

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
 Data File : BM025627.D
 Acq On : 18 Mar 2020 13:57
 Operator : CG/JU
 Sample : L1786-01DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA4DL

Manual Integrations
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 3/19/2020 12:35:24 PM

Quant Time: Mar 18 15:04:14 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	2348	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9408	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5924	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	13979	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	13811	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	14283	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	344	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	901	0.02	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	977	0.035	ng/ul#	80
7) Acenaphthylene	13.94	152	1265	0.052	ng/ul#	80
8) Acenaphthene	14.28	153	869	0.041	ng/ul	95
9) Fluorene	15.28	166	2336	0.090	ng/ul#	99
12) Phenanthrene	17.00	178	21996	0.497	ng/ul	100
13) Anthracene	17.10	178	5368	0.139	ng/ul	97
15) Fluoranthene	19.03	202	25998	0.541	ng/ul	97
17) Pyrene	19.39	202	19524	0.315	ng/ul	97
18) Benzo(a)anthracene	21.14	228	10637	0.215	ng/ul	98
19) Chrysene	21.19	228	7302	0.132	ng/ul	98
21) Benzo(b)fluoranthene	22.68	252	9326m	0.165	ng/ul	
22) Benzo(k)fluoranthene	22.72	252	4825m	0.081	ng/ul	
23) Benzo(a)pyrene	23.22	252	6465	0.138	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.43	276	3455	0.054	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.45	278	1220	0.023	ng/ul#	42
26) Benzo(a,h,i)perylene	26.08	276	2073	0.038	ng/ul#	79

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

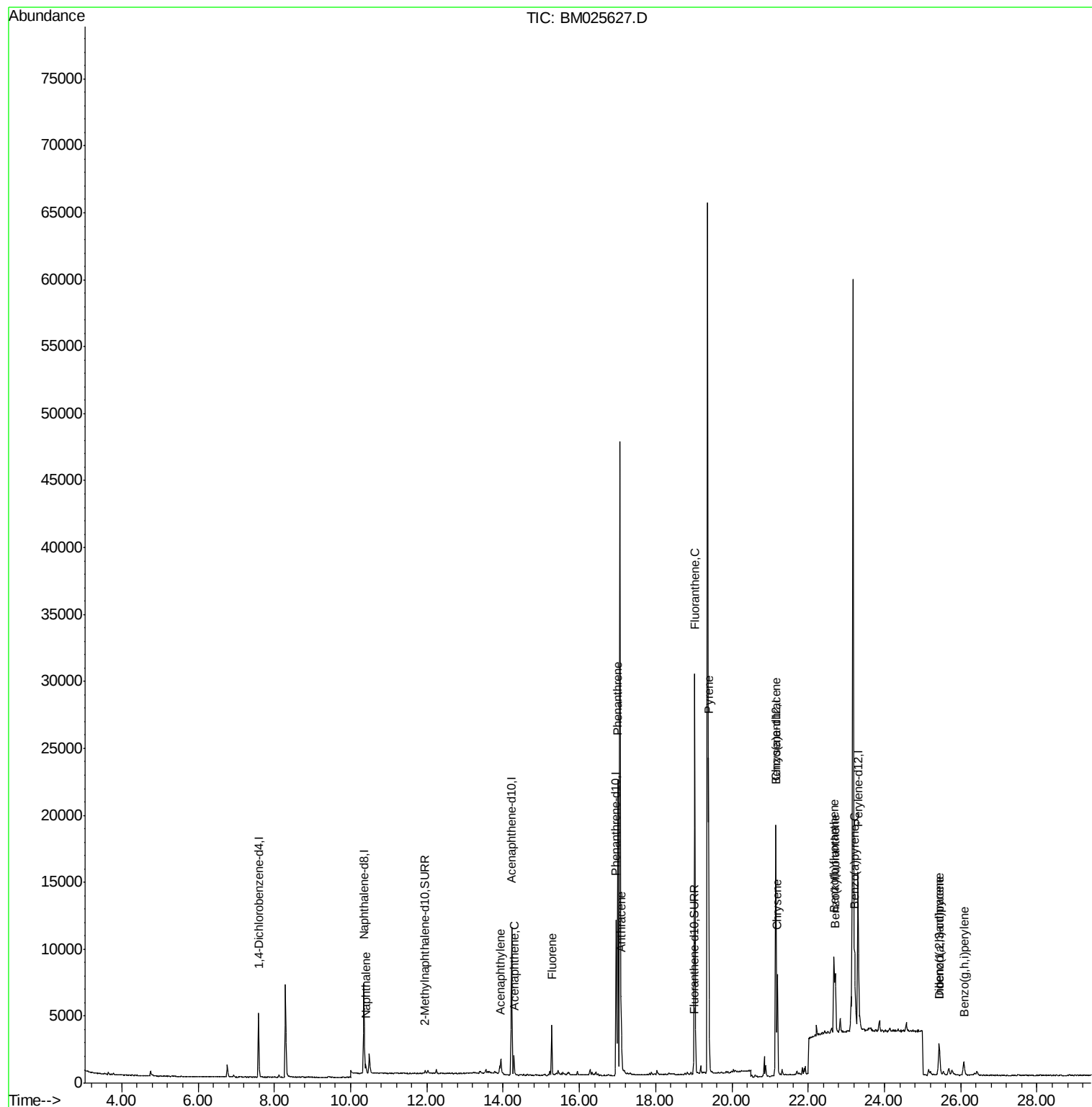
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031820\
Data File : BM025627.D
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ALS Vial : 4 Sample Multiplier: 1

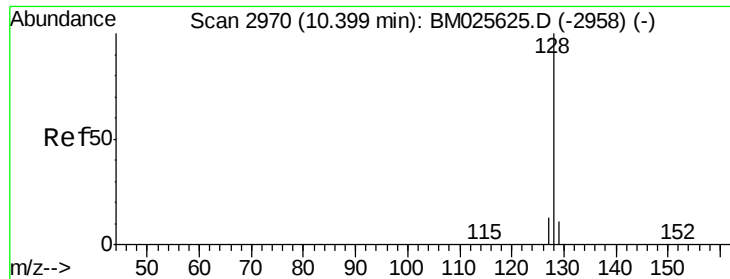
Instrument :
BNA_M
ClientSampleId :
C0AA4DL

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Quant Time: Mar 18 15:04:14 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: 0.035 ng/ul

RT: 10.40 min Scan# 2970

Delta R.T. -0.00 min

Lab File: BM025627.D

Acq: 18 Mar 2020 13:57

Instrument :

BNA_M

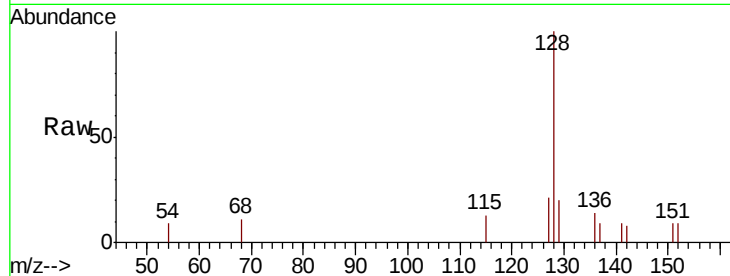
ClientSampleId :

C0AA4DL

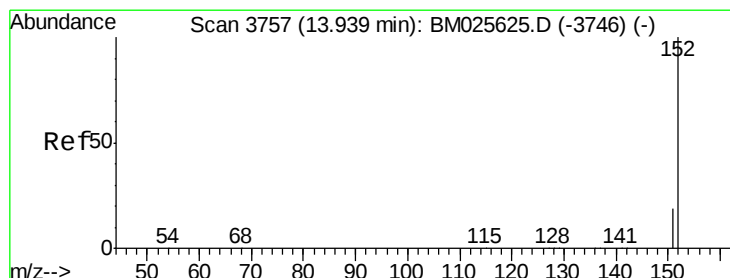
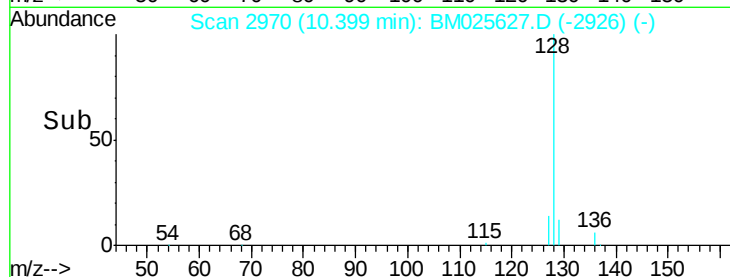
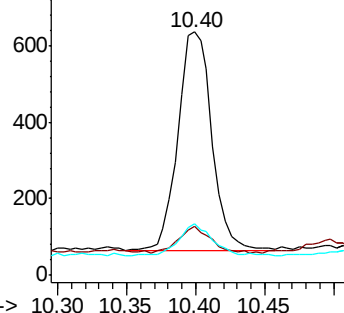
Tot Ion:	128	Resp:	977
Ion Ratio	Lower	Upper	
128	100		
129	20.0	9.4	14.0#
127	21.1	10.9	16.3#

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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



#7

Acenaphthylene

Concen: 0.052 ng/ul

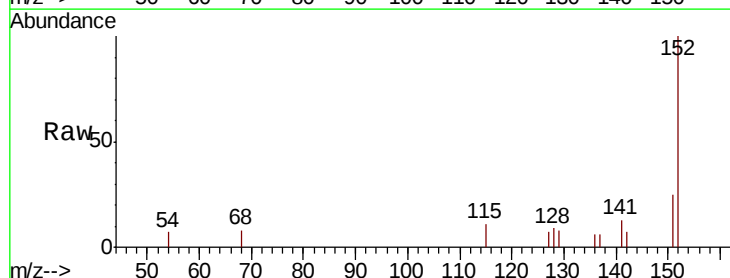
RT: 13.94 min Scan# 3758

Delta R.T. 0.00 min

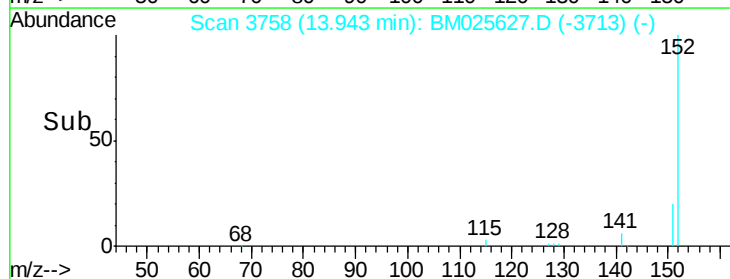
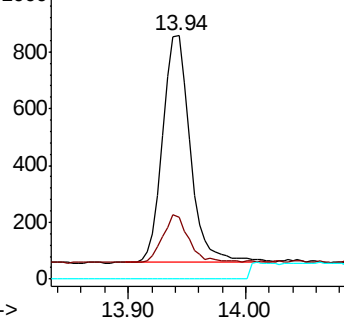
Lab File: BM025627.D

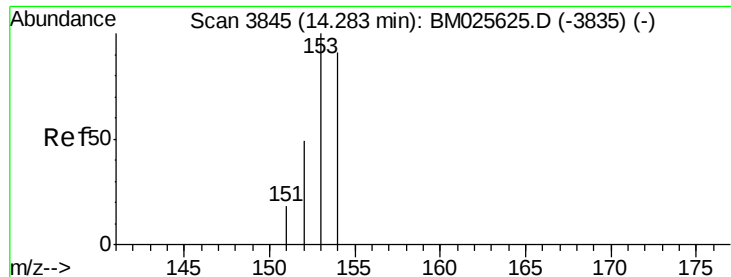
Acq: 18 Mar 2020 13:57

Tgt Ion:	152	Resp:	1265
Ion Ratio	Lower	Upper	
152	100		
151	25.4	16.2	24.2#
153	0.0	10.6	16.0#



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: 0.041 ng/ul

RT: 14.28 min Scan# 3845

Delta R.T. -0.01 min

Lab File: BM025627.D

Acq: 18 Mar 2020 13:57

Instrument :

BNA_M

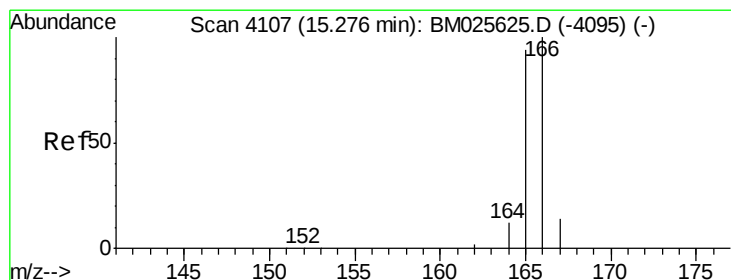
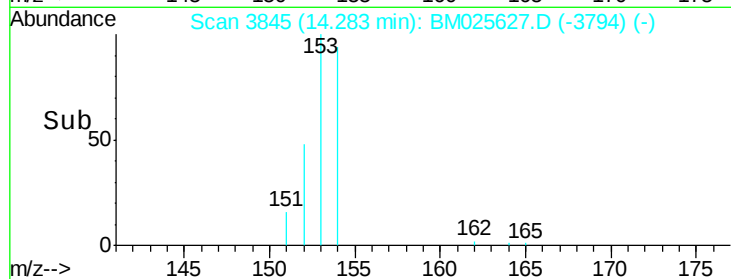
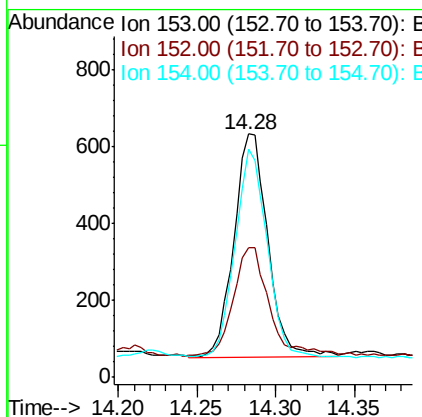
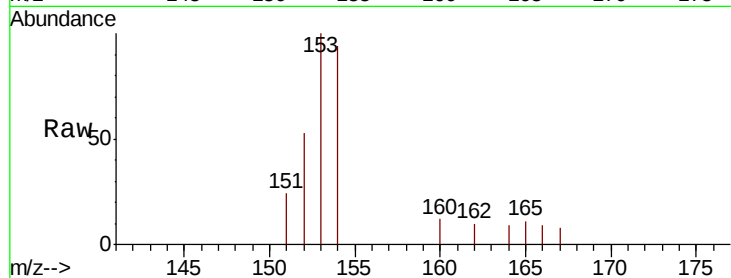
ClientSampleId :

C0AA4DL

Tot Ion:	153	Resp:	869
Ion	Ratio	Lower	Upper
153	100		
152	53.3	39.5	59.3
154	93.5	71.7	107.5

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#9

Fluorene

Concen: 0.090 ng/ul

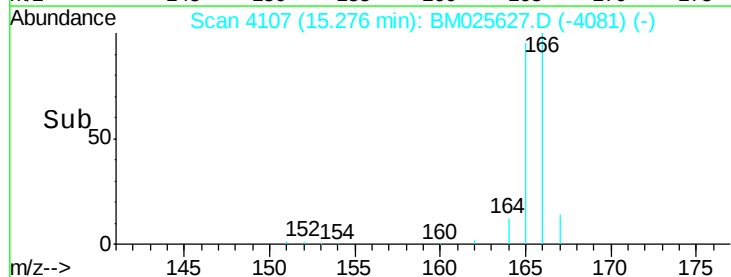
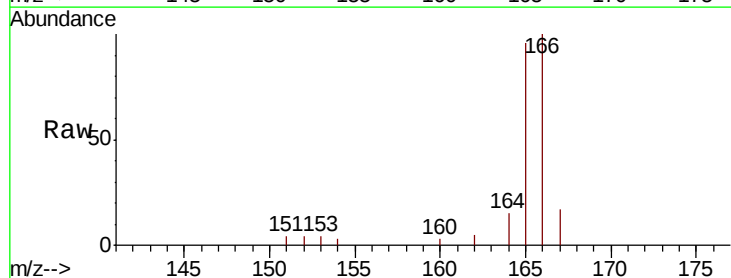
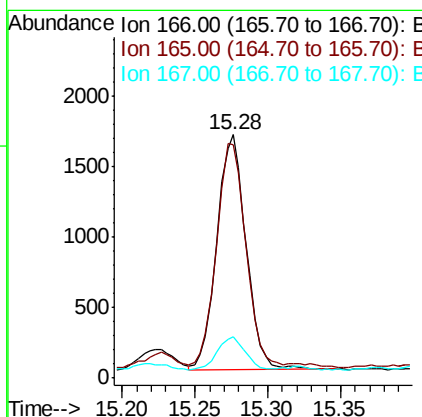
RT: 15.28 min Scan# 4107

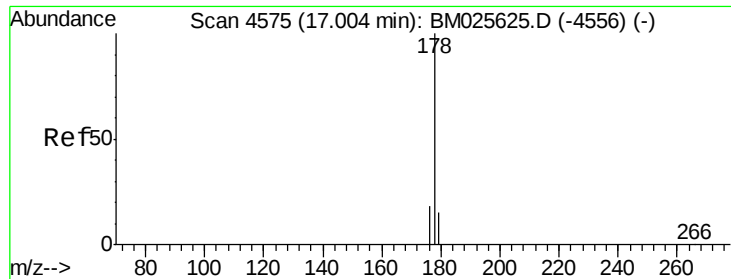
Delta R.T. -0.00 min

Lab File: BM025627.D

Acq: 18 Mar 2020 13:57

Tgt Ion:	166	Resp:	2336
Ion	Ratio	Lower	Upper
166	100		
165	96.1	76.8	115.2
167	17.2	11.2	16.8#





#12

Phenanthrene

Concen: 0.497 ng/ul

RT: 17.00 min Scan# 4575

Delta R.T. -0.01 min

Lab File: BM025627.D

Acq: 18 Mar 2020 13:57

Instrument :

BNA_M

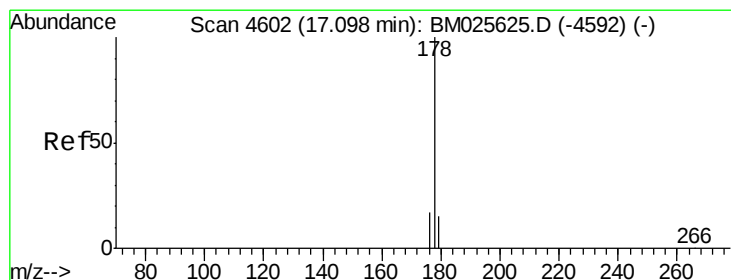
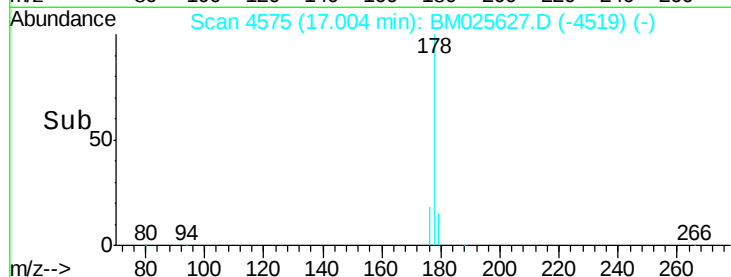
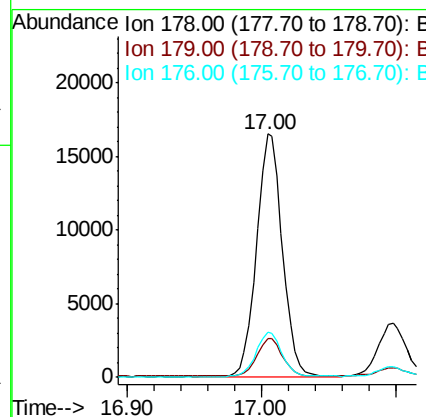
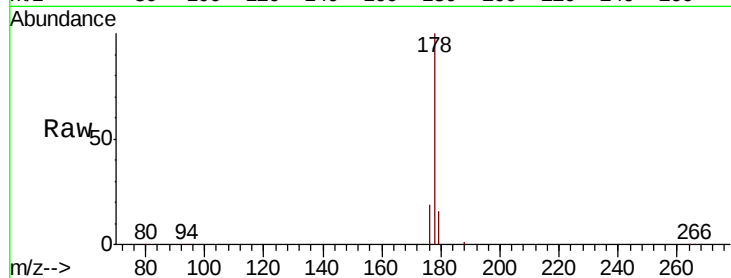
ClientSampleId :

C0AA4DL

Tot Ion:	178	Resp:	21996
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.4	18.6
176	18.5	14.8	22.2

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#13

Anthracene

Concen: 0.139 ng/ul

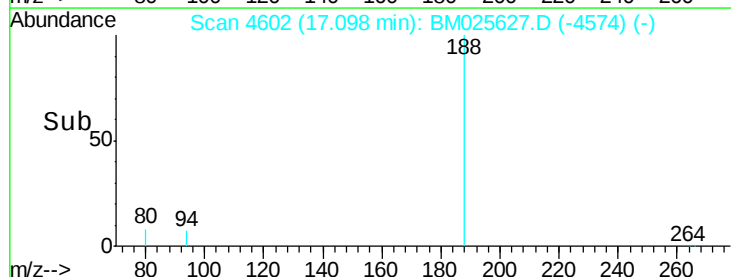
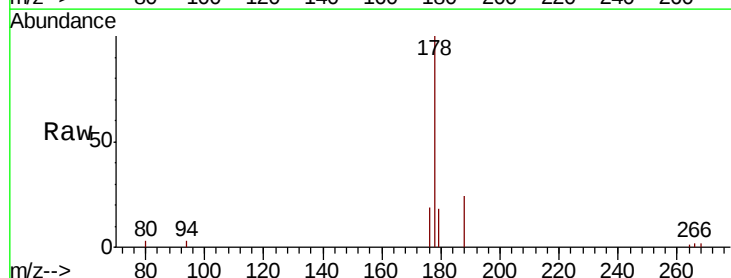
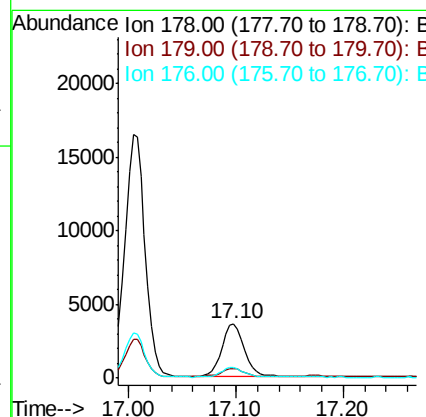
RT: 17.10 min Scan# 4602

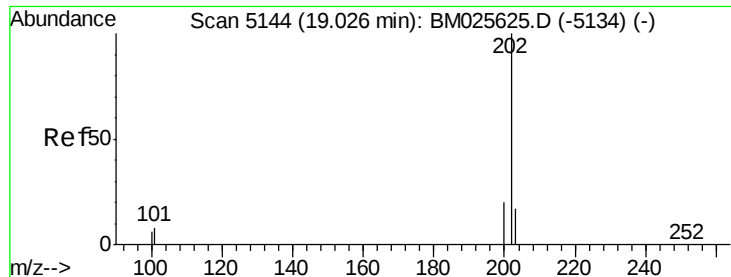
Delta R.T. -0.00 min

Lab File: BM025627.D

Acq: 18 Mar 2020 13:57

Tgt Ion:	178	Resp:	5368
Ion Ratio	Lower	Upper	
178	100		
179	17.6	12.6	18.8
176	19.1	14.5	21.7





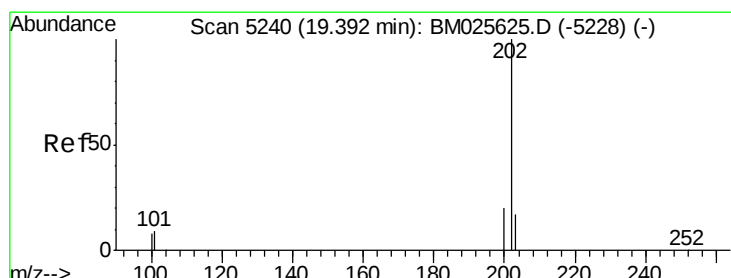
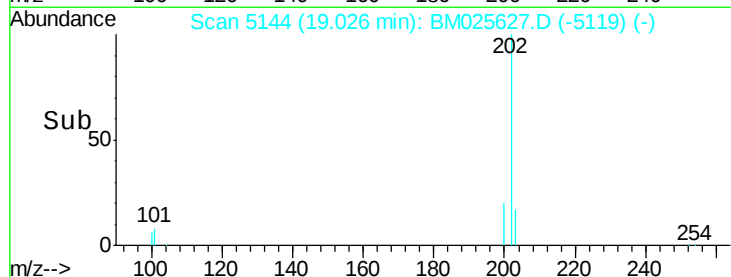
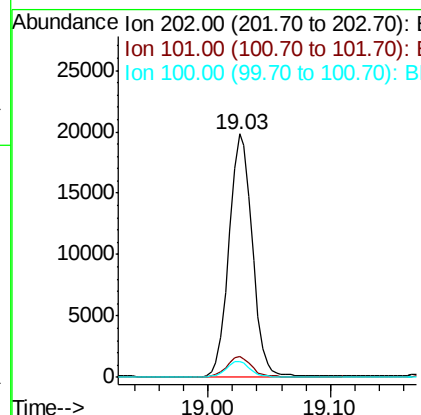
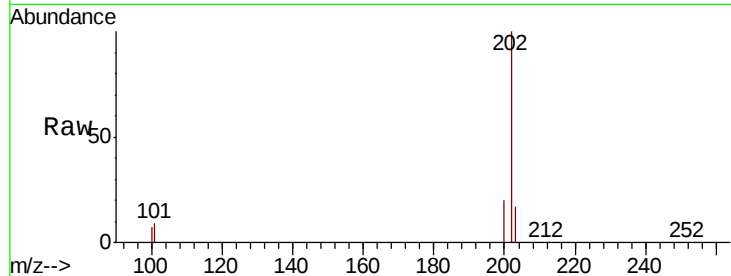
#15
Fluoranthene
Concen: 0.541 ng/ul
RT: 19.03 min Scan# 5144
Delta R.T. -0.01 min
Lab File: BM025627.D
Acq: 18 Mar 2020 13:57

Instrument :
BNA_M
ClientSampled :
C0AA4DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	25998		
101	8.5	0.0	27.5	
100	6.7	0.0	26.0	

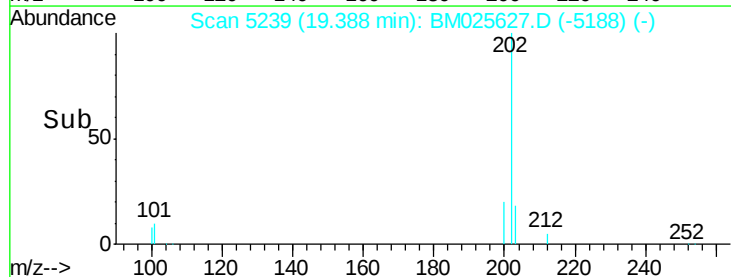
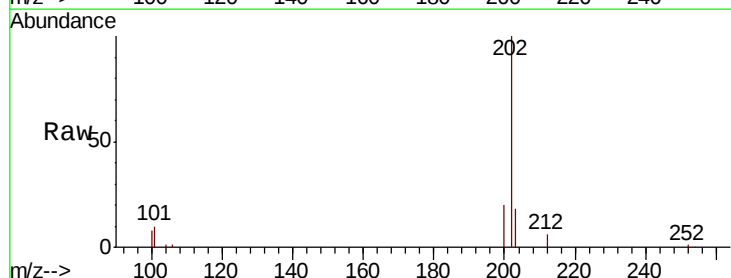
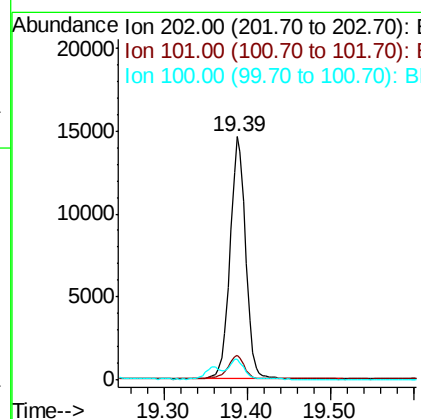
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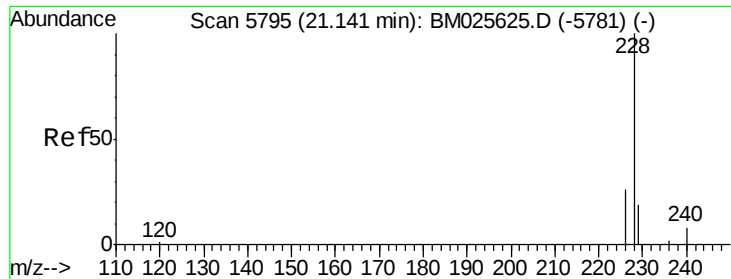
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#17
Pyrene
Concen: 0.315 ng/ul
RT: 19.39 min Scan# 5239
Delta R.T. -0.01 min
Lab File: BM025627.D
Acq: 18 Mar 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	19524		
101	10.4	7.1	10.7	
100	8.5	6.0	9.0	





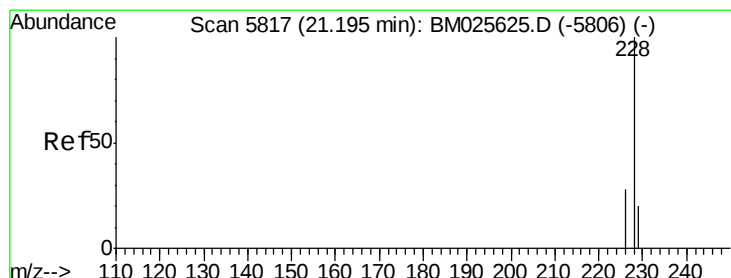
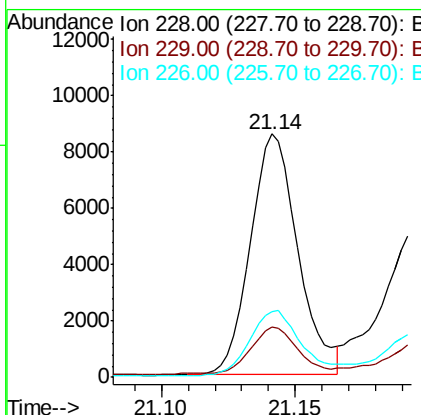
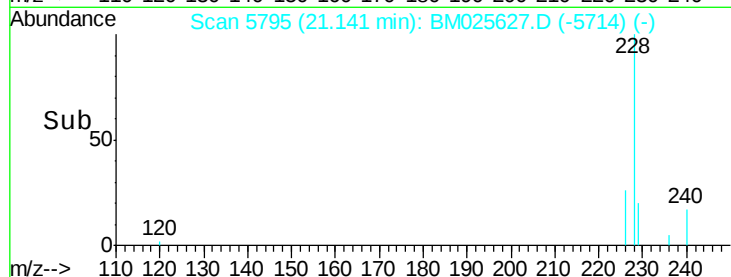
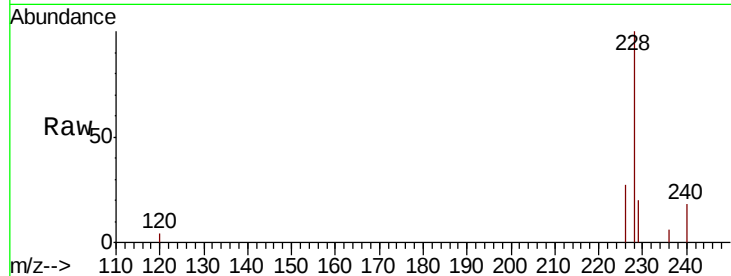
#18
Benzo(a)anthracene
Concen: 0.215 ng/ul
RT: 21.14 min Scan# 5795
Delta R.T. -0.00 min
Lab File: BM025627.D
Acq: 18 Mar 2020 13:57

Instrument :
BNA_M
ClientSampleId :
C0AA4DL

Tot Ion:	228	Resp:	10637
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.6	23.4
226	27.0	21.1	31.7

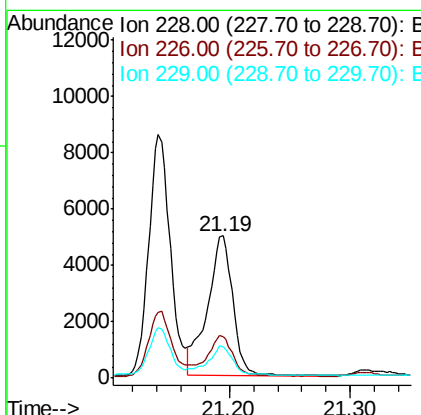
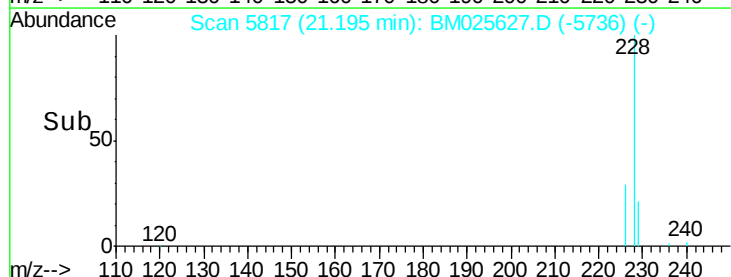
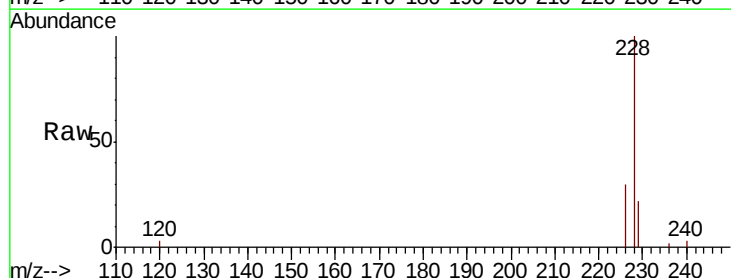
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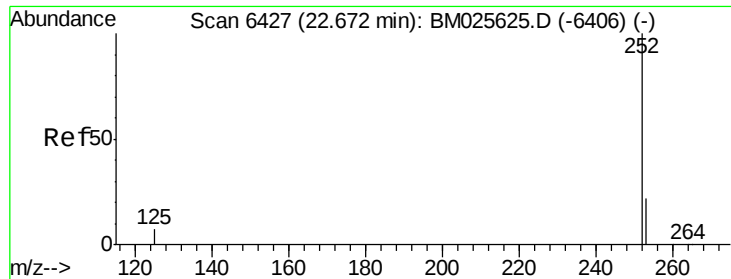
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#19
Chrysene
Concen: 0.132 ng/ul
RT: 21.19 min Scan# 5817
Delta R.T. -0.00 min
Lab File: BM025627.D
Acq: 18 Mar 2020 13:57

Tgt Ion:	228	Resp:	7302
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.6	35.4
229	22.2	16.3	24.5





#21

Benzo(b)fluoranthene

Concen: 0.165 ng/ul m

RT: 22.68 min Scan# 6429

Delta R.T. 0.00 min

Lab File: BM025627.D

Acq: 18 Mar 2020 13:57

Instrument :

BNA_M

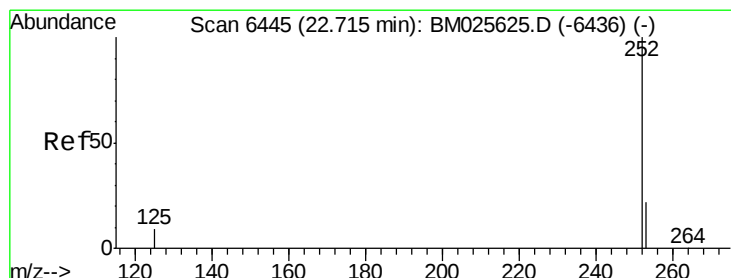
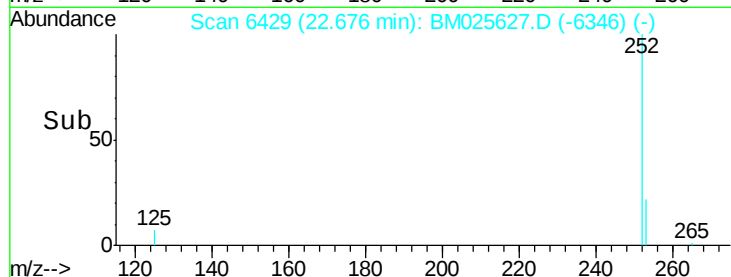
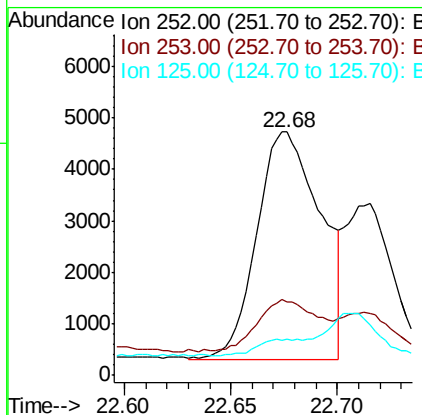
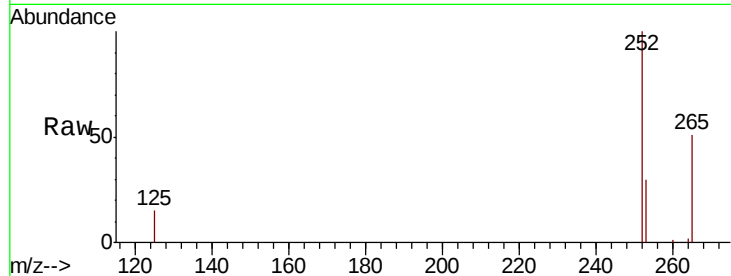
ClientSampleId :

C0AA4DL

Tot Ion:	252	Resp:	9326
Ion Ratio	Lower	Upper	
252	100		
253	30.2	0.0	50.2
125	14.8	0.0	17.6

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#22

Benzo(k)fluoranthene

Concen: 0.081 ng/ul m

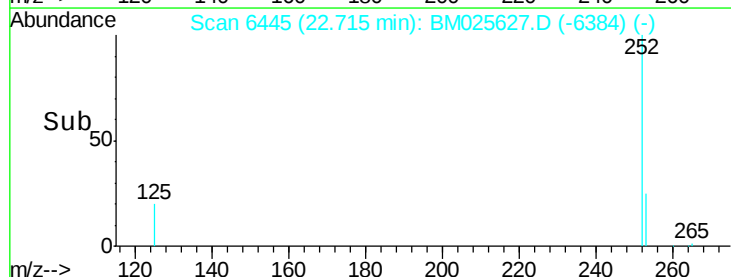
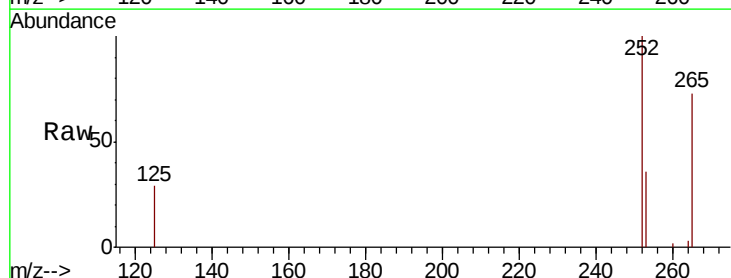
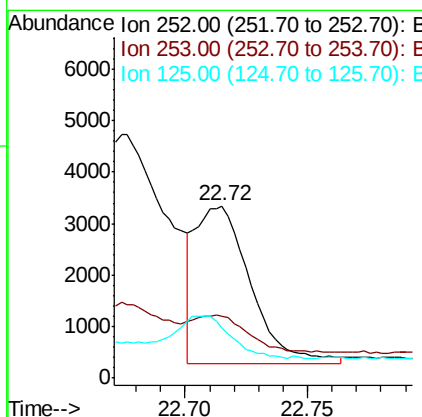
RT: 22.72 min Scan# 6445

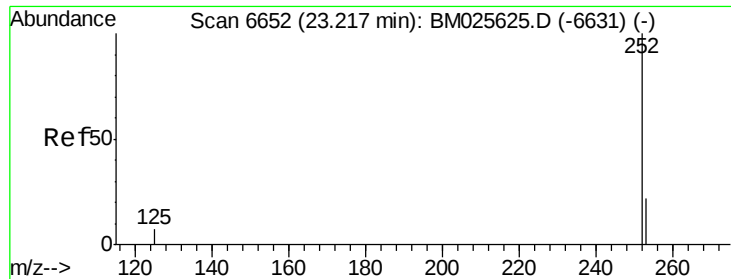
Delta R.T. -0.00 min

Lab File: BM025627.D

Acq: 18 Mar 2020 13:57

Tgt Ion:	252	Resp:	4825
Ion Ratio	Lower	Upper	
252	100		
253	36.1	19.8	29.8#
125	29.3	7.1	10.7#





#23

Benzo(a)pyrene

Concen: 0.138 ng/ul

RT: 23.22 min Scan# 6652

Delta R.T. -0.00 min

Lab File: BM025627.D

Acq: 18 Mar 2020 13:57

Instrument :

BNA_M

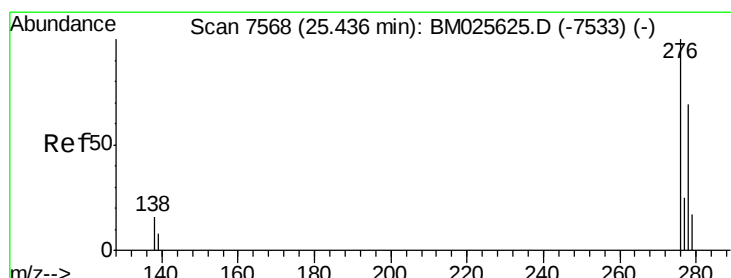
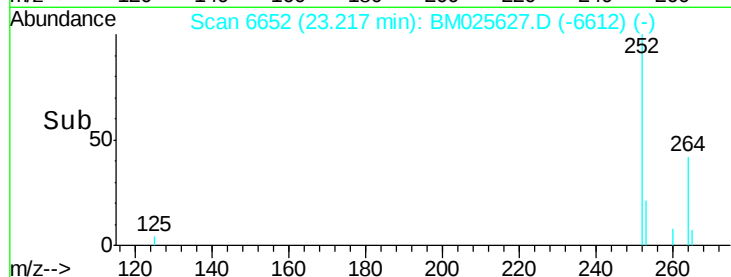
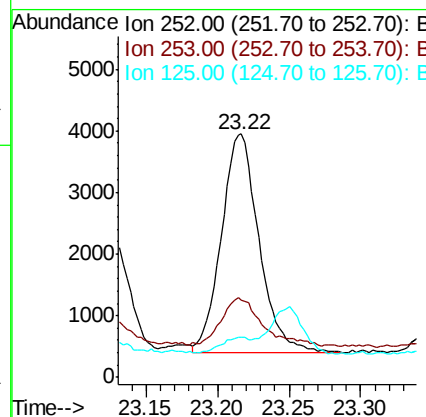
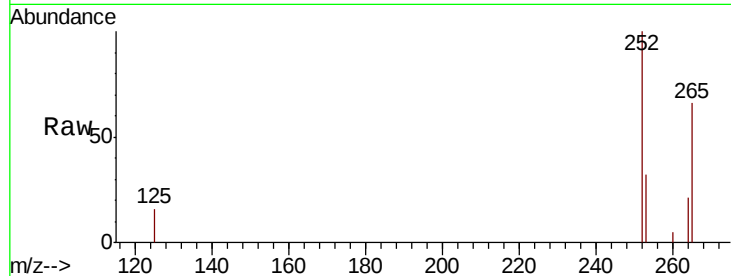
ClientSampleID :

C0AA4DL

Tot Ion:	252	Resp:	6465
Ion Ratio	Lower	Upper	
252	100		
253	31.9	21.3	31.9#
125	16.4	8.5	12.7#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.054 ng/ul

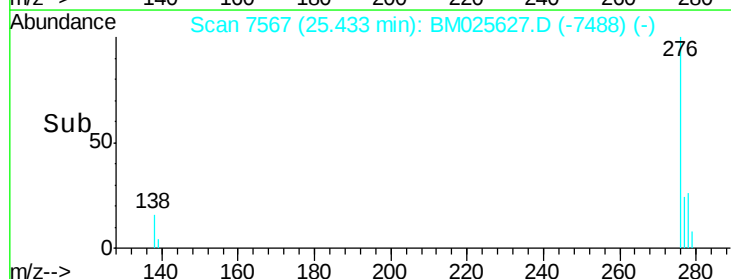
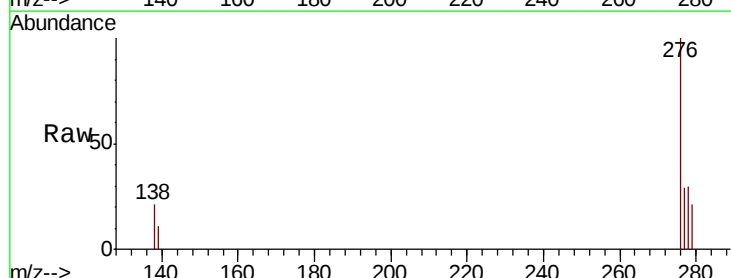
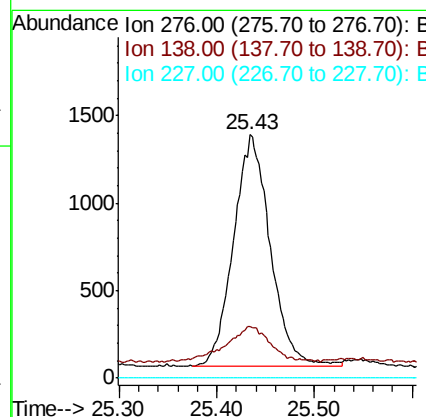
RT: 25.43 min Scan# 7567

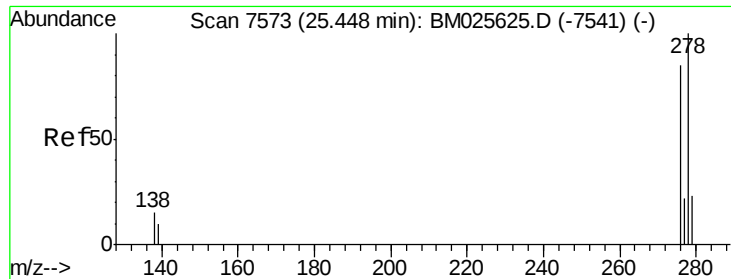
Delta R.T. -0.01 min

Lab File: BM025627.D

Acq: 18 Mar 2020 13:57

Tgt Ion:	276	Resp:	3455
Ion Ratio	Lower	Upper	
276	100		
138	18.4	12.3	18.5
227	0.0	0.0	0.0





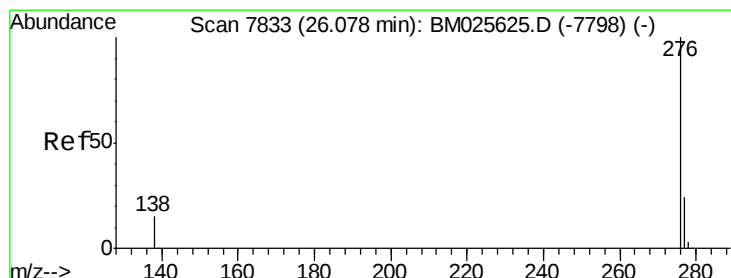
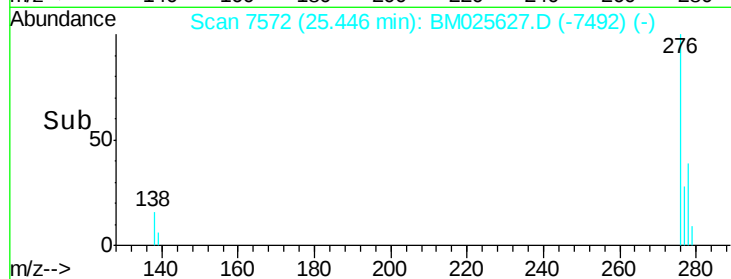
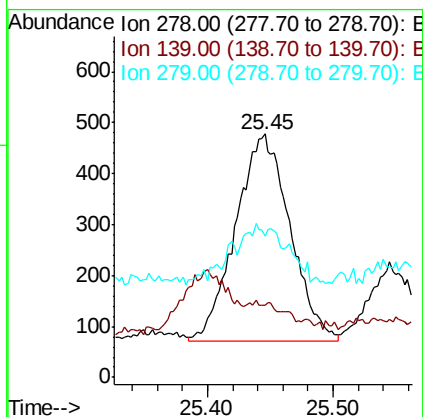
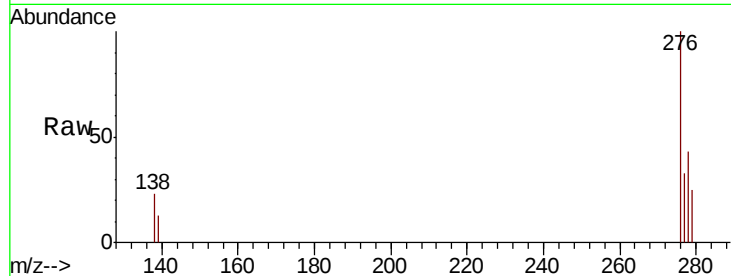
#25
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 25.45 min Scan# 7572
Delta R.T. -0.01 min
Lab File: BM025627.D
Acq: 18 Mar 2020 13:57

Instrument :
BNA_M
ClientSampleId :
C0AA4DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	29.7	9.0	13.6#
279	58.2	21.1	31.7#

Manual Integrations
APPROVED

mohammad
3/19/2020 12:35:24 PM



#26
Benzo(g,h,i)perylene
Concen: 0.038 ng/ul
RT: 26.08 min Scan# 7834
Delta R.T. -0.01 min
Lab File: BM025627.D
Acq: 18 Mar 2020 13:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	11.0	16.4#
277	32.6	19.8	29.6#

