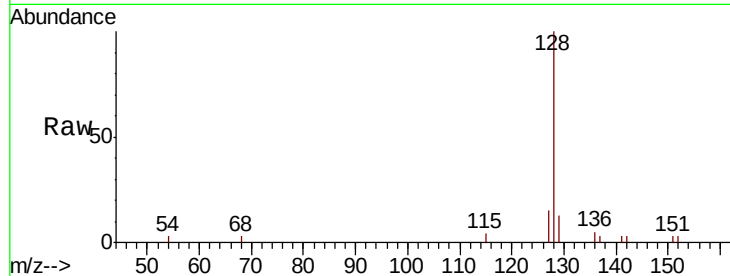
ClientSampleId :

C0AC2DL

Tot Ion:	128	Resp:	3263
Ion	Ratio	Lower	Upper
128	100		
129	13.4	9.4	14.0
127	15.2	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 0.077 ng/ul

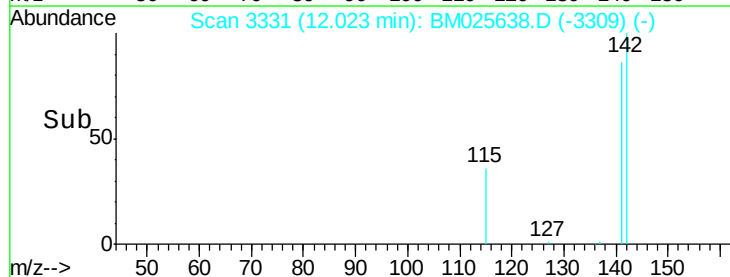
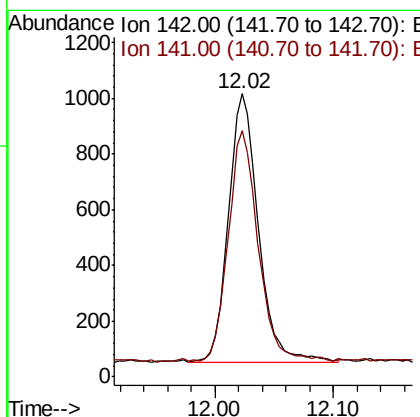
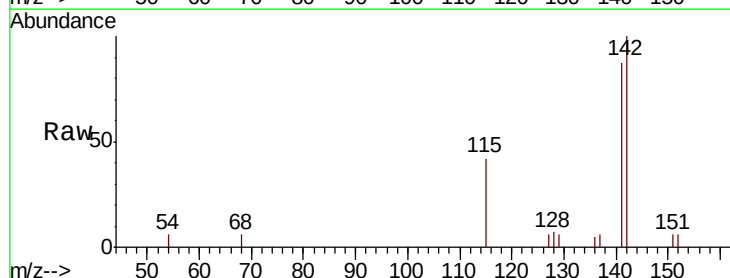
RT: 12.02 min Scan# 3331

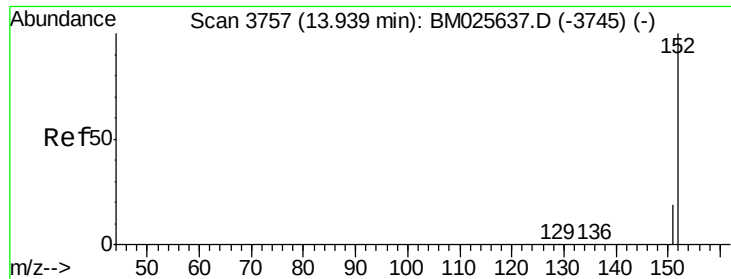
Delta R.T. -0.00 min

Lab File: BM025638.D

Acq: 18 Mar 2020 21:10

Tgt Ion:	142	Resp:	1681
Ion	Ratio	Lower	Upper
142	100		
141	85.9	69.8	104.6





#7

Acenaphthylene

Concen: 0.222 ng/ul

RT: 13.94 min Scan# 3757

Delta R.T. -0.00 min

Lab File: BM025638.D

Acq: 18 Mar 2020 21:10

Instrument :

BNA_M

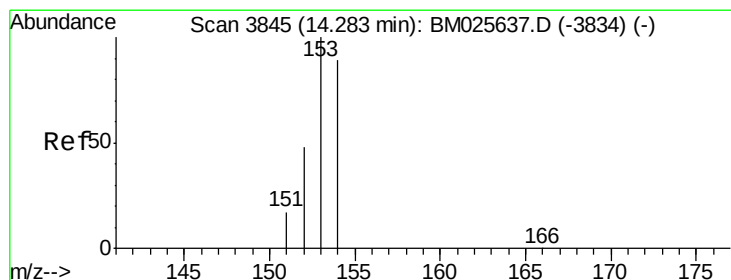
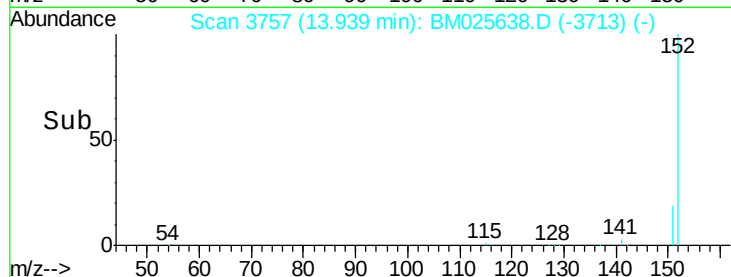
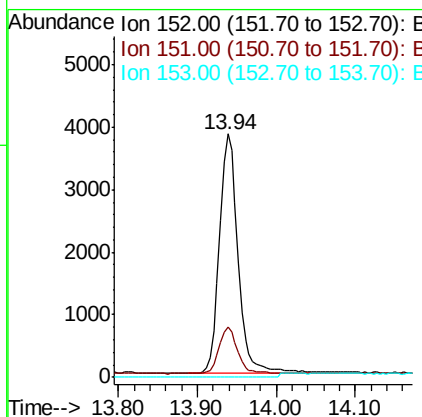
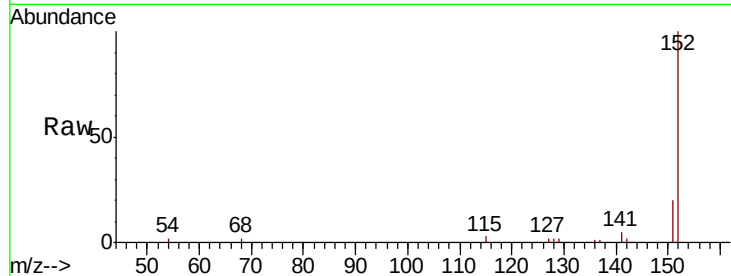
ClientSampleId :

C0AC2DL

Tot Ion:	152	Resp:	5953
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.2	24.2
153	0.0	10.6	16.0#

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#8

Acenaphthene

Concen: 0.164 ng/ul

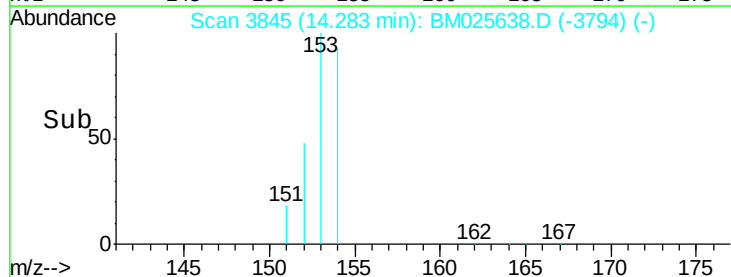
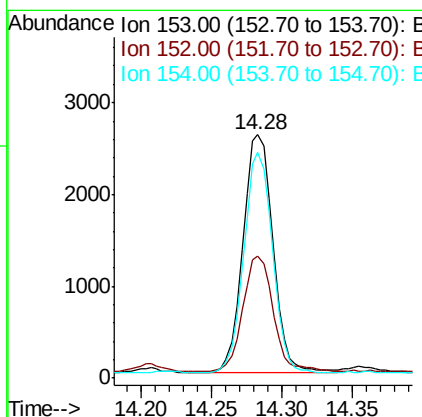
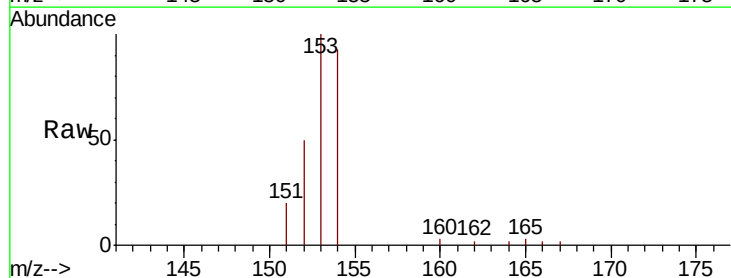
RT: 14.28 min Scan# 3845

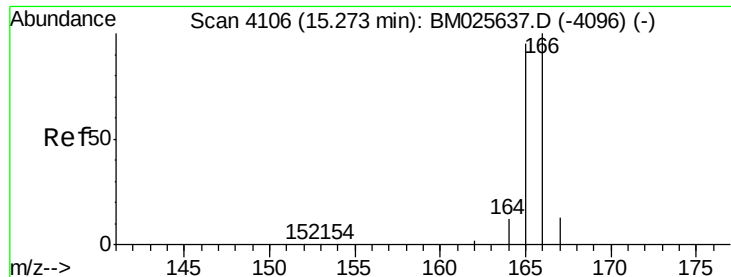
Delta R.T. -0.01 min

Lab File: BM025638.D

Acq: 18 Mar 2020 21:10

Tgt Ion:	153	Resp:	3845
Ion Ratio	Lower	Upper	
153	100		
152	50.3	39.5	59.3
154	92.7	71.7	107.5





#9

Fluorene

Concen: 0.292 ng/ul

RT: 15.27 min Scan# 4106

Delta R.T. -0.01 min

Lab File: BM025638.D

Acq: 18 Mar 2020 21:10

Instrument :

BNA_M

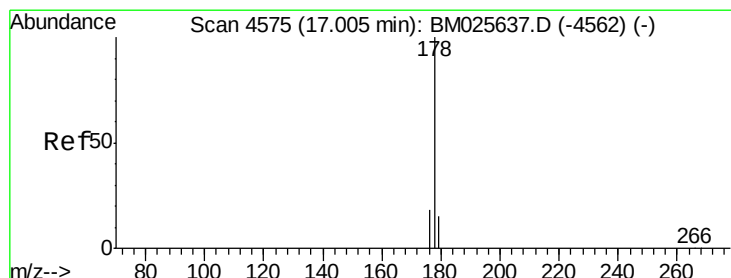
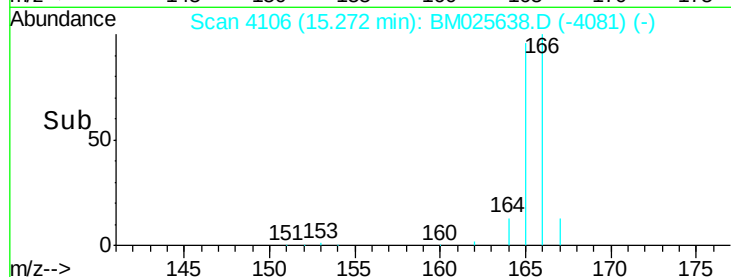
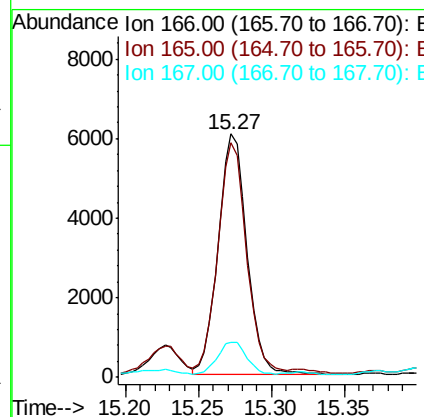
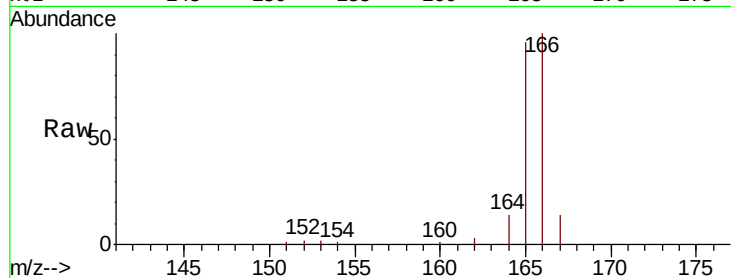
ClientSampleId :

C0AC2DL

Tot Ion:	166	Resp:	8373
Ion Ratio	Lower	Upper	
166	100		
165	96.2	76.8	115.2
167	14.4	11.2	16.8

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#12

Phenanthrene

Concen: 1.118 ng/ul

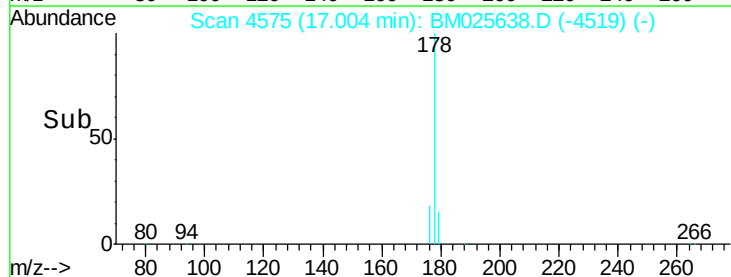
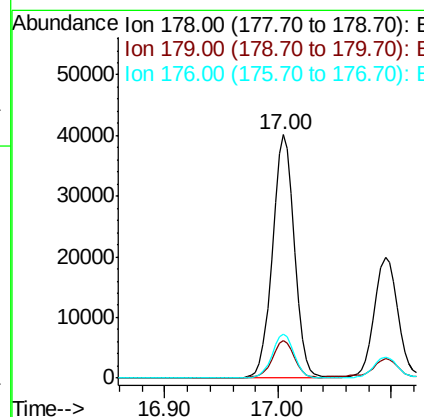
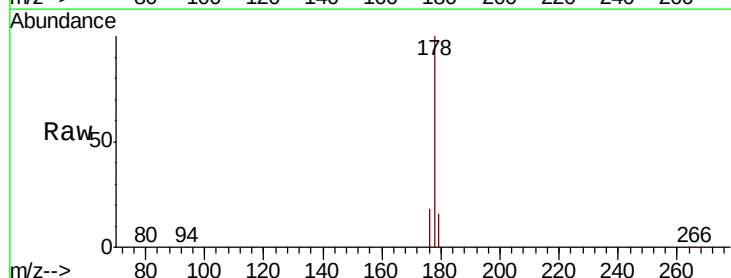
RT: 17.00 min Scan# 4575

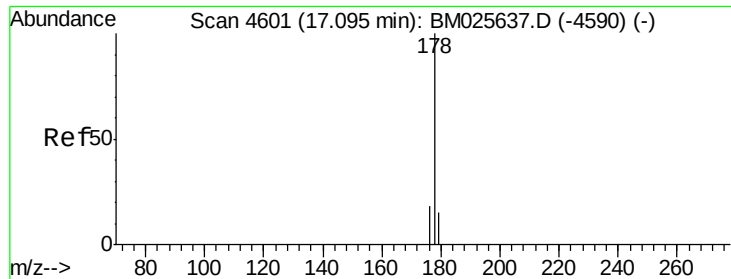
Delta R.T. -0.01 min

Lab File: BM025638.D

Acq: 18 Mar 2020 21:10

Tgt Ion:	178	Resp:	54101
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.4	18.6
176	18.3	14.8	22.2





#13

Anthracene

Concen: 0.659 ng/ul

RT: 17.09 min Scan# 4601

Delta R.T. -0.01 min

Lab File: BM025638.D

Acq: 18 Mar 2020 21:10

Instrument :

BNA_M

ClientSampleId :

C0AC2DL

Tot Ion:178 Resp: 27739

Ion Ratio Lower Upper

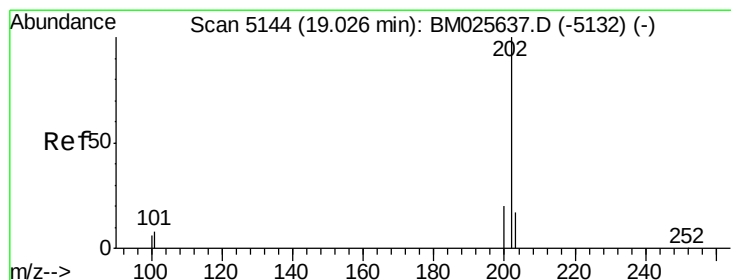
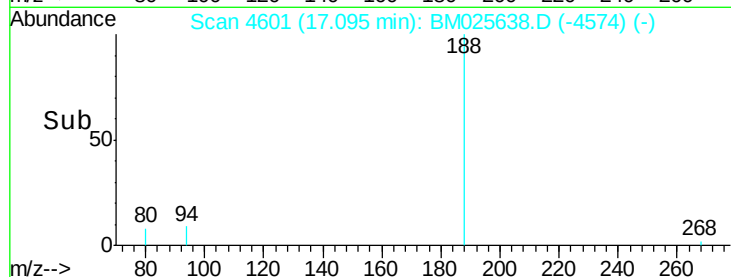
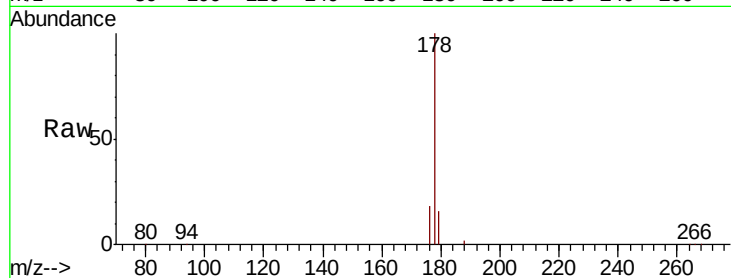
178 100

179 16.1 12.6 18.8

176 17.7 14.5 21.7

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#15

Fluoranthene

Concen: 2.243 ng/ul

RT: 19.03 min Scan# 5144

Delta R.T. -0.01 min

Lab File: BM025638.D

Acq: 18 Mar 2020 21:10

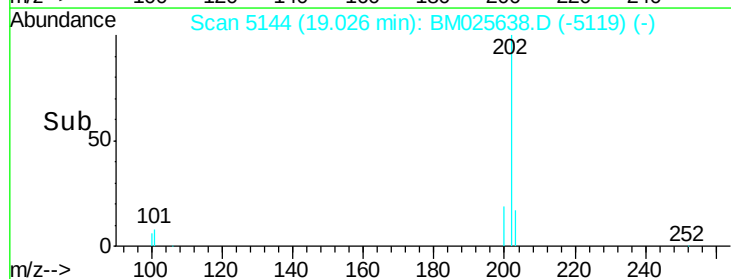
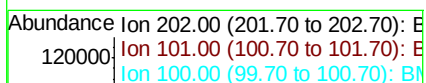
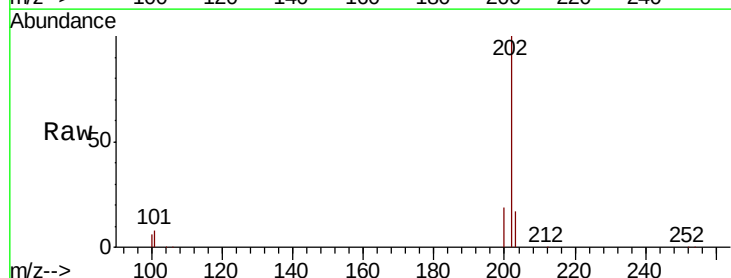
Tgt Ion:202 Resp: 117678

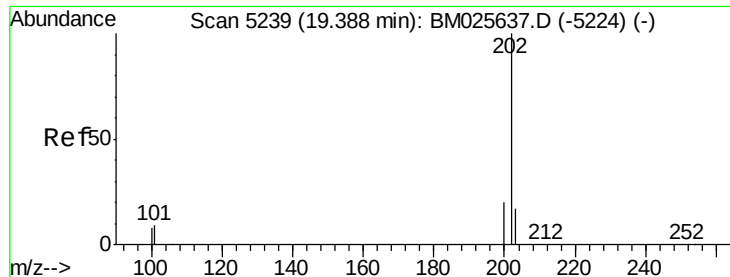
Ion Ratio Lower Upper

202 100

101 8.3 0.0 27.5

100 6.3 0.0 26.0





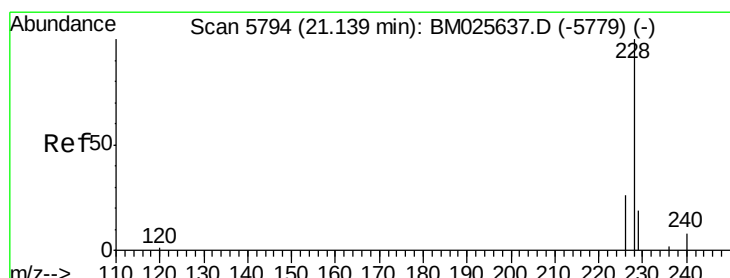
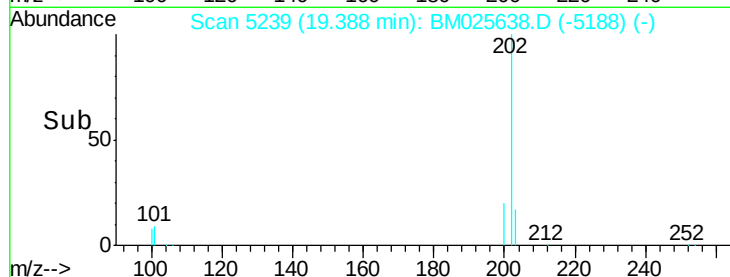
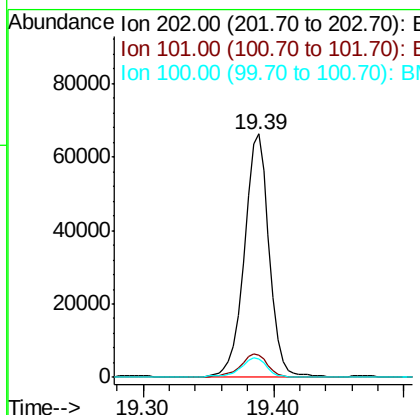
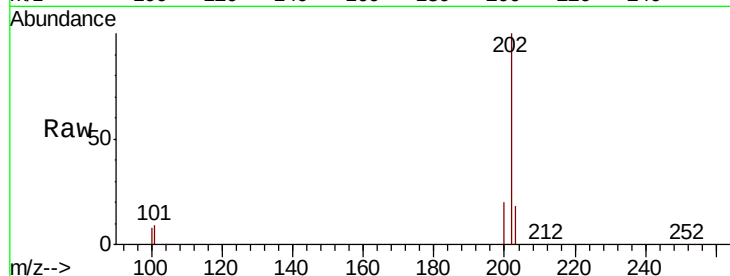
#17
 Pvrene
 Concen: 1.234 ng/ul
 RT: 19.39 min Scan# 5239
 Delta R.T. -0.01 min
 Lab File: BM025638.D
 Acq: 18 Mar 2020 21:10

Instrument :
 BNA_M
 ClientSampleId :
 C0AC2DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.4	7.1	10.7
100	7.6	6.0	9.0

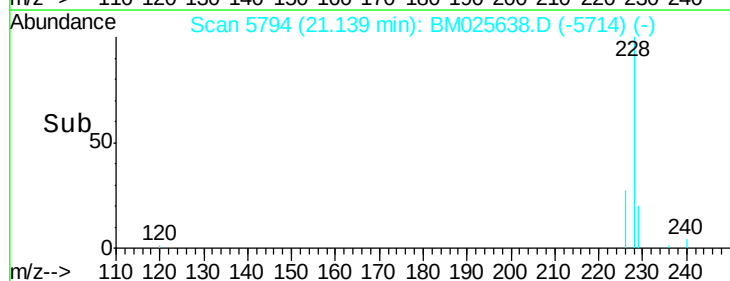
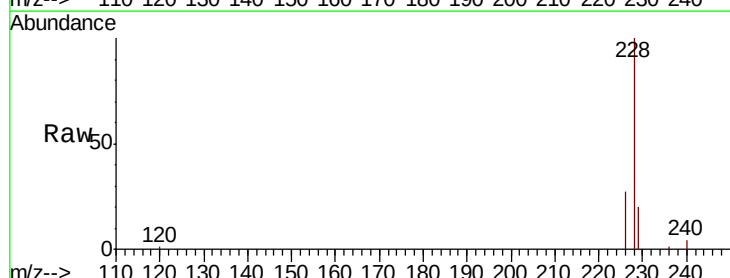
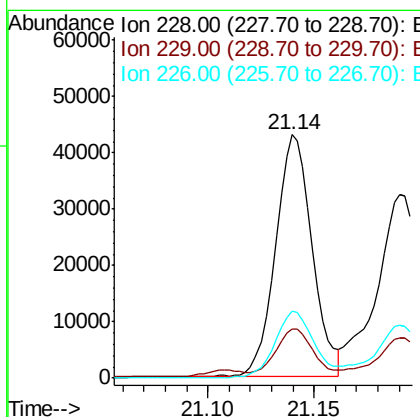
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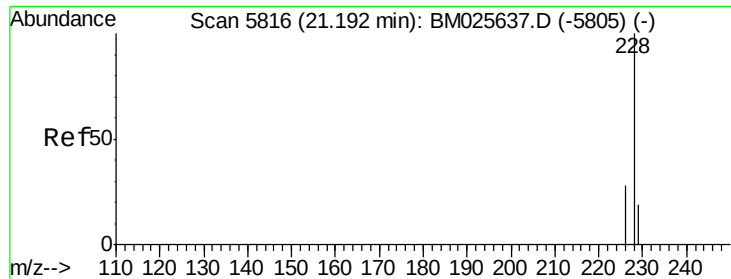
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#18
 Benzo(a)anthracene
 Concen: 0.920 ng/ul
 RT: 21.14 min Scan# 5794
 Delta R.T. -0.01 min
 Lab File: BM025638.D
 Acq: 18 Mar 2020 21:10

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.1	15.6	23.4
226	27.3	21.1	31.7





#19

Chrysene

Concen: 0.724 ng/ul

RT: 21.19 min Scan# 5815

Delta R.T. -0.01 min

Lab File: BM025638.D

Acq: 18 Mar 2020 21:10

Instrument :

BNA_M

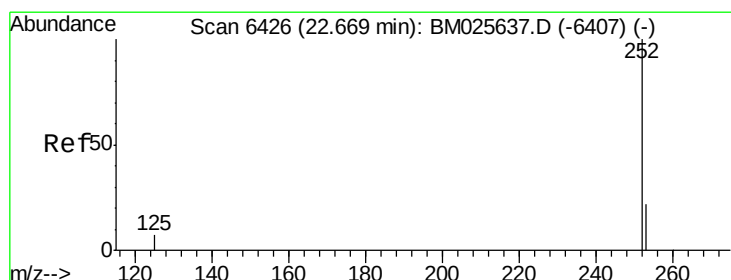
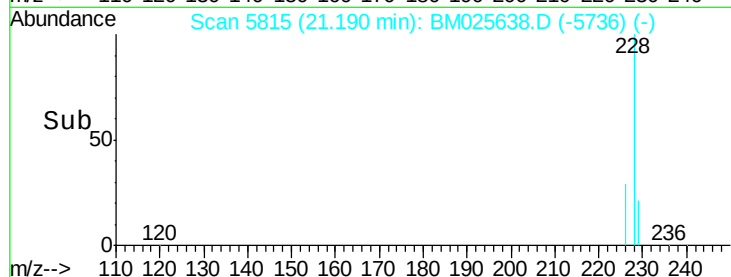
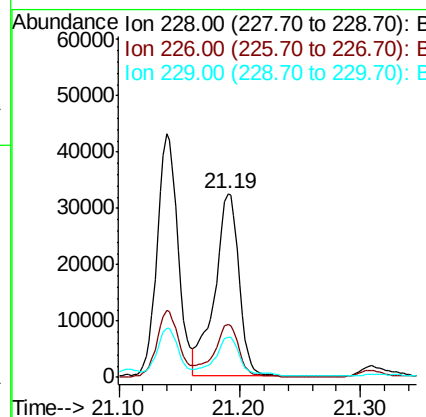
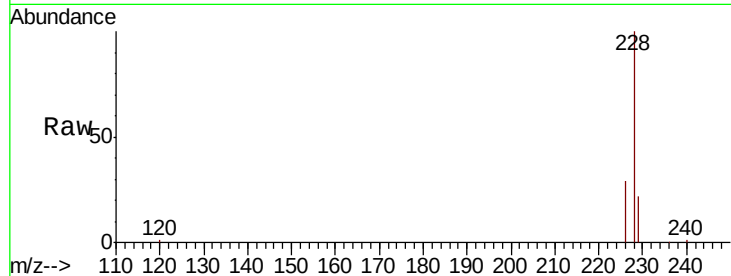
ClientSampleId :

C0AC2DL

Tot Ion:	228	Resp:	45593
Ion Ratio	Lower	Upper	
228	100		
226	28.9	23.6	35.4
229	21.8	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.862 ng/ul m

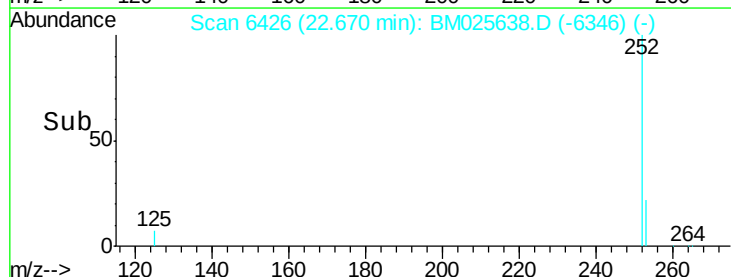
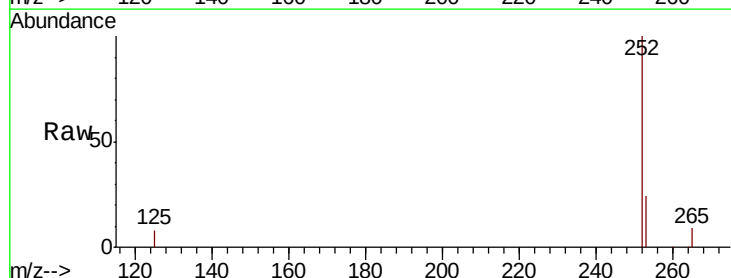
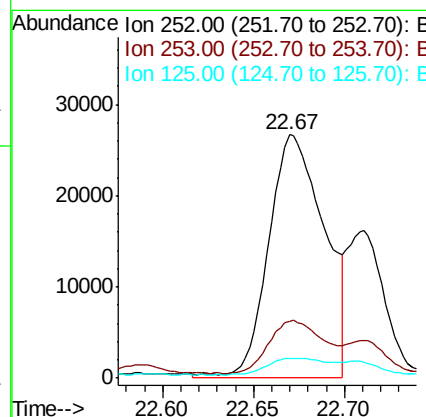
RT: 22.67 min Scan# 6426

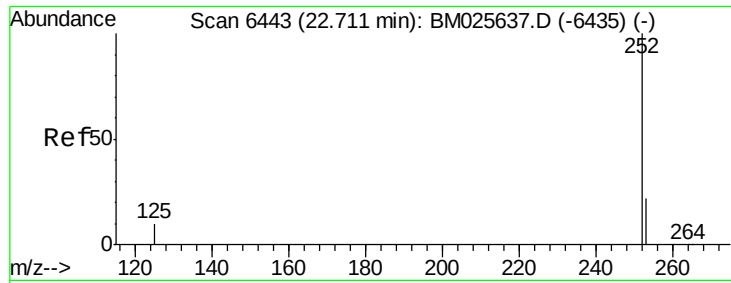
Delta R.T. -0.01 min

Lab File: BM025638.D

Acq: 18 Mar 2020 21:10

Tgt Ion:	252	Resp:	56995
Ion Ratio	Lower	Upper	
252	100		
253	23.5	0.0	50.2
125	8.2	0.0	17.6





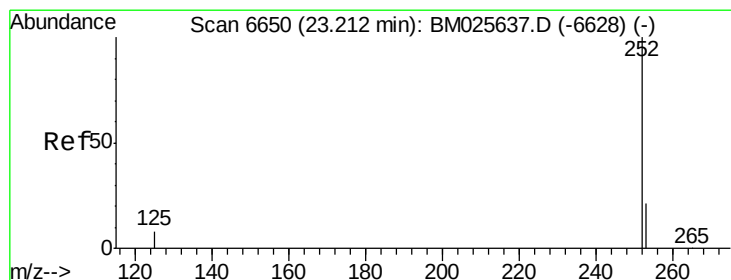
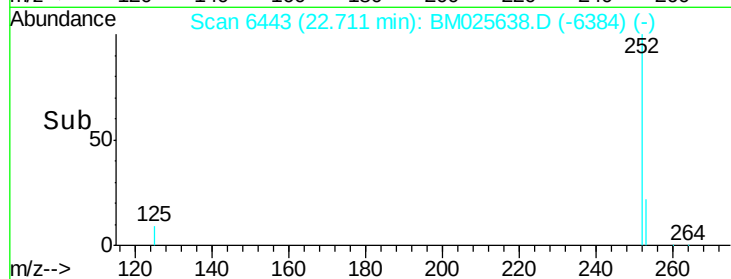
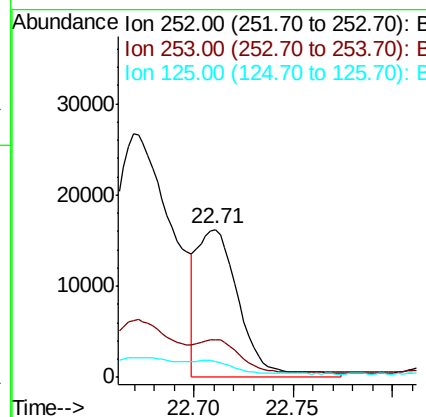
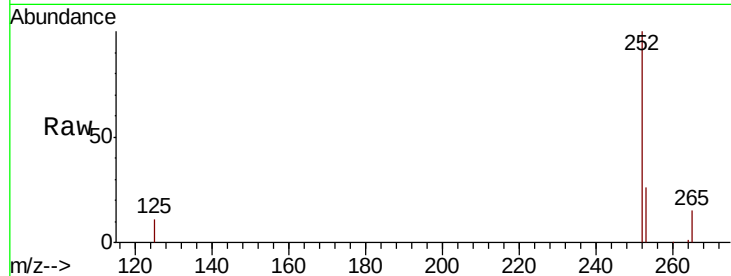
#22
Benzo(k)fluoranthene
Concen: 0.347 ng/ul m
RT: 22.71 min Scan# 6443
Delta R.T. -0.01 min
Lab File: BM025638.D
Acq: 18 Mar 2020 21:10

Instrument :
BNA_M
ClientSampleId :
C0AC2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.8	29.8
125	10.8	7.1	10.7

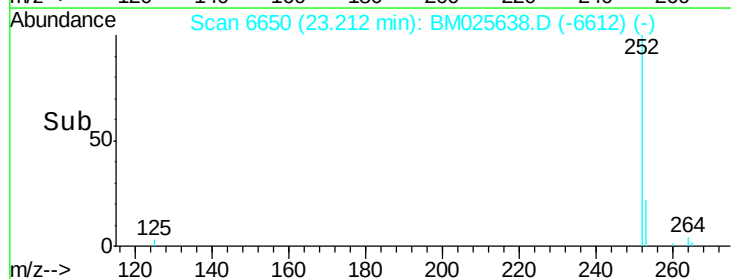
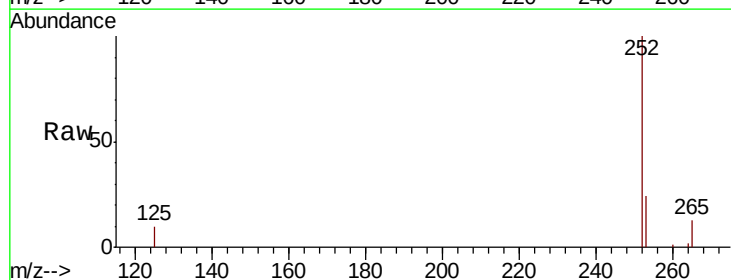
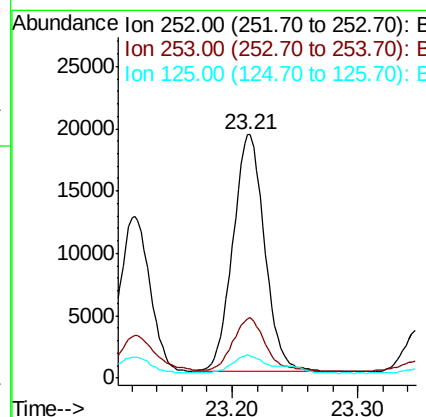
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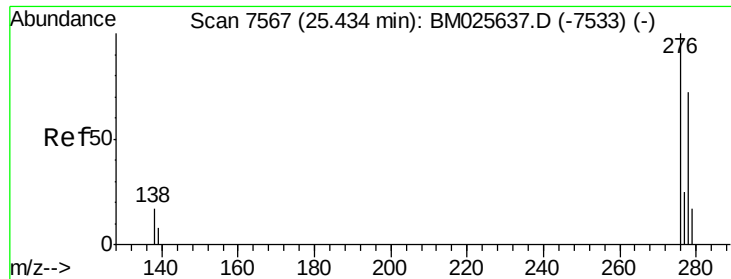
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#23
Benzo(a)pyrene
Concen: 0.607 ng/ul
RT: 23.21 min Scan# 6650
Delta R.T. -0.01 min
Lab File: BM025638.D
Acq: 18 Mar 2020 21:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	21.3	31.9
125	9.5	8.5	12.7





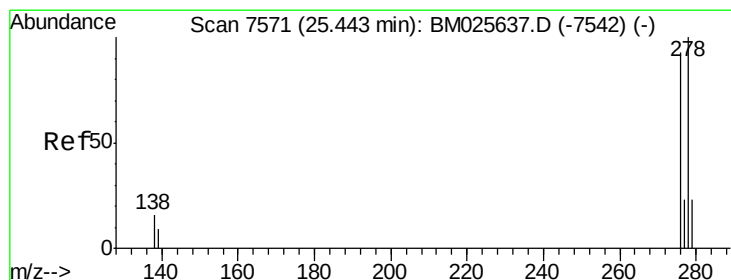
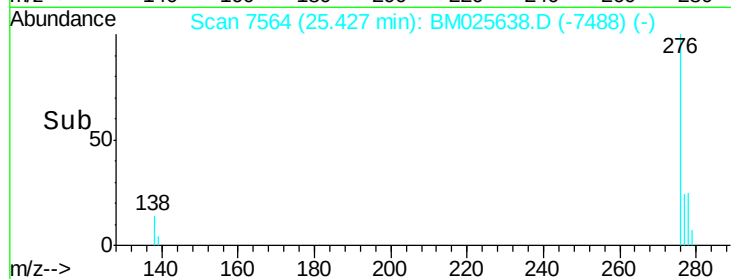
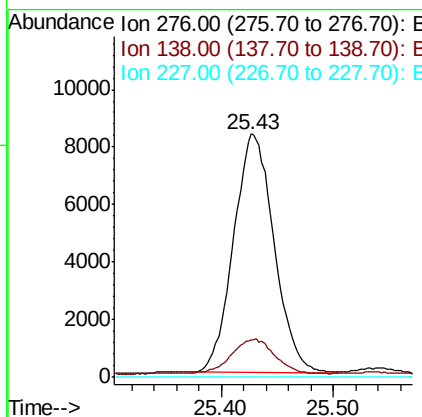
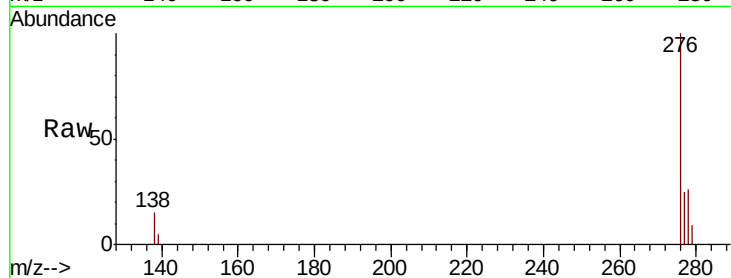
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.281 ng/ul
RT: 25.43 min Scan# 7564
Delta R.T. -0.01 min
Lab File: BM025638.D
Acq: 18 Mar 2020 21:10

Instrument :
BNA_M
ClientSampleId :
C0AC2DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.7	12.3	18.5
227	0.0	0.0	0.0

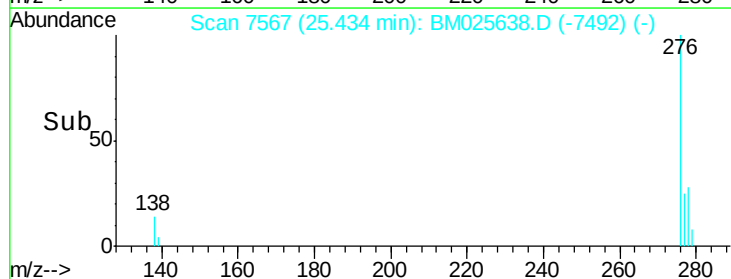
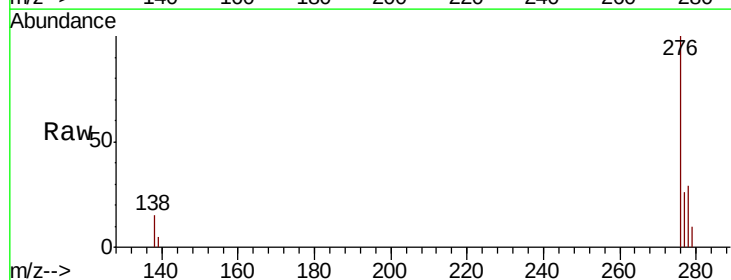
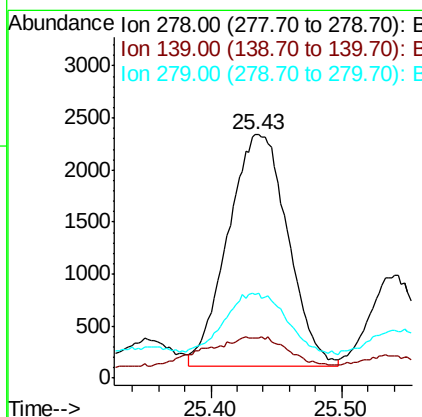
Manual Integrations
APPROVED

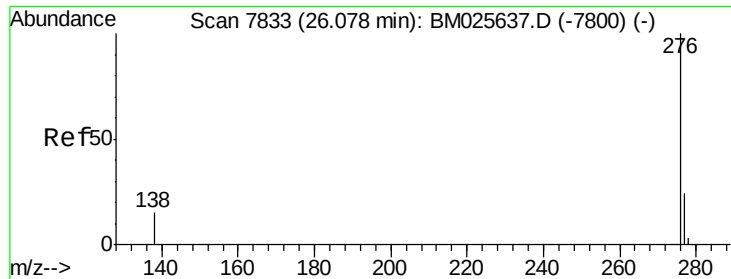
mohammad
3/19/2020 12:43:35 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.113 ng/ul
RT: 25.43 min Scan# 7567
Delta R.T. -0.02 min
Lab File: BM025638.D
Acq: 18 Mar 2020 21:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	9.0	13.6#
279	34.2	21.1	31.7#





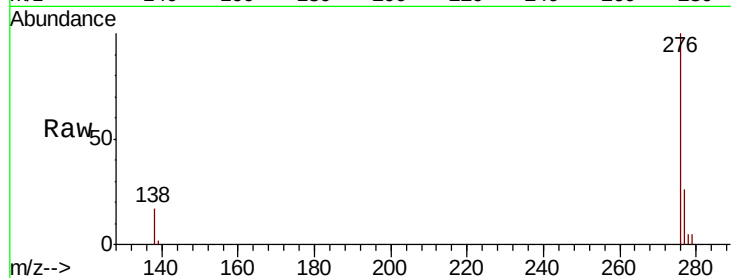
#26
 Benzo(a,h,i)perylene
 Concen: 0.202 ng/ul
 RT: 26.07 min Scan# 7831
 Delta R.T. -0.01 min
 Lab File: BM025638.D
 Acq: 18 Mar 2020 21:10

Instrument :
 BNA_M
 ClientSampleId :
 C0AC2DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.0	11.0	16.4#
277	26.0	19.8	29.6

Manual Integrations
 APPROVED

mohammad
 3/19/2020 12:43:35 PM



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

