

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
 Data File : BM025634.D
 Acq On : 18 Mar 2020 18:10
 Operator : CG/JU
 Sample : L1786-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC8

Manual Integrations
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Quant Time: Mar 18 18:43:20 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	7.58	152	1829	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	7593	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	4841	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	11138	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	11908	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	12451	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2810	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	7717	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	5367	0.239	ng/ul	99
5) 2-Methylnaphthalene	12.02	142	2108	0.131	ng/ul	100
7) Acenaphthylene	13.94	152	11964	0.605	ng/ul#	86
8) Acenaphthene	14.28	153	5349	0.308	ng/ul	100
9) Fluorene	15.27	166	17326	0.820	ng/ul	100
12) Phenanthrene	17.00	178	206811	5.859	ng/ul	99
13) Anthracene	17.09	178	124856	4.065	ng/ul	99
15) Fluoranthene	19.03	202	492552	12.873	ng/ul	98
17) Pyrene	19.39	202	364310	6.816	ng/ul	98
18) Benzo(a)anthracene	21.14	228	223355	5.246	ng/ul	99
19) Chrysene	21.19	228	222289	4.649	ng/ul	97
21) Benzo(b)fluoranthene	22.67	252	229629m	4.657	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	104952m	2.032	ng/ul	
23) Benzo(a)pyrene	23.21	252	141930	3.467	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.43	276	87338	1.572	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.44	278	27985	0.599	ng/ul	97
26) Benzo(a,h,i)perylene	26.08	276	55215	1.146	ng/ul	98

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

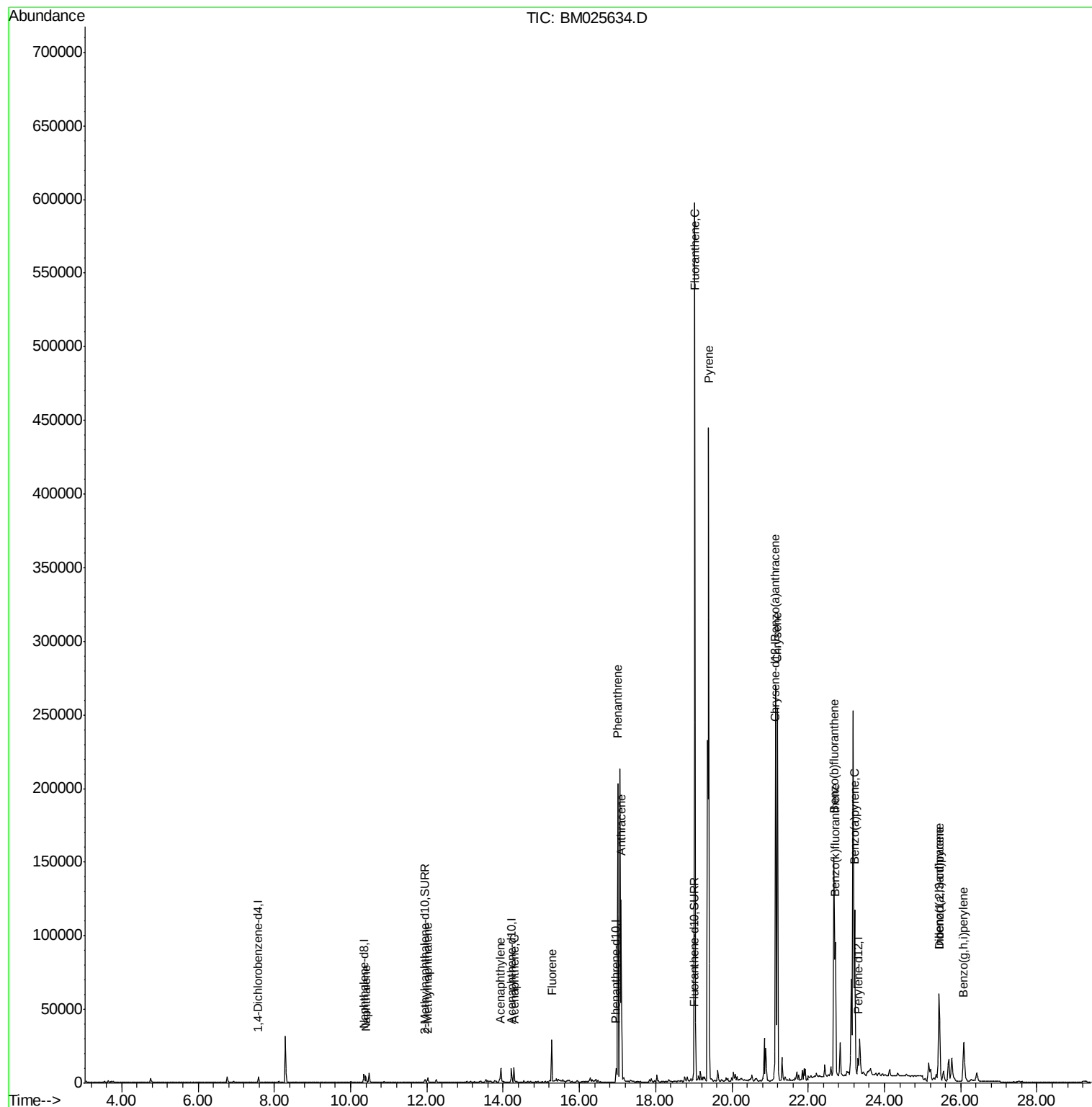
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
Data File : BM025634.D
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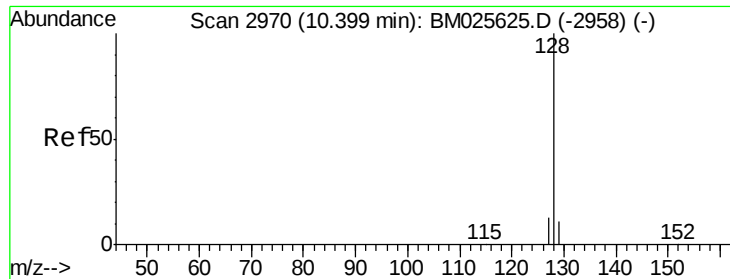
Instrument :
BNA_M
ClientSampleId :
C0AC8

Quant Time: Mar 18 18:43:20 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

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#3

Naphthalene

Concen: 0.239 ng/ul

RT: 10.40 min Scan# 2970

Delta R.T. -0.00 min

Lab File: BM025634.D

Acq: 18 Mar 2020 18:10

Instrument :

BNA_M

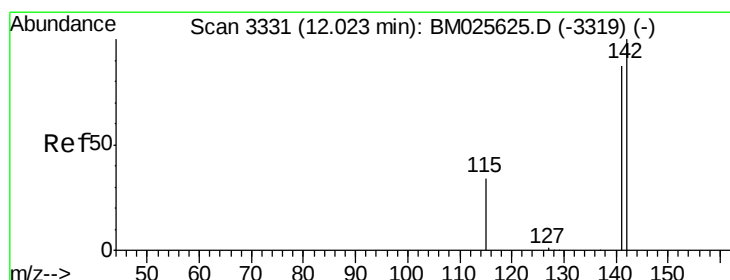
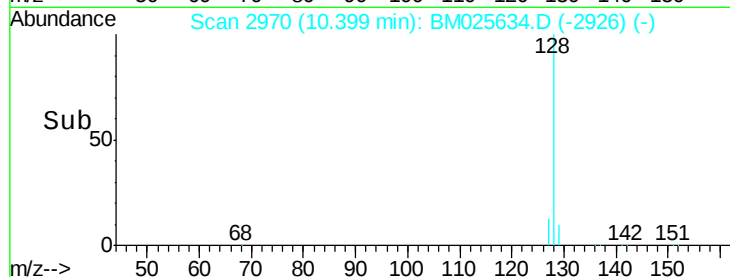
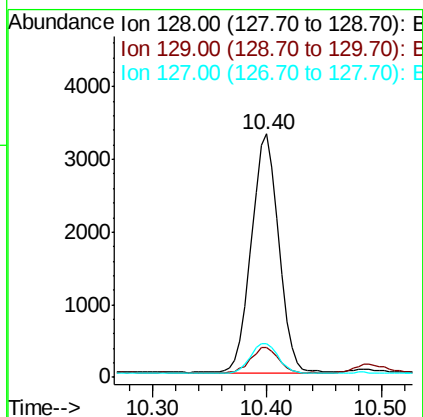
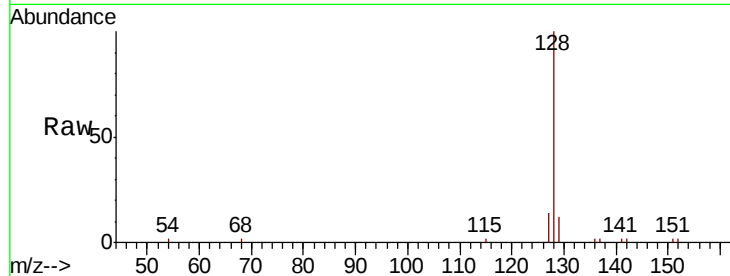
ClientSampleId :

C0AC8

Tot Ion:	128	Resp:	5367
Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.0
127	14.0	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 0.131 ng/ul

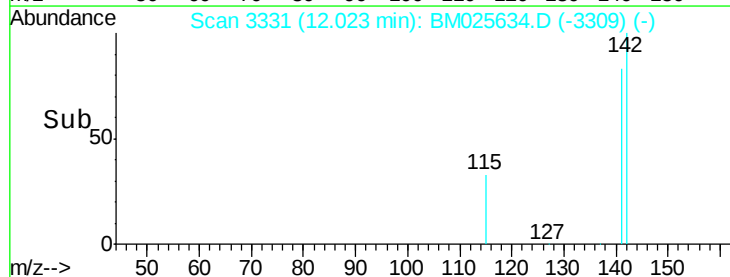
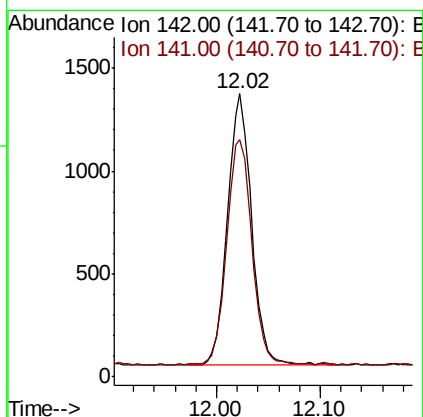
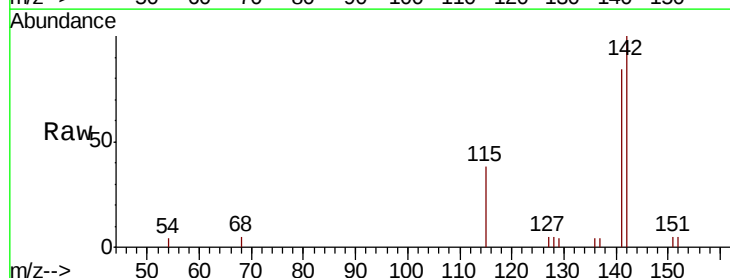
RT: 12.02 min Scan# 3331

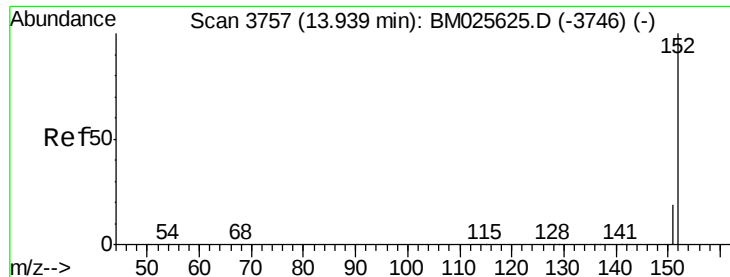
Delta R.T. -0.00 min

Lab File: BM025634.D

Acq: 18 Mar 2020 18:10

Tgt Ion:	142	Resp:	2108
Ion	Ratio	Lower	Upper
142	100		
141	87.6	69.8	104.6





#7

Acenaphthylene

Concen: 0.605 ng/ul

RT: 13.94 min Scan# 3757

Delta R.T. -0.00 min

Lab File: BM025634.D

Acq: 18 Mar 2020 18:10

Instrument :

BNA_M

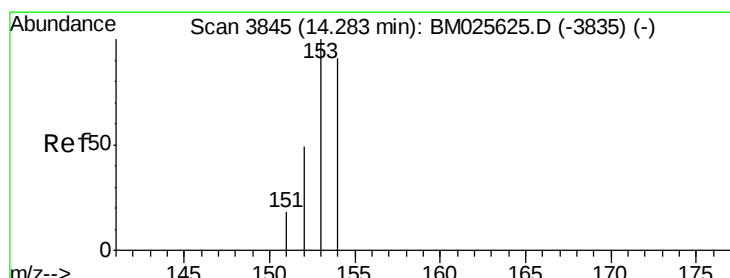
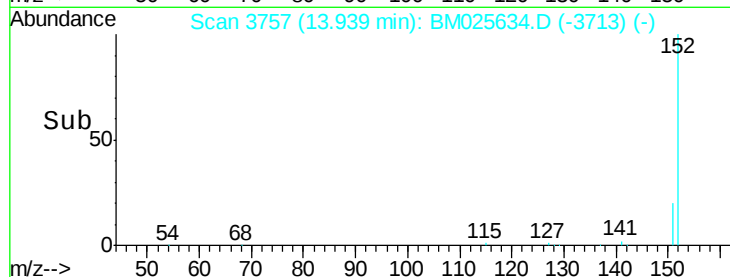
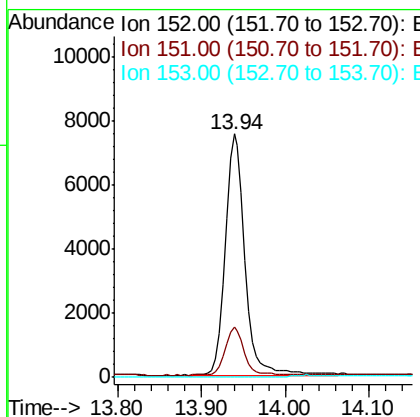
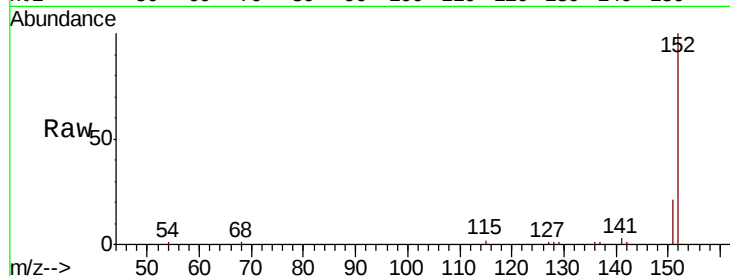
ClientSampleId :

C0AC8

Tot Ion:	152	Resp:	11964
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.2	24.2
153	0.0	10.6	16.0#

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#8

Acenaphthene

Concen: 0.308 ng/ul

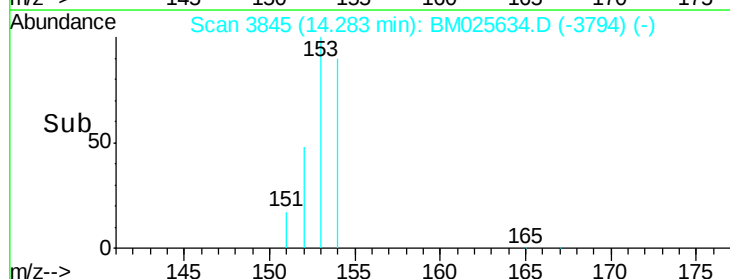
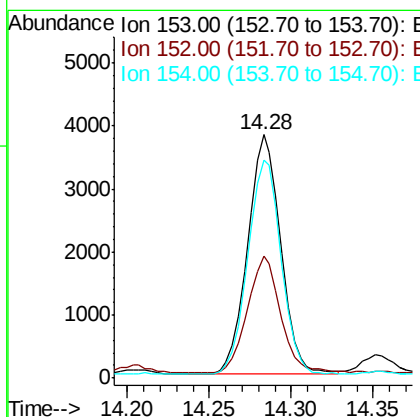
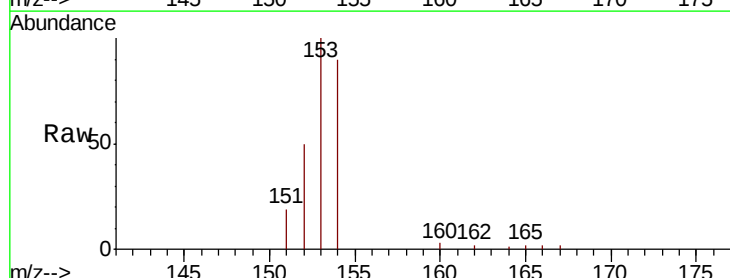
RT: 14.28 min Scan# 3845

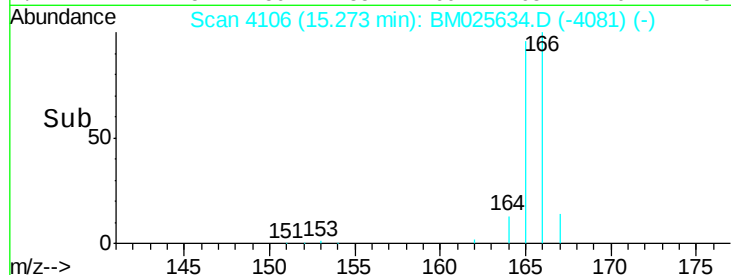
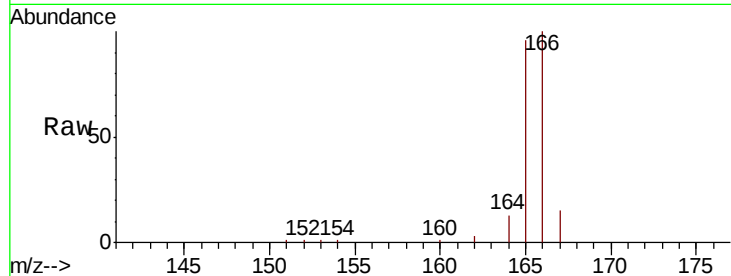
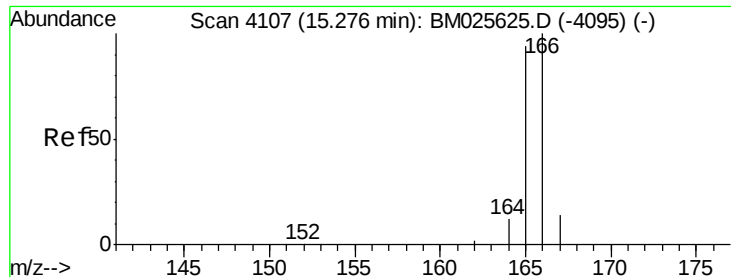
Delta R.T. -0.01 min

Lab File: BM025634.D

Acq: 18 Mar 2020 18:10

Tgt Ion:	153	Resp:	5349
Ion Ratio	Lower	Upper	
153	100		
152	50.2	39.5	59.3
154	89.6	71.7	107.5





#9

Fluorene

Concen: 0.820 ng/ul

RT: 15.27 min Scan# 4106

Delta R.T. -0.01 min

Lab File: BM025634.D

Acq: 18 Mar 2020 18:10

Tot Ion:	166	Resp:	17326
Ion Ratio	Lower	Upper	
166	100		
165	96.3	76.8	115.2
167	14.8	11.2	16.8

Instrument :

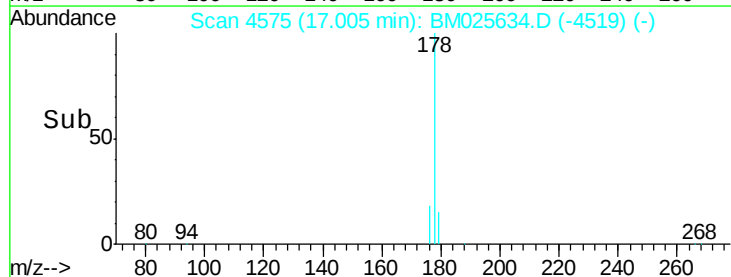
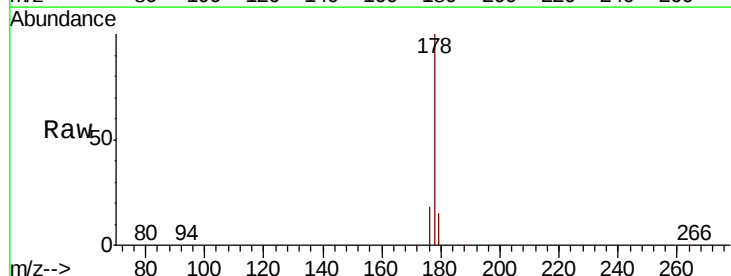
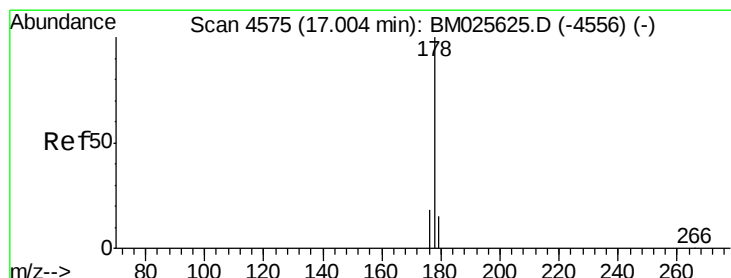
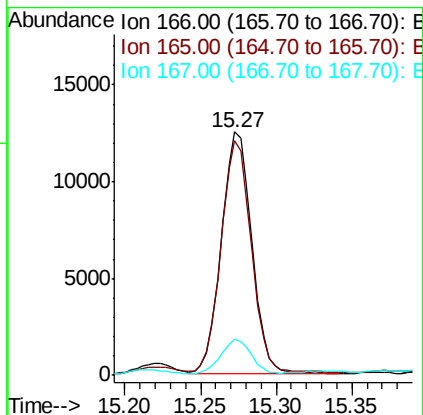
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#12

Phenanthrene

Concen: 5.859 ng/ul

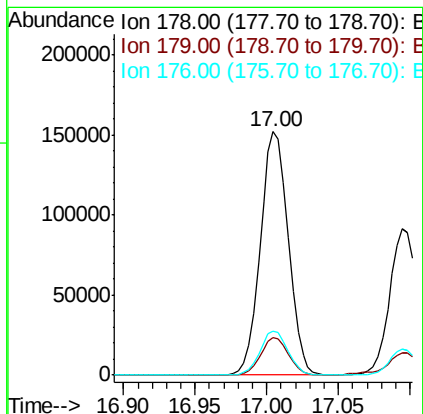
RT: 17.00 min Scan# 4575

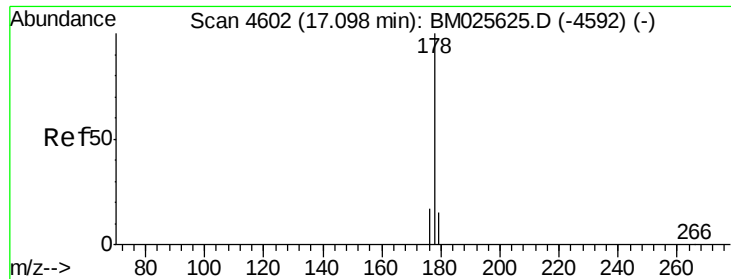
Delta R.T. -0.01 min

Lab File: BM025634.D

Acq: 18 Mar 2020 18:10

Tgt Ion:	178	Resp:	206811
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.4	18.6
176	18.2	14.8	22.2





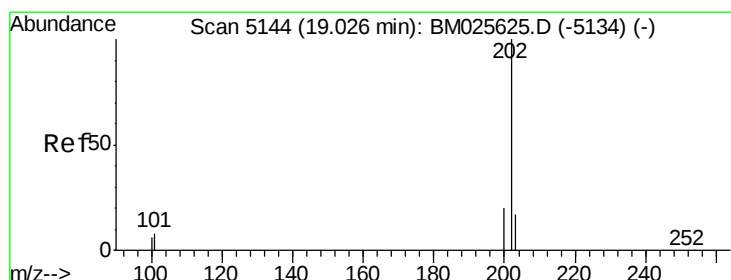
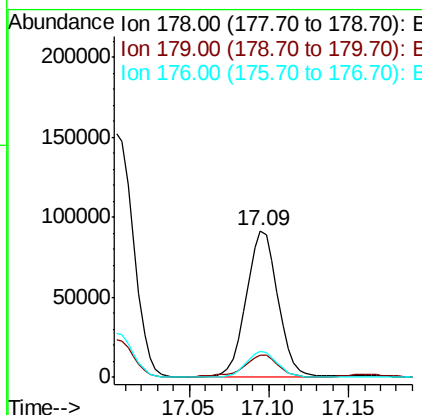
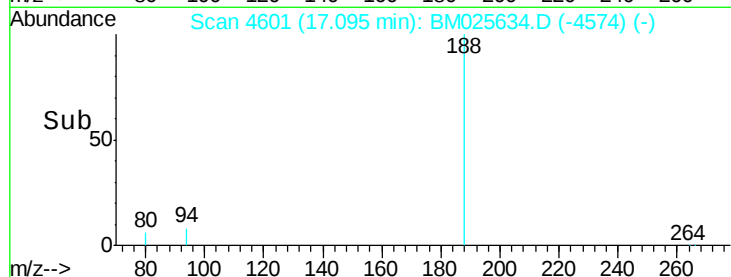
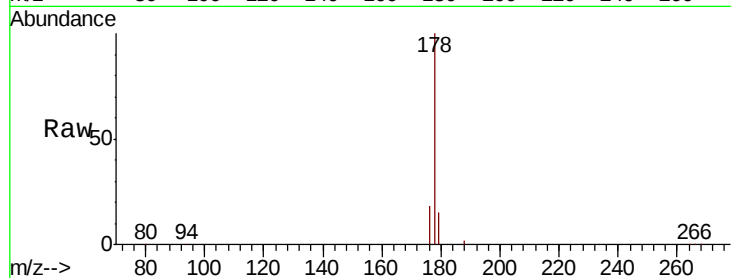
#13
 Anthracene
 Concen: 4.065 ng/ul
 RT: 17.09 min Scan# 4601
 Delta R.T. -0.01 min
 Lab File: BM025634.D
 Acq: 18 Mar 2020 18:10

Instrument :
 BNA_M
 ClientSampleId :
 C0AC8

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	18.8
176	17.7	14.5	21.7

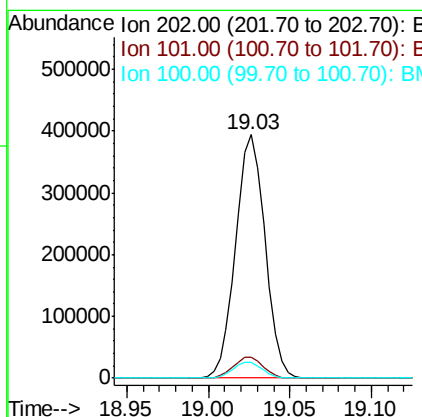
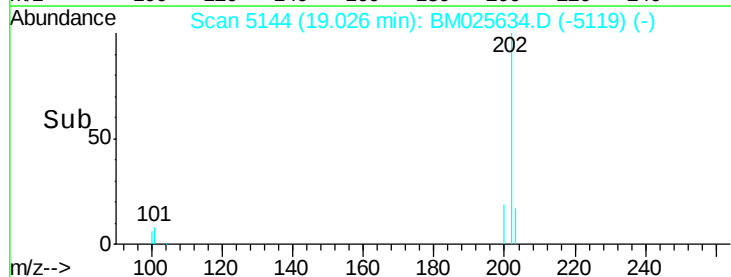
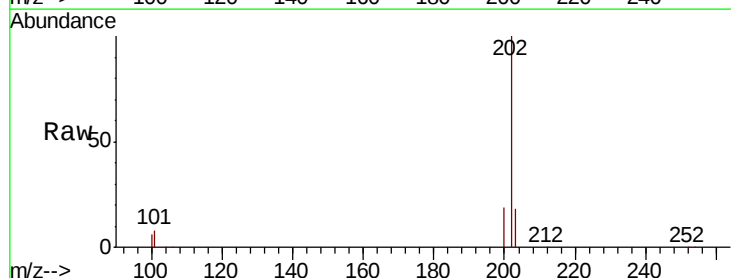
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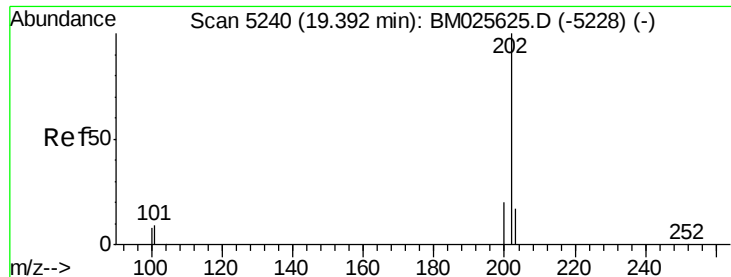
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#15
 Fluoranthene
 Concen: 12.873 ng/ul
 RT: 19.03 min Scan# 5144
 Delta R.T. -0.01 min
 Lab File: BM025634.D
 Acq: 18 Mar 2020 18:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	27.5
100	6.3	0.0	26.0





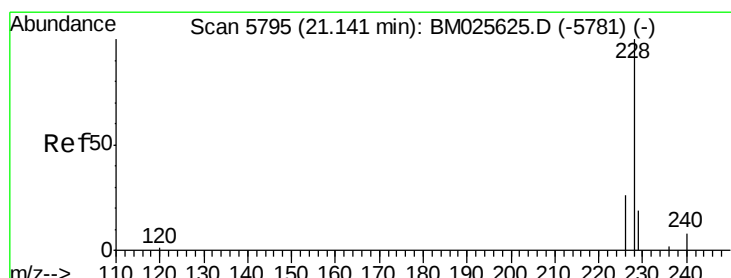
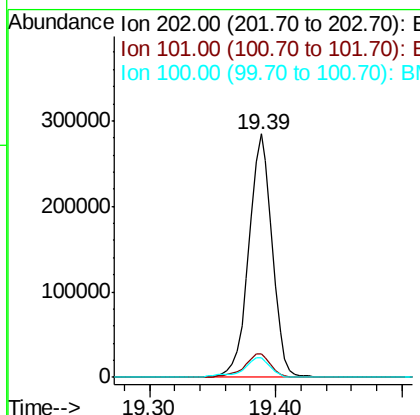
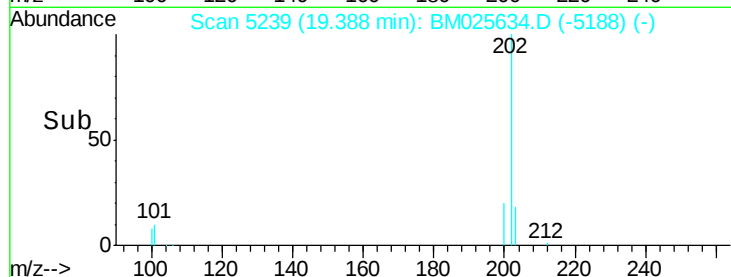
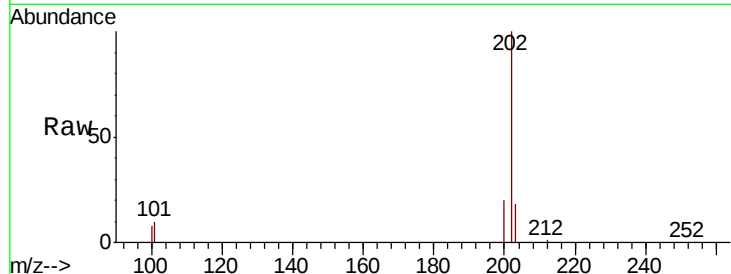
#17
Pvrene
Concen: 6.816 ng/ul
RT: 19.39 min Scan# 5239
Delta R.T. -0.01 min
Lab File: BM025634.D
Acq: 18 Mar 2020 18:10

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.8	7.1	10.7
100	8.0	6.0	9.0

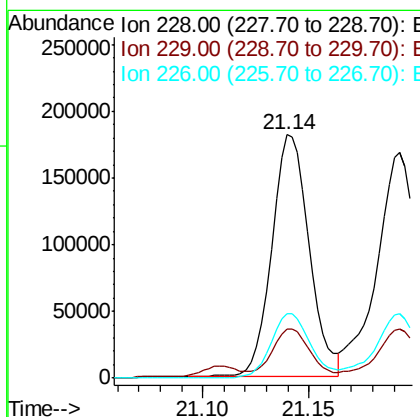
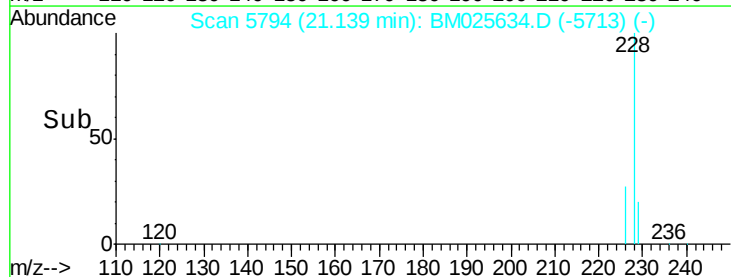
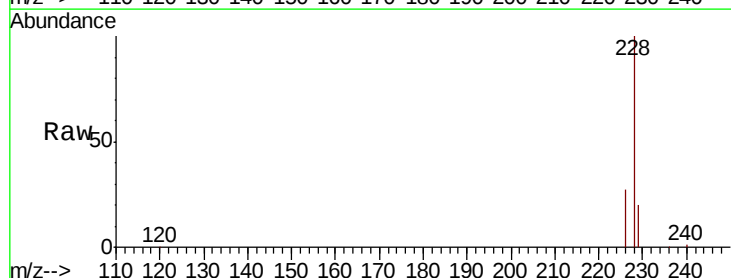
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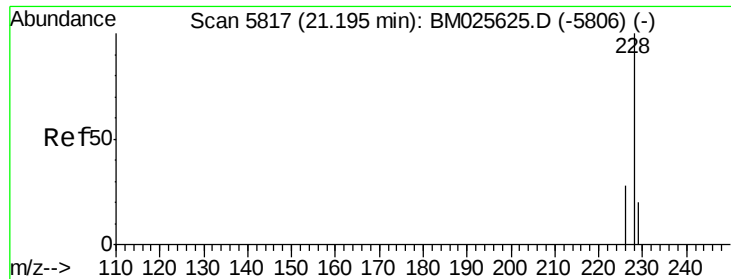
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#18
Benzo(a)anthracene
Concen: 5.246 ng/ul
RT: 21.14 min Scan# 5794
Delta R.T. -0.01 min
Lab File: BM025634.D
Acq: 18 Mar 2020 18:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.1	15.6	23.4
226	26.7	21.1	31.7





#19

Chrysene

Concen: 4.649 ng/ul

RT: 21.19 min Scan# 5816

Delta R.T. -0.01 min

Lab File: BM025634.D

Acq: 18 Mar 2020 18:10

Instrument :

BNA_M

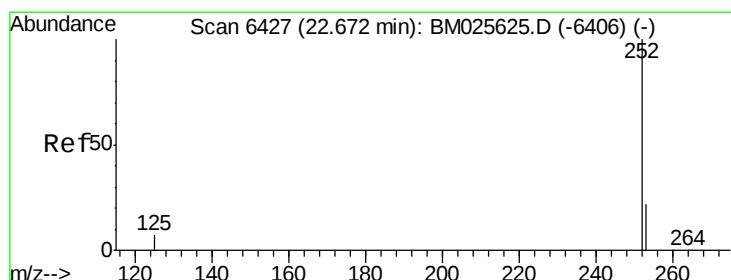
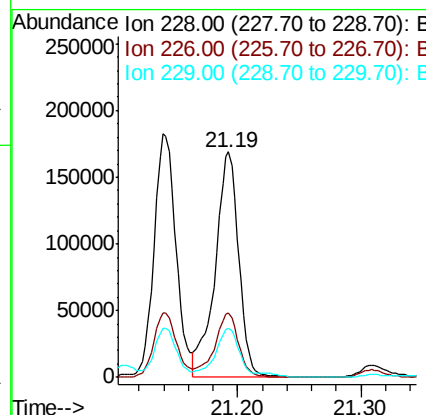
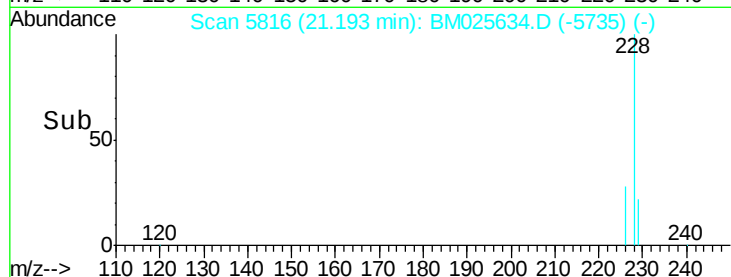
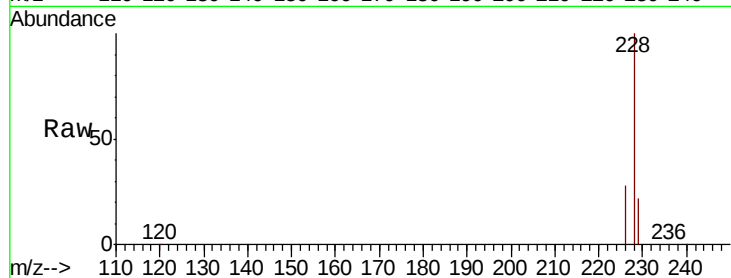
ClientSampleId :

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Tot Ion:	228	Resp:	222289
Ion Ratio	Lower	Upper	
228	100		
226	28.4	23.6	35.4
229	22.0	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 4.657 ng/ul m

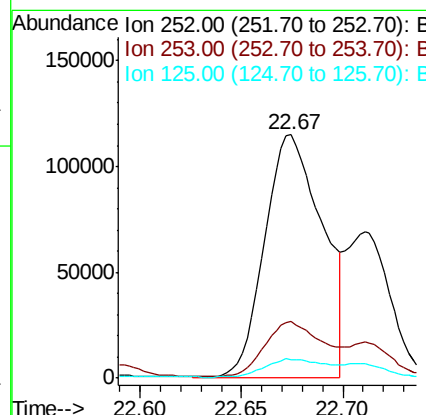
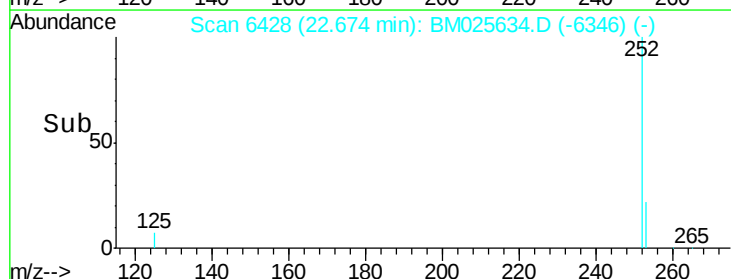
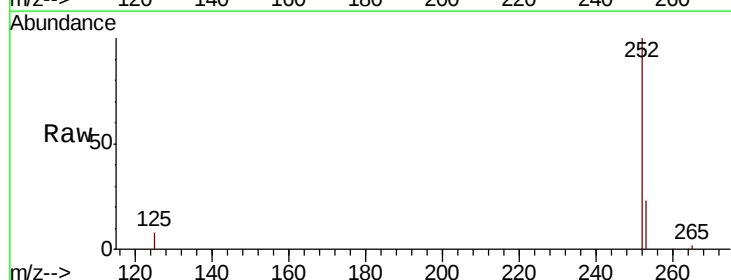
RT: 22.67 min Scan# 6428

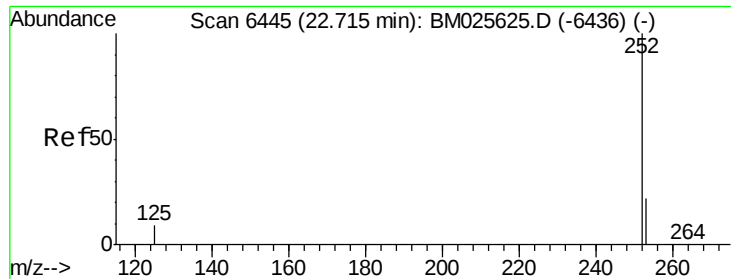
Delta R.T. -0.00 min

Lab File: BM025634.D

Acq: 18 Mar 2020 18:10

Tgt Ion:	252	Resp:	229629
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	50.2
125	7.7	0.0	17.6





#22

Benzo(k)fluoranthene

Concen: 2.032 ng/ul

RT: 22.71 min Scan# 6443

Delta R.T. -0.01 min

Lab File: BM025634.D

Acq: 18 Mar 2020 18:10

Instrument :

BNA_M

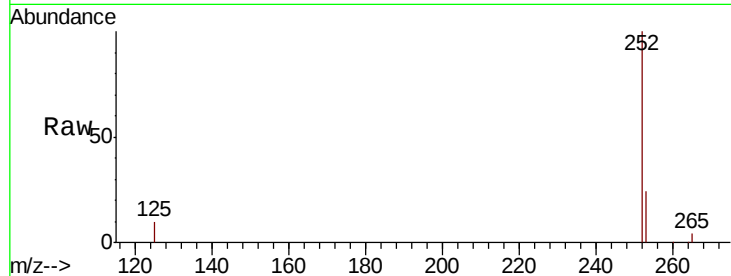
ClientSampleId :

C0AC8

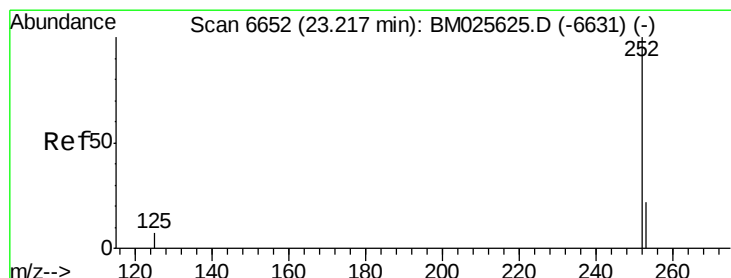
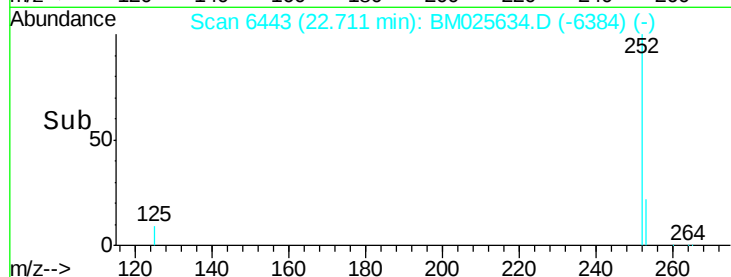
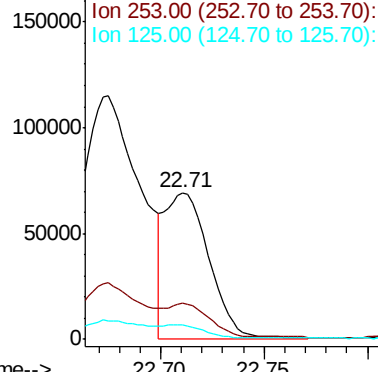
Tot Ion:	252	Resp:	104952
Ion Ratio	Lower	Upper	
252	100		
253	24.3	19.8	29.8
125	9.6	7.1	10.7

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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



#23

Benzo(a)pyrene

Concen: 3.467 ng/ul

RT: 23.21 min Scan# 6651

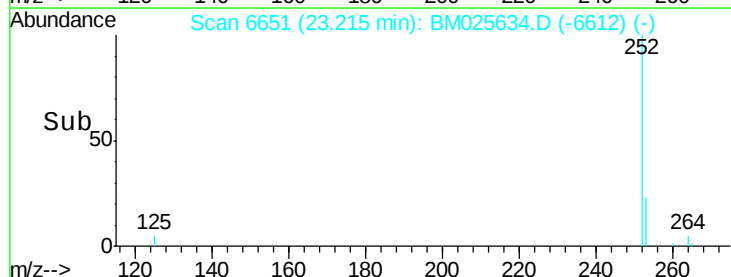
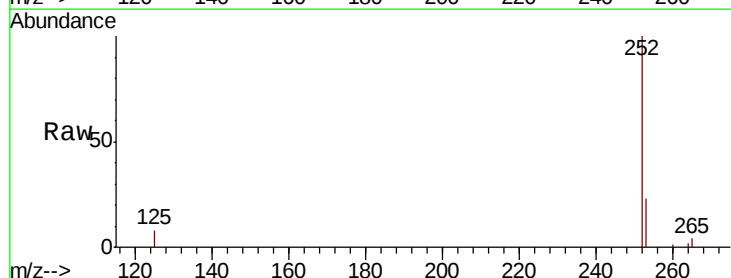
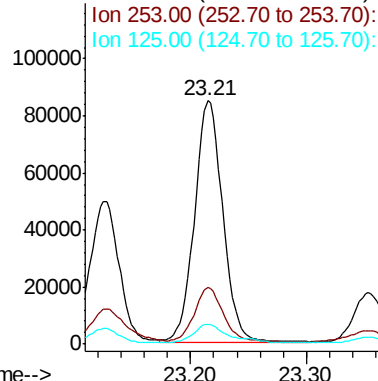
Delta R.T. -0.01 min

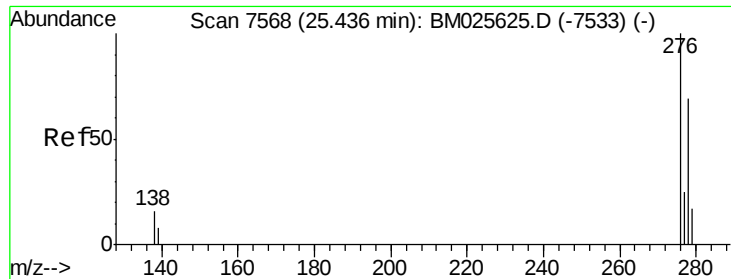
Lab File: BM025634.D

Acq: 18 Mar 2020 18:10

Tgt Ion:	252	Resp:	141930
Ion Ratio	Lower	Upper	
252	100		
253	23.2	21.3	31.9
125	8.2	8.5	12.7#

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





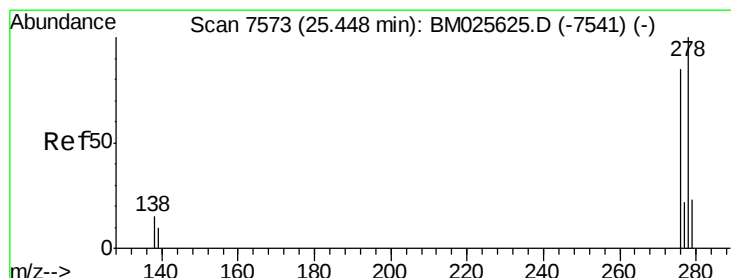
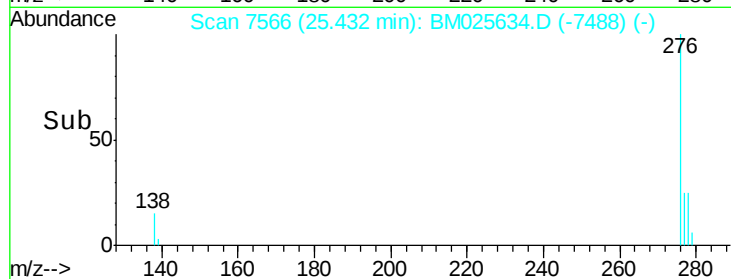
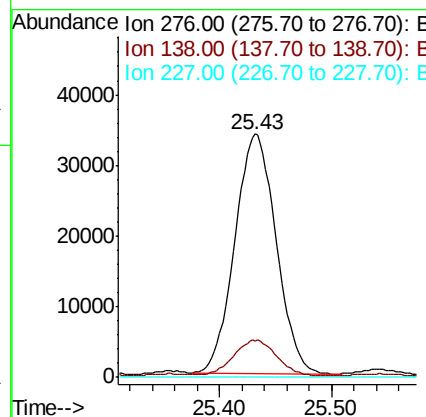
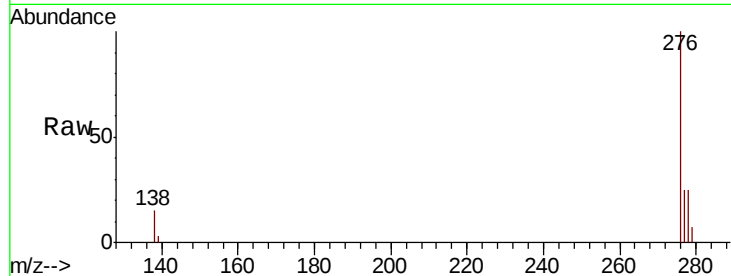
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.572 ng/ul
 RT: 25.43 min Scan# 7566
 Delta R.T. -0.01 min
 Lab File: BM025634.D
 Acq: 18 Mar 2020 18:10

Instrument :
 BNA_M
 ClientSampleId :
 C0AC8

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.6	12.3	18.5
227	0.0	0.0	0.0

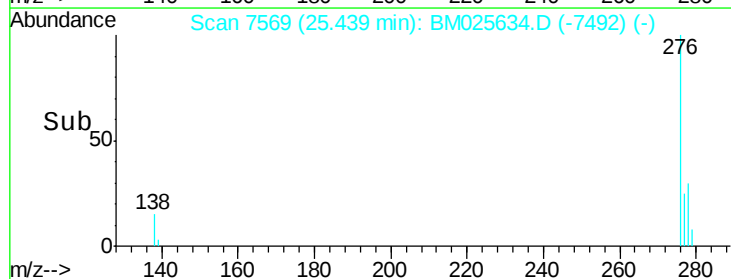
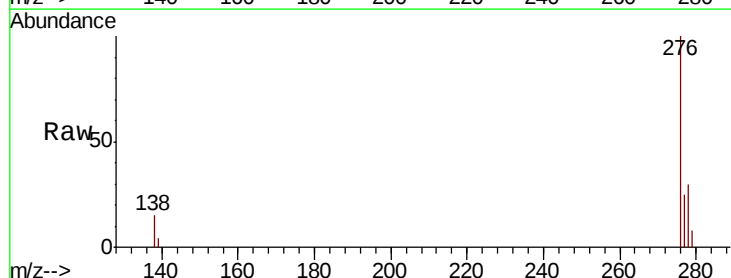
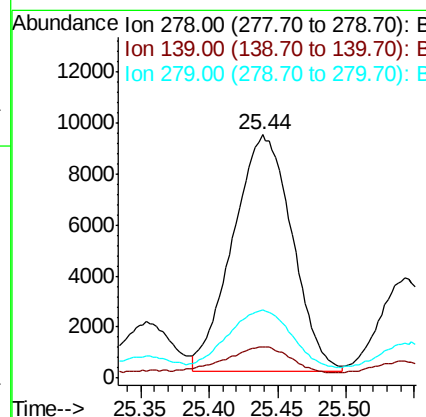
Manual Integrations
 APPROVED

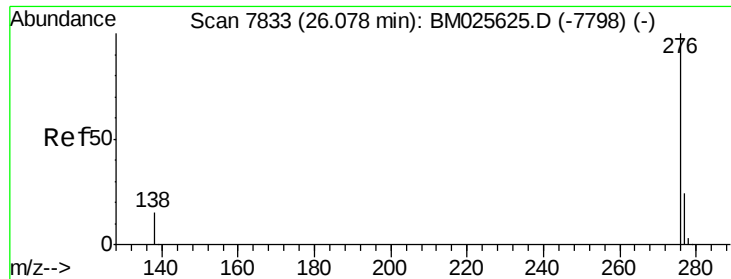
mohammad
 3/19/2020 12:35:47 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.599 ng/ul
 RT: 25.44 min Scan# 7569
 Delta R.T. -0.01 min
 Lab File: BM025634.D
 Acq: 18 Mar 2020 18:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.6	9.0	13.6
279	28.0	21.1	31.7





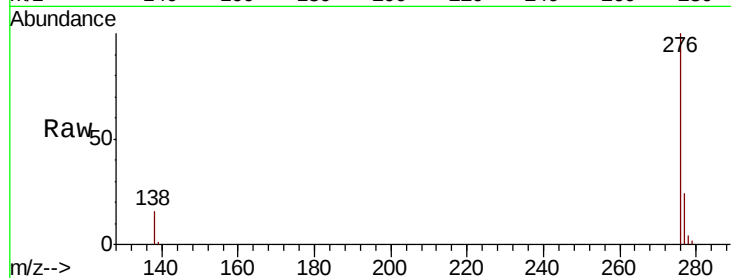
#26
 Benzo(a,h,i)perylene
 Concen: 1.146 ng/ul
 RT: 26.08 min Scan# 7833
 Delta R.T. -0.01 min
 Lab File: BM025634.D
 Acq: 18 Mar 2020 18:10

Instrument :
 BNA_M
 ClientSampleId :
 C0AC8

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.5	11.0	16.4
277	24.2	19.8	29.6

Manual Integrations
 APPROVED

mohammad
 3/19/2020 12:35:47 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

