

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025435.D
 Acq On : 10 Mar 2020 04:30
 Operator : CG/JU
 Sample : L1615-13DL 2X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDN7DL

Manual Integrations
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mohammad
 3/11/2020 8:00:35 AM

Quant Time: Mar 10 11:42:47 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 09 13:32:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3312	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	13714	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9201	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	18386	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	13492	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	13860	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	675	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	1316	0.03	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	1198	0.032	ng/ul#	88
9) Fluorene	15.34	166	1967	0.049	ng/ul#	97
12) Phenanthrene	17.07	178	6126	0.105	ng/ul	97
13) Anthracene	17.16	178	144618	2.852	ng/ul	99
15) Fluoranthene	19.09	202	14089	0.223	ng/ul	98
17) Pyrene	19.45	202	24449	0.404	ng/ul	99
18) Benzo(a)anthracene	21.20	228	18163	0.377	ng/ul	97
19) Chrysene	21.26	228	25374	0.468	ng/ul	99
21) Benzo(b)fluoranthene	22.75	252	51894m	0.946	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	20040m	0.348	ng/ul	
23) Benzo(a)pyrene	23.31	252	22371	0.491	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.57	276	15451	0.250	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.58	278	4331	0.083	ng/ul#	85
26) Benzo(g,h,i)perylene	26.24	276	10755	0.201	ng/ul	98

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

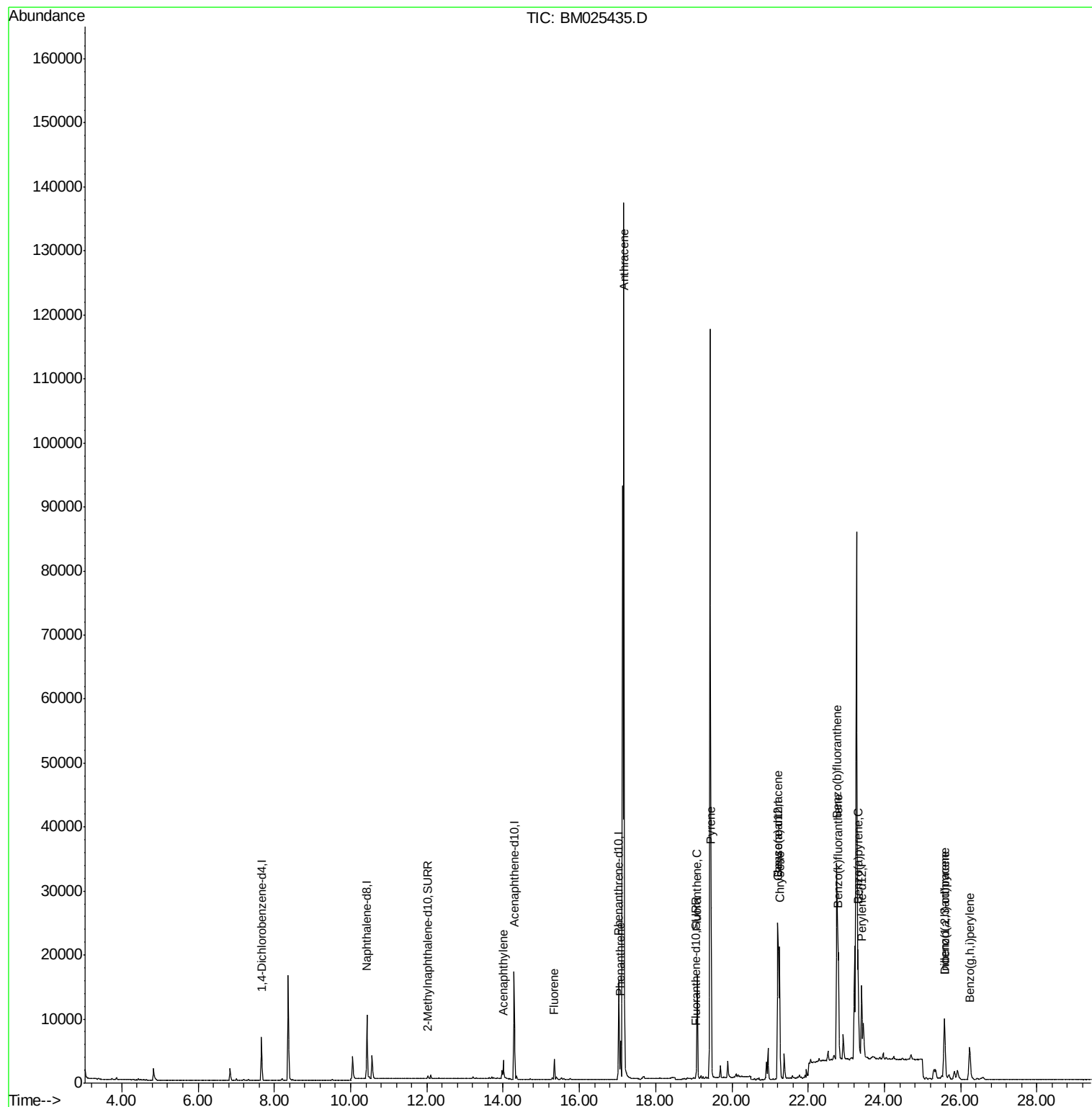
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
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Misc :
ALS Vial : 29 Sample Multiplier: 1

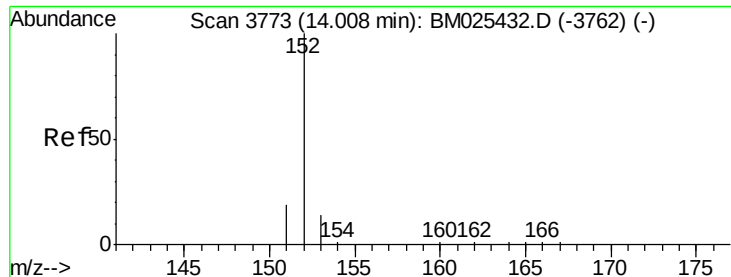
Instrument :
BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.032 ng/ul

RT: 14.01 min Scan# 3772

Delta R.T. -0.00 min

Lab File: BM025435.D

Acq: 10 Mar 2020 04:30

Instrument :

BNA_M

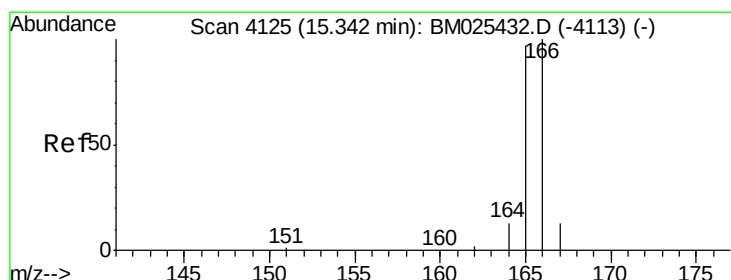
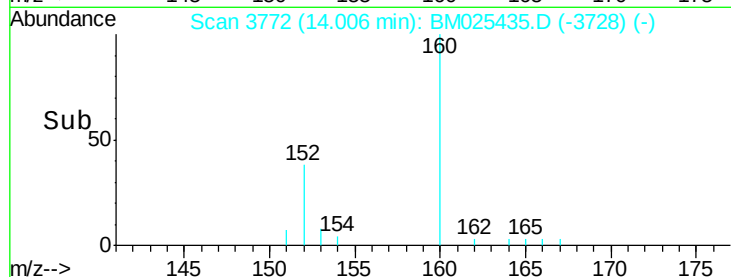
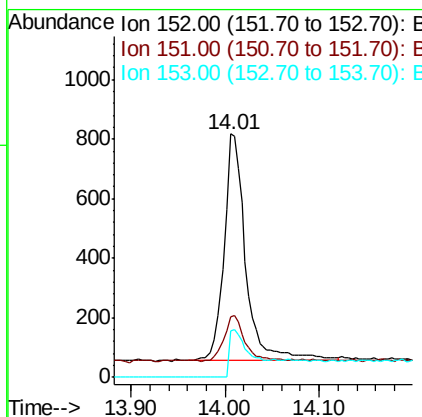
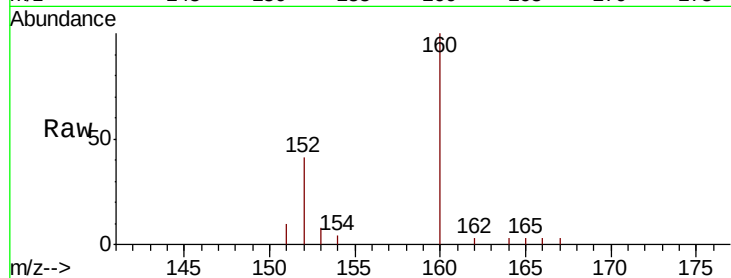
ClientSampled :

DBDN7DL

Tot Ion:	152	Resp:	1198
Ion Ratio	Lower	Upper	
152	100		
151	25.1	16.2	24.2#
153	18.9	10.6	16.0#

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#9

Fluorene

Concen: 0.049 ng/ul

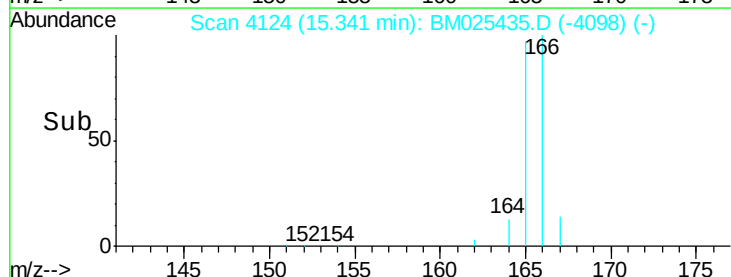
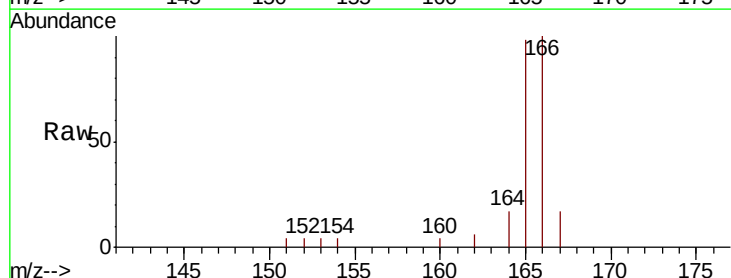
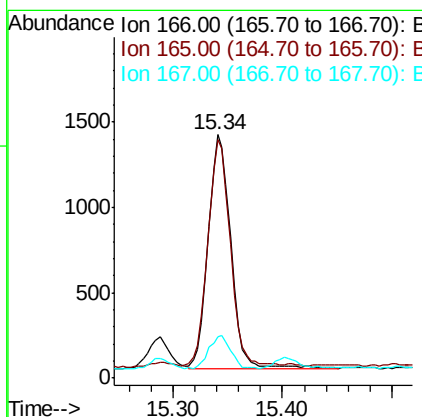
RT: 15.34 min Scan# 4124

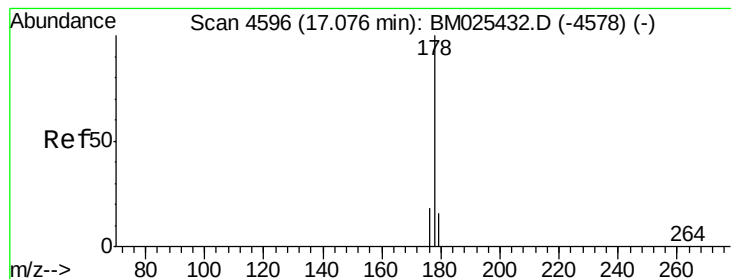
Delta R.T. -0.00 min

Lab File: BM025435.D

Acq: 10 Mar 2020 04:30

Tgt Ion:	166	Resp:	1967
Ion Ratio	Lower	Upper	
166	100		
165	98.1	76.8	115.2
167	17.0	11.2	16.8#





#12

Phenanthrene

Concen: 0.105 ng/ul

RT: 17.07 min Scan# 4595

Delta R.T. -0.00 min

Lab File: BM025435.D

Acq: 10 Mar 2020 04:30

Instrument :

BNA_M

ClientSampleId :

DBDN7DL

Tot Ion:178 Resp: 6126

Ion Ratio Lower Upper

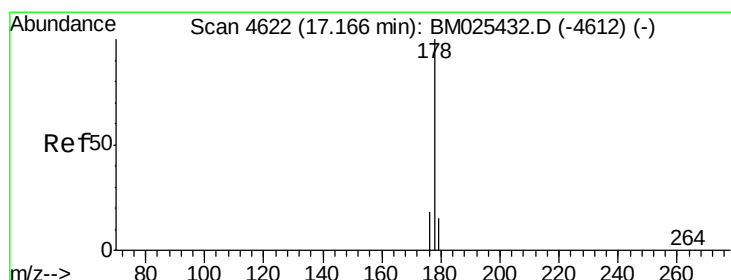
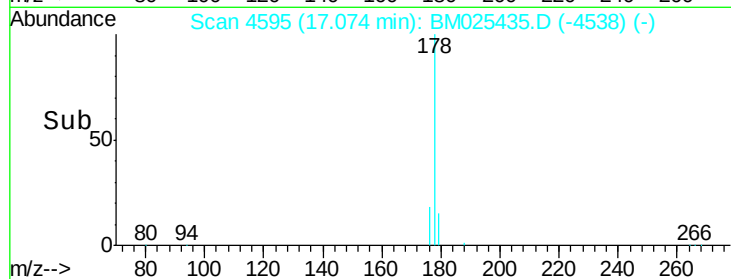
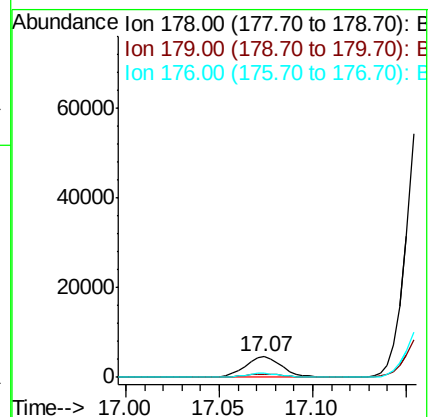
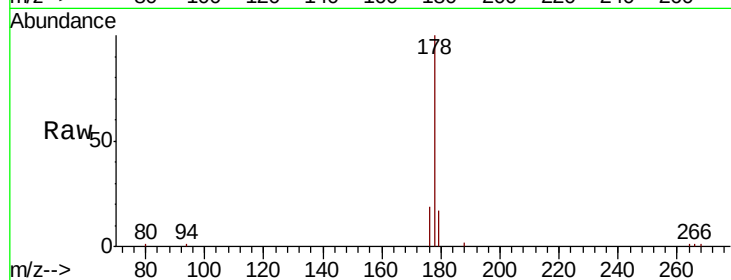
178 100

179 16.9 12.4 18.6

176 19.5 14.8 22.2

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#13

Anthracene

Concen: 2.852 ng/ul

RT: 17.16 min Scan# 4621

Delta R.T. -0.00 min

Lab File: BM025435.D

Acq: 10 Mar 2020 04:30

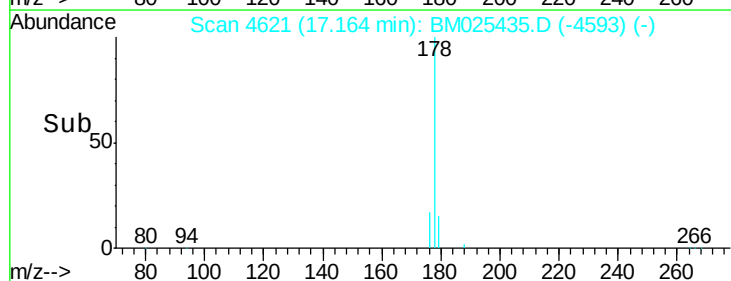
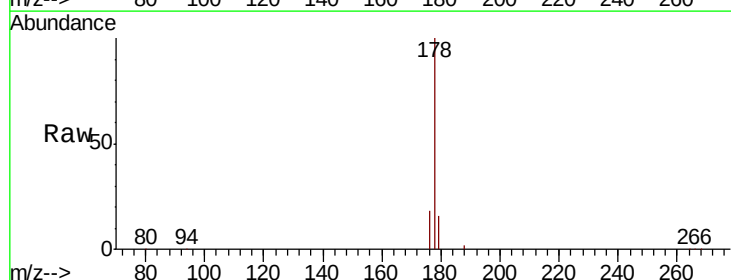
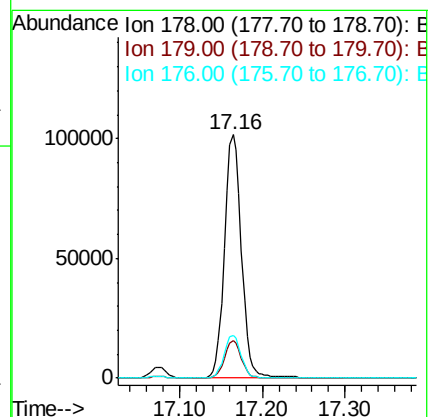
Tgt Ion:178 Resp: 144618

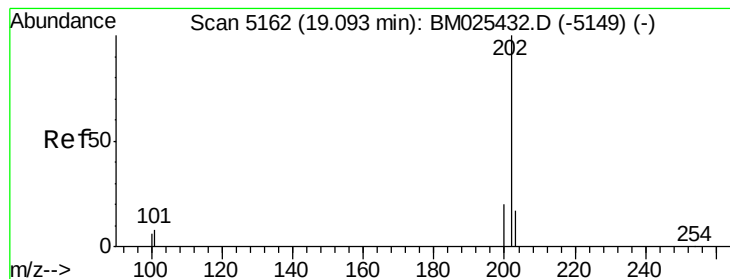
Ion Ratio Lower Upper

178 100

179 15.5 12.6 18.8

176 17.6 14.5 21.7





#15

Fluoranthene

Concen: 0.223 ng/ul

RT: 19.09 min Scan# 5161

Delta R.T. -0.00 min

Lab File: BM025435.D

Acq: 10 Mar 2020 04:30

Instrument :

BNA_M

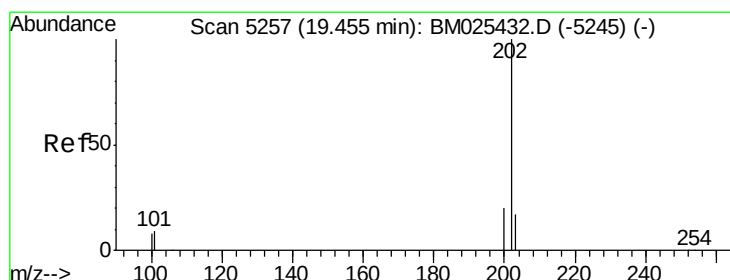
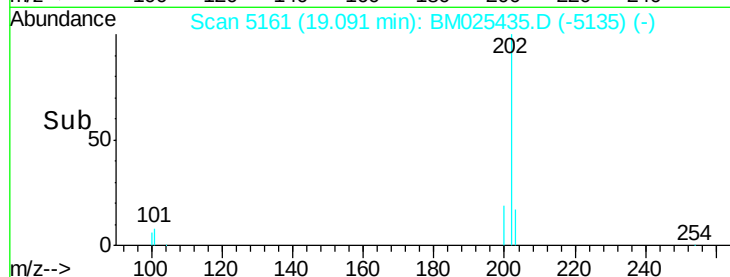
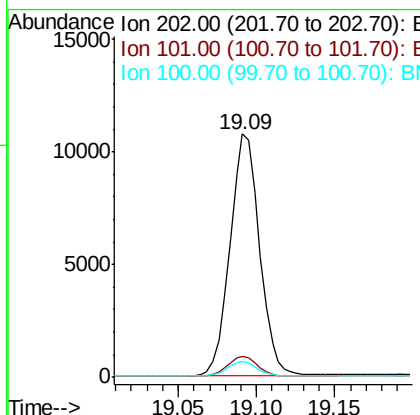
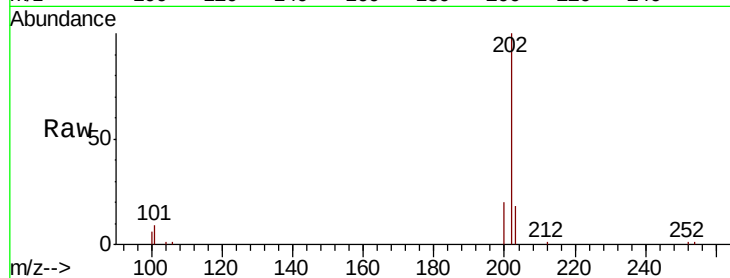
ClientSampleId :

DBDN7DL

Tot Ion:	202	Resp:	14089
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	27.5
100	6.3	0.0	26.0

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#17

Pyrene

Concen: 0.404 ng/ul

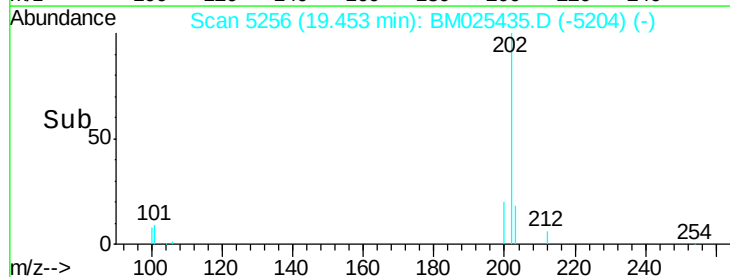
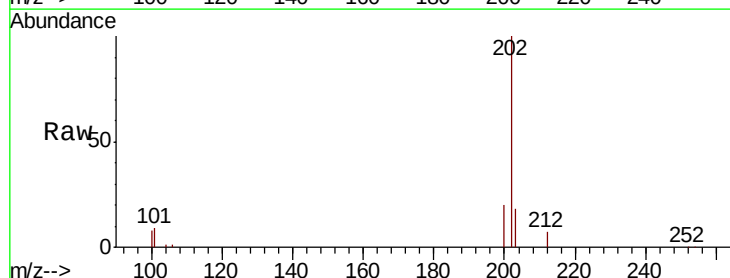
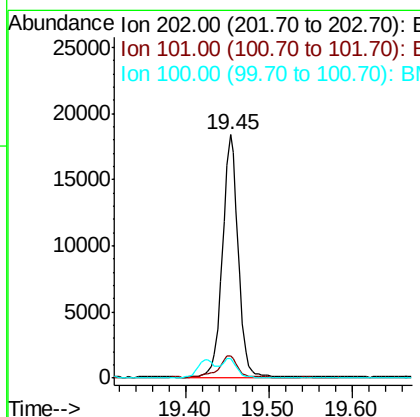
RT: 19.45 min Scan# 5256

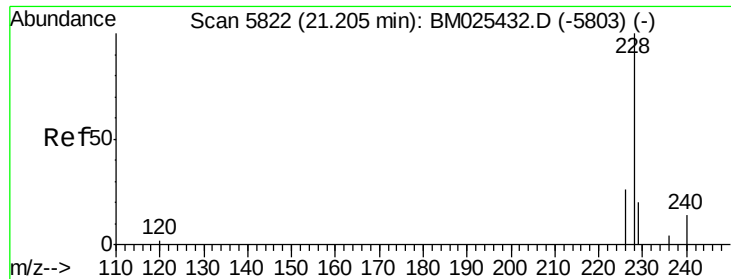
Delta R.T. -0.00 min

Lab File: BM025435.D

Acq: 10 Mar 2020 04:30

Tgt Ion:	202	Resp:	24449
Ion Ratio	Lower	Upper	
202	100		
101	9.3	7.1	10.7
100	8.0	6.0	9.0





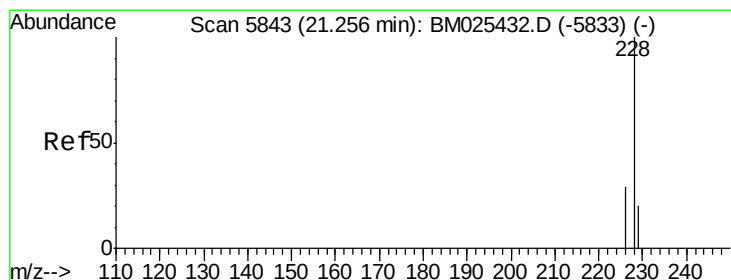
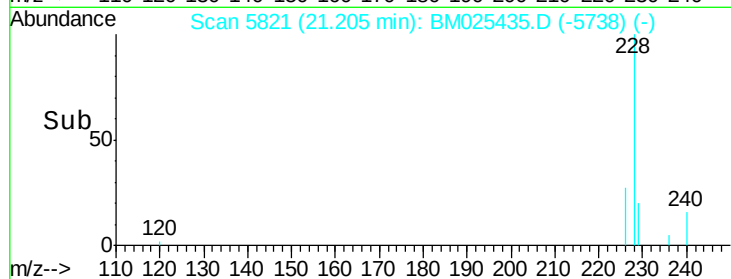
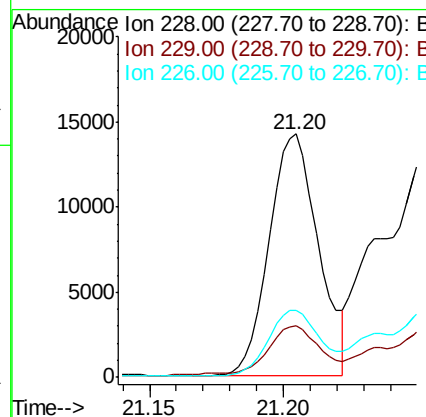
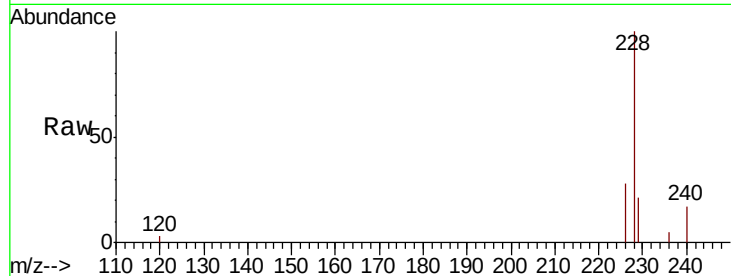
#18
Benzo(a)anthracene
Concen: 0.377 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.00 min
Lab File: BM025435.D
Acq: 10 Mar 2020 04:30

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.6	23.4
226	27.7	21.1	31.7

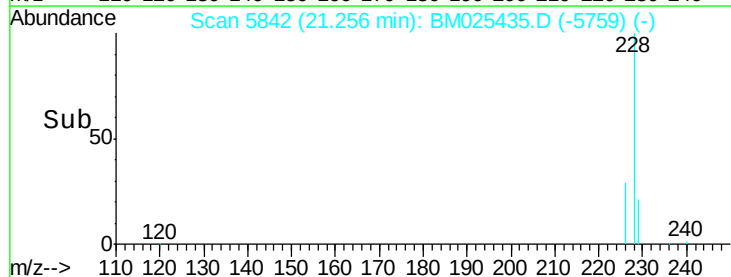
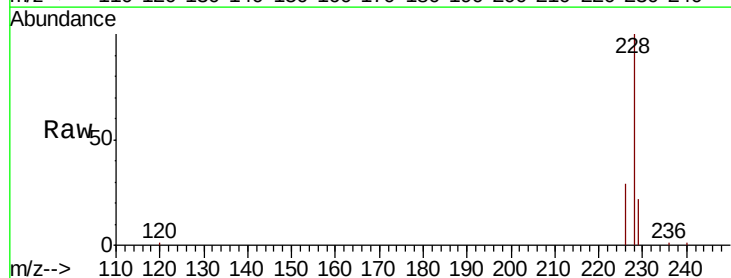
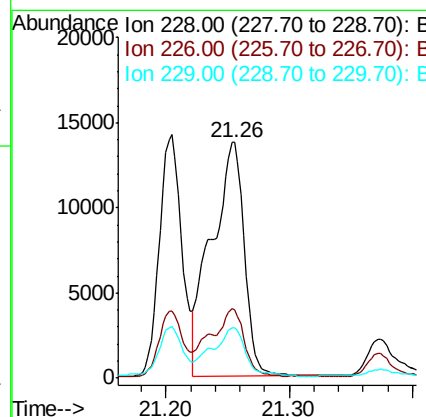
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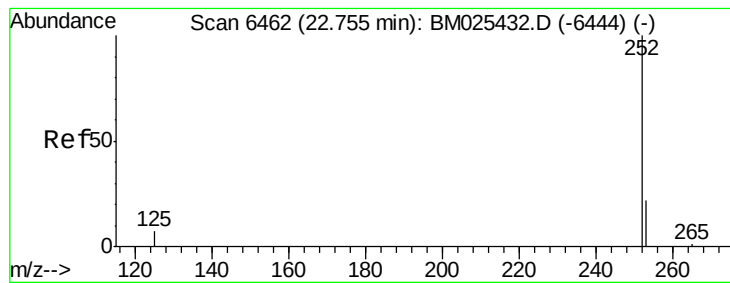
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#19
Chrysene
Concen: 0.468 ng/ul
RT: 21.26 min Scan# 5842
Delta R.T. -0.00 min
Lab File: BM025435.D
Acq: 10 Mar 2020 04:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.6	35.4
229	21.6	16.3	24.5





#21

Benzo(b)fluoranthene

Concen: 0.946 ng/ul m

RT: 22.75 min Scan# 6461

Delta R.T. -0.00 min

Lab File: BM025435.D

Acq: 10 Mar 2020 04:30

Instrument :

BNA_M

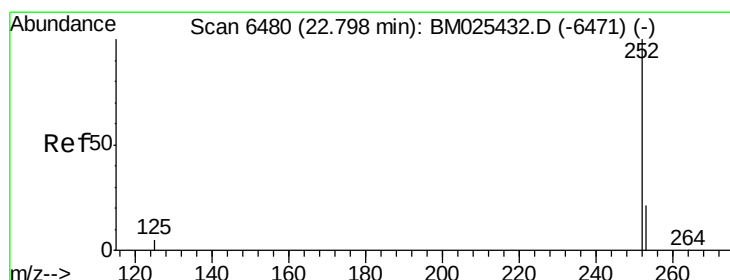
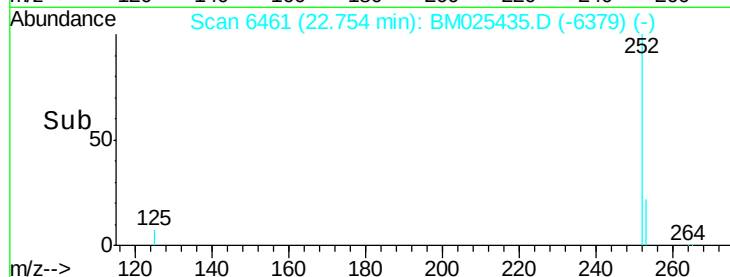
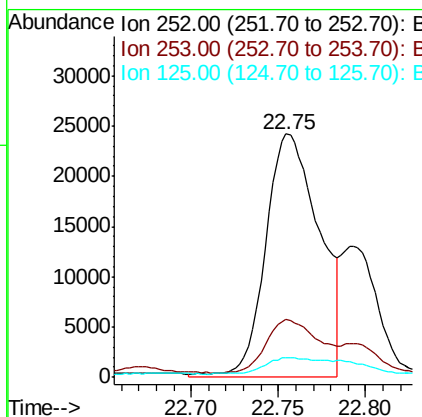
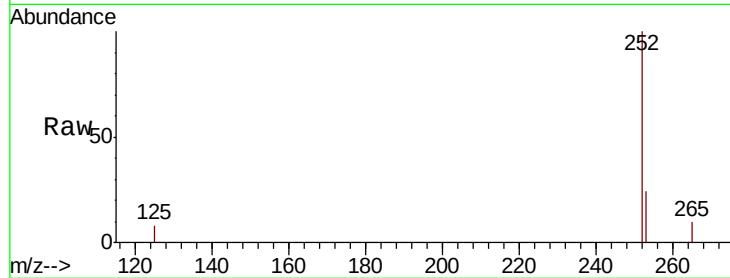
ClientSampleId :

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Tot Ion:	252	Resp:	51894
Ion Ratio	Lower	Upper	
252	100		
253	23.9	0.0	50.2
125	8.2	0.0	17.6

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#22

Benzo(k)fluoranthene

Concen: 0.348 ng/ul m

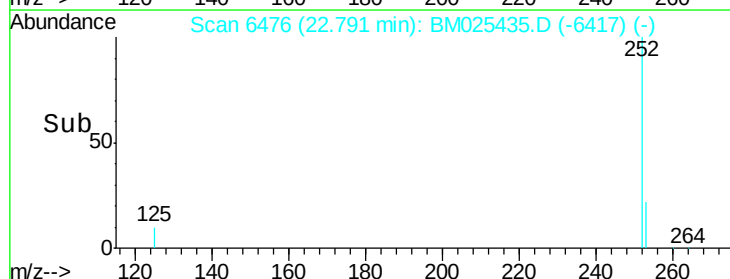
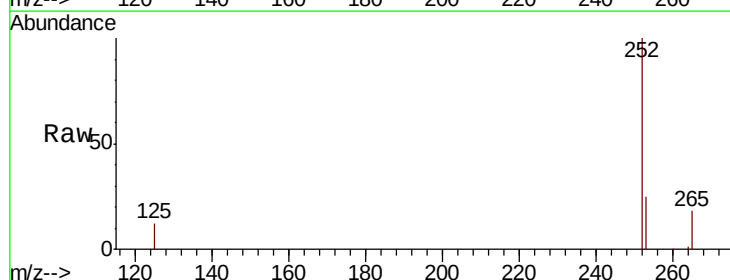
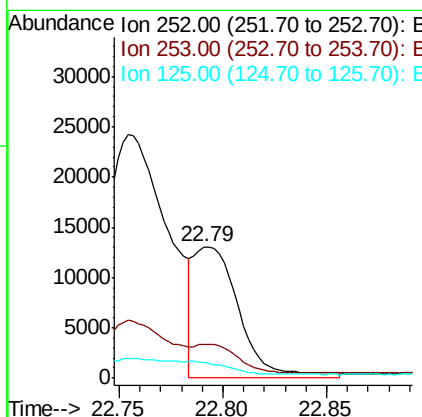
RT: 22.79 min Scan# 6476

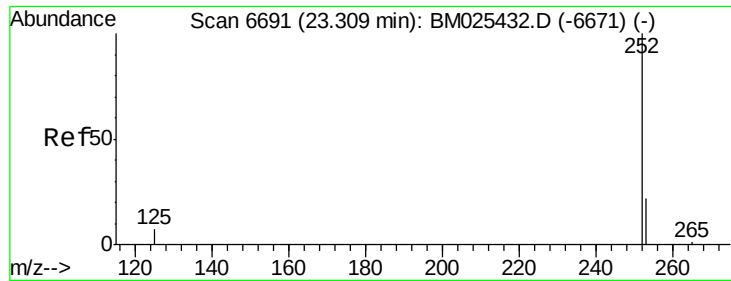
Delta R.T. -0.01 min

Lab File: BM025435.D

Acq: 10 Mar 2020 04:30

Tgt Ion:	252	Resp:	20040
Ion Ratio	Lower	Upper	
252	100		
253	25.3	19.8	29.8
125	12.2	7.1	10.7#





#23

Benzo(a)pyrene

Concen: 0.491 ng/ul

RT: 23.31 min Scan# 6689

Delta R.T. -0.00 min

Lab File: BM025435.D

Acq: 10 Mar 2020 04:30

Instrument :

BNA_M

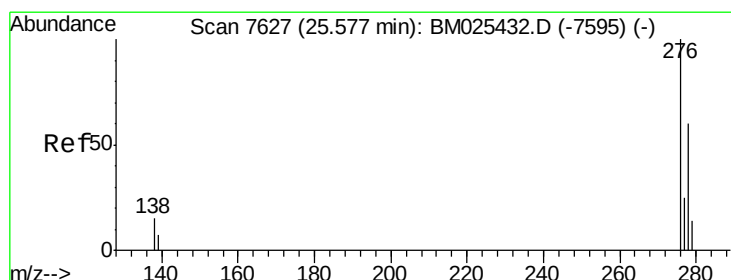
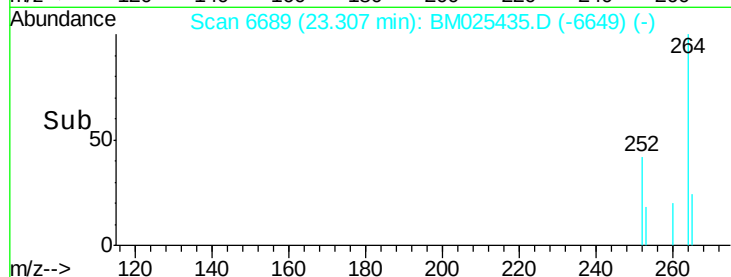
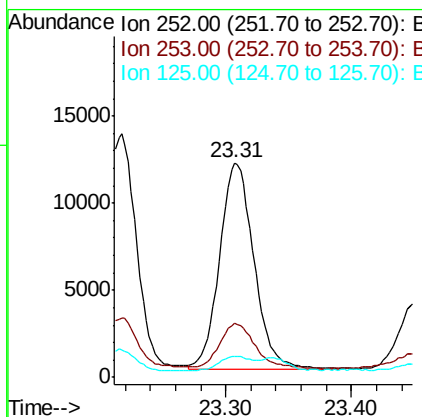
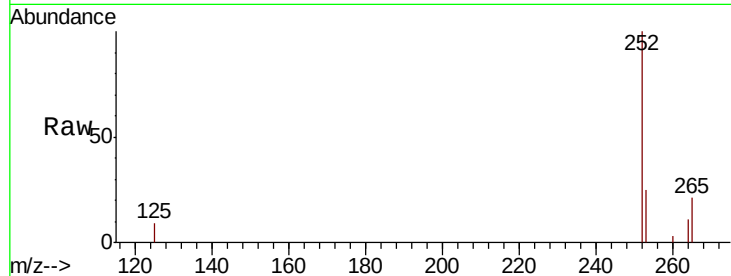
ClientSampleId :

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Tot Ion:	252	Resp:	22371
Ion Ratio	Lower	Upper	
252	100		
253	25.4	21.3	31.9
125	9.5	8.5	12.7

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.250 ng/ul

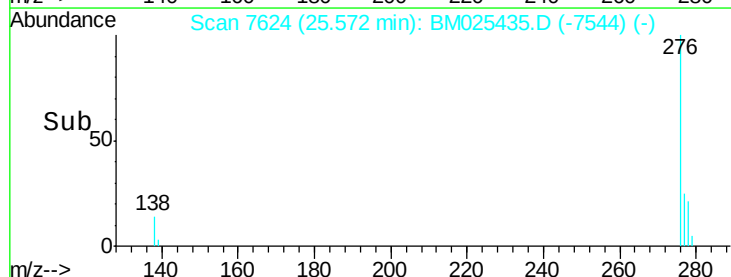
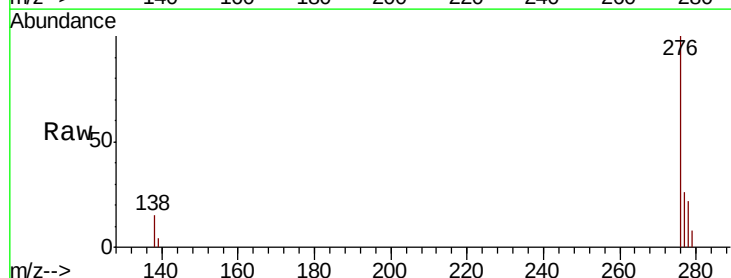
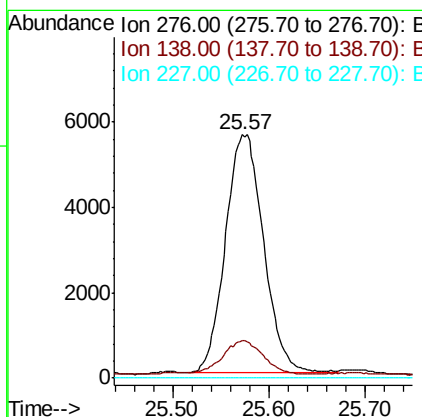
RT: 25.57 min Scan# 7624

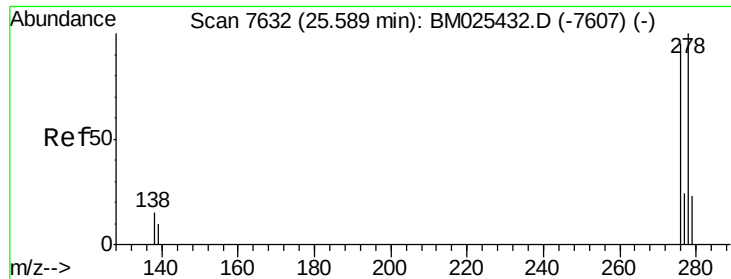
Delta R.T. -0.01 min

Lab File: BM025435.D

Acq: 10 Mar 2020 04:30

Tgt Ion:	276	Resp:	15451
Ion Ratio	Lower	Upper	
276	100		
138	14.8	12.3	18.5
227	0.0	0.0	0.0





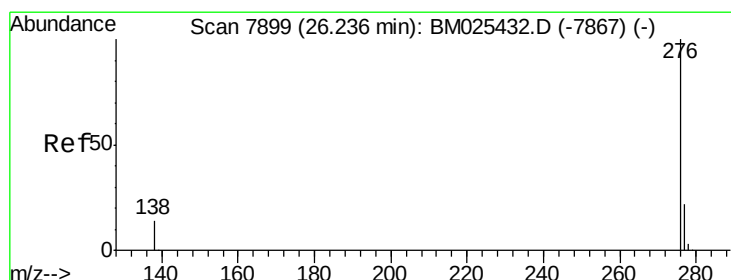
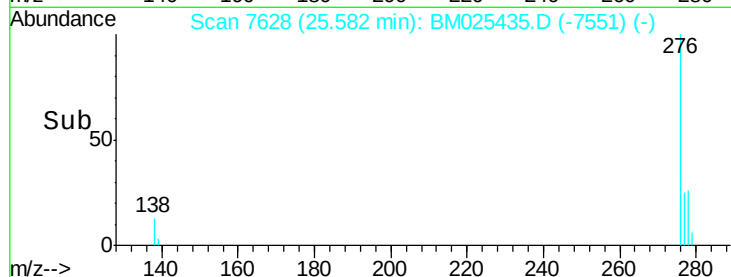
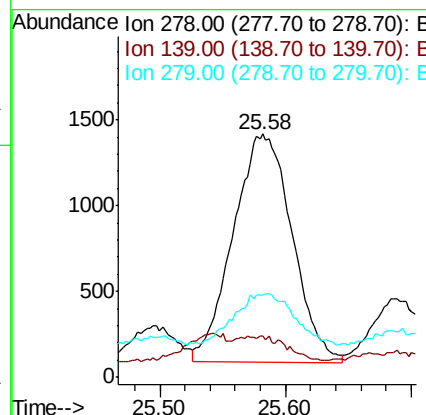
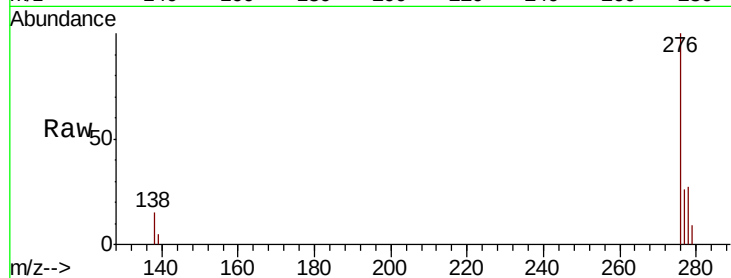
#25
Dibenzo(a,h)anthracene
Concen: 0.083 ng/ul
RT: 25.58 min Scan# 7628
Delta R.T. -0.01 min
Lab File: BM025435.D
Acq: 10 Mar 2020 04:30

Instrument :
BNA_M
ClientSampleId :
DBDN7DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	9.0	13.6#
279	33.8	21.1	31.7#

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#26
Benzo(g,h,i)perylene
Concen: 0.201 ng/ul
RT: 26.24 min Scan# 7898
Delta R.T. -0.00 min
Lab File: BM025435.D
Acq: 10 Mar 2020 04:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.8	11.0	16.4
277	24.6	19.8	29.6

