

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
 Data File : BM025561.D
 Acq On : 14 Mar 2020 03:51
 Operator : CG/JU
 Sample : L1786-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC2

Manual Integrations
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mohammad
 3/16/2020 1:53:06 PM

Quant Time: Mar 16 07:20:41 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 16 06:44:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4048	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17670	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	11841	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	22520	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	16408	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	18025	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	2270	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	4809	0.08	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	55995	1.070	ng/ul	98
5) 2-Methylnaphthalene	12.09	142	30423	0.814	ng/ul	100
7) Acenaphthylene	14.00	152	52986	1.095	ng/ul#	86
8) Acenaphthene	14.34	153	67262	1.585	ng/ul	98
9) Fluorene	15.33	166	143309	2.772	ng/ul	99
12) Phenanthrene	17.06	178	768143	10.763	ng/ul	100
13) Anthracene	17.16	178	412381	6.640	ng/ul	99
15) Fluoranthene	19.08	202	1449508	18.736	ng/ul	97
17) Pyrene	19.45	202	1028391	13.964	ng/ul	98
18) Benzo(a)anthracene	21.20	228	582544	9.930	ng/ul	99
19) Chrysene	21.25	228	477351	7.246	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	603496m	8.455	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	224331m	3.000	ng/ul	
23) Benzo(a)pyrene	23.30	252	370175	6.245	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.56	276	220822	2.746	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.57	278	72440	1.071	ng/ul	98
26) Benzo(a,h,i)perylene	26.22	276	137546	1.972	ng/ul	98

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

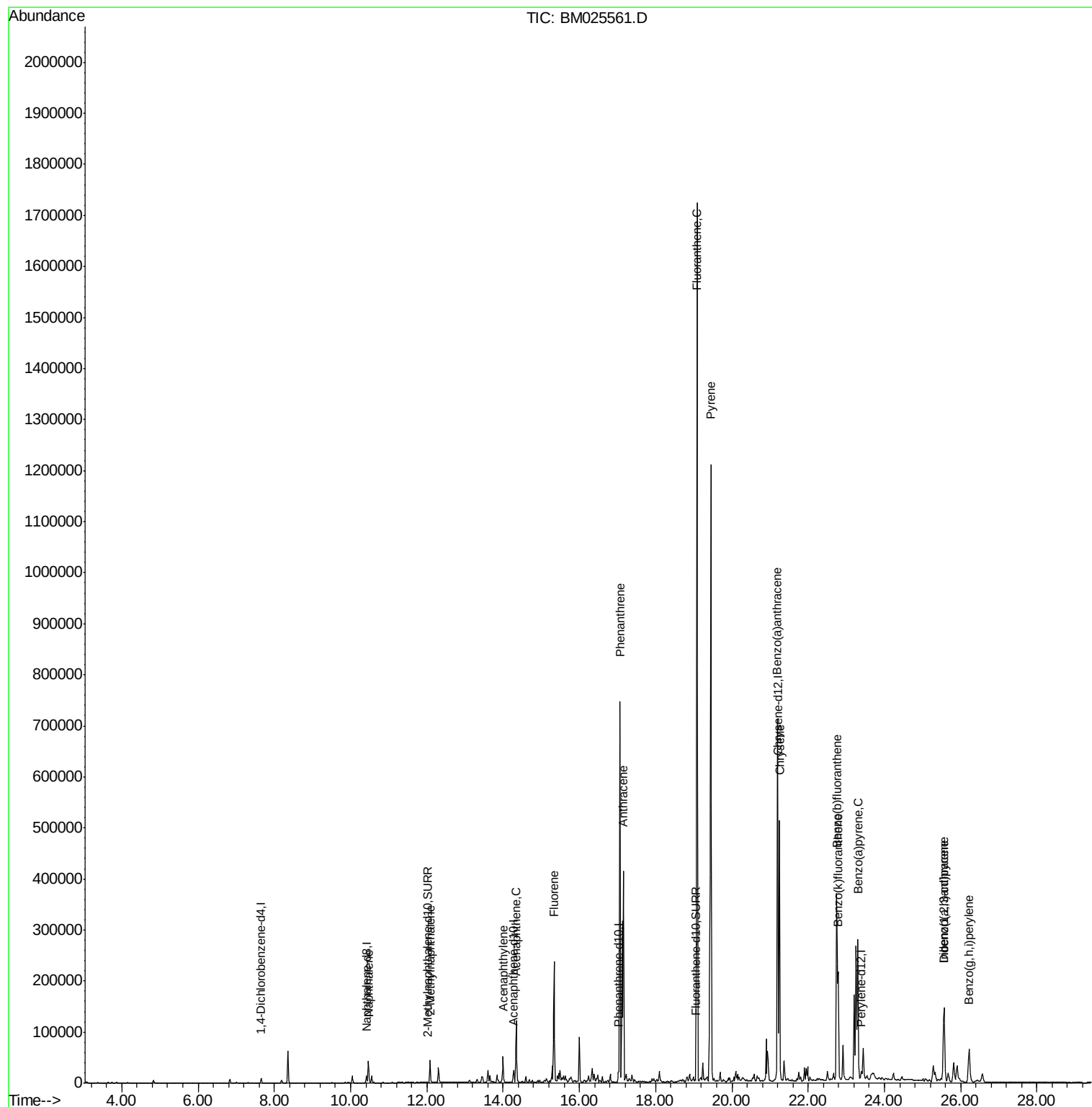
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031320\
Data File : BM025561.D
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ALS Vial : 20 Sample Multiplier: 1

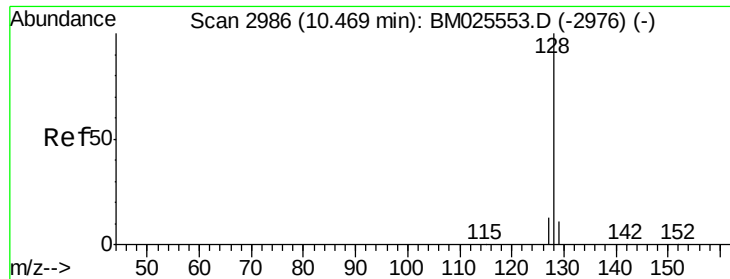
Instrument :
BNA_M
ClientSampleId :
C0AC2

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Quant Time: Mar 16 07:20:41 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 16 06:44:28 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.070 ng/ul

RT: 10.47 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BM025561.D

Acq: 14 Mar 2020 03:51

Instrument :

BNA_M

ClientSampleId :

C0AC2

Tot Ion:128 Resp: 55995

Ion Ratio Lower Upper

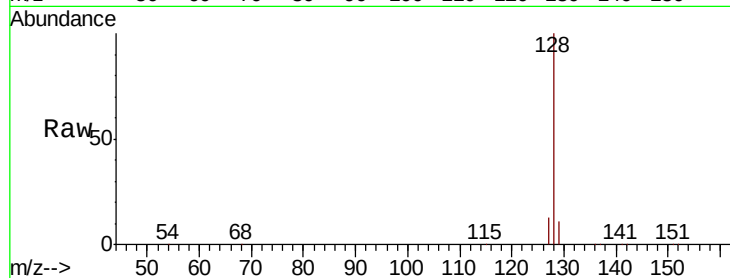
128 100

129 11.1 9.4 14.0

127 12.7 10.9 16.3

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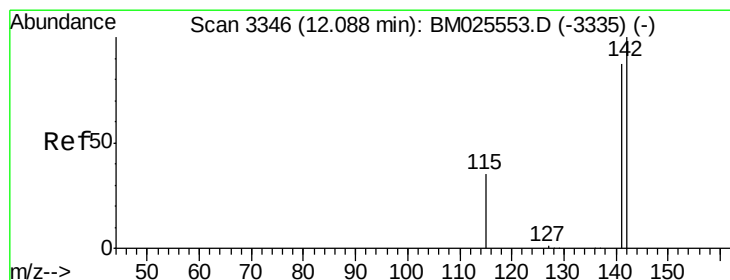
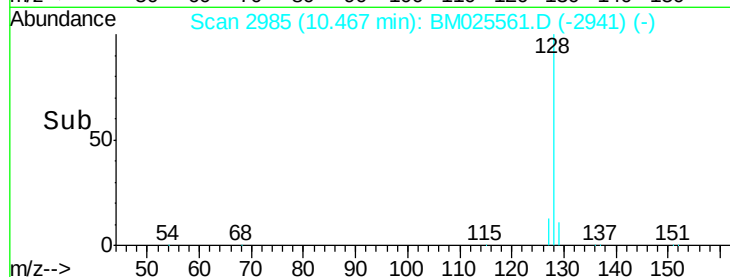
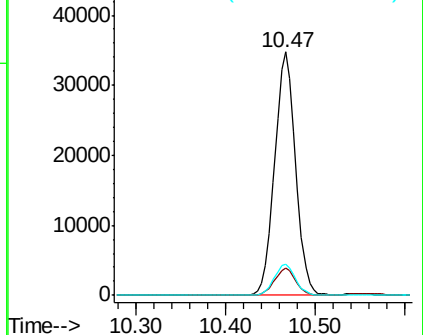
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.814 ng/ul

RT: 12.09 min Scan# 3345

Delta R.T. -0.00 min

Lab File: BM025561.D

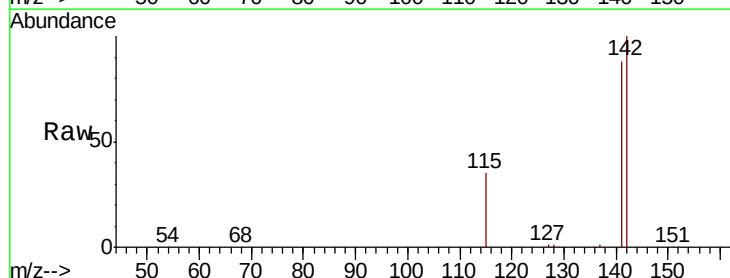
Acq: 14 Mar 2020 03:51

Tgt Ion:142 Resp: 30423

Ion Ratio Lower Upper

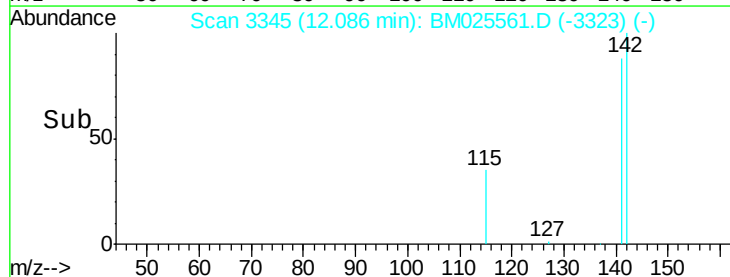
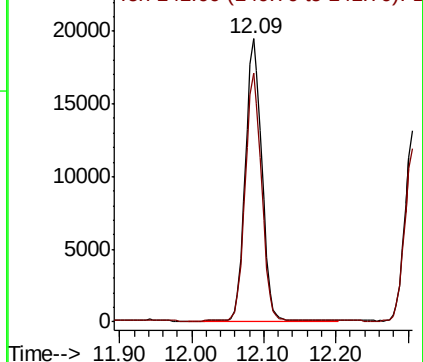
142 100

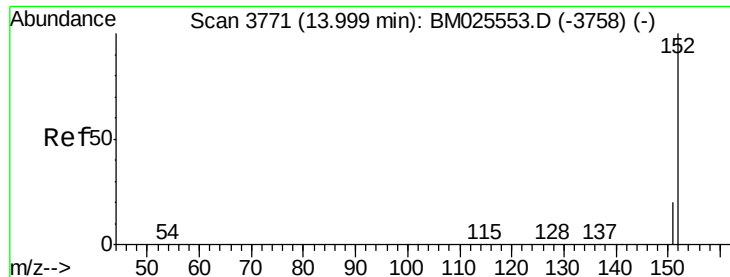
141 86.8 69.8 104.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.095 ng/ul

RT: 14.00 min Scan# 3770

Delta R.T. -0.00 min

Lab File: BM025561.D

Acq: 14 Mar 2020 03:51

Instrument :

BNA_M

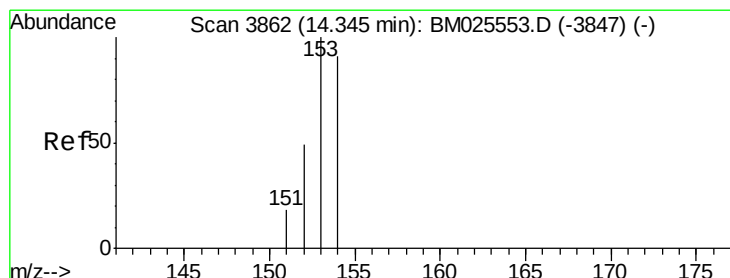
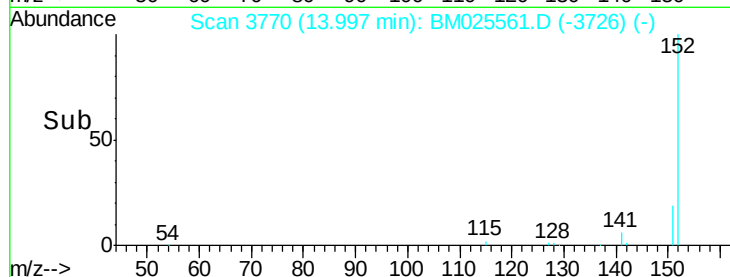
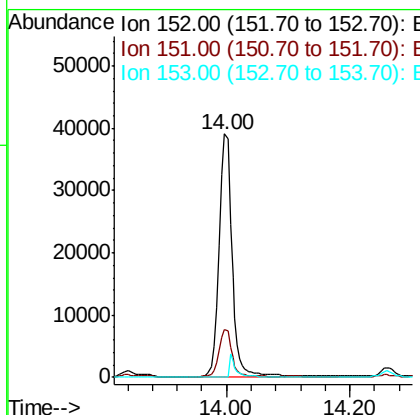
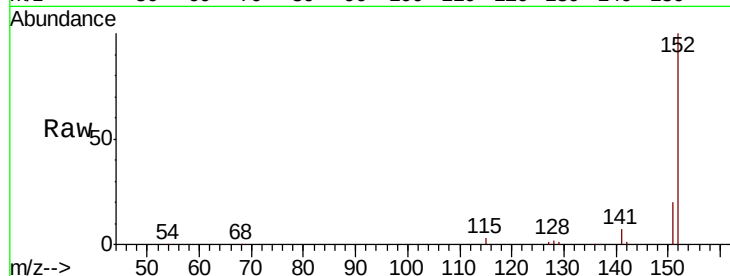
ClientSampleId :

C0AC2

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.2
153	0.0	10.6	16.0

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#8

Acenaphthene

Concen: 1.585 ng/ul

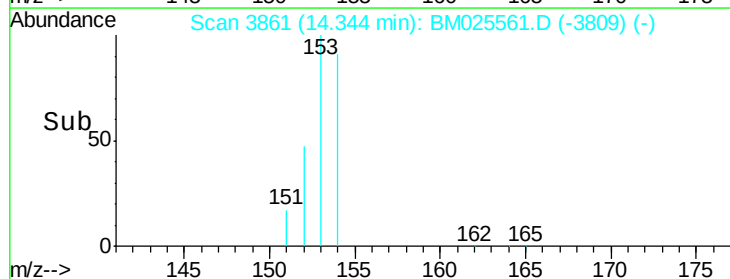
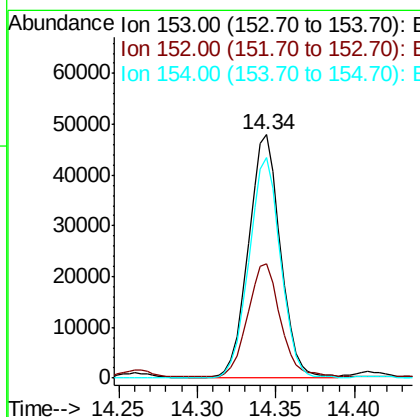
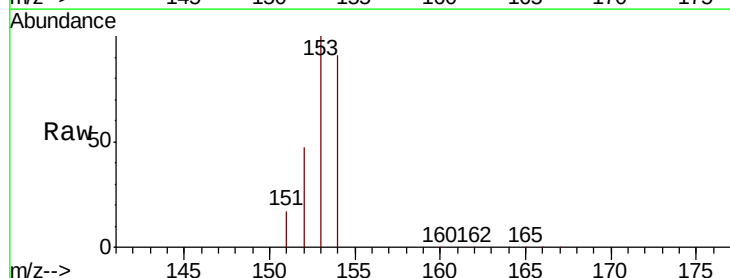
RT: 14.34 min Scan# 3861

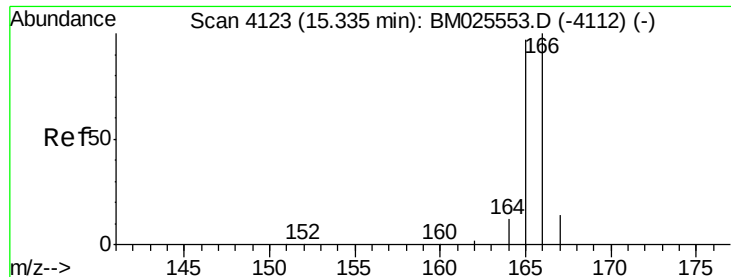
Delta R.T. -0.00 min

Lab File: BM025561.D

Acq: 14 Mar 2020 03:51

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.0	39.5	59.3
154	90.5	71.7	107.5





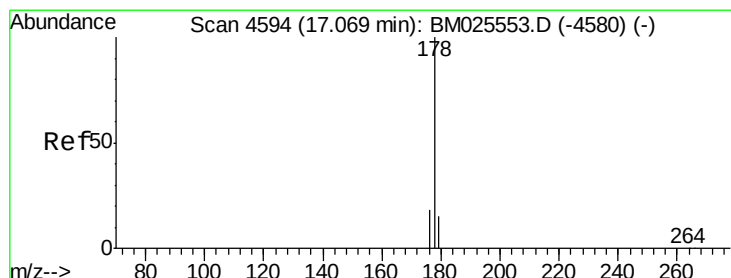
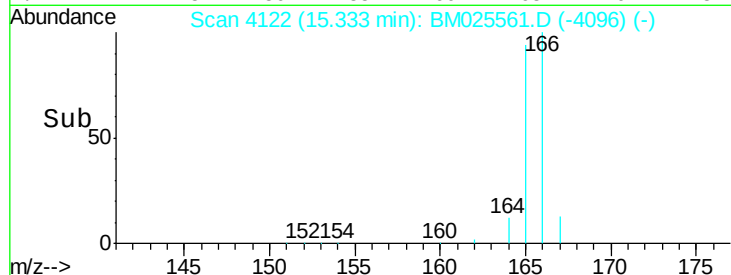
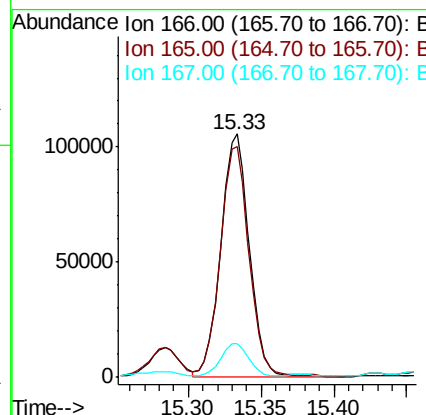
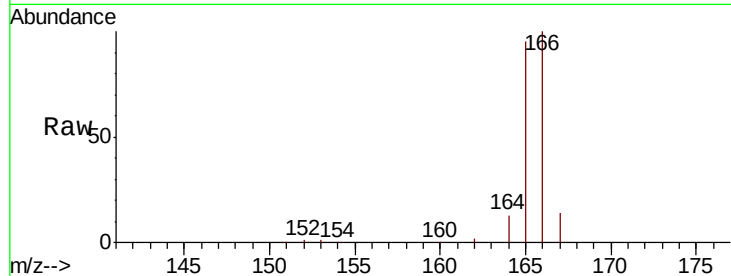
#9
Fluorene
 Concen: 2.772 ng/ul
 RT: 15.33 min Scan# 4122
 Delta R.T. -0.00 min
 Lab File: BM025561.D
 Acq: 14 Mar 2020 03:51

Instrument :
 BNA_M
 ClientSampleId :
 C0AC2

Tot Ion	Ratio	Lower	Upper
166	100		
165	94.7	76.8	115.2
167	14.0	11.2	16.8

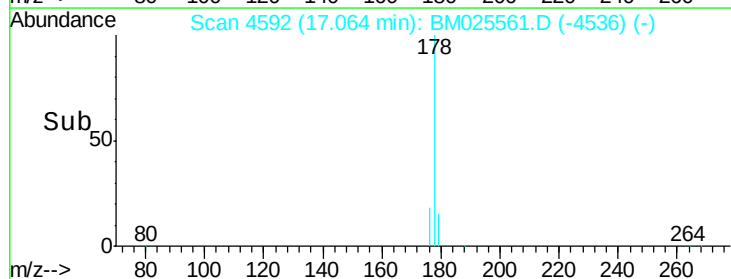
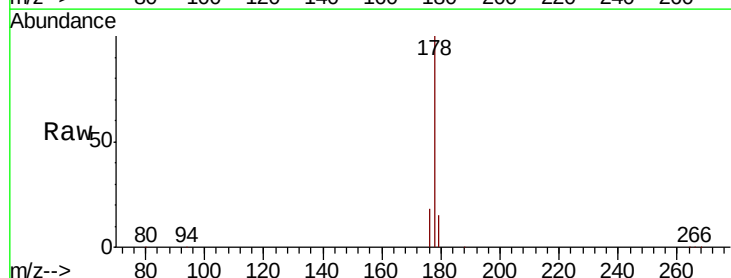
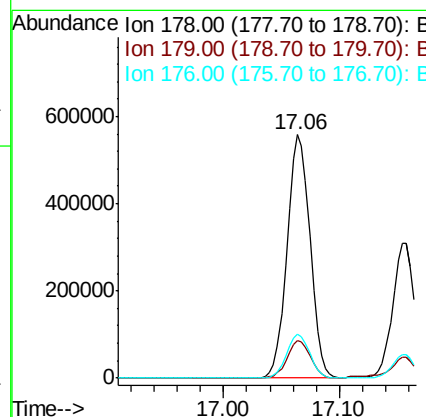
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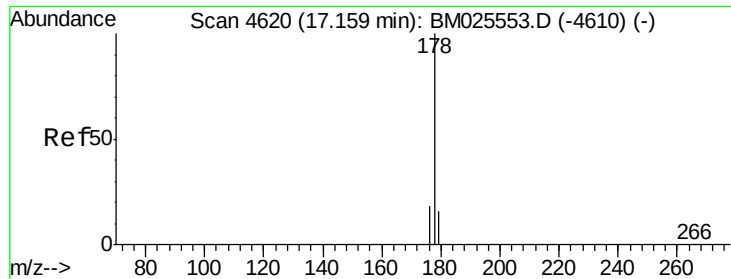
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#12
Phenanthrene
 Concen: 10.763 ng/ul
 RT: 17.06 min Scan# 4592
 Delta R.T. -0.00 min
 Lab File: BM025561.D
 Acq: 14 Mar 2020 03:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.2	14.8	22.2





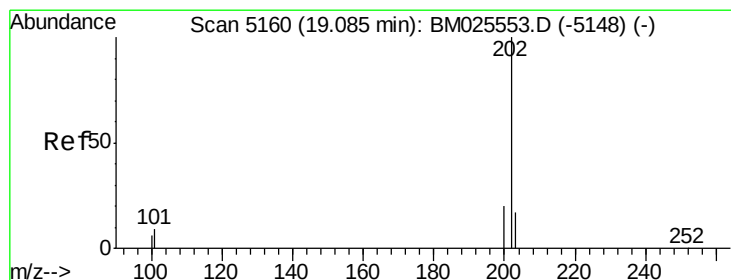
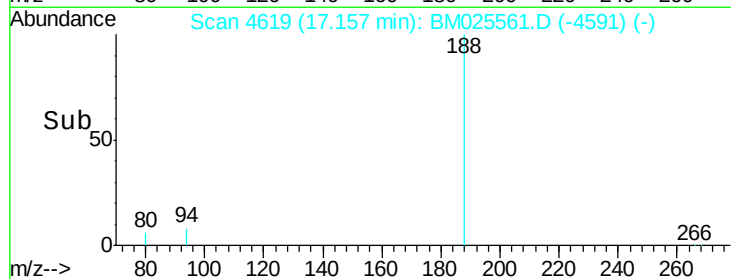
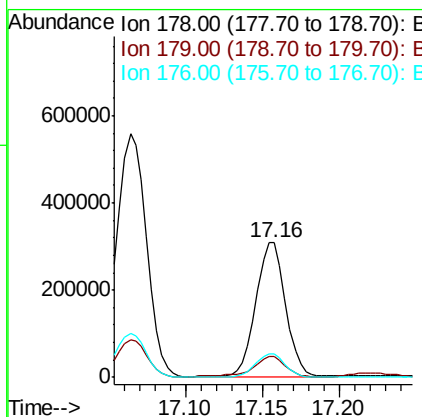
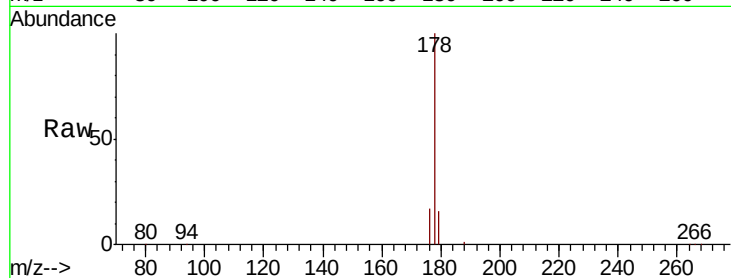
#13
 Anthracene
 Concen: 6.640 ng/ul
 RT: 17.16 min Scan# 4619
 Delta R.T. -0.00 min
 Lab File: BM025561.D
 Acq: 14 Mar 2020 03:51

Instrument :
 BNA_M
 ClientSampled :
 C0AC2

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

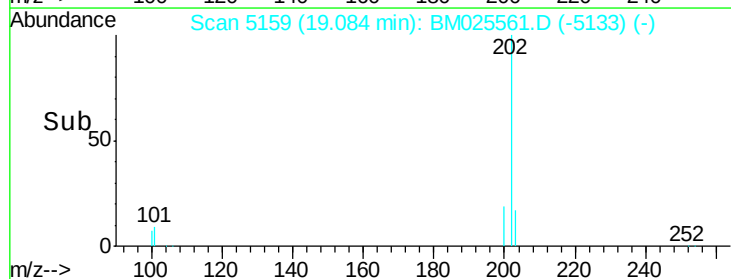
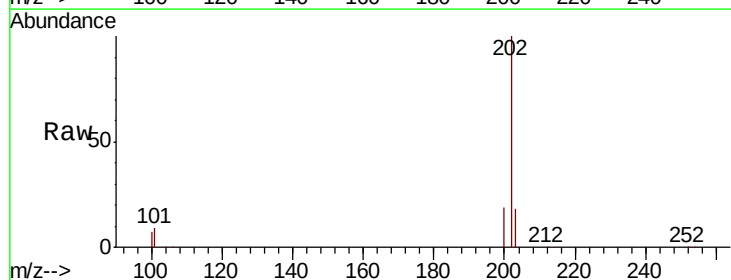
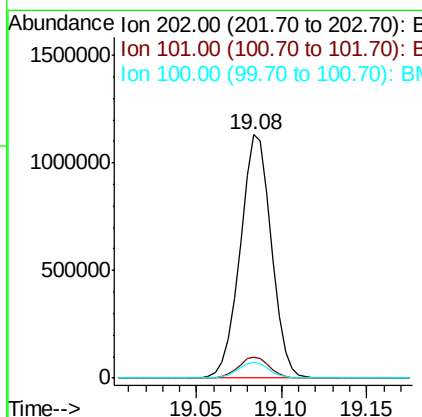
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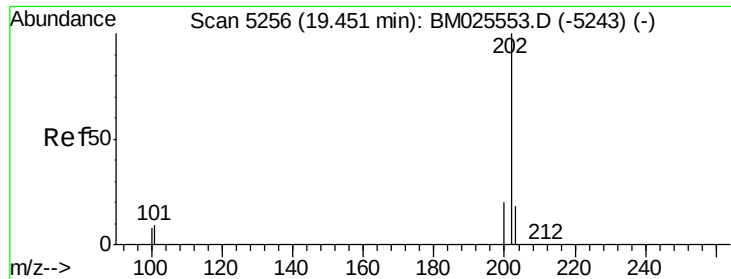
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#15
 Fluoranthene
 Concen: 18.736 ng/ul
 RT: 19.08 min Scan# 5159
 Delta R.T. -0.00 min
 Lab File: BM025561.D
 Acq: 14 Mar 2020 03:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	27.5
100	6.7	0.0	26.0





#17

Pvrene

Concen: 13.964 ng/ul

RT: 19.45 min Scan# 5254

Delta R.T. -0.01 min

Lab File: BM025561.D

Acq: 14 Mar 2020 03:51

Instrument :

BNA_M

ClientSampleId :

C0AC2

Tot Ion:202 Resp: 1028391

Ion Ratio Lower Upper

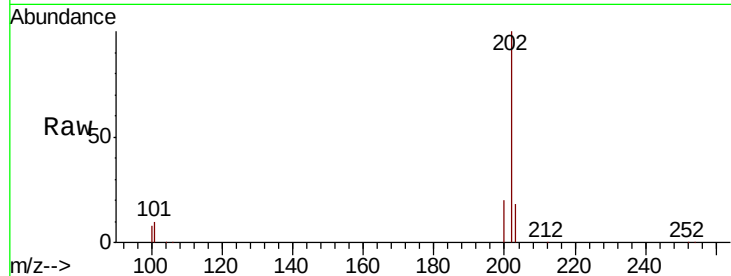
202 100

101 10.0 7.1 10.7

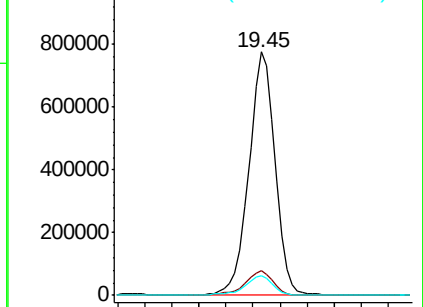
100 8.1 6.0 9.0

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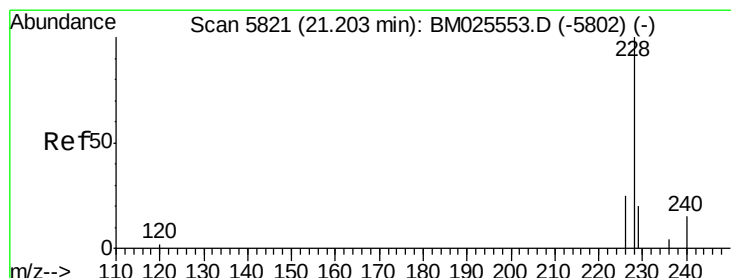
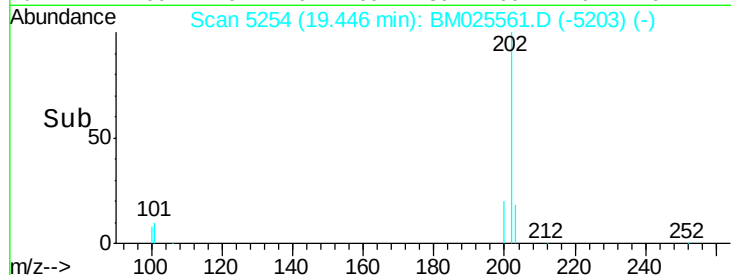
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->



#18

Benzo(a)anthracene

Concen: 9.930 ng/ul

RT: 21.20 min Scan# 5817

Delta R.T. -0.01 min

Lab File: BM025561.D

Acq: 14 Mar 2020 03:51

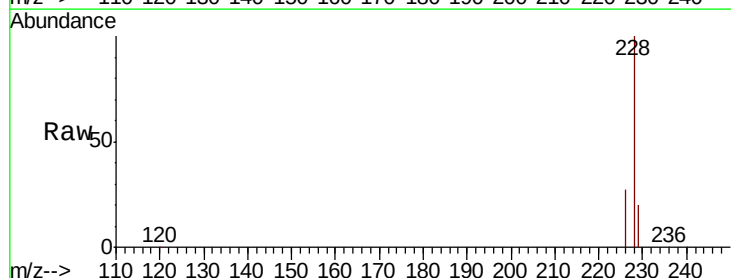
Tgt Ion:228 Resp: 582544

Ion Ratio Lower Upper

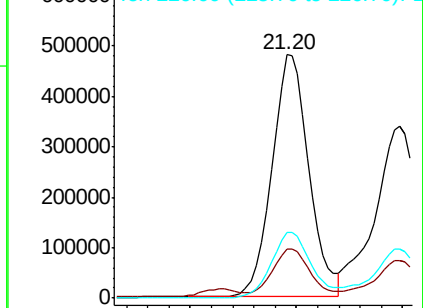
228 100

229 20.2 15.6 23.4

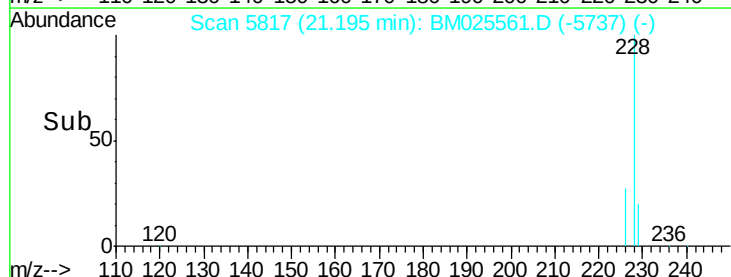
226 27.0 21.1 31.7

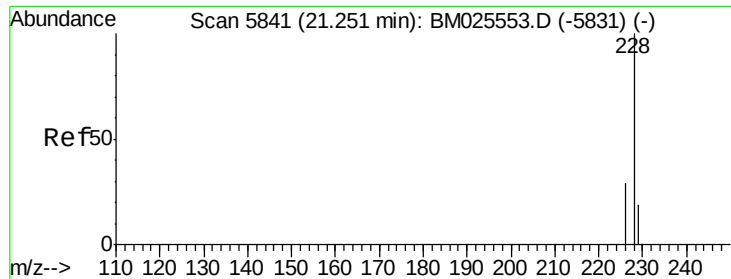


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



Time-->





#19

Chrysene

Concen: 7.246 ng/ul

RT: 21.25 min Scan# 5839

Delta R.T. -0.00 min

Lab File: BM025561.D

Acq: 14 Mar 2020 03:51

Instrument :

BNA_M

ClientSampleId :

C0AC2

Tot Ion:228 Resp: 477351

Ion Ratio Lower Upper

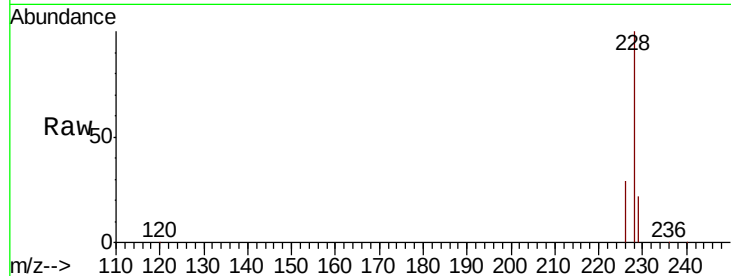
228 100

226 28.7 23.6 35.4

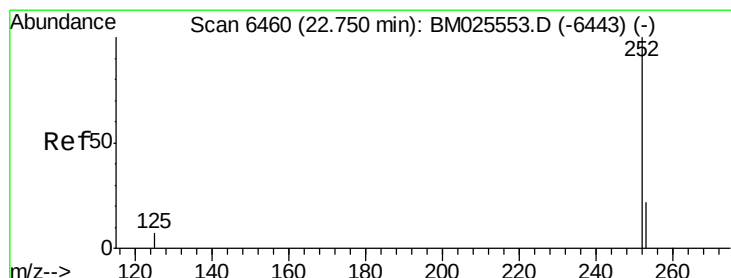
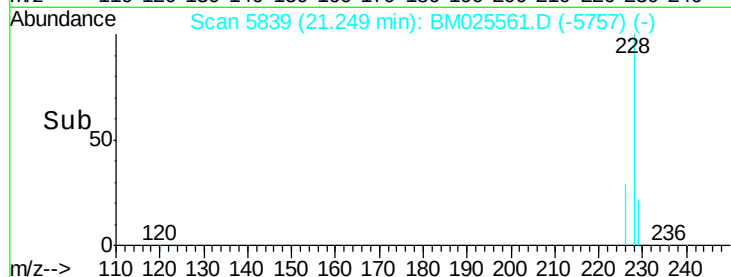
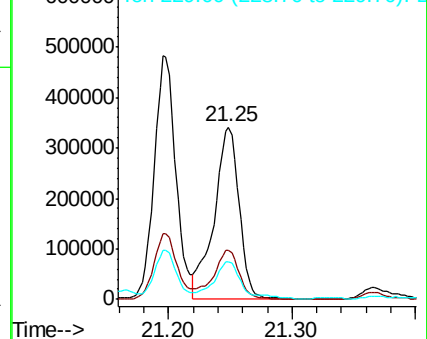
229 21.9 16.3 24.5

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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: 8.455 ng/ul m

RT: 22.75 min Scan# 6458

Delta R.T. -0.00 min

Lab File: BM025561.D

Acq: 14 Mar 2020 03:51

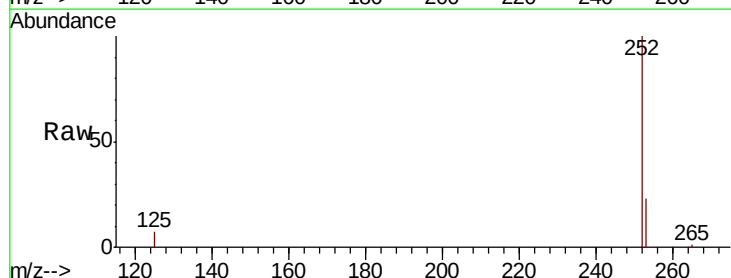
Tgt Ion:252 Resp: 603496

Ion Ratio Lower Upper

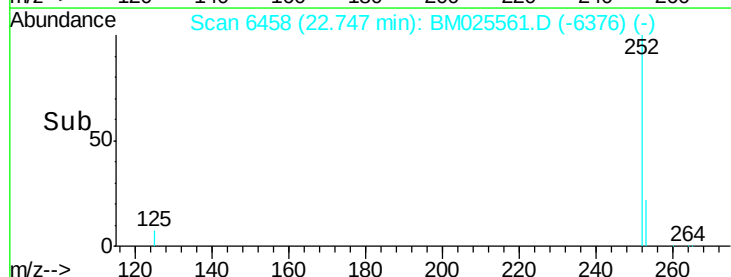
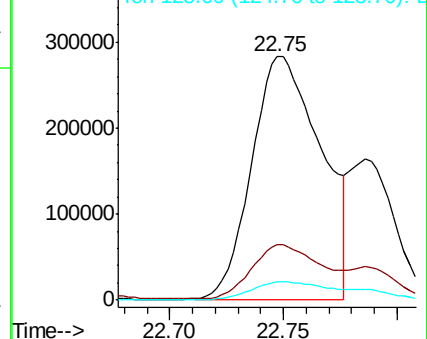
252 100

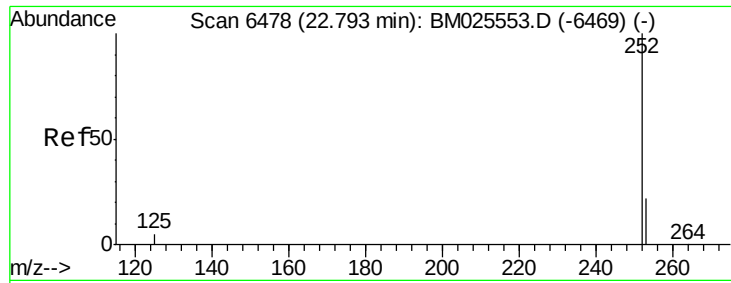
253 22.9 0.0 50.2

125 7.4 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





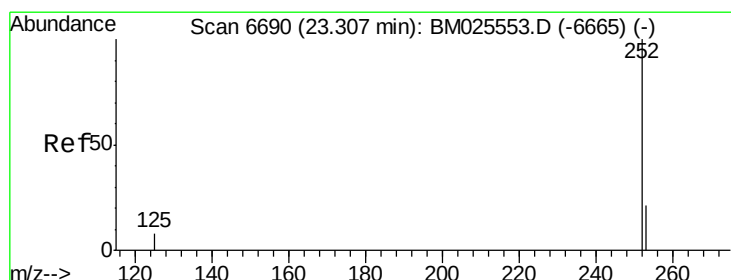
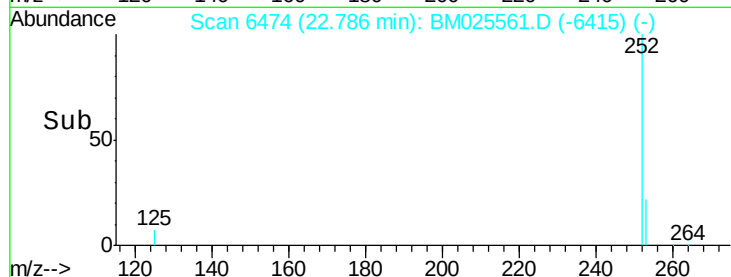
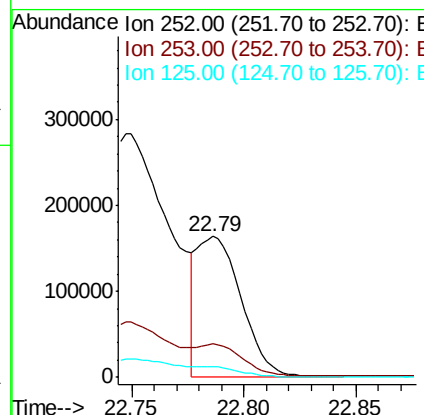
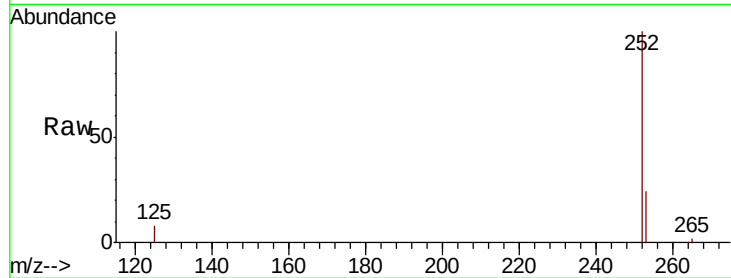
#22
Benzo(k)fluoranthene
Concen: 3.000 ng/ul m
RT: 22.79 min Scan# 6474
Delta R.T. -0.01 min
Lab File: BM025561.D
Acq: 14 Mar 2020 03:51

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tot Ion	Ratio	Resp	Lower	Upper
252	100	224331		
253	23.6	19.8	29.8	
125	7.6	7.1	10.7	

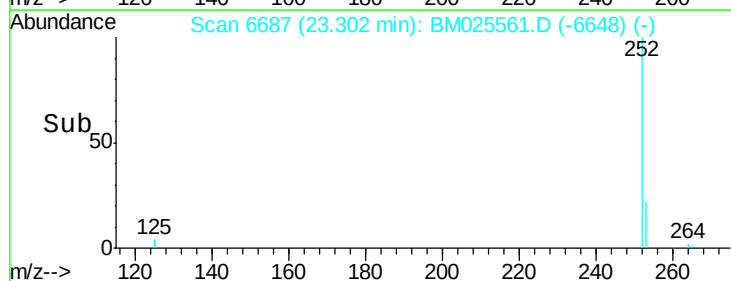
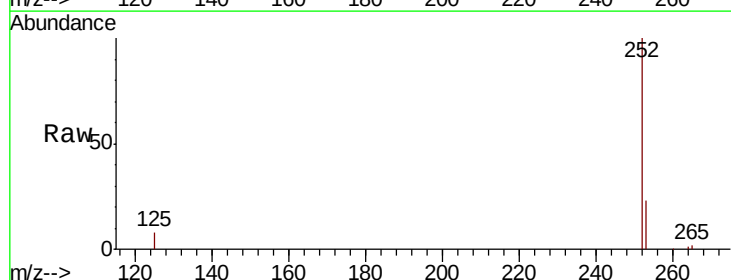
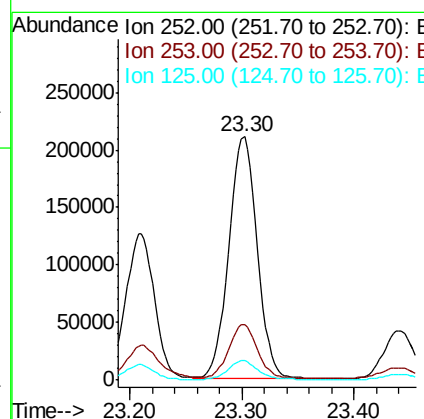
Manual Integrations
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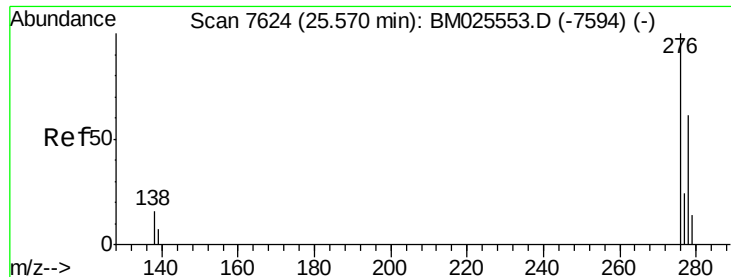
mohammad
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#23
Benzo(a)pyrene
Concen: 6.245 ng/ul
RT: 23.30 min Scan# 6687
Delta R.T. -0.00 min
Lab File: BM025561.D
Acq: 14 Mar 2020 03:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	370175		
253	22.6	21.3	31.9	
125	7.9	8.5	12.7#	





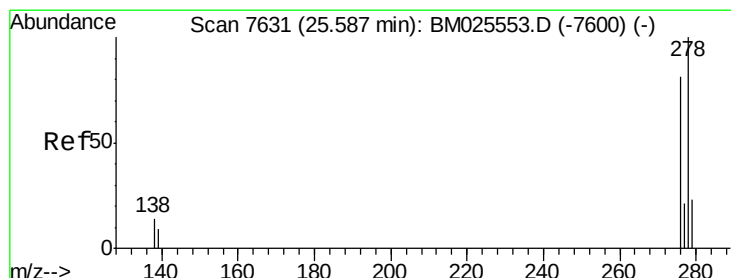
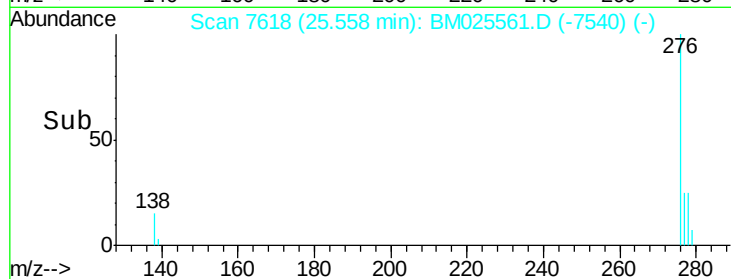
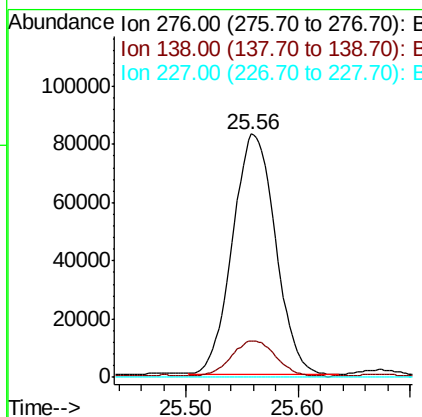
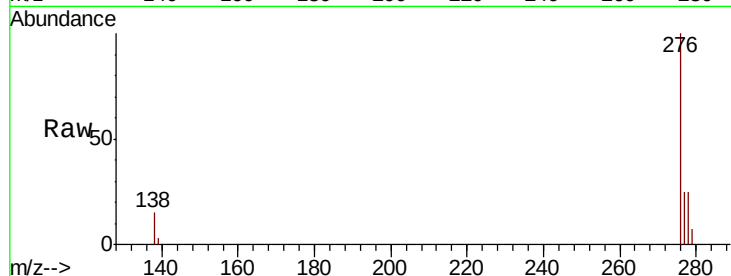
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.746 ng/ul
 RT: 25.56 min Scan# 7618
 Delta R.T. -0.01 min
 Lab File: BM025561.D
 Acq: 14 Mar 2020 03:51

Instrument :
 BNA_M
 ClientSampleId :
 C0AC2

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.5	12.3	18.5
227	0.0	0.0	0.0

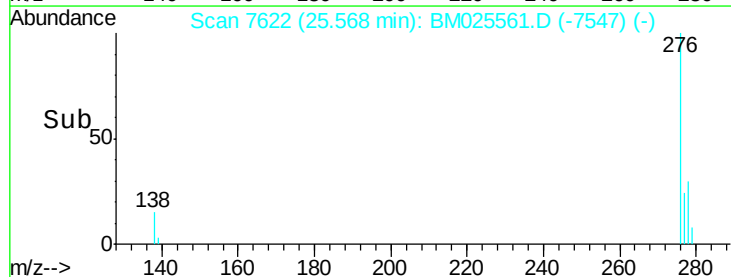
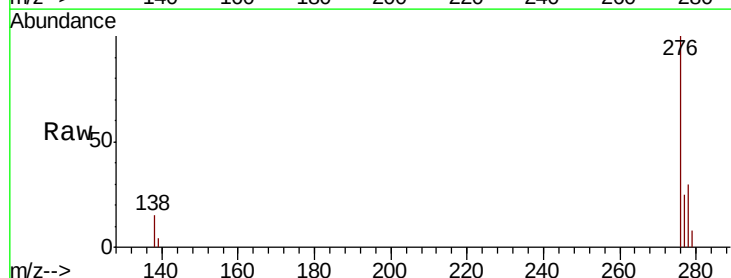
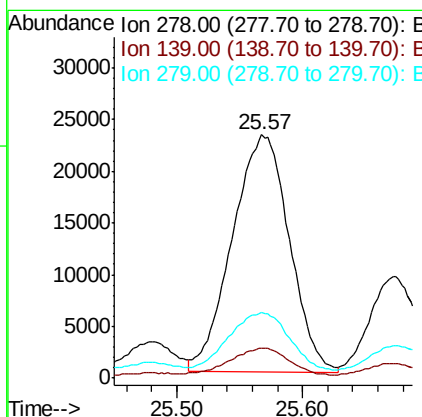
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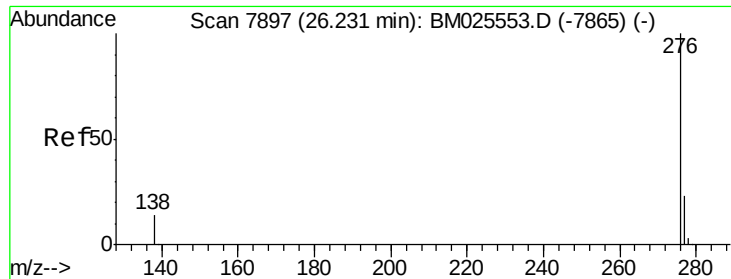
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#25
 Dibenzo(a,h)anthracene
 Concen: 1.071 ng/ul
 RT: 25.57 min Scan# 7622
 Delta R.T. -0.02 min
 Lab File: BM025561.D
 Acq: 14 Mar 2020 03:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.1	9.0	13.6
279	27.2	21.1	31.7





#26
 Benzo(a,h,i)perylene
 Concen: 1.972 ng/ul
 RT: 26.22 min Scan# 7890
 Delta R.T. -0.01 min
 Lab File: BM025561.D
 Acq: 14 Mar 2020 03:51

Instrument :
 BNA_M
 ClientSampleId :
 C0AC2

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.2	11.0	16.4
277	24.3	19.8	29.6

Manual Integrations
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