

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025424.D
 Acq On : 09 Mar 2020 21:15
 Operator : CG/JU
 Sample : L1619-07DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDW1DL

Manual Integrations
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mohammad
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Quant Time: Mar 09 23:02:11 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 : Mon Mar 09 13:32:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3892	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	16858	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	12830	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	27236	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	18966	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	17278	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1141	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	2971	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	32318	0.648	ng/ul	98
5) 2-Methylnaphthalene	12.10	142	98901	2.773	ng/ul	100
7) Acenaphthylene	14.01	152	3795	0.072	ng/ul#	80
8) Acenaphthene	14.35	153	344115	7.485	ng/ul	98
9) Fluorene	15.34	166	313830	5.601	ng/ul	100
12) Phenanthrene	17.08	178	1318952	15.281	ng/ul	100
13) Anthracene	17.17	178	93700	1.247	ng/ul	99
15) Fluoranthene	19.09	202	691591	7.391	ng/ul	99
17) Pyrene	19.45	202	462481	5.433	ng/ul	99
18) Benzo(a)anthracene	21.20	228	71504	1.054	ng/ul	99
19) Chrysene	21.26	228	66129	0.868	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	37431m	0.547	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	13389m	0.187	ng/ul	
23) Benzo(a)pyrene	23.31	252	20506	0.361	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.58	276	7713	0.100	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.59	278	2506	0.039	ng/ul#	69
26) Benzo(a,h,i)perylene	26.24	276	5191	0.078	ng/ul#	94

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

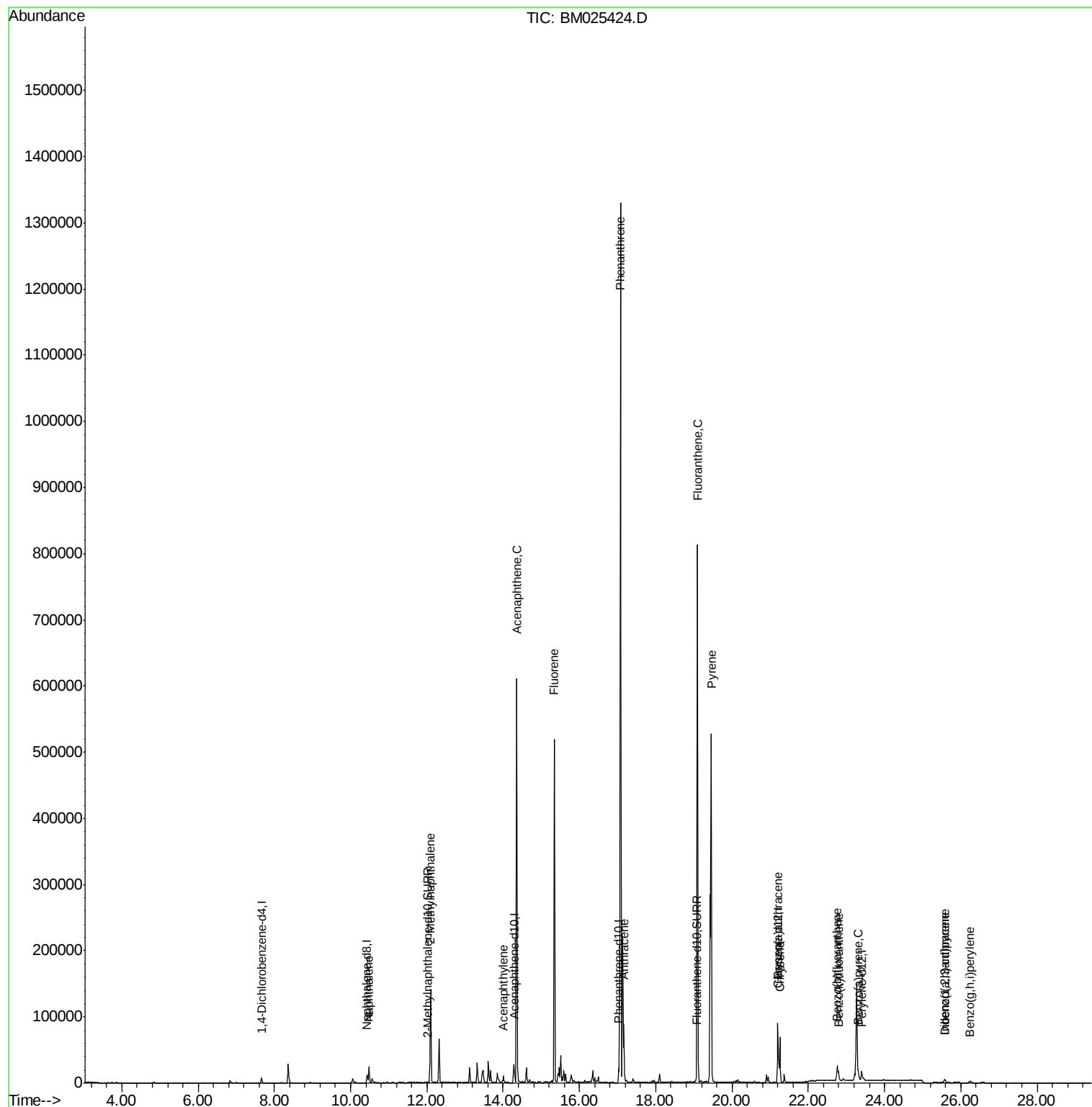
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
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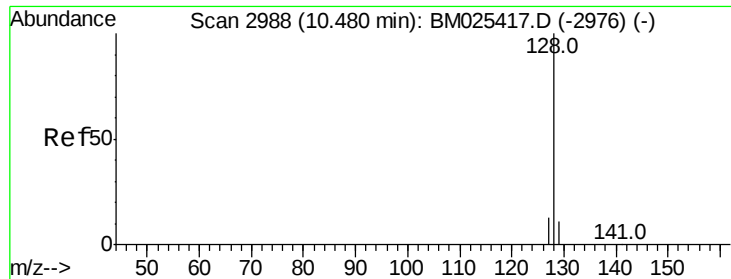
Instrument :
BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
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QLast Update : Mon Mar 09 13:32:56 2020
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#3

Naphthalene

Concen: 0.648 ng/ul

RT: 10.48 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BM025424.D

Acq: 09 Mar 2020 21:15

Instrument :

BNA_M

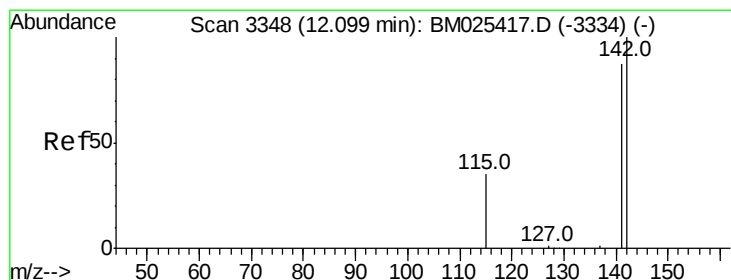
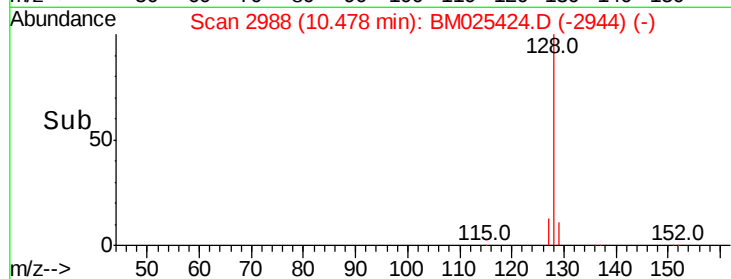
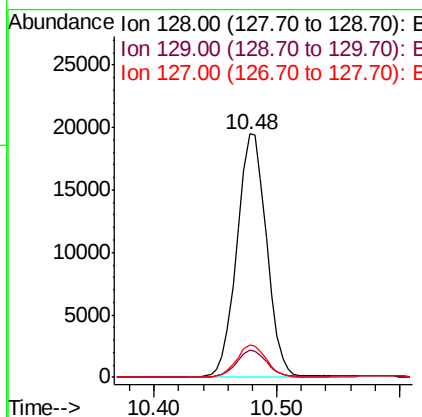
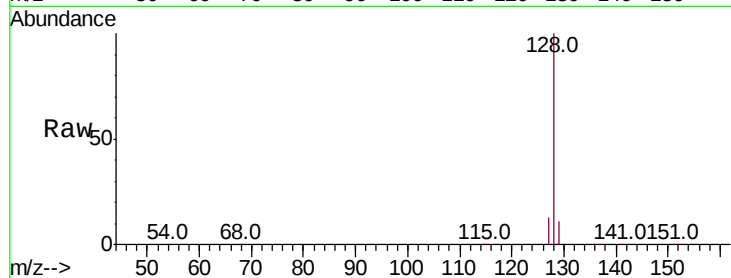
ClientSampleId :

DBDW1DL

Tot Ion:	128	Resp:	32318
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.4	14.0
127	13.1	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 2.773 ng/ul

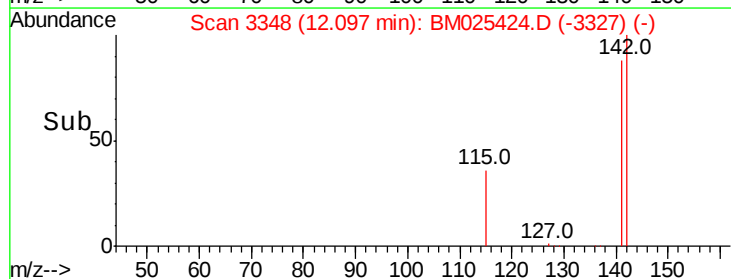
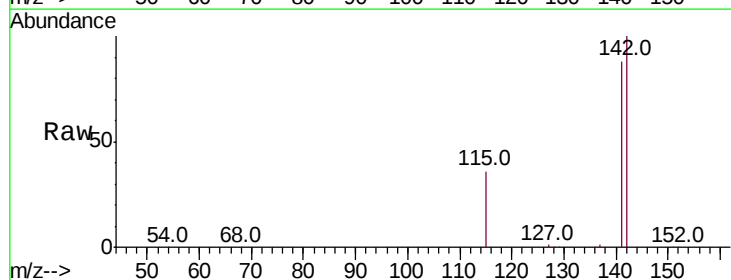
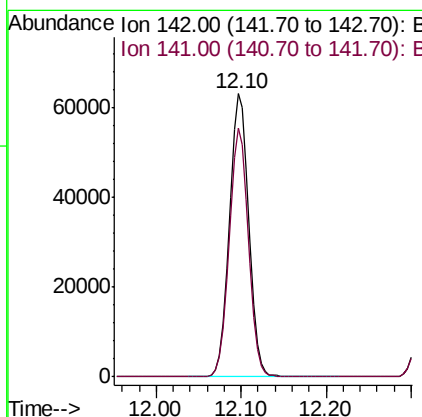
RT: 12.10 min Scan# 3348

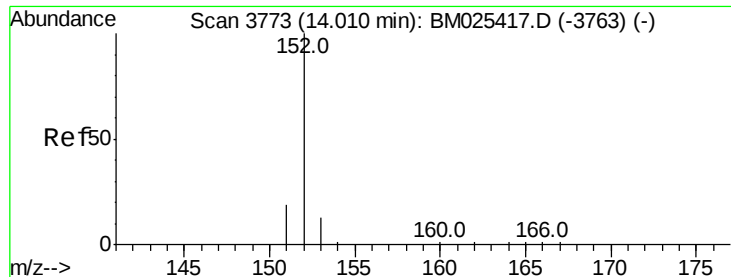
Delta R.T. -0.00 min

Lab File: BM025424.D

Acq: 09 Mar 2020 21:15

Tgt Ion:	142	Resp:	98901
Ion Ratio	Lower	Upper	
142	100		
141	87.5	69.8	104.6





#7

Acenaphthylene

Concen: 0.072 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.00 min

Lab File: BM025424.D

Acq: 09 Mar 2020 21:15

Instrument :

BNA_M

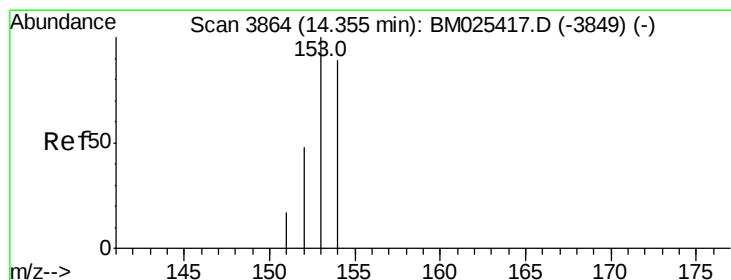
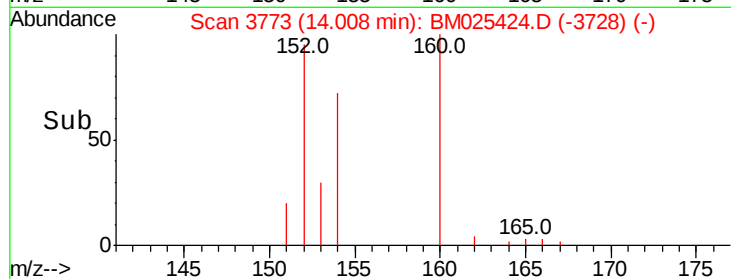
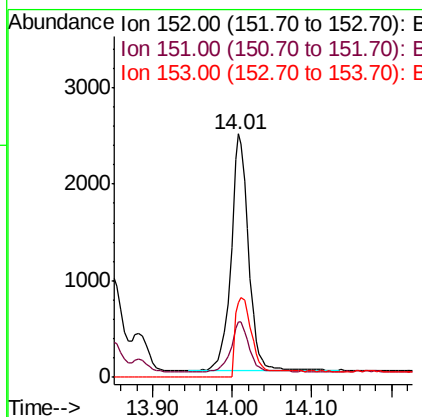
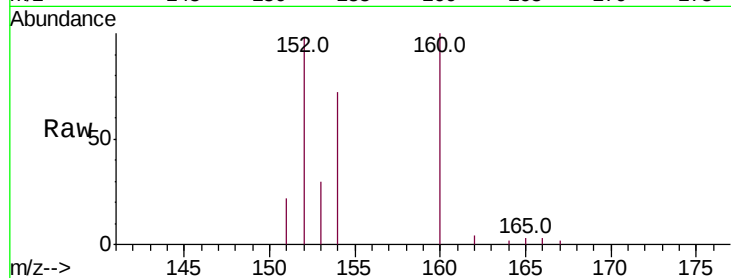
ClientSampleId :

DBDW1DL

Tot Ion:	152	Resp:	3795
Ion Ratio	Lower	Upper	
152	100		
151	22.6	16.2	24.2
153	30.6	10.6	16.0#

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#8

Acenaphthene

Concen: 7.485 ng/ul

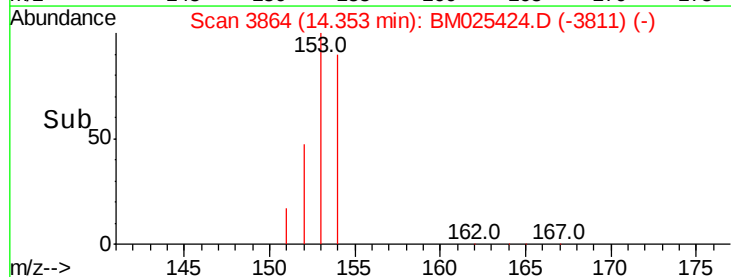
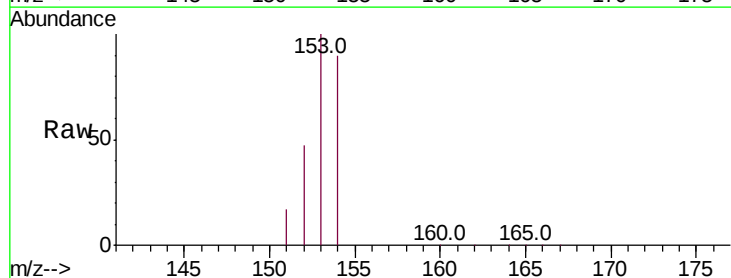
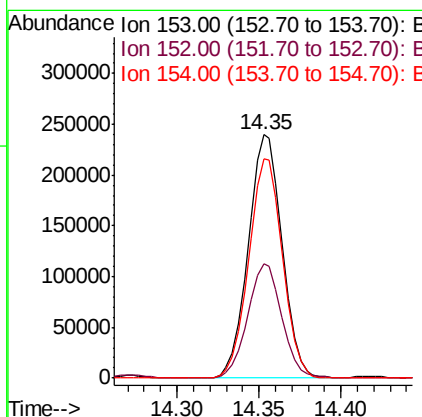
RT: 14.35 min Scan# 3864

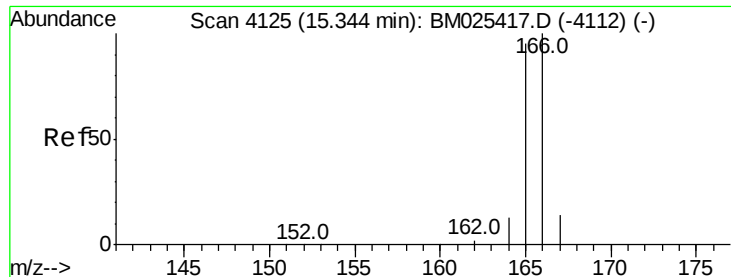
Delta R.T. -0.00 min

Lab File: BM025424.D

Acq: 09 Mar 2020 21:15

Tgt Ion:	153	Resp:	344115
Ion Ratio	Lower	Upper	
153	100		
152	47.1	39.5	59.3
154	90.1	71.7	107.5





#9

Fluorene

Concen: 5.601 ng/ul

RT: 15.34 min Scan# 4125

Delta R.T. -0.00 min

Lab File: BM025424.D

Acq: 09 Mar 2020 21:15

Instrument :

BNA_M

ClientSampleId :

DBDW1DL

Tot Ion:166 Resp: 313830

Ion Ratio Lower Upper

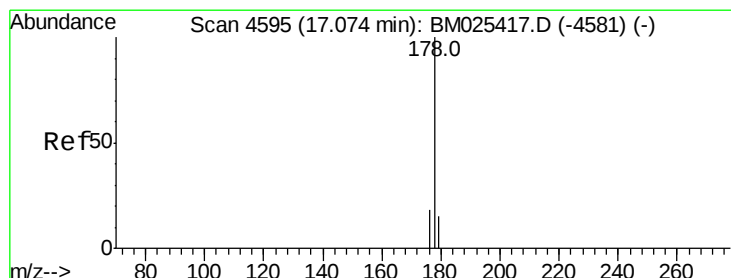
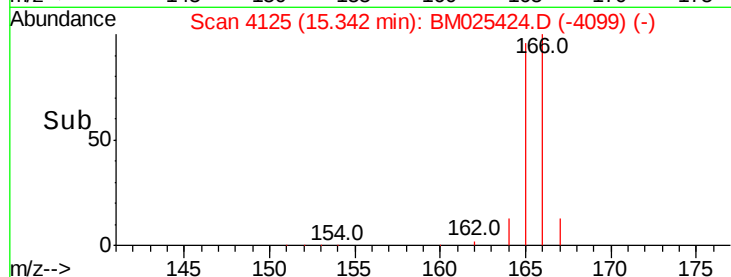
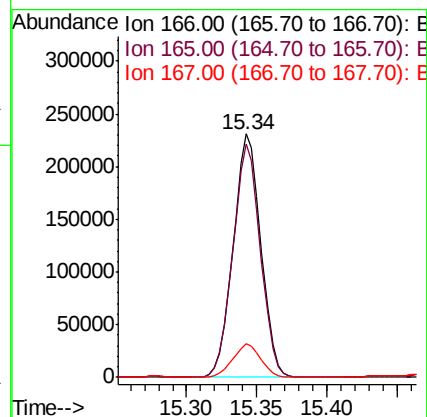
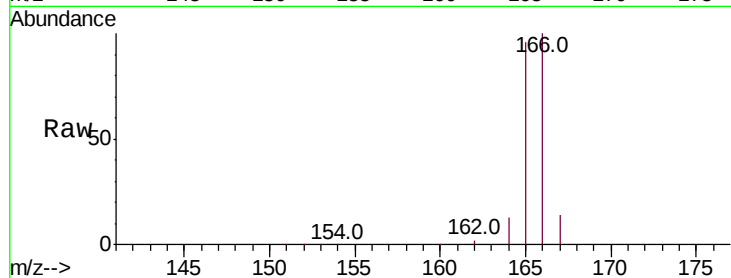
166 100

165 95.7 76.8 115.2

167 13.7 11.2 16.8

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#12

Phenanthrene

Concen: 15.281 ng/ul

RT: 17.08 min Scan# 4596

Delta R.T. -0.00 min

Lab File: BM025424.D

Acq: 09 Mar 2020 21:15

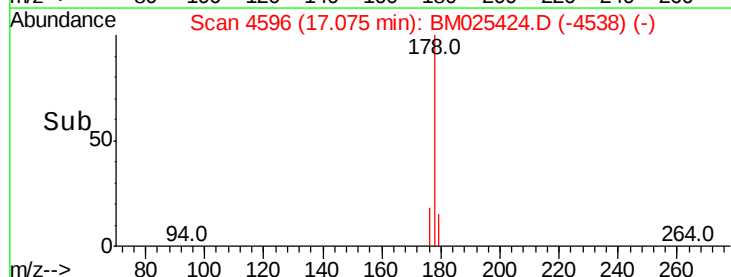
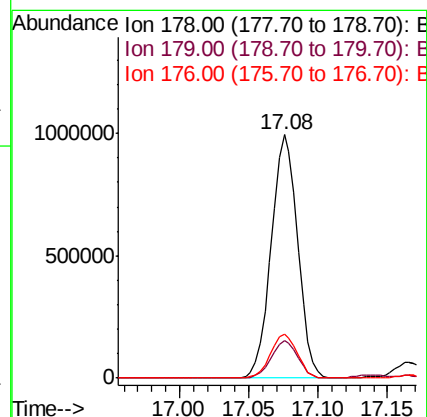
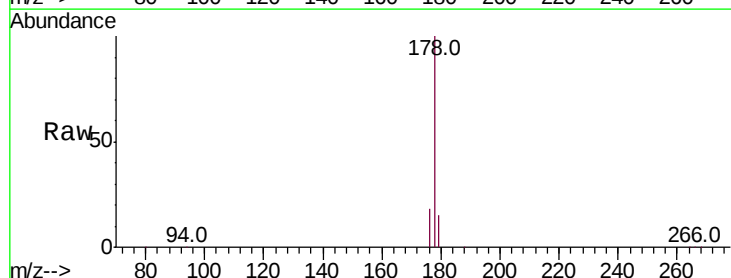
Tgt Ion:178 Resp: 1318952

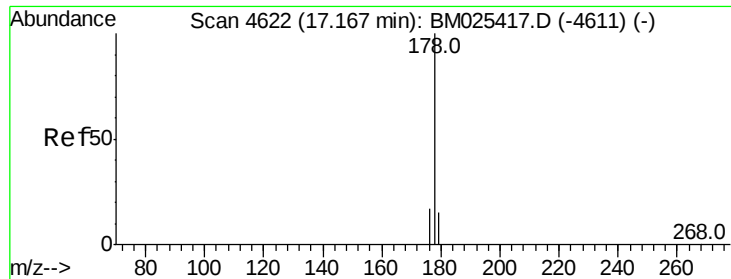
Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 18.2 14.8 22.2





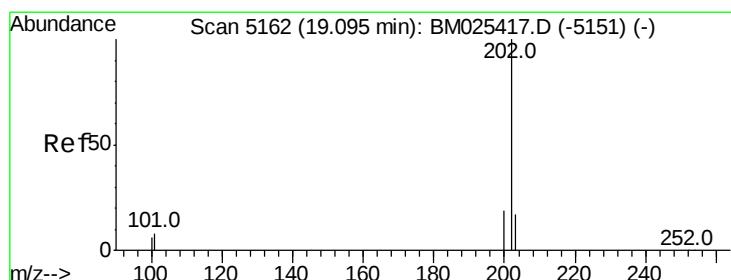
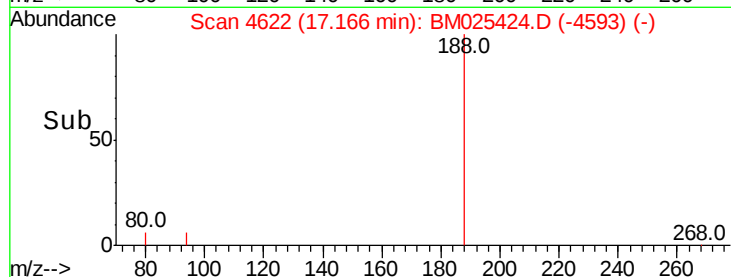
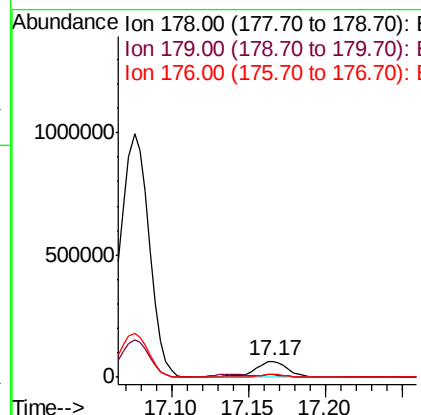
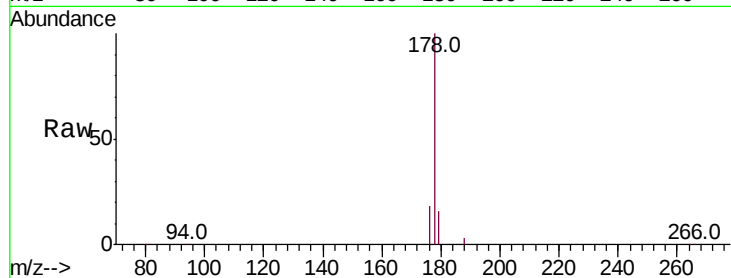
#13
 Anthracene
 Concen: 1.247 ng/ul
 RT: 17.17 min Scan# 4622
 Delta R.T. -0.00 min
 Lab File: BM025424.D
 Acq: 09 Mar 2020 21:15

Instrument :
 BNA_M
 ClientSampleID :
 DBDW1DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	18.8
176	17.8	14.5	21.7

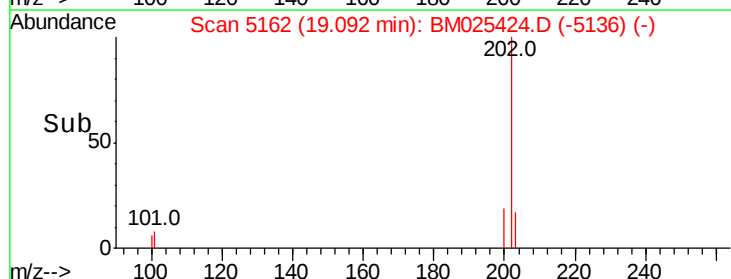
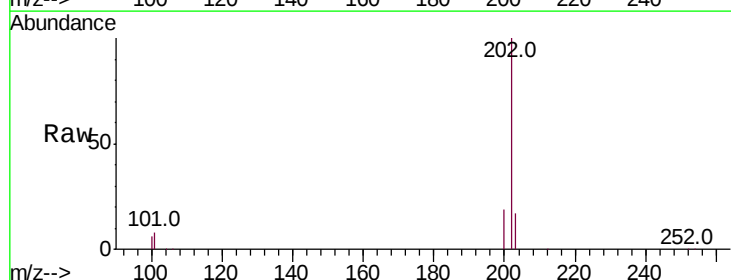
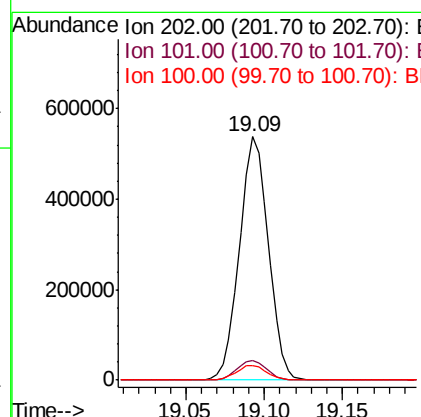
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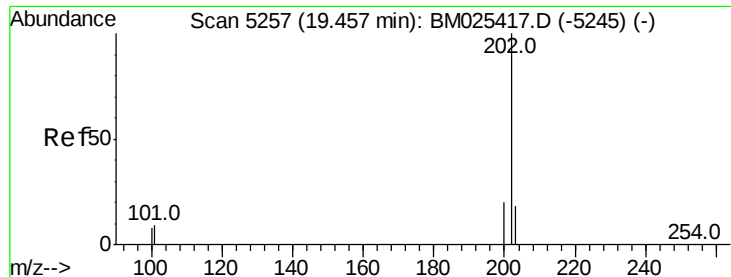
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#15
 Fluoranthene
 Concen: 7.391 ng/ul
 RT: 19.09 min Scan# 5162
 Delta R.T. -0.00 min
 Lab File: BM025424.D
 Acq: 09 Mar 2020 21:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	27.5
100	6.2	0.0	26.0





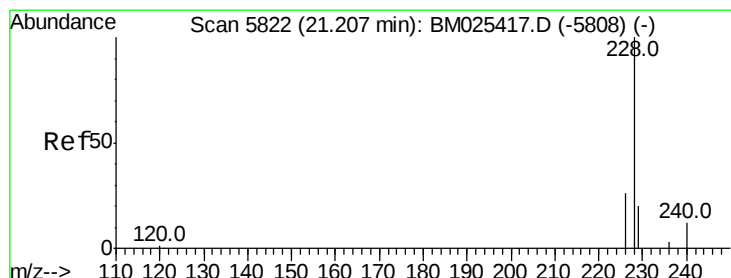
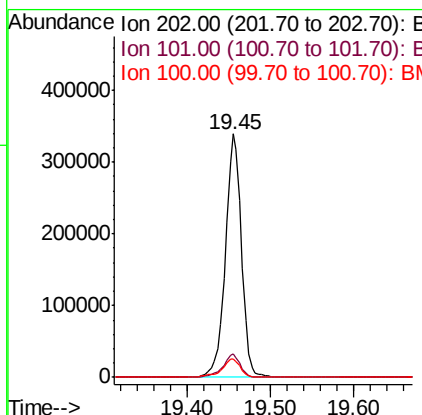
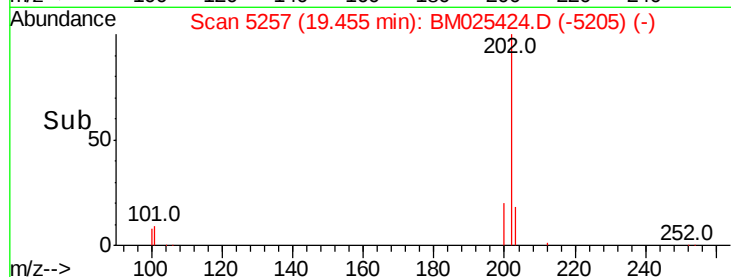
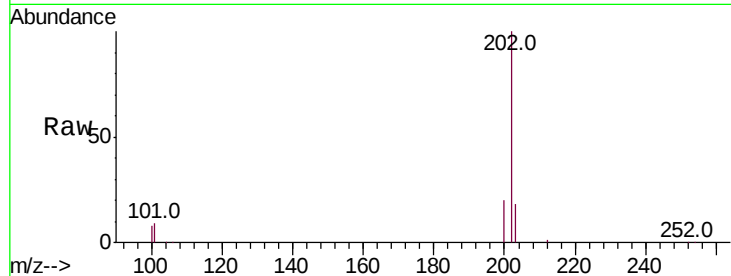
#17
Pvrene
Concen: 5.433 ng/ul
RT: 19.45 min Scan# 5257
Delta R.T. -0.00 min
Lab File: BM025424.D
Acq: 09 Mar 2020 21:15

Instrument :
BNA_M
ClientSampleId :
DBDW1DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.4	7.1	10.7
100	7.8	6.0	9.0

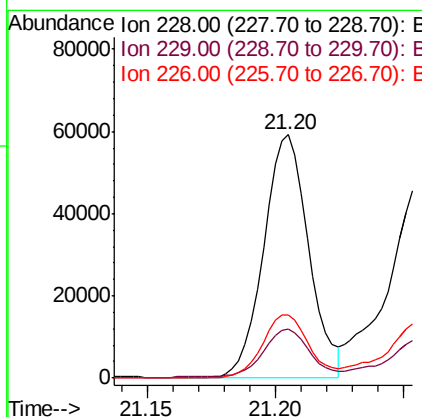
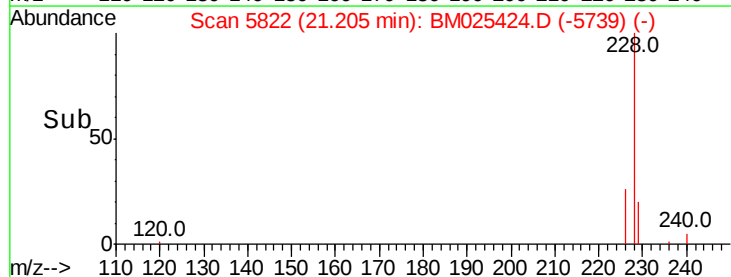
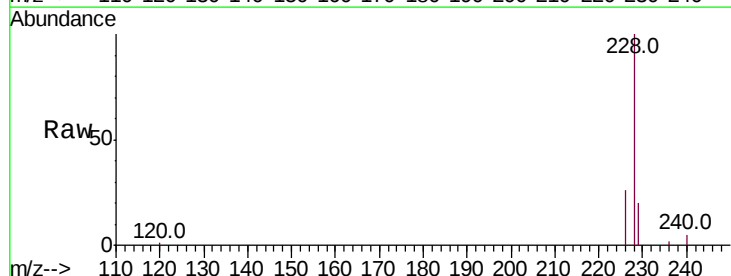
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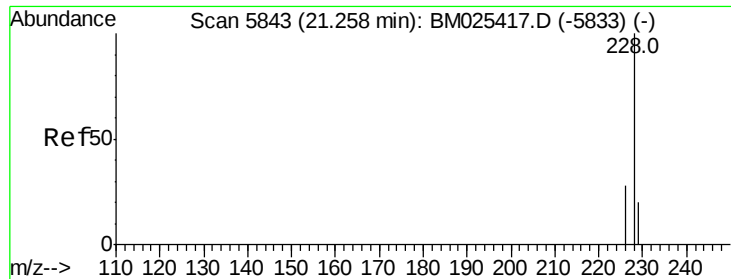
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#18
Benzo(a)anthracene
Concen: 1.054 ng/ul
RT: 21.20 min Scan# 5822
Delta R.T. -0.00 min
Lab File: BM025424.D
Acq: 09 Mar 2020 21:15

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.1	15.6	23.4
226	25.7	21.1	31.7





#19

Chrysene

Concen: 0.868 ng/ul

RT: 21.26 min Scan# 5843

Delta R.T. -0.00 min

Lab File: BM025424.D

Acq: 09 Mar 2020 21:15

Instrument :

BNA_M

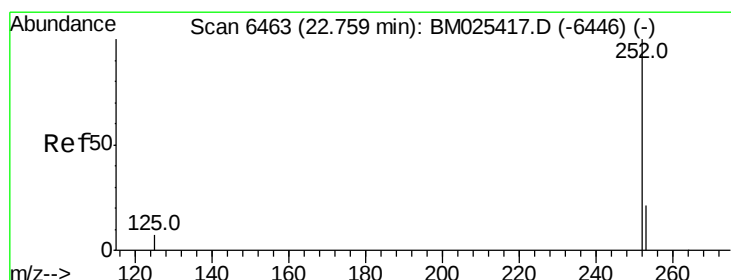
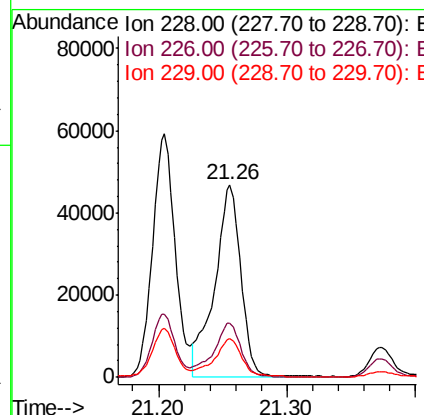
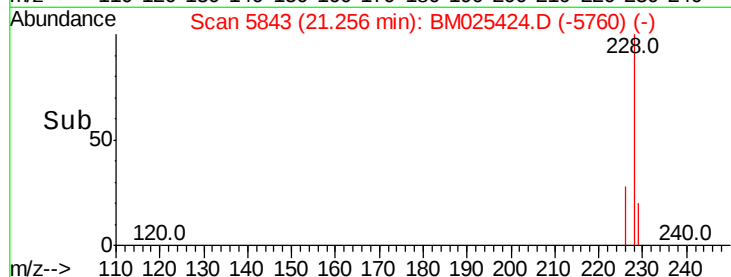
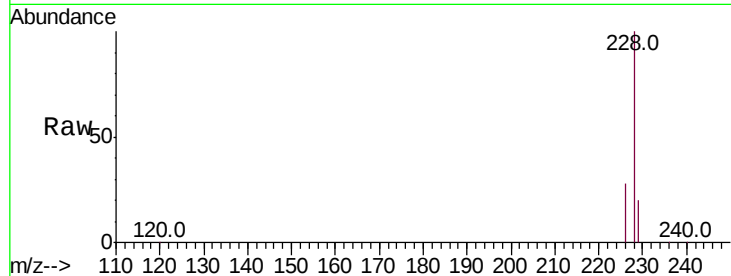
ClientSampleId :

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Tot Ion:228	Resp:	66129
Ion Ratio	Lower	Upper
228 100		
226 28.3	23.6	35.4
229 20.2	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.547 ng/ul m

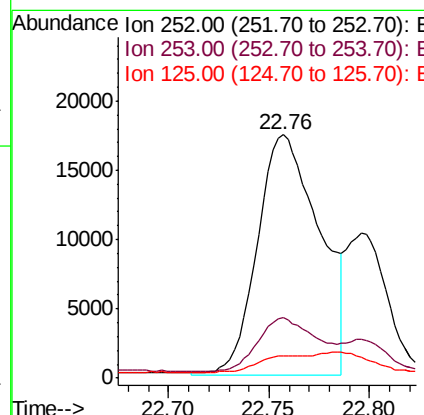
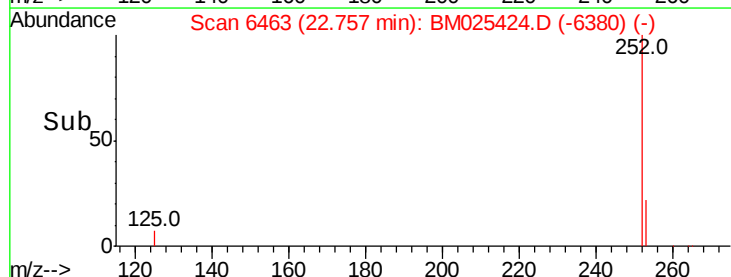
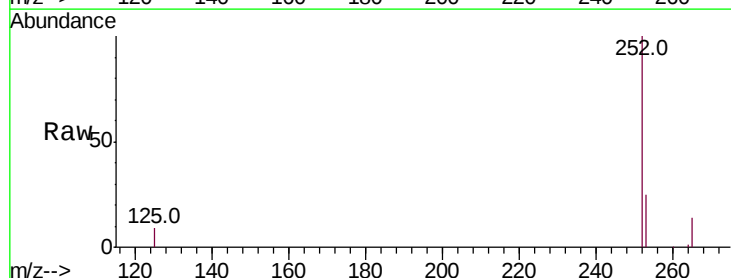
RT: 22.76 min Scan# 6463

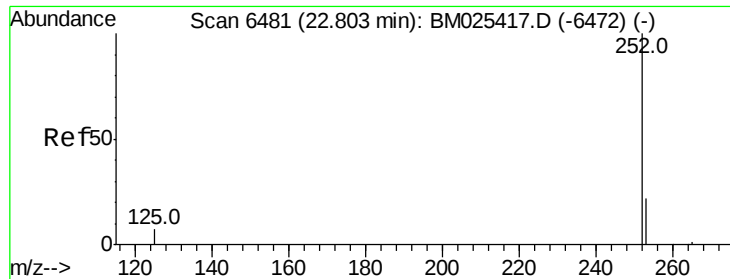
Delta R.T. 0.00 min

Lab File: BM025424.D

Acq: 09 Mar 2020 21:15

Tgt Ion:252	Resp:	37431
Ion Ratio	Lower	Upper
252 100		
253 24.6	0.0	50.2
125 9.2	0.0	17.6





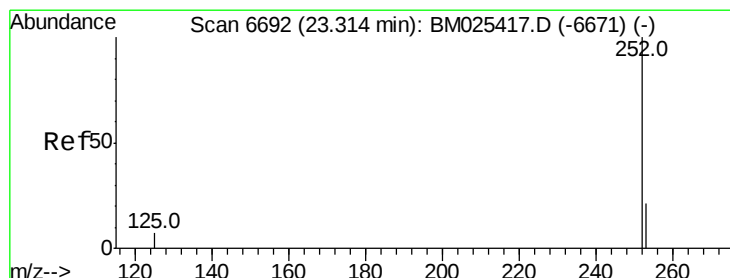
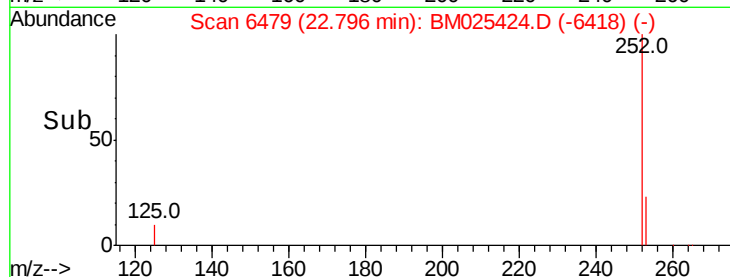
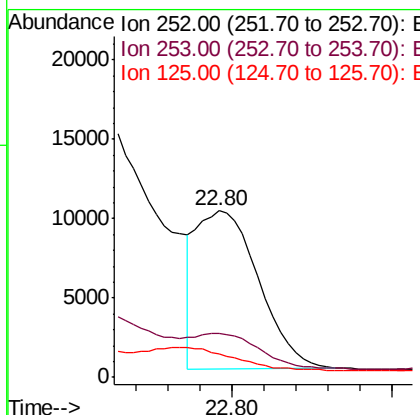
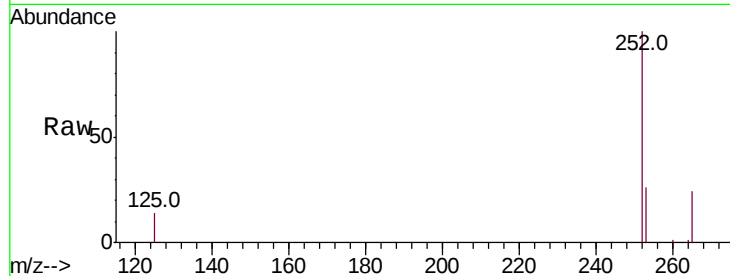
#22
Benzo(k)fluoranthene
Concen: 0.187 ng/ul m
RT: 22.80 min Scan# 6479
Delta R.T. -0.00 min
Lab File: BM025424.D
Acq: 09 Mar 2020 21:15

Instrument :
BNA_M
ClientSampleId :
DBDW1DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.8	29.8
125	14.2	7.1	10.7

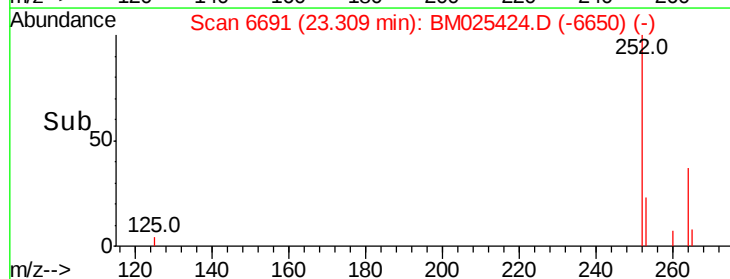
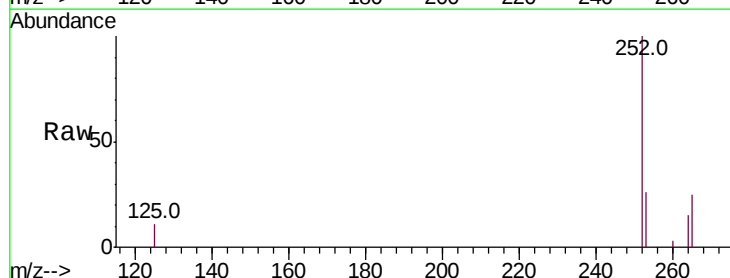
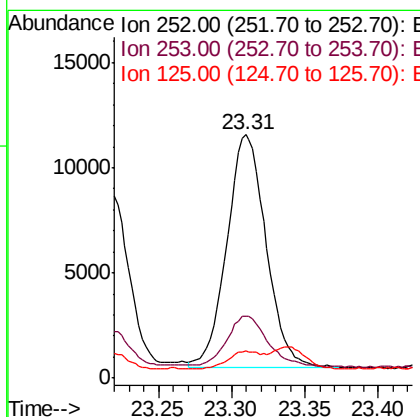
Manual Integrations
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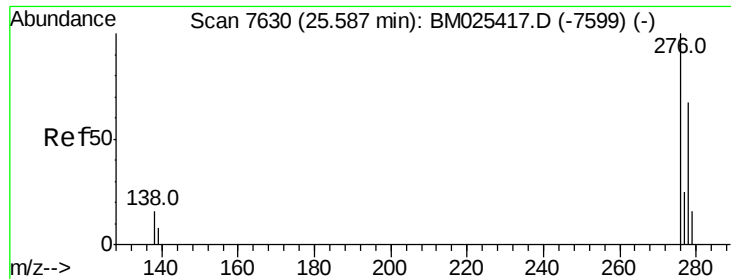
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#23
Benzo(a)pyrene
Concen: 0.361 ng/ul
RT: 23.31 min Scan# 6691
Delta R.T. -0.00 min
Lab File: BM025424.D
Acq: 09 Mar 2020 21:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	21.3	31.9
125	11.0	8.5	12.7





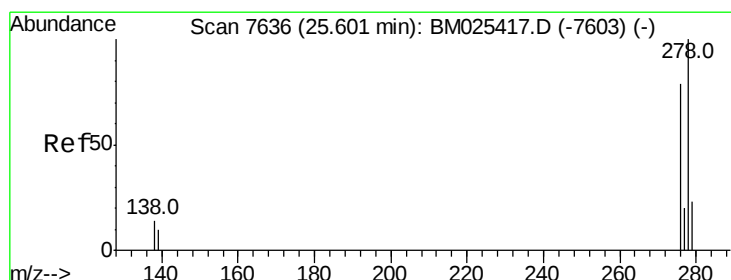
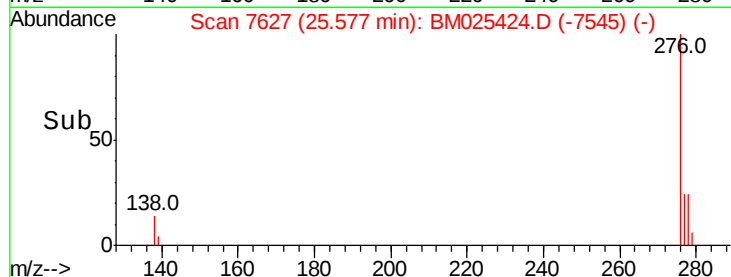
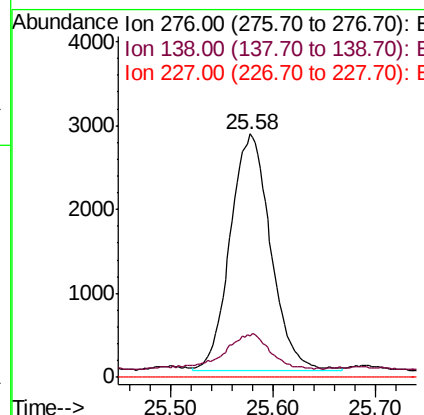
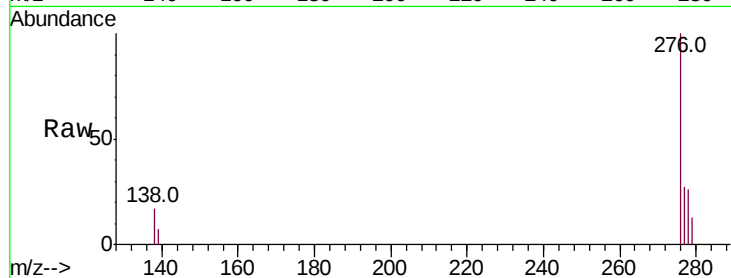
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.100 ng/u1
RT: 25.58 min Scan# 7627
Delta R.T. -0.00 min
Lab File: BM025424.D
Acq: 09 Mar 2020 21:15

Instrument :
BNA_M
ClientSampleId :
DBDW1DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.6	12.3	18.5
227	0.0	0.0	0.0

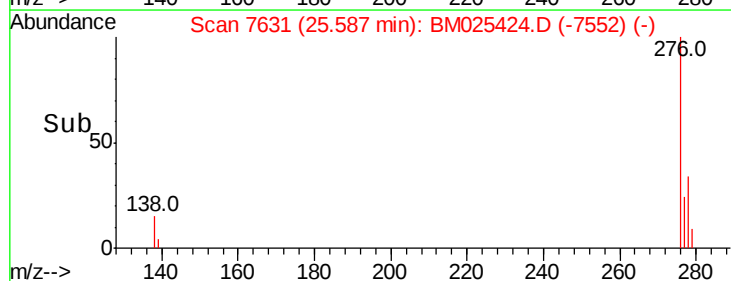
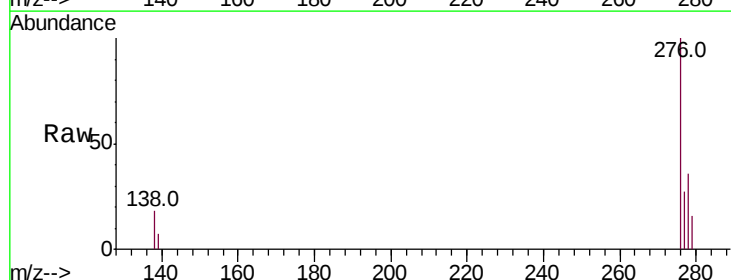
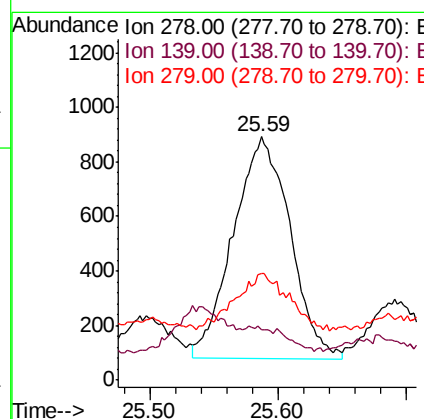
Manual Integrations
APPROVED

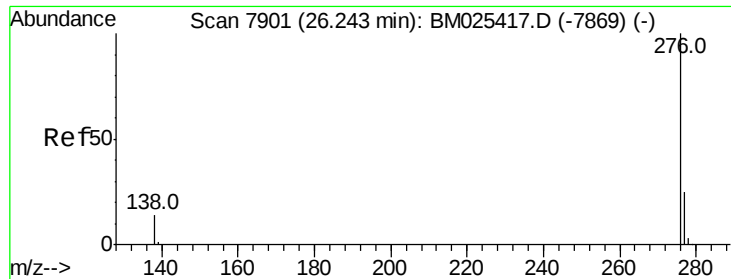
mohammad
3/10/2020 7:59:20 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.039 ng/u1
RT: 25.59 min Scan# 7631
Delta R.T. -0.01 min
Lab File: BM025424.D
Acq: 09 Mar 2020 21:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.7	9.0	13.6#
279	44.0	21.1	31.7#





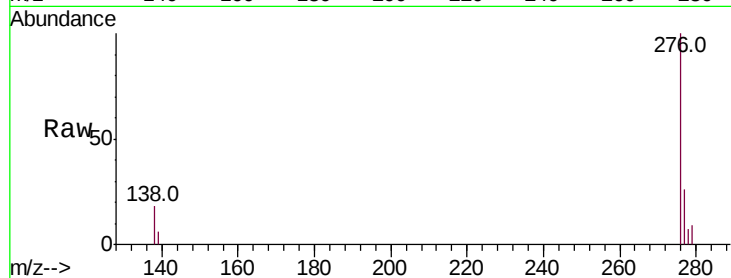
#26
 Benzo(a,h,i)perylene
 Concen: 0.078 ng/ul
 RT: 26.24 min Scan# 7900
 Delta R.T. -0.00 min
 Lab File: BM025424.D
 Acq: 09 Mar 2020 21:15

Instrument :
 BNA_M
 ClientSampleId :
 DBDW1DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.0	11.0	16.4#
277	26.0	19.8	29.6

Manual Integrations
 APPROVED

mohammad
 3/10/2020 7:59:20 AM



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

