

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
 Data File : BM025629.D
 Acq On : 18 Mar 2020 15:09
 Operator : CG/JU
 Sample : L1786-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC3

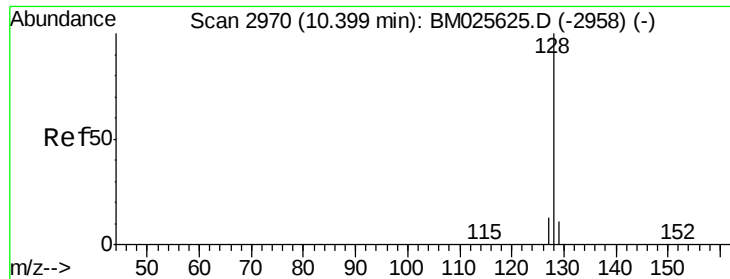
Manual Integrations
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mohammad
 3/19/2020 12:35:29 PM

Quant Time: Mar 18 15:47:31 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	2094	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8504	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5767	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	13062	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	14599	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	16219	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3373	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	9747	0.27	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	54106	2.149	ng/ul	98
5) 2-Methylnaphthalene	12.02	142	31707	1.762	ng/ul	100
7) Acenaphthylene	13.94	152	88192	3.743	ng/ul#	86
8) Acenaphthene	14.28	153	48730	2.358	ng/ul	99
9) Fluorene	15.27	166	139989	5.559	ng/ul	100
12) Phenanthrene	17.00	178	754982	18.239	ng/ul	100
13) Anthracene	17.10	178	717322	19.913	ng/ul	99
15) Fluoranthene	19.03	202	1614370	35.976	ng/ul	97
17) Pyrene	19.39	202	1184290	18.073	ng/ul	97
18) Benzo(a)anthracene	21.14	228	789934	15.134	ng/ul	98
19) Chrysene	21.19	228	675089	11.518	ng/ul	98
21) Benzo(b)fluoranthene	22.68	252	863976m	13.452	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	329427m	4.896	ng/ul	
23) Benzo(a)pyrene	23.22	252	569989m	10.687	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.43	276	329228	4.550	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.44	278	105036	1.726	ng/ul	99
26) Benzo(a,h,i)perylene	26.08	276	209399	3.336	ng/ul	98

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



#3

Naphthalene

Concen: 2.149 ng/ul

RT: 10.40 min Scan# 2970

Delta R.T. -0.00 min

Lab File: BM025629.D

Acq: 18 Mar 2020 15:09

Instrument :

BNA_M

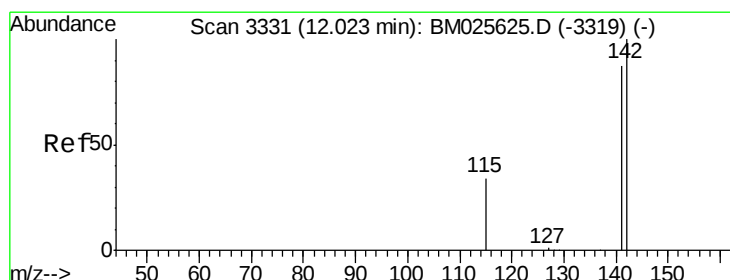
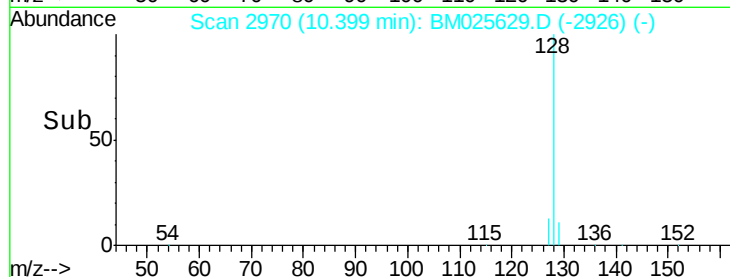
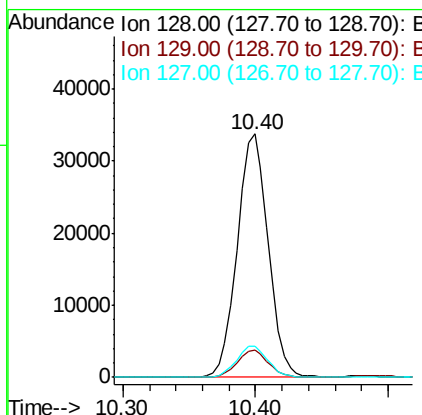
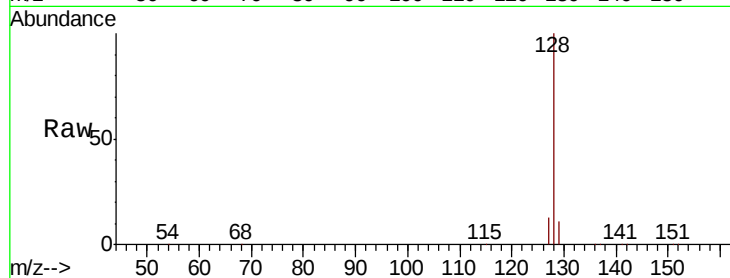
ClientSampleId :

C0AC3

Tot Ion:	128	Resp:	54106
Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.0
127	12.9	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 1.762 ng/ul

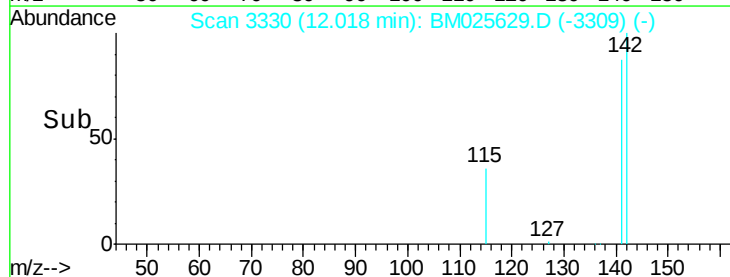
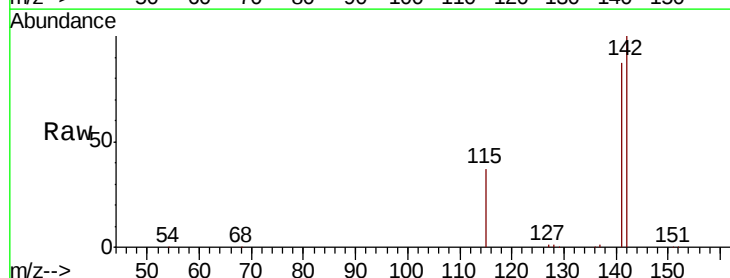
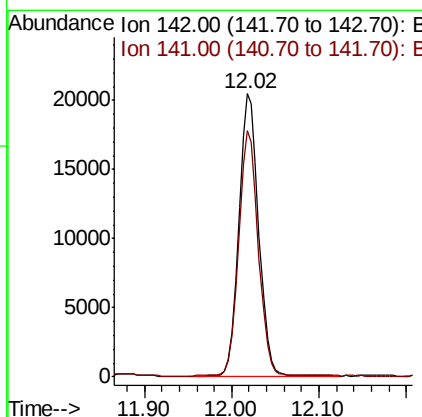
RT: 12.02 min Scan# 3330

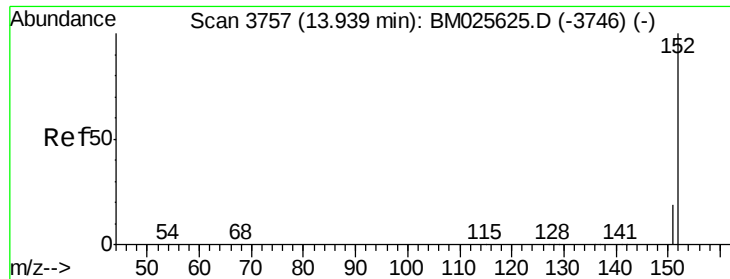
Delta R.T. -0.01 min

Lab File: BM025629.D

Acq: 18 Mar 2020 15:09

Tgt Ion:	142	Resp:	31707
Ion	Ratio	Lower	Upper
142	100		
141	87.1	69.8	104.6





#7

Acenaphthylene

Concen: 3.743 ng/ul

RT: 13.94 min Scan# 3757

Delta R.T. -0.00 min

Lab File: BM025629.D

Acq: 18 Mar 2020 15:09

Instrument :

BNA_M

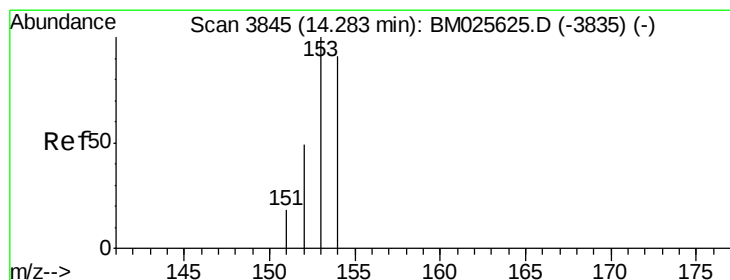
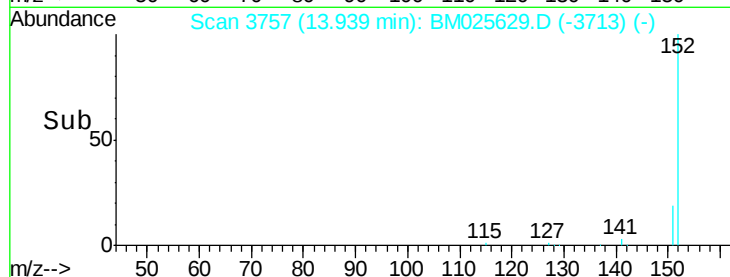
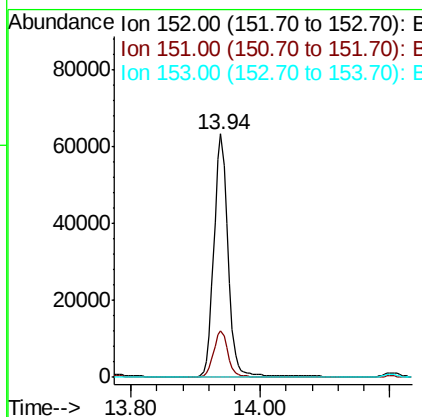
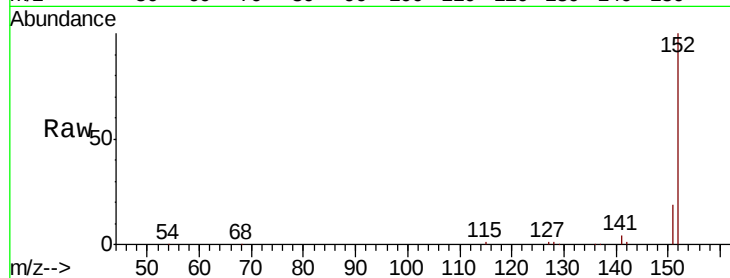
ClientSampleId :

C0AC3

Tot Ion:	152	Resp:	88192
Ion Ratio	Lower	Upper	
152	100		
151	19.3	16.2	24.2
153	0.0	10.6	16.0

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#8

Acenaphthene

Concen: 2.358 ng/ul

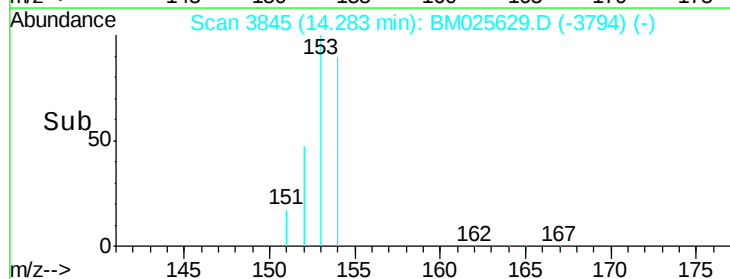
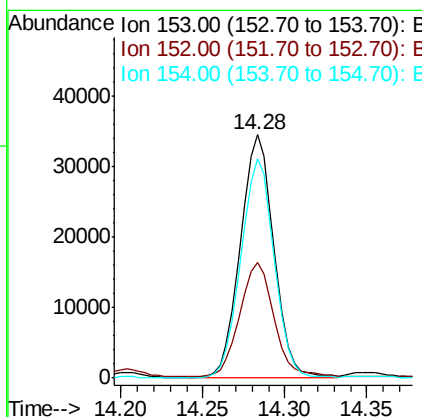
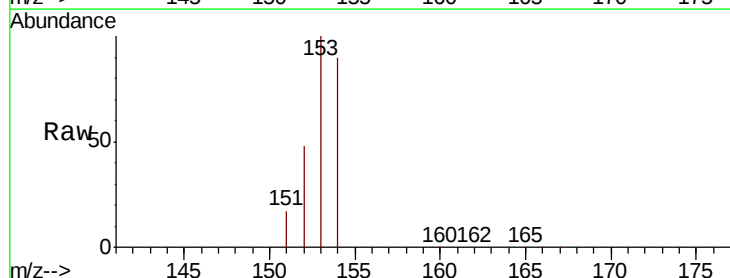
RT: 14.28 min Scan# 3845

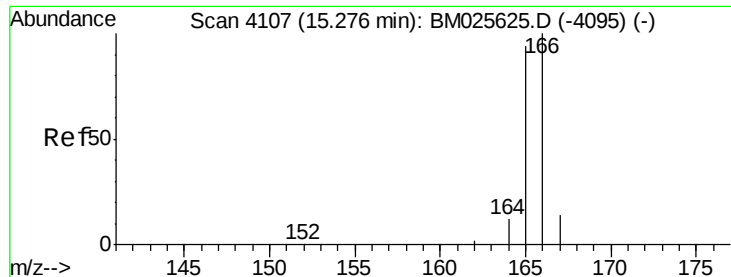
Delta R.T. -0.01 min

Lab File: BM025629.D

Acq: 18 Mar 2020 15:09

Tgt Ion:	153	Resp:	48730
Ion Ratio	Lower	Upper	
153	100		
152	47.5	39.5	59.3
154	90.2	71.7	107.5





#9

Fluorene

Concen: 5.559 ng/ul

RT: 15.27 min Scan# 4106

Delta R.T. -0.01 min

Lab File: BM025629.D

Acq: 18 Mar 2020 15:09

Instrument :

BNA_M

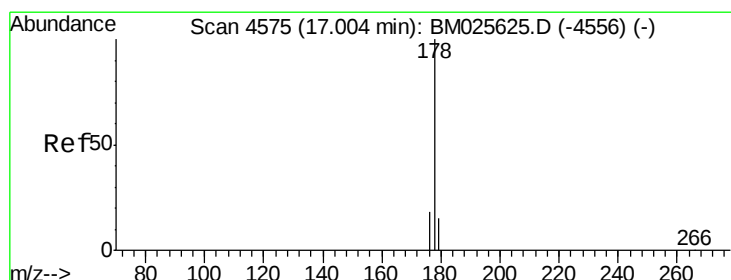
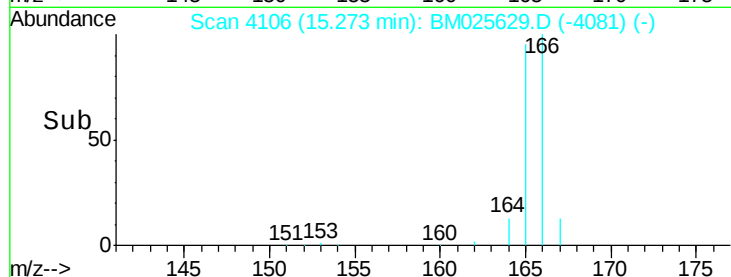
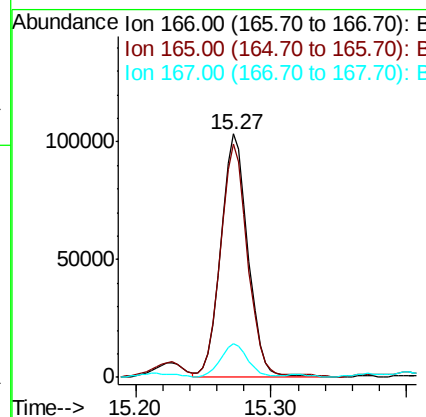
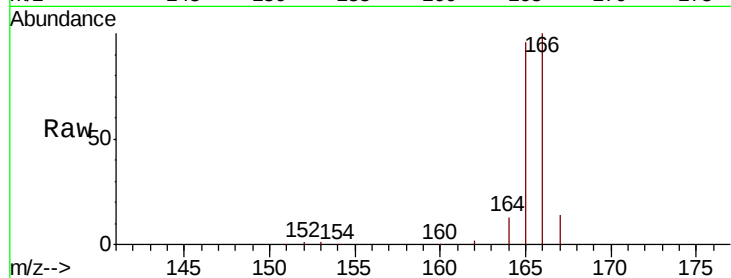
ClientSampleId :

C0AC3

Tot Ion:	166	Resp:	139989
Ion Ratio	Lower	Upper	
166	100		
165	95.7	76.8	115.2
167	13.8	11.2	16.8

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#12

Phenanthrene

Concen: 18.239 ng/ul

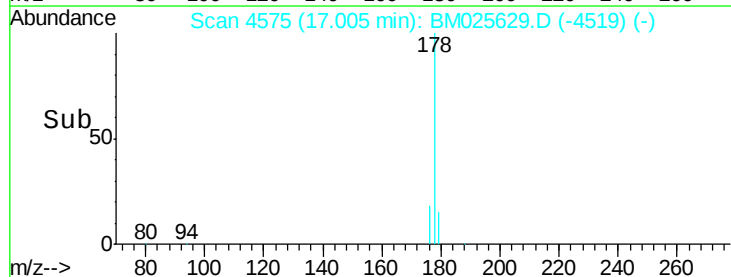
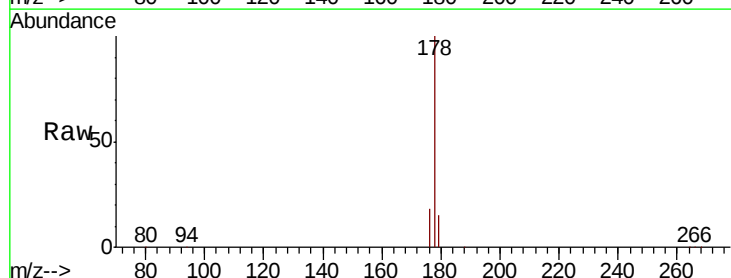
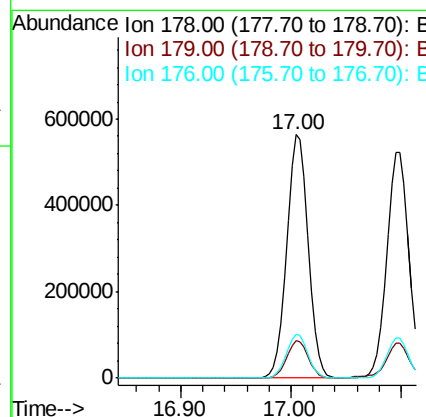
RT: 17.00 min Scan# 4575

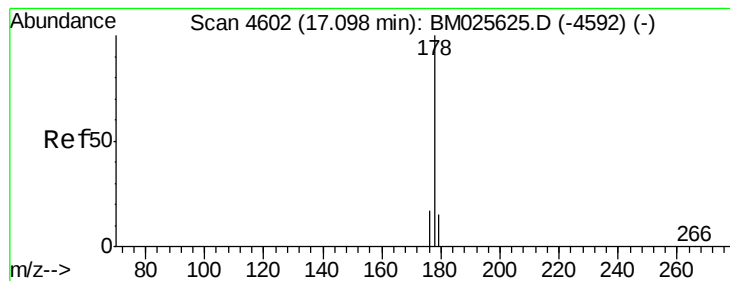
Delta R.T. -0.01 min

Lab File: BM025629.D

Acq: 18 Mar 2020 15:09

Tgt Ion:	178	Resp:	754982
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.4	18.6
176	18.2	14.8	22.2





#13

Anthracene

Concen: 19.913 ng/ul

RT: 17.10 min Scan# 4602

Delta R.T. -0.00 min

Lab File: BM025629.D

Acq: 18 Mar 2020 15:09

Instrument :

BNA_M

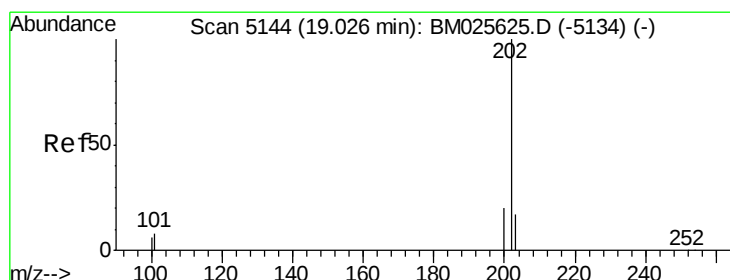
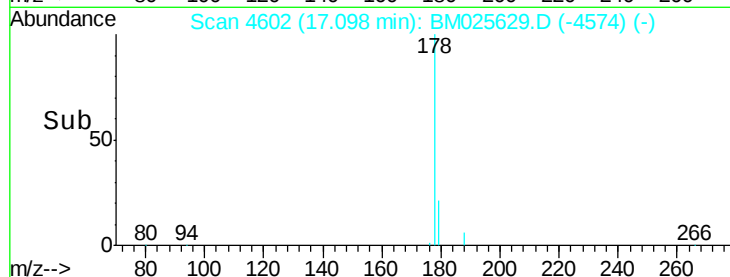
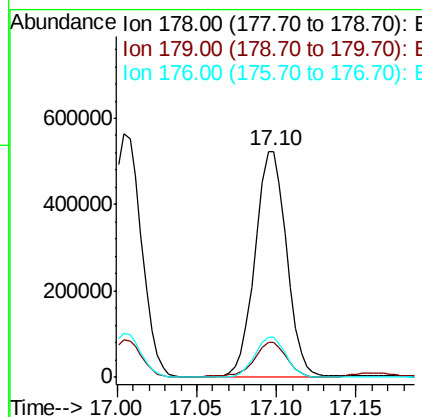
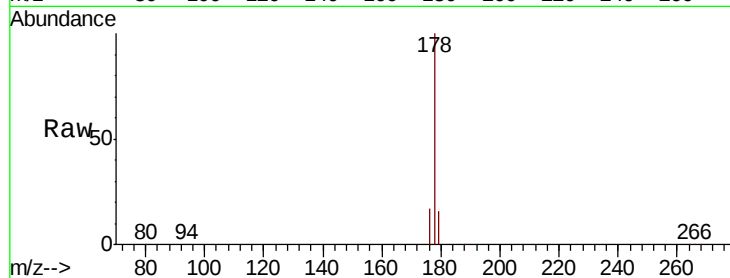
ClientSampleId :

C0AC3

Tot Ion:	178	Resp:	717322
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	18.8
176	17.5	14.5	21.7

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#15

Fluoranthene

Concen: 35.976 ng/ul

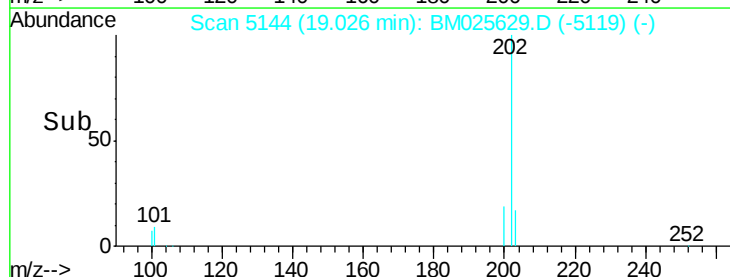
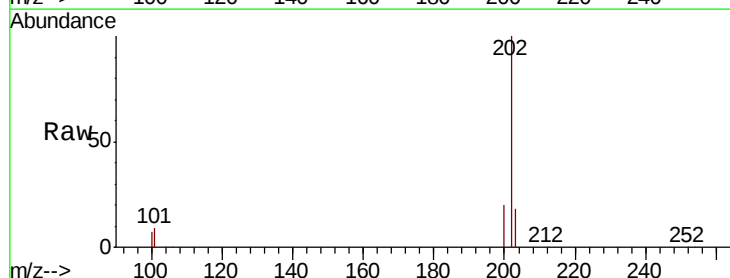
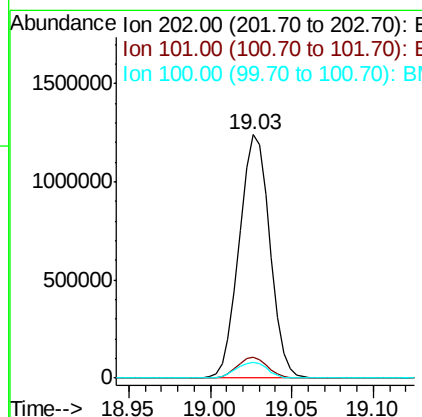
RT: 19.03 min Scan# 5144

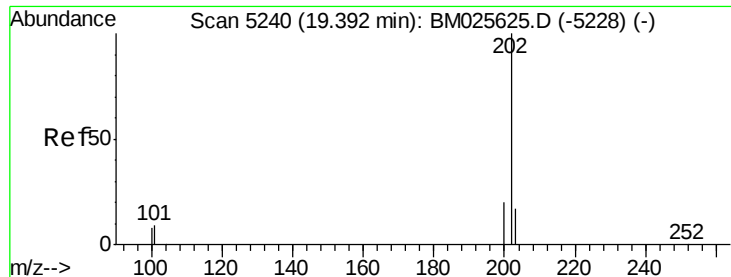
Delta R.T. -0.01 min

Lab File: BM025629.D

Acq: 18 Mar 2020 15:09

Tgt Ion:	202	Resp:	1614370
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	27.5
100	6.6	0.0	26.0





#17

Pvrene

Concen: 18.073 ng/ul

RT: 19.39 min Scan# 5239

Delta R.T. -0.01 min

Lab File: BM025629.D

Acq: 18 Mar 2020 15:09

Instrument :

BNA_M

ClientSampleId :

C0AC3

Tot Ion:202 Resp: 1184290

Ion Ratio Lower Upper

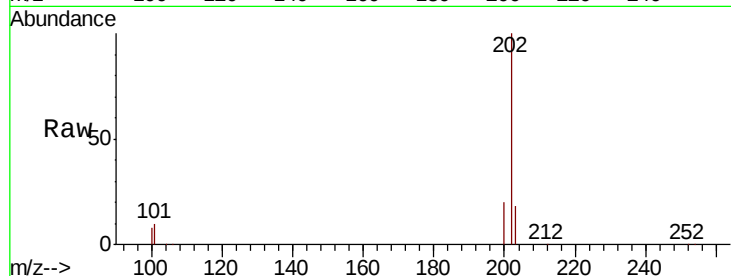
202 100

101 10.1 7.1 10.7

100 8.3 6.0 9.0

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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

1200000

1000000

800000

600000

400000

200000

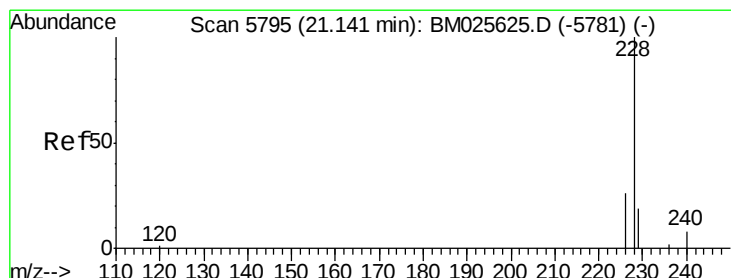
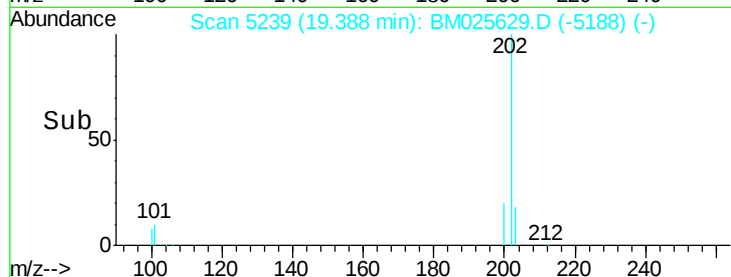
0

19.39

19.30

19.40

Time-->



#18

Benzo(a)anthracene

Concen: 15.134 ng/ul

RT: 21.14 min Scan# 5795

Delta R.T. -0.00 min

Lab File: BM025629.D

Acq: 18 Mar 2020 15:09

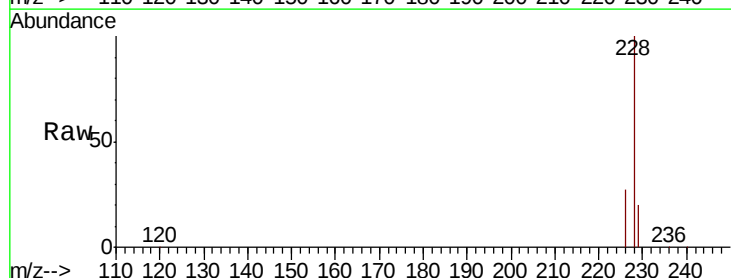
Tgt Ion:228 Resp: 789934

Ion Ratio Lower Upper

228 100

229 20.4 15.6 23.4

226 27.5 21.1 31.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

800000

600000

400000

200000

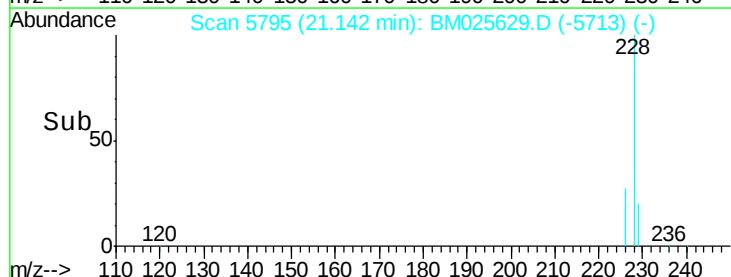
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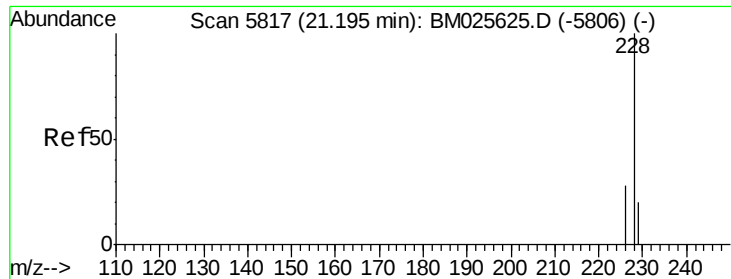
21.14

21.10

21.15

Time-->





#19

Chrysene

Concen: 11.518 ng/ul

RT: 21.19 min Scan# 5816

Delta R.T. -0.01 min

Lab File: BM025629.D

Acq: 18 Mar 2020 15:09

Instrument :

BNA_M

ClientSampleId :

C0AC3

Tot Ion:228 Resp: 675089

Ion Ratio Lower Upper

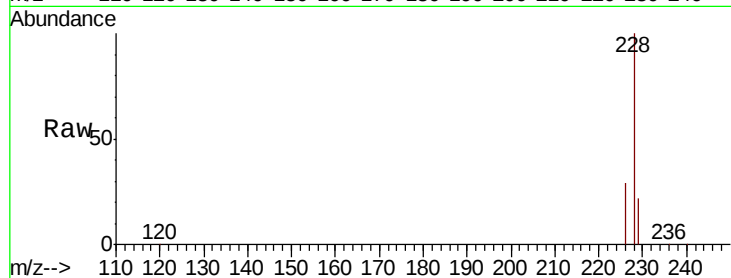
228 100

226 28.9 23.6 35.4

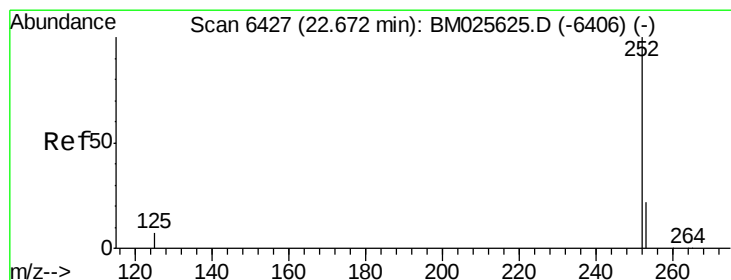
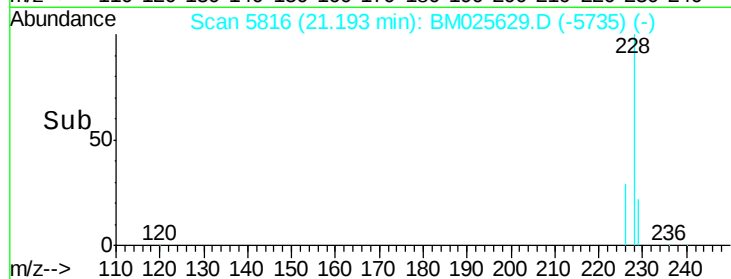
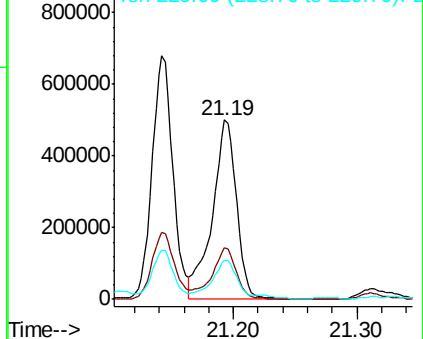
229 22.0 16.3 24.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 13.452 ng/ul m

RT: 22.68 min Scan# 6429

Delta R.T. 0.00 min

Lab File: BM025629.D

Acq: 18 Mar 2020 15:09

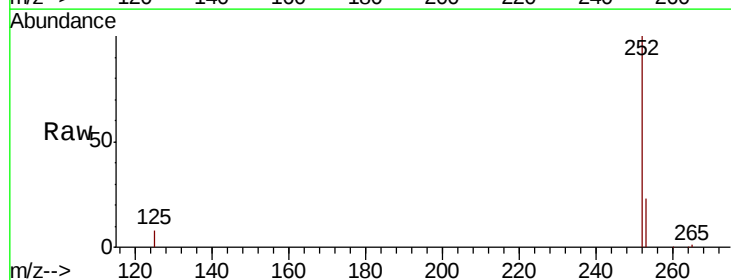
Tgt Ion:252 Resp: 863976

Ion Ratio Lower Upper

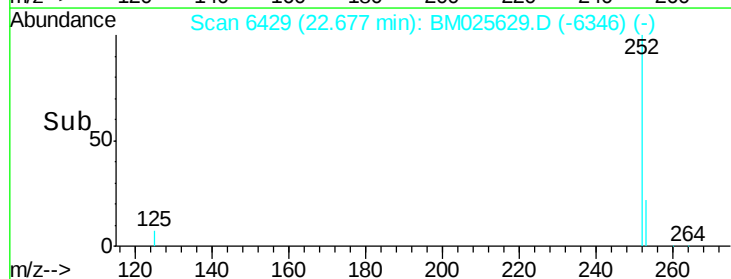
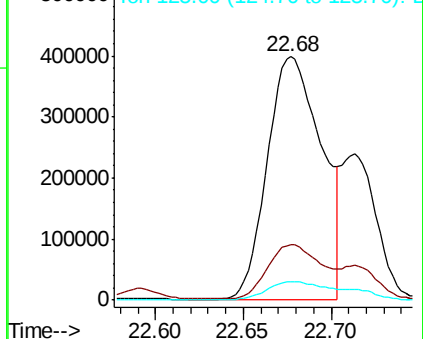
252 100

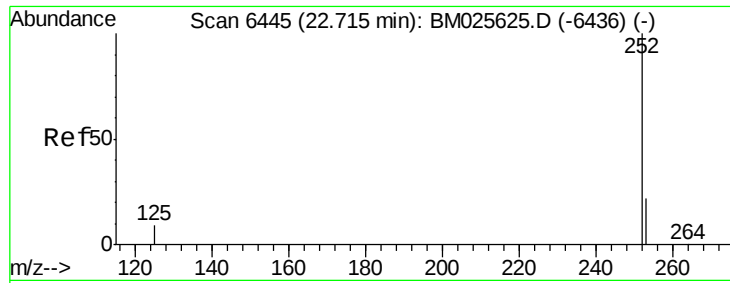
253 22.6 0.0 50.2

125 7.5 0.0 17.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





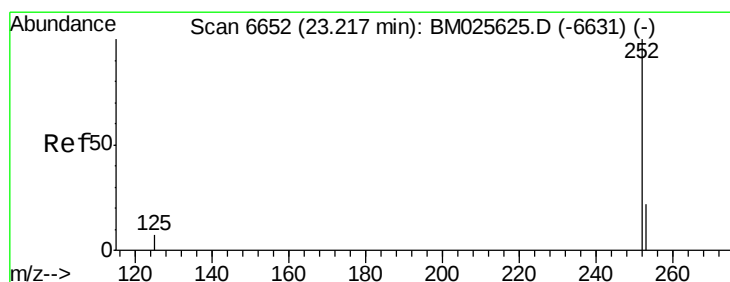
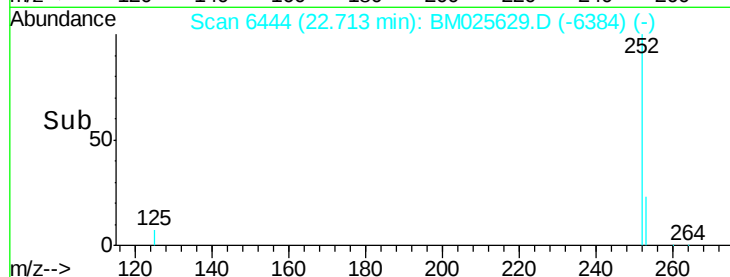
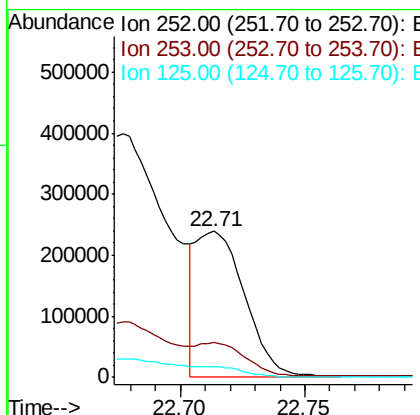
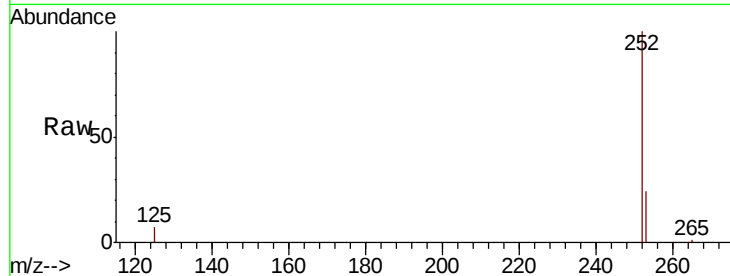
#22
Benzo(k)fluoranthene
Concen: 4.896 ng/ul m
RT: 22.71 min Scan# 6444
Delta R.T. -0.01 min
Lab File: BM025629.D
Acq: 18 Mar 2020 15:09

Instrument :
BNA_M
ClientSampleId :
C0AC3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.8	29.8
125	7.5	7.1	10.7

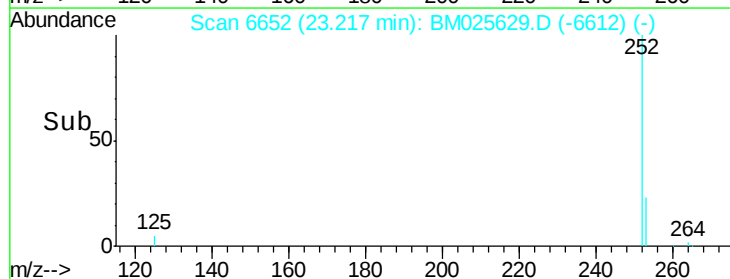
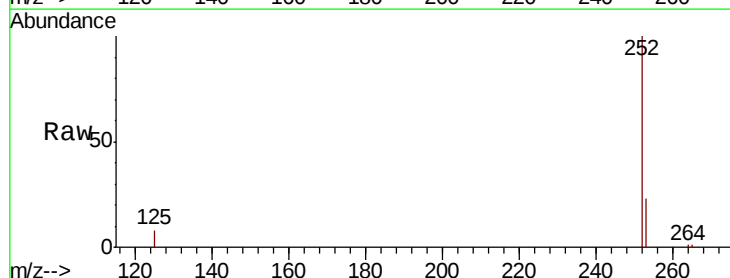
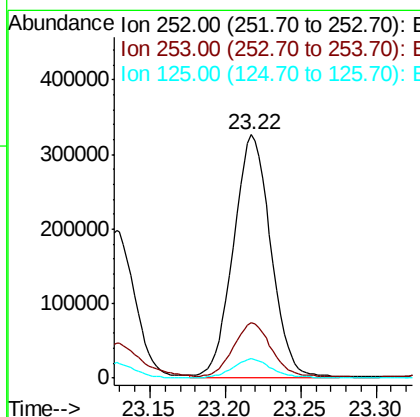
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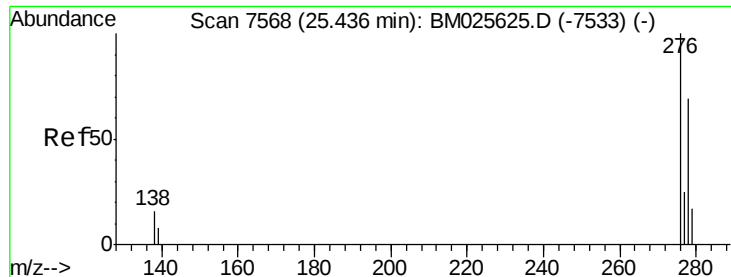
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#23
Benzo(a)pyrene
Concen: 10.687 ng/ul m
RT: 23.22 min Scan# 6652
Delta R.T. -0.00 min
Lab File: BM025629.D
Acq: 18 Mar 2020 15:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	21.3	31.9
125	7.8	8.5	12.7#





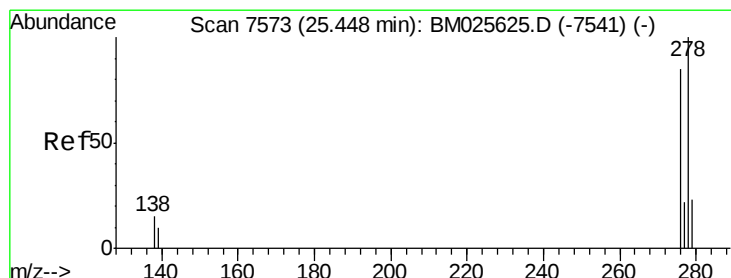
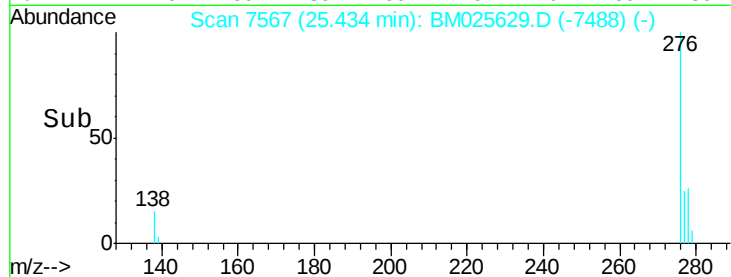
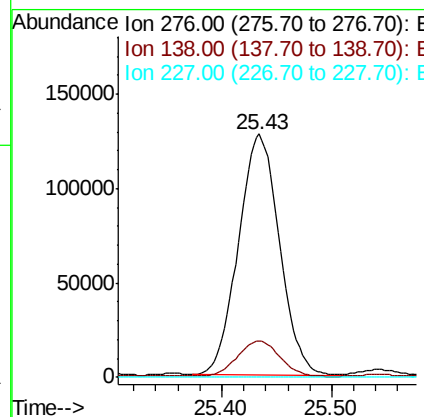
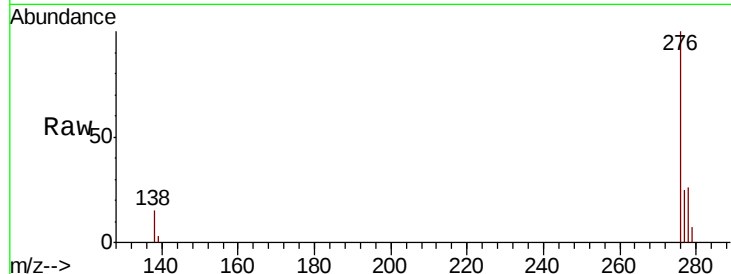
#24
Indeno(1,2,3-cd)pyrene
Concen: 4.550 ng/ul
RT: 25.43 min Scan# 7567
Delta R.T. -0.01 min
Lab File: BM025629.D
Acq: 18 Mar 2020 15:09

Instrument :
BNA_M
ClientSampleId :
C0AC3

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.4	12.3	18.5
227	0.0	0.0	0.0

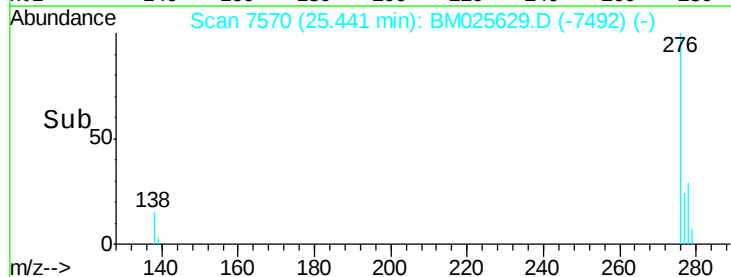
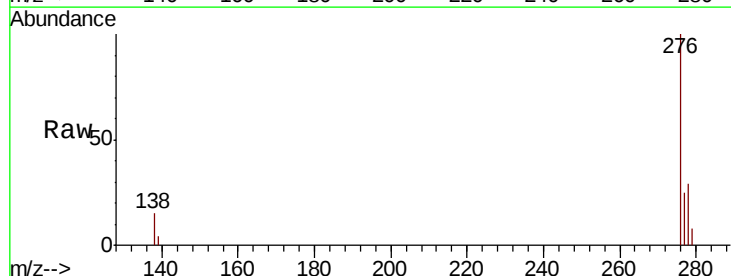
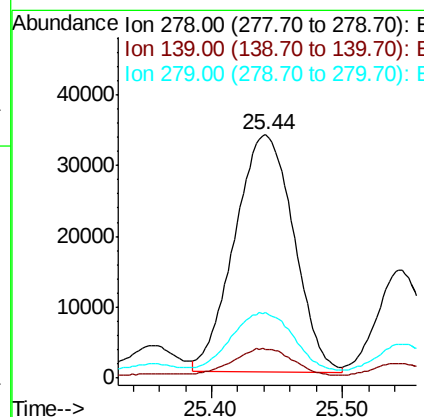
Manual Integrations
APPROVED

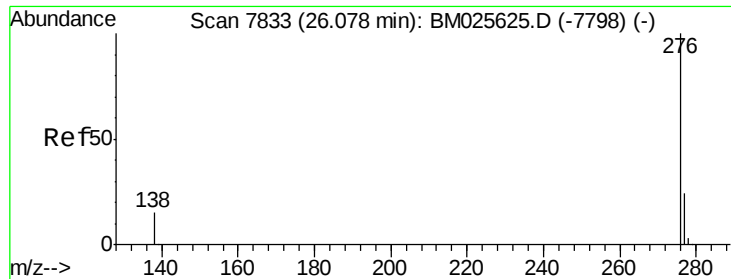
mohammad
3/19/2020 12:35:29 PM



#25
Dibenzo(a,h)anthracene
Concen: 1.726 ng/ul
RT: 25.44 min Scan# 7570
Delta R.T. -0.01 min
Lab File: BM025629.D
Acq: 18 Mar 2020 15:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.0	9.0	13.6
279	27.0	21.1	31.7





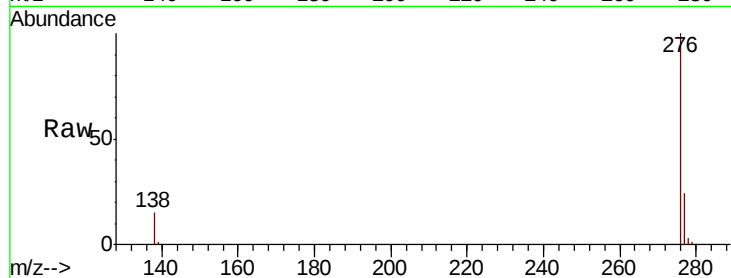
#26
Benzo(a,h,i)perylene
Concen: 3.336 ng/ul
RT: 26.08 min Scan# 7834
Delta R.T. -0.01 min
Lab File: BM025629.D
Acq: 18 Mar 2020 15:09

Instrument :
BNA_M
ClientSampleId :
C0AC3

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	15.3	11.0	16.4
277	24.1	19.8	29.6

Manual Integrations
APPROVED

mohammad
3/19/2020 12:35:29 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

