

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
 Data File : BM025628.D
 Acq On : 18 Mar 2020 14:33
 Operator : CG/JU
 Sample : L1786-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC2

Manual Integrations
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 3/19/2020 12:35:26 PM

Quant Time: Mar 18 15:06:29 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	2202	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8784	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5883	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	13739	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	15267	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	16874	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	3844	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	11637	0.31	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.40	128	28462	1.095	ng/ul	98
5) 2-Methylnaphthalene	12.02	142	14931	0.803	ng/ul	99
7) Acenaphthylene	13.94	152	47805	1.989	ng/ul#	86
8) Acenaphthene	14.28	153	33814	1.604	ng/ul	98
9) Fluorene	15.27	166	76625	2.983	ng/ul	100
12) Phenanthrene	17.01	178	479993	11.024	ng/ul	100
13) Anthracene	17.10	178	262375	6.925	ng/ul	99
15) Fluoranthene	19.03	202	1097435	23.251	ng/ul	99
17) Pyrene	19.39	202	803544	11.726	ng/ul	99
18) Benzo(a)anthracene	21.14	228	522781	9.578	ng/ul	98
19) Chrysene	21.19	228	437777	7.142	ng/ul	98
21) Benzo(b)fluoranthene	22.67	252	562670m	8.421	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	230801m	3.297	ng/ul	
23) Benzo(a)pyrene	23.22	252	359583m	6.481	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.43	276	207320	2.754	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.44	278	67874	1.072	ng/ul	98
26) Benzo(a,h,i)perylene	26.08	276	127460	1.952	ng/ul	98

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

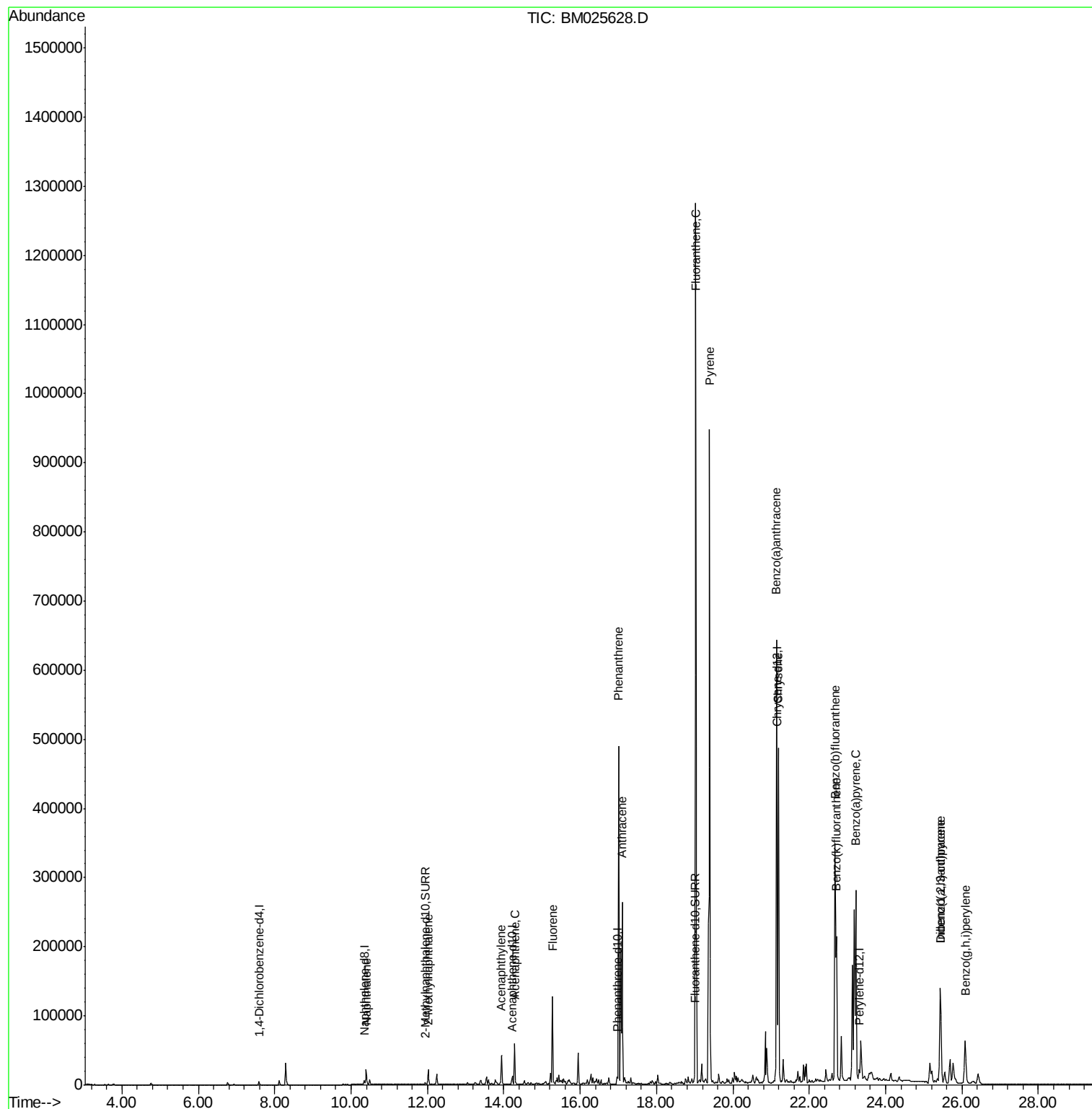
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
Data File : BM025628.D
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Sample : L1786-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

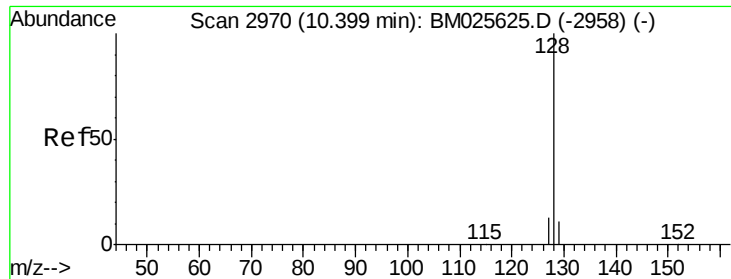
Instrument :
BNA_M
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Quant Time: Mar 18 15:06:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 05:07:34 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.095 ng/ul

RT: 10.40 min Scan# 2970

Delta R.T. -0.00 min

Lab File: BM025628.D

Acq: 18 Mar 2020 14:33

Instrument :

BNA_M

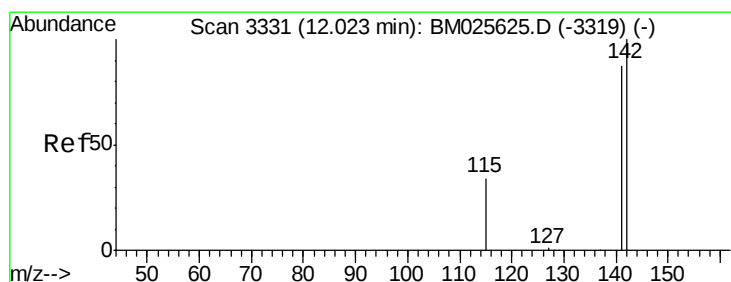
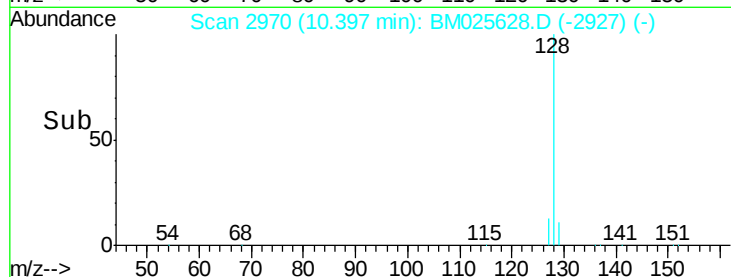
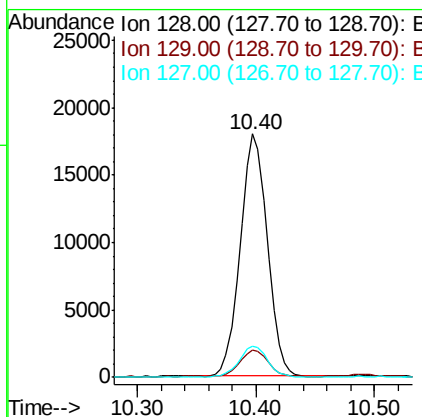
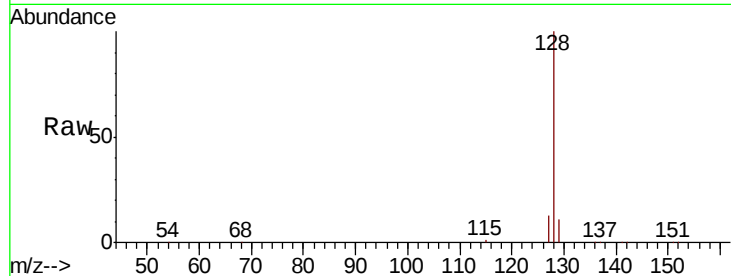
ClientSampleId :

C0AC2

Tot Ion:128	Resp:	28462
Ion Ratio	Lower	Upper
128	100	
129	11.1	9.4 14.0
127	12.8	10.9 16.3

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#5

2-Methylnaphthalene

Concen: 0.803 ng/ul

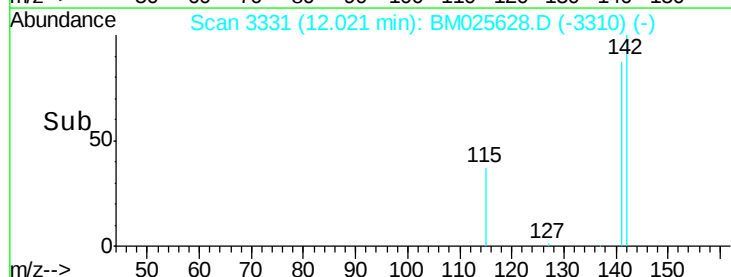
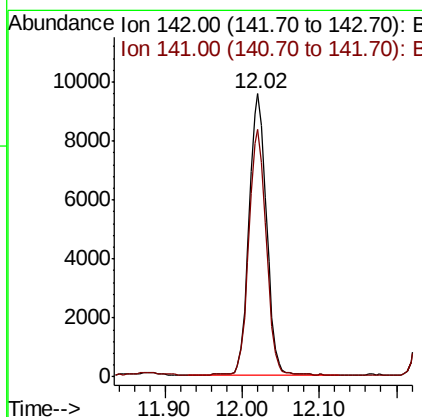
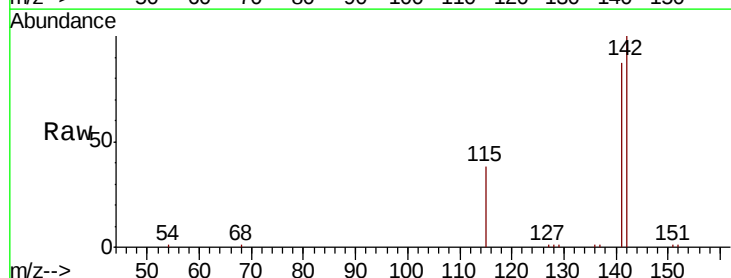
RT: 12.02 min Scan# 3331

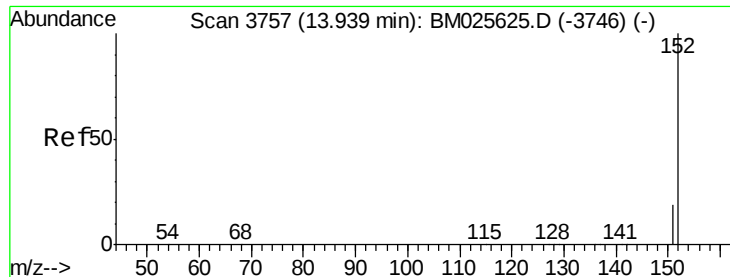
Delta R.T. -0.00 min

Lab File: BM025628.D

Acq: 18 Mar 2020 14:33

Tgt Ion:142	Resp:	14931
Ion Ratio	Lower	Upper
142	100	
141	87.8	69.8 104.6





#7

Acenaphthylene

Concen: 1.989 ng/ul

RT: 13.94 min Scan# 3757

Delta R.T. -0.00 min

Lab File: BM025628.D

Acq: 18 Mar 2020 14:33

Instrument :

BNA_M

ClientSampleId :

C0AC2

Tot Ion:152 Resp: 47805

Ion Ratio Lower Upper

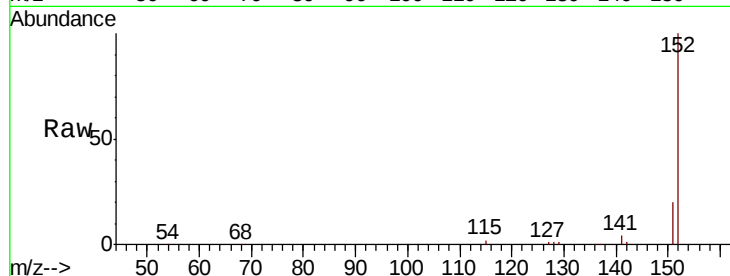
152 100

151 19.8 16.2 24.2

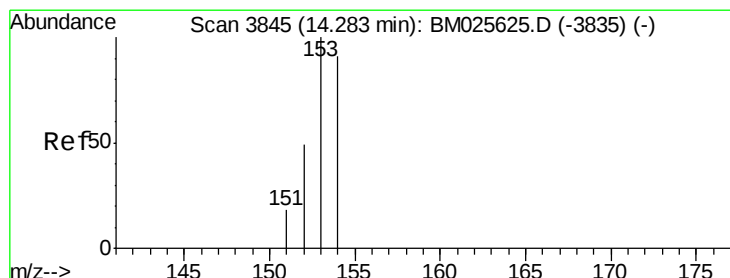
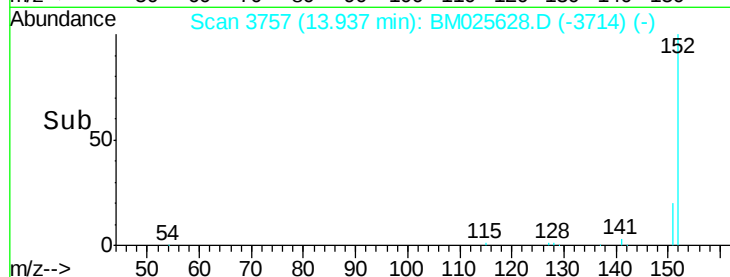
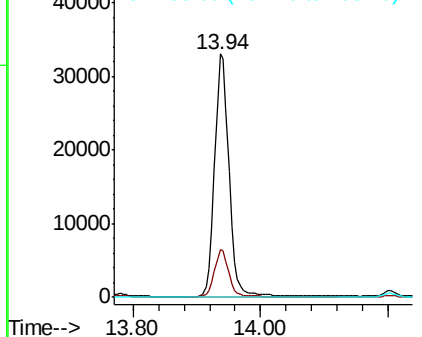
153 0.0 10.6 16.0#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 1.604 ng/ul

RT: 14.28 min Scan# 3846

Delta R.T. -0.00 min

Lab File: BM025628.D

Acq: 18 Mar 2020 14:33

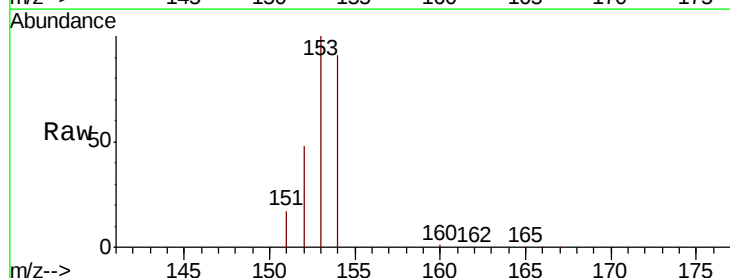
Tgt Ion:153 Resp: 33814

Ion Ratio Lower Upper

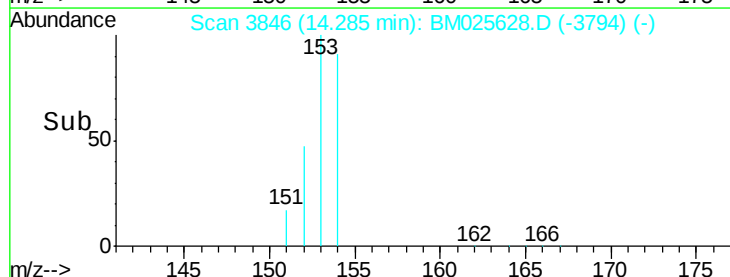
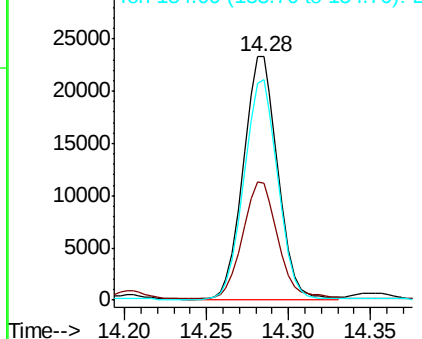
153 100

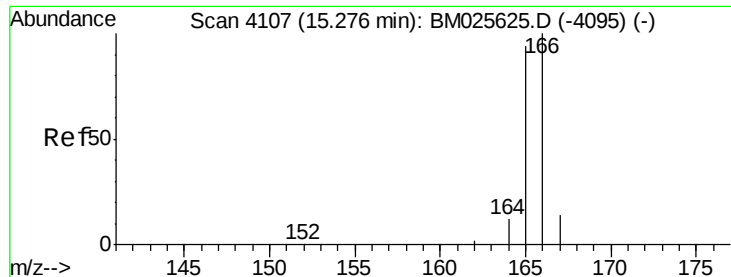
152 47.8 39.5 59.3

154 90.8 71.7 107.5



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 2.983 ng/ul

RT: 15.27 min Scan# 4107

Delta R.T. -0.00 min

Lab File: BM025628.D

Acq: 18 Mar 2020 14:33

Instrument :

BNA_M

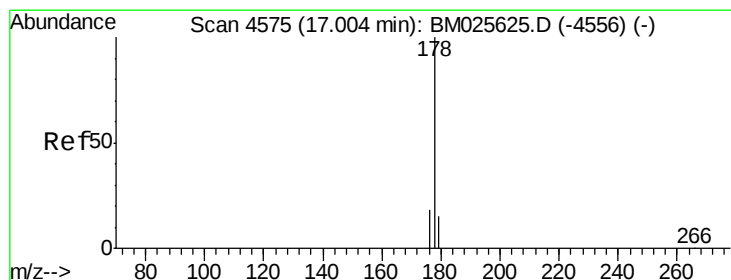
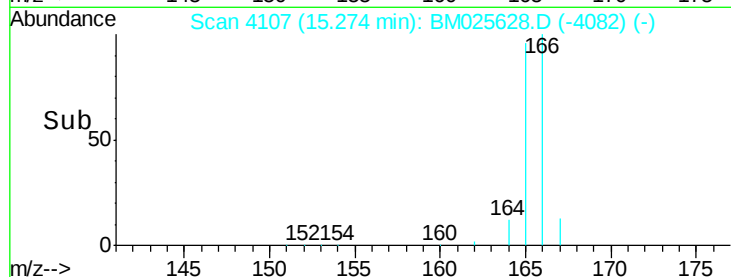
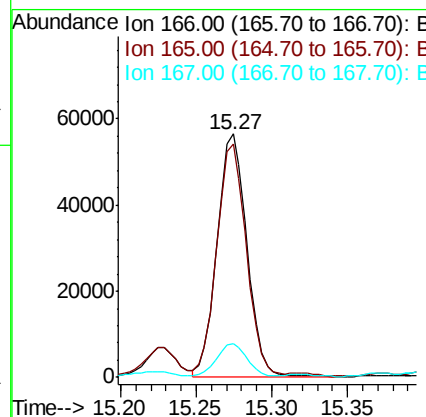
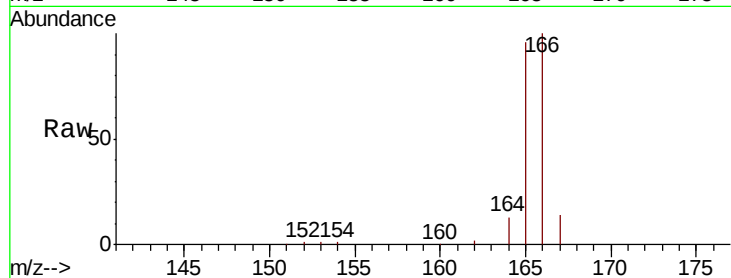
ClientSampleId :

C0AC2

Tot Ion:	166	Resp:	76625
Ion Ratio	Lower	Upper	
166	100		
165	96.1	76.8	115.2
167	14.0	11.2	16.8

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#12

Phenanthrene

Concen: 11.024 ng/ul

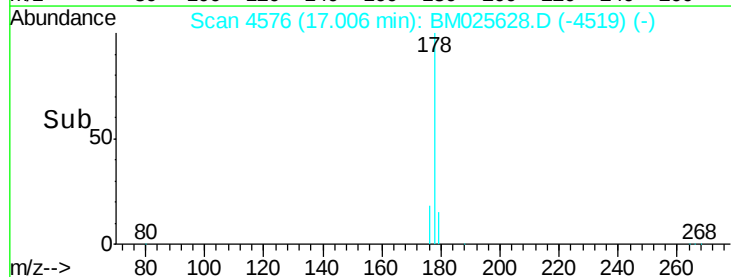
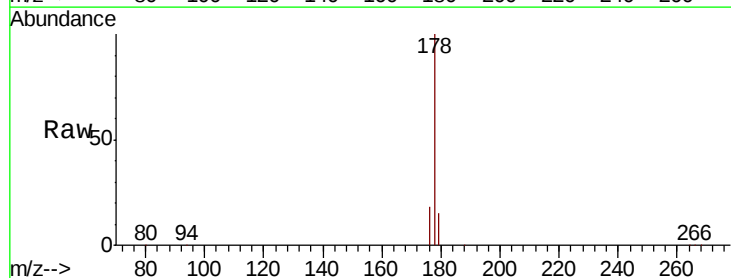
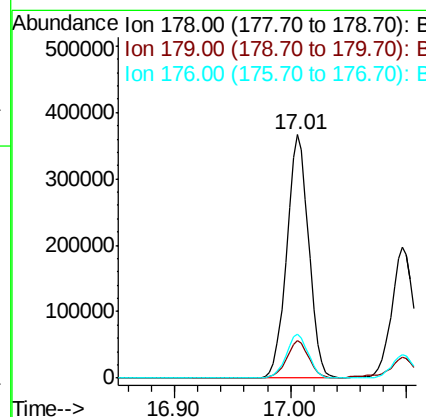
RT: 17.01 min Scan# 4576

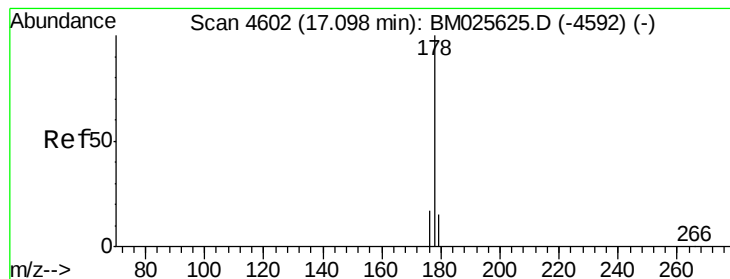
Delta R.T. -0.00 min

Lab File: BM025628.D

Acq: 18 Mar 2020 14:33

Tgt Ion:	178	Resp:	479993
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.4	18.6
176	18.3	14.8	22.2





#13

Anthracene

Concen: 6.925 ng/ul

RT: 17.10 min Scan# 4602

Delta R.T. -0.00 min

Lab File: BM025628.D

Acq: 18 Mar 2020 14:33

Instrument :

BNA_M

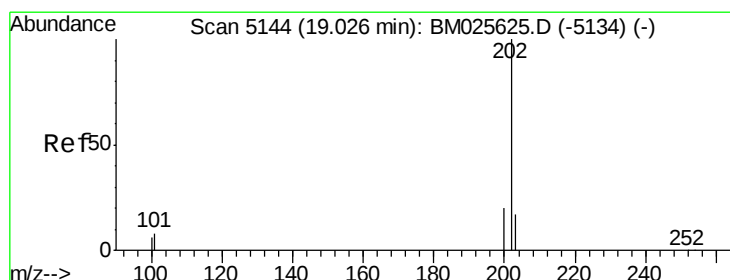
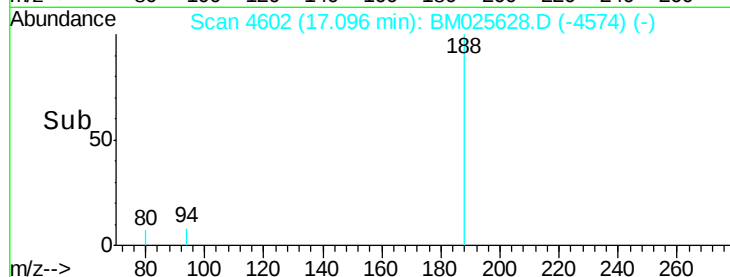
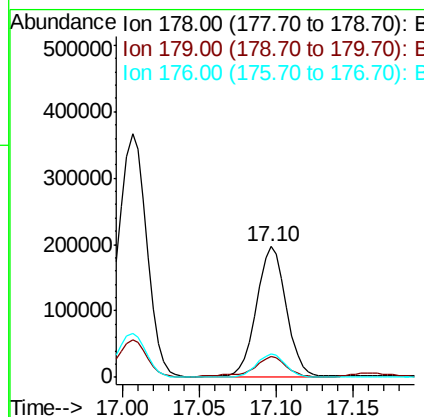
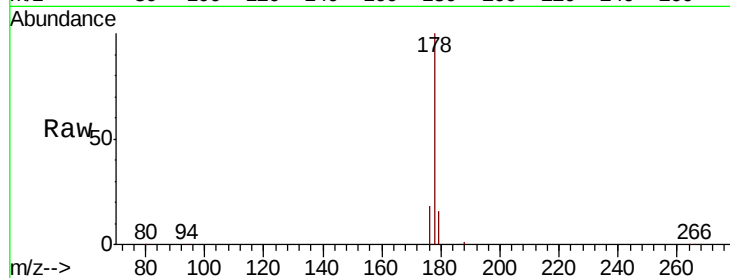
ClientSampleId :

C0AC2

Tot Ion:	178	Resp:	262375
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	18.8
176	17.7	14.5	21.7

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#15

Fluoranthene

Concen: 23.251 ng/ul

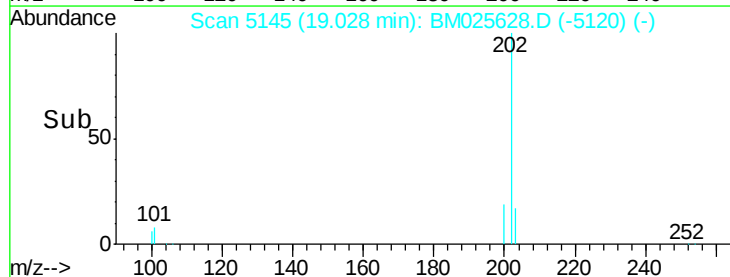
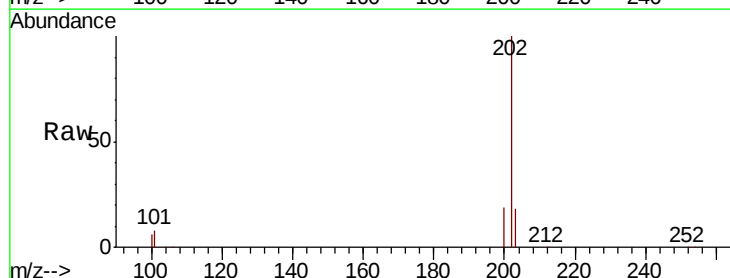
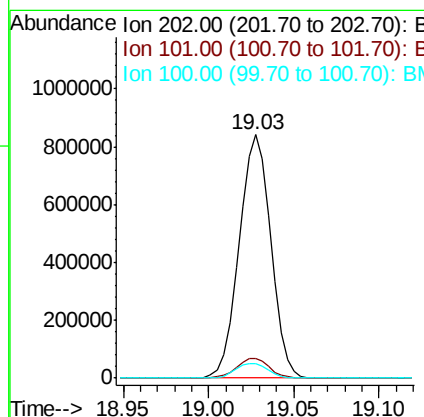
RT: 19.03 min Scan# 5145

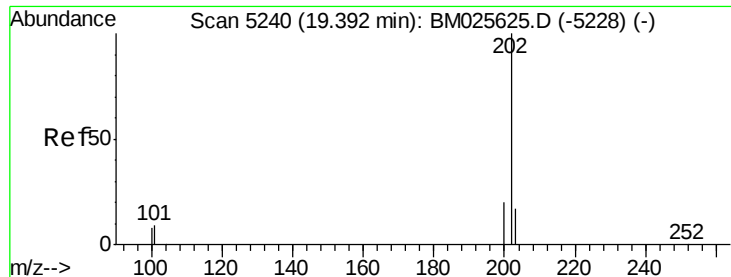
Delta R.T. -0.00 min

Lab File: BM025628.D

Acq: 18 Mar 2020 14:33

Tgt Ion:	202	Resp:	1097435
Ion Ratio	Lower	Upper	
202	100		
101	8.2	0.0	27.5
100	6.2	0.0	26.0





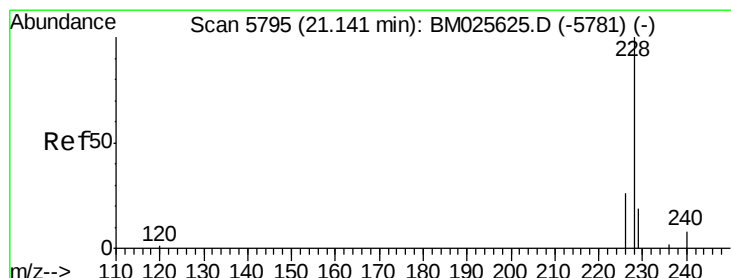
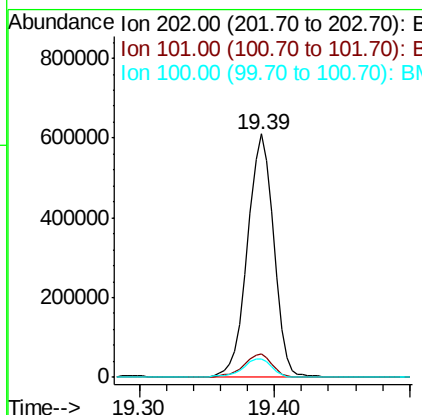
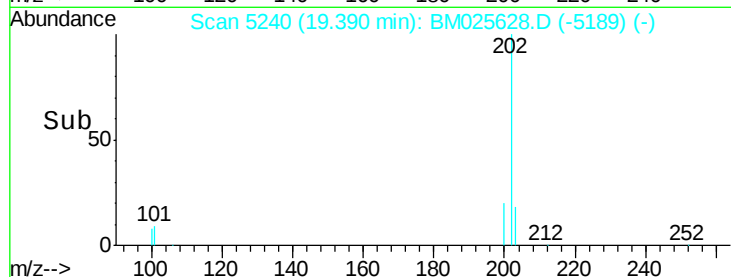
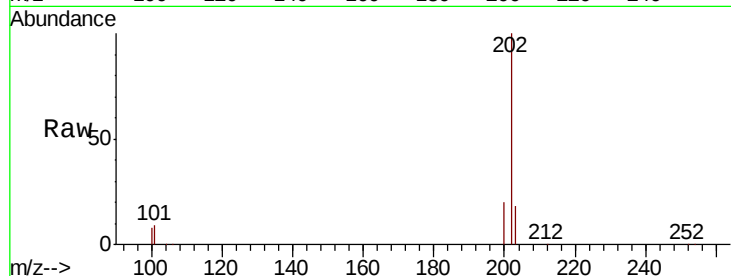
#17
Pvrene
Concen: 11.726 ng/ul
RT: 19.39 min Scan# 5240
Delta R.T. -0.00 min
Lab File: BM025628.D
Acq: 18 Mar 2020 14:33

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tot Ion	Ratio	Resp	Lower	Upper
202	100	803544		
101	9.5		7.1	10.7
100	7.8		6.0	9.0

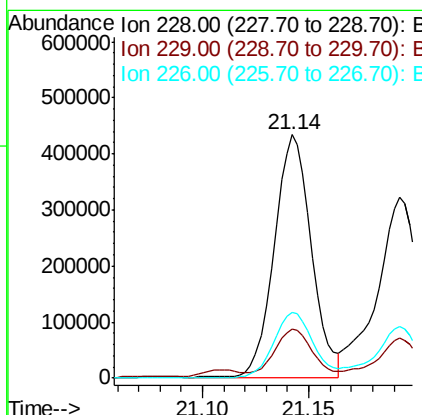
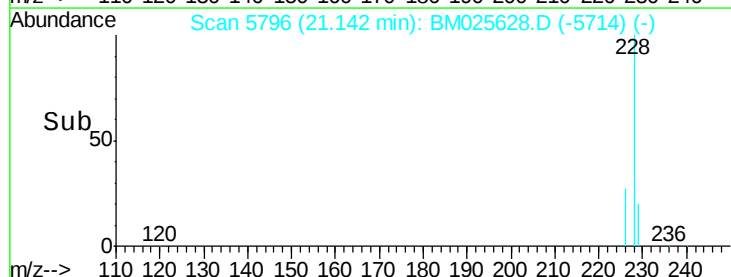
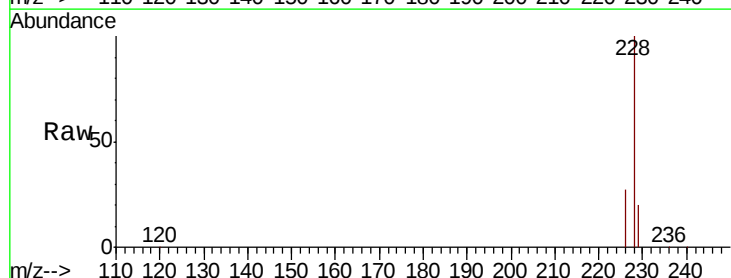
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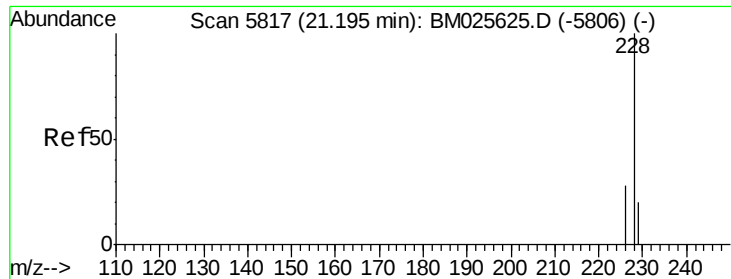
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#18
Benzo(a)anthracene
Concen: 9.578 ng/ul
RT: 21.14 min Scan# 5796
Delta R.T. -0.00 min
Lab File: BM025628.D
Acq: 18 Mar 2020 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	522781		
229	20.4		15.6	23.4
226	27.2		21.1	31.7





#19

Chrysene

Concen: 7.142 ng/ul

RT: 21.19 min Scan# 5817

Delta R.T. -0.01 min

Lab File: BM025628.D

Acq: 18 Mar 2020 14:33

Instrument :

BNA_M

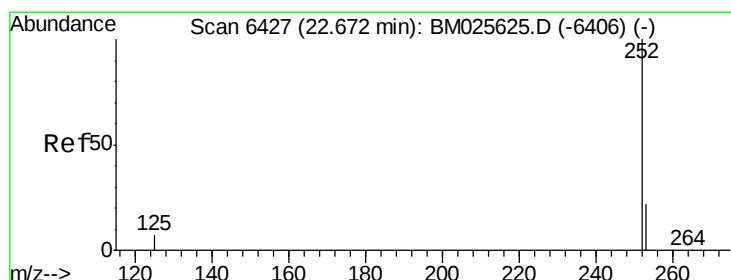
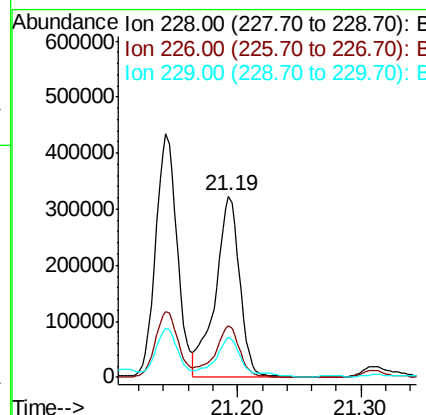
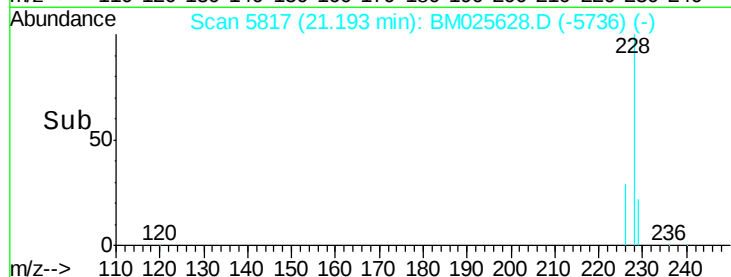
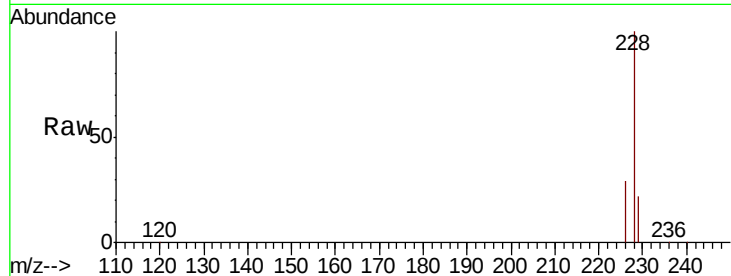
ClientSampled :

C0AC2

Tot Ion:	228	Resp:	437777
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.6	35.4
229	21.9	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 8.421 ng/ul m

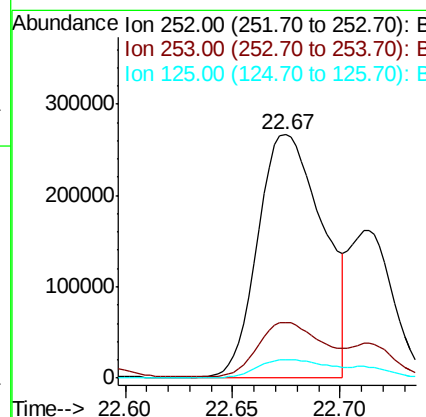
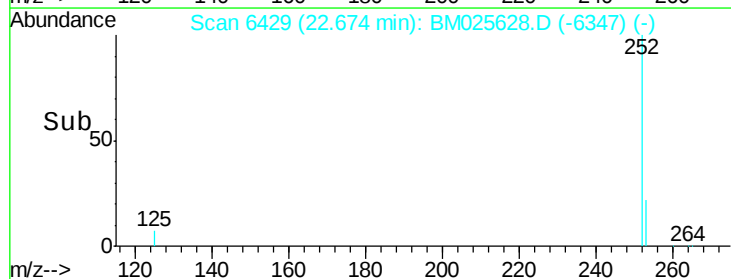
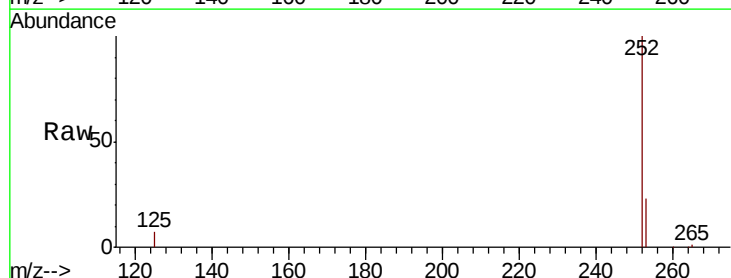
RT: 22.67 min Scan# 6429

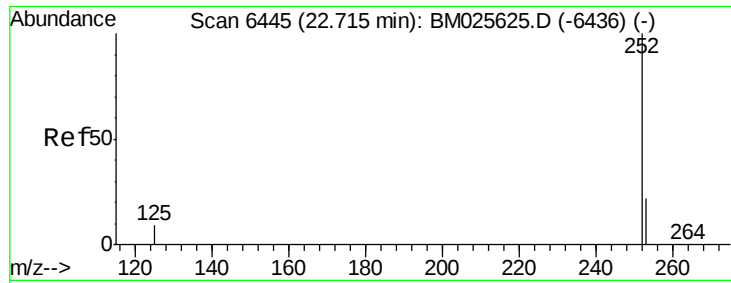
Delta R.T. -0.00 min

Lab File: BM025628.D

Acq: 18 Mar 2020 14:33

Tgt Ion:	252	Resp:	562670
Ion Ratio	Lower	Upper	
252	100		
253	22.7	0.0	50.2
125	7.5	0.0	17.6





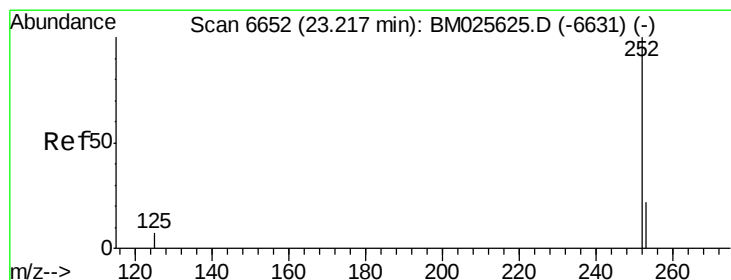
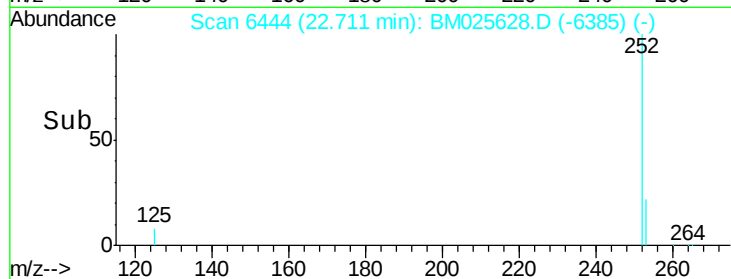
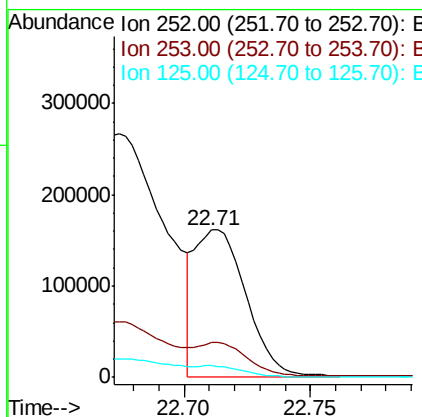
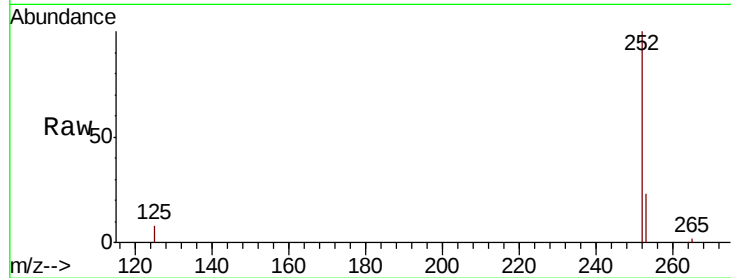
#22
Benzo(k)fluoranthene
Concen: 3.297 ng/ul m
RT: 22.71 min Scan# 6444
Delta R.T. -0.01 min
Lab File: BM025628.D
Acq: 18 Mar 2020 14:33

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.8	29.8
125	7.9	7.1	10.7

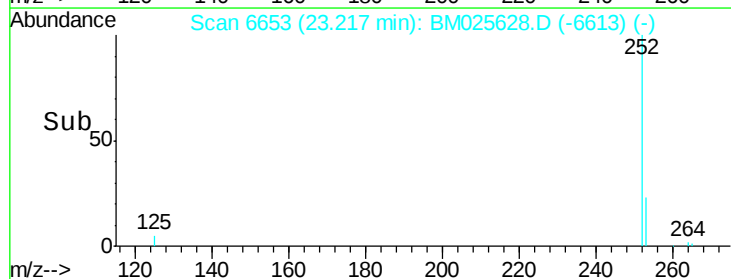
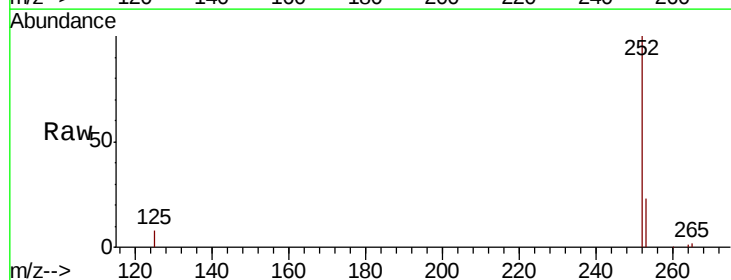
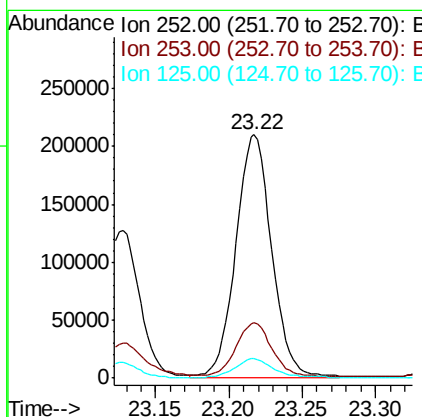
Manual Integrations
APPROVED

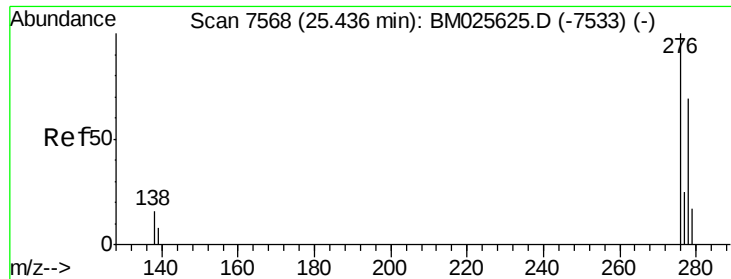
mohammad
3/19/2020 12:35:26 PM



#23
Benzo(a)pyrene
Concen: 6.481 ng/ul m
RT: 23.22 min Scan# 6653
Delta R.T. -0.00 min
Lab File: BM025628.D
Acq: 18 Mar 2020 14:33

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





#24

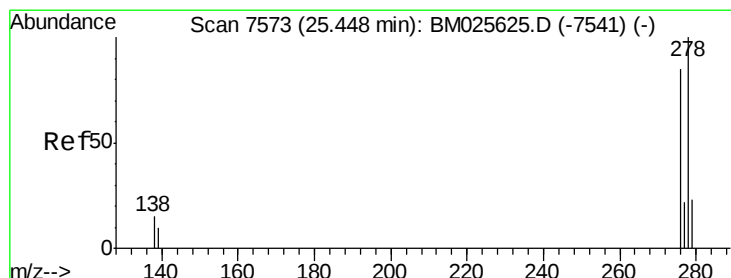
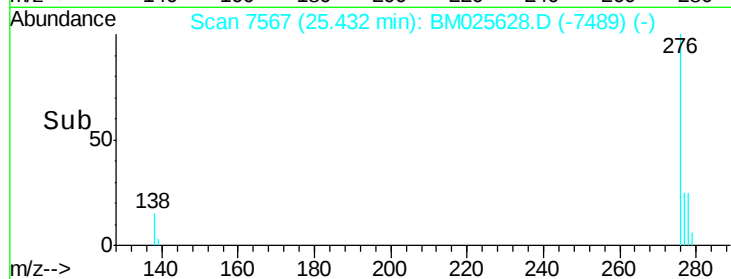
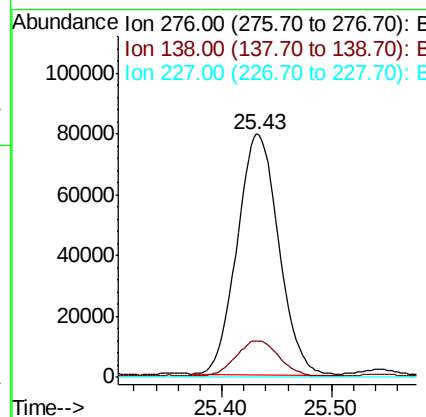
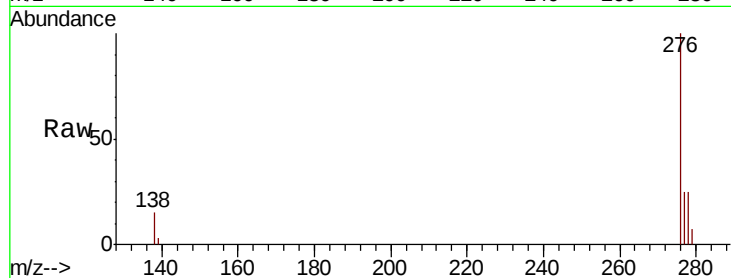
Indeno(1,2,3-cd)pyrene
Concen: 2.754 ng/ul
RT: 25.43 min Scan# 7567
Delta R.T. -0.01 min
Lab File: BM025628.D
Acq: 18 Mar 2020 14:33

Instrument :
BNA_M
ClientSampled :
C0AC2

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

Manual Integrations
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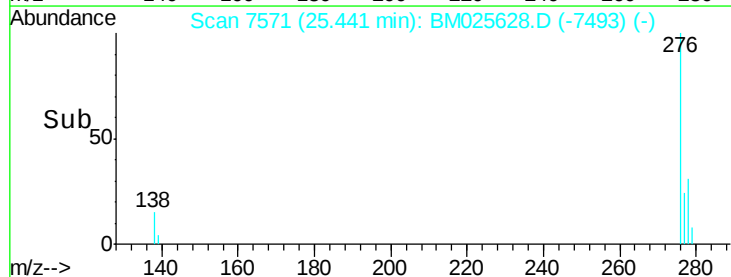
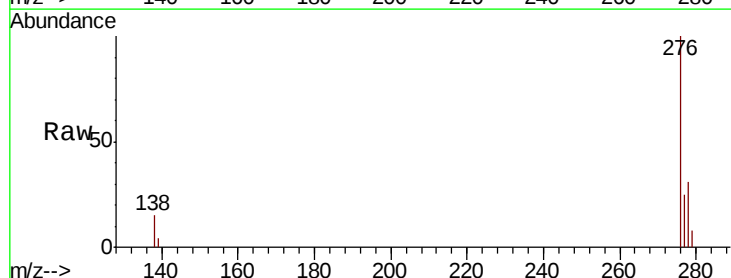
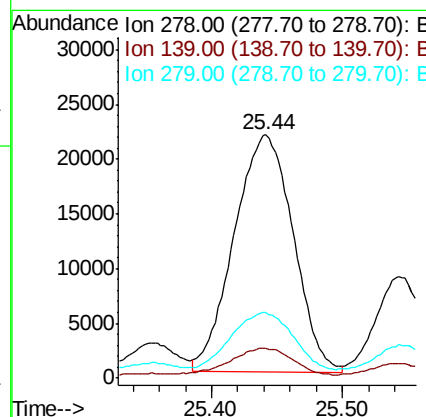
mohammad
3/19/2020 12:35:26 PM

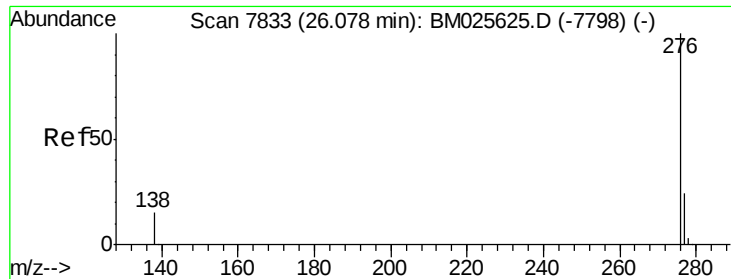


#25

Dibenzo(a,h)anthracene
Concen: 1.072 ng/ul
RT: 25.44 min Scan# 7571
Delta R.T. -0.01 min
Lab File: BM025628.D
Acq: 18 Mar 2020 14:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.4	9.0	13.6
279	26.9	21.1	31.7





#26
 Benzo(a,h,i)perylene
 Concen: 1.952 ng/ul
 RT: 26.08 min Scan# 7835
 Delta R.T. -0.01 min
 Lab File: BM025628.D
 Acq: 18 Mar 2020 14:33

Instrument :
 BNA_M
 ClientSampleId :
 C0AC2

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.9	11.0	16.4
277	24.0	19.8	29.6

Manual Integrations
 APPROVED

mohammad
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