

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025309.D
 Acq On : 06 Mar 2020 09:47
 Operator : CG/JU
 Sample : L1568-08DL 5X
 Misc :
 ALS Vial : 107 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDB1DL

Manual Integrations
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Quant Time: Mar 06 11:37:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 08:02:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3717	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	15671	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	11149	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	26791	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	25376	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	23622	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	1505	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	4630	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.49	128	3400	0.072	ng/ul#	87
8) Acenaphthene	14.36	153	20887	0.516	ng/ul	99
9) Fluorene	15.35	166	23185	0.457	ng/ul	96
12) Phenanthrene	17.08	178	15947	0.185	ng/ul	96
13) Anthracene	17.17	178	4119	0.054	ng/ul	97
15) Fluoranthene	19.10	202	15051	0.139	ng/ul	96
17) Pyrene	19.46	202	16191	0.168	ng/ul	97
18) Benzo(a)anthracene	21.22	228	6581	0.071	ng/ul	98
19) Chrysene	21.27	228	9012	0.088	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	9575m	0.101	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	4257m	0.043	ng/ul	
23) Benzo(a)pyrene	23.33	252	4659	0.059	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.60	276	3081	0.031	ng/ul#	100
26) Benzo(g,h,i)perylene	26.26	276	2127	0.025	ng/ul#	89

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

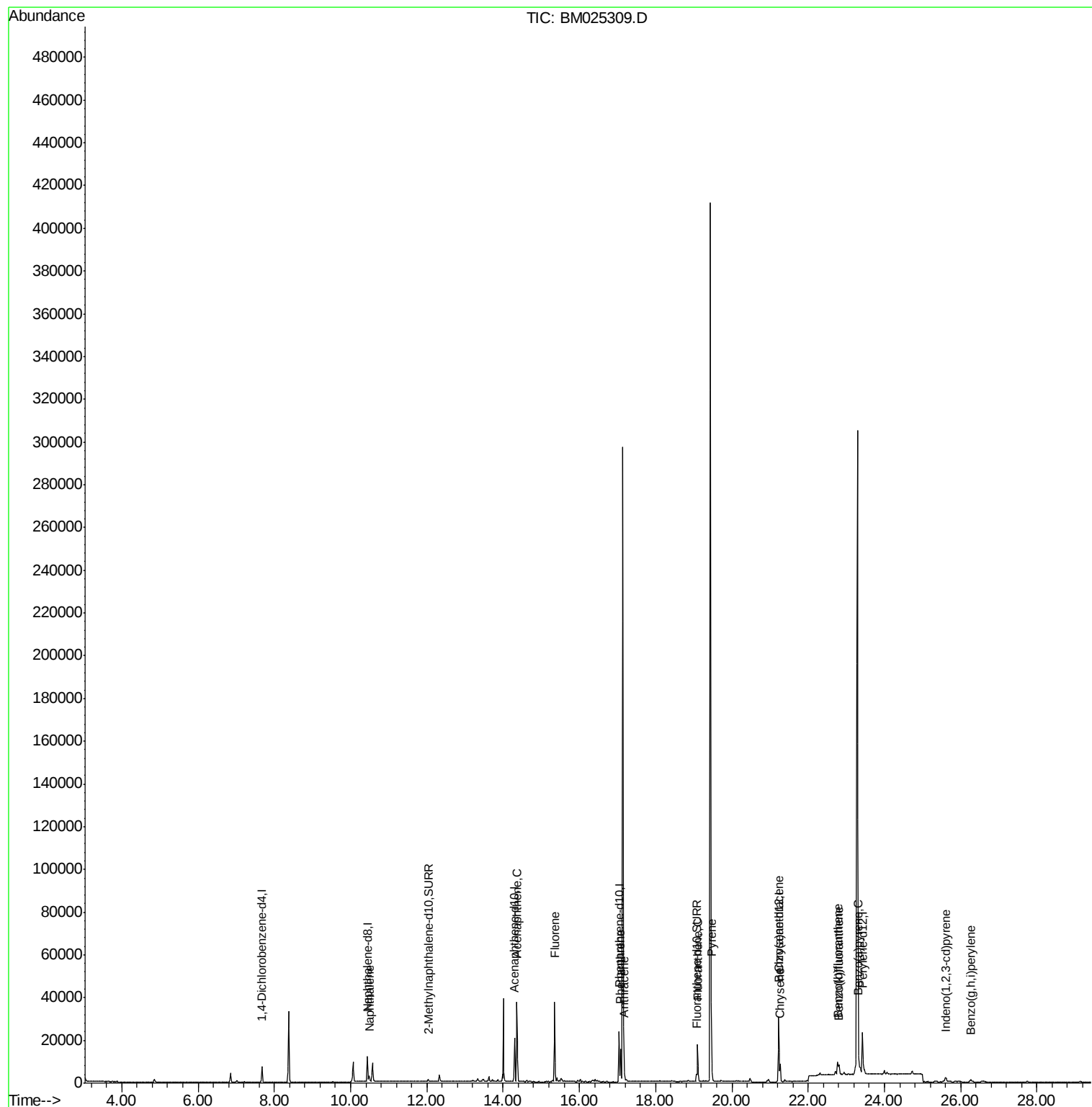
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
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Misc :
ALS Vial : 107 Sample Multiplier: 1

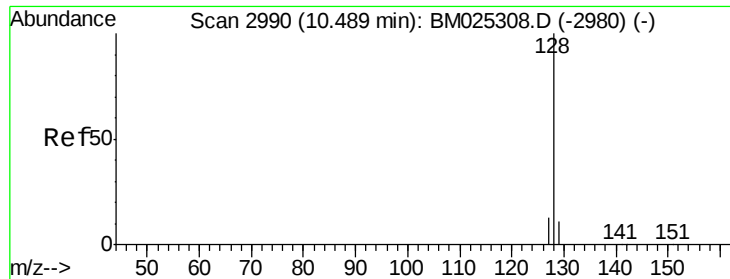
Instrument :
BNA_M
ClientSampleId :
DBDB1DL

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Quant Time: Mar 06 11:37:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.072 ng/ul

RT: 10.49 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BM025309.D

Acq: 06 Mar 2020 09:47

Instrument :

BNA_M

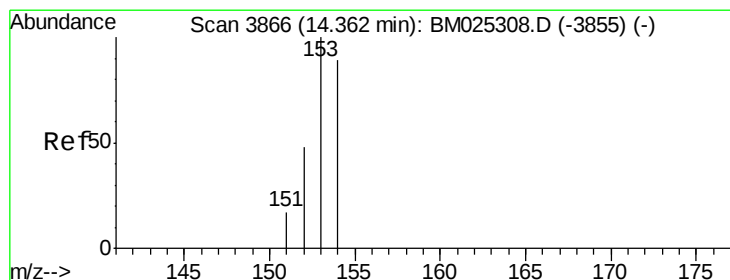
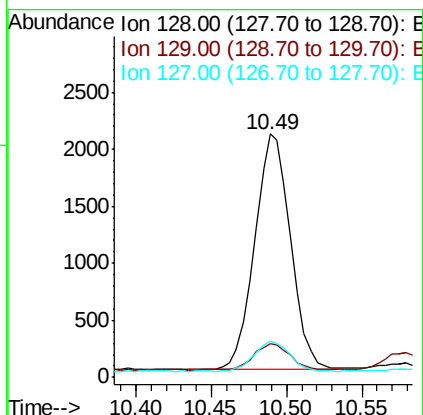
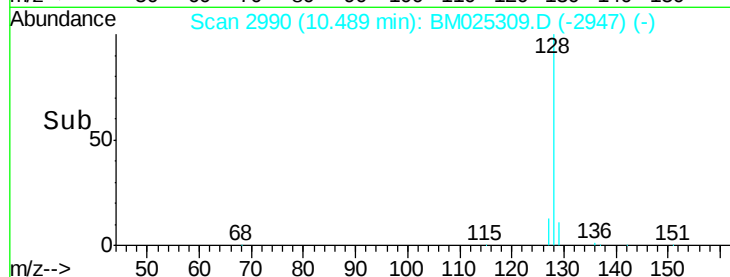
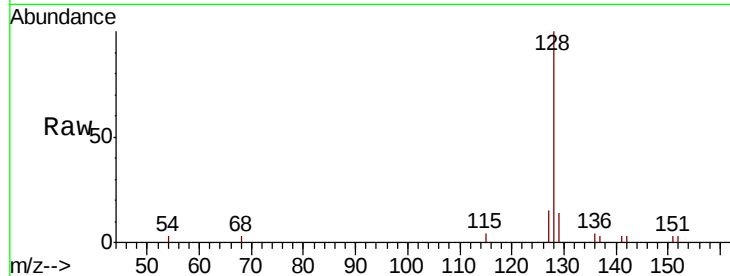
ClientSampleId :

DBDB1DL

Tot Ion:	128	Resp:	3400
Ion Ratio	Lower	Upper	
128	100		
129	13.7	17.0	25.6#
127	15.1	15.7	23.5#

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#8

Acenaphthene

Concen: 0.516 ng/ul

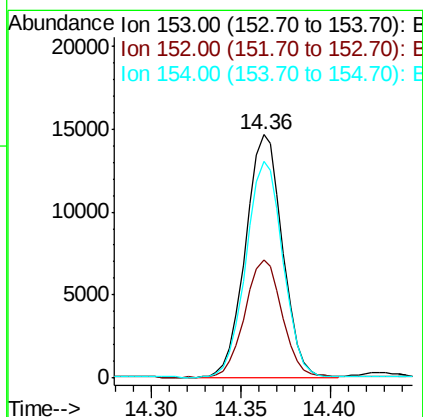
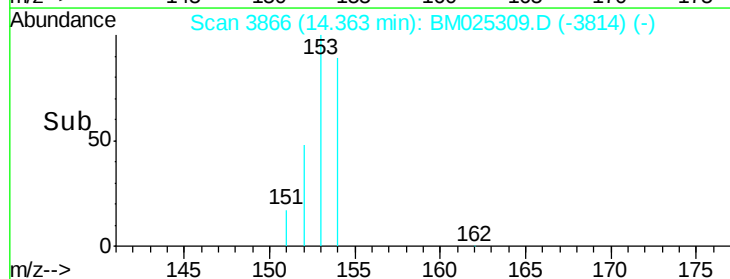
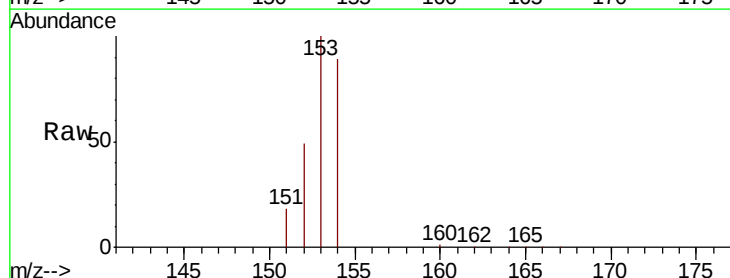
RT: 14.36 min Scan# 3866

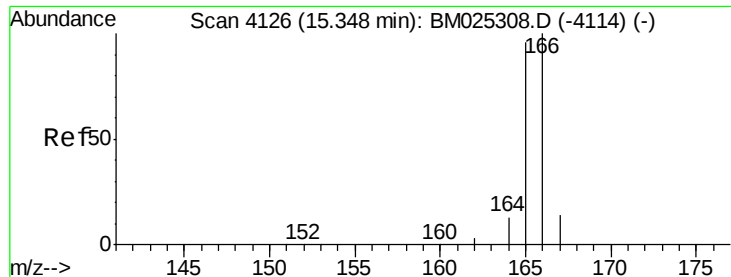
Delta R.T. -0.00 min

Lab File: BM025309.D

Acq: 06 Mar 2020 09:47

Tgt Ion:	153	Resp:	20887
Ion Ratio	Lower	Upper	
153	100		
152	48.6	40.0	60.0
154	89.1	71.0	106.6





#9

Fluorene

Concen: 0.457 ng/ul

RT: 15.35 min Scan# 4127

Delta R.T. -0.00 min

Lab File: BM025309.D

Acq: 06 Mar 2020 09:47

Instrument :

BNA_M

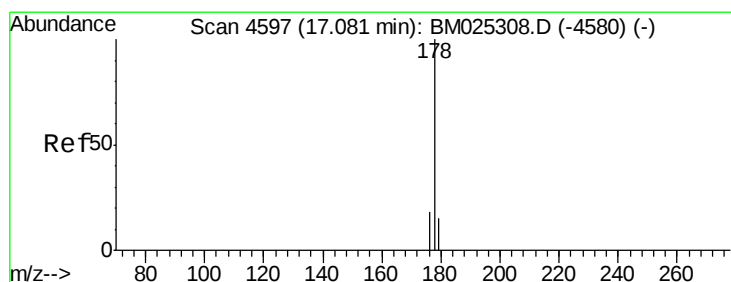
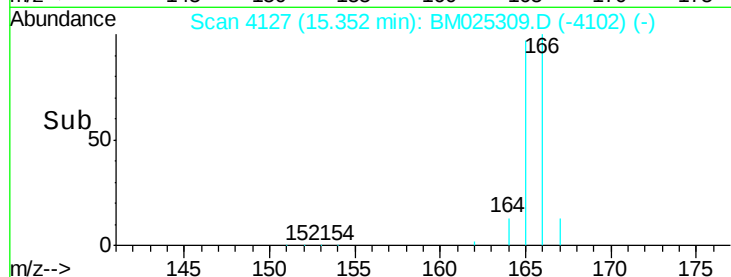
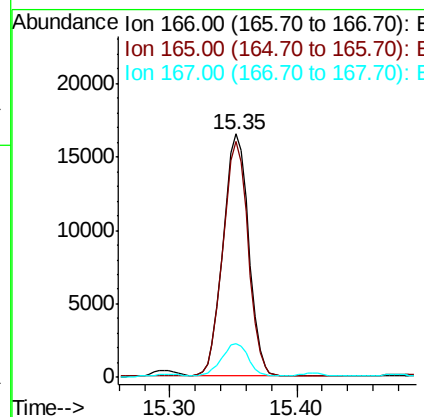
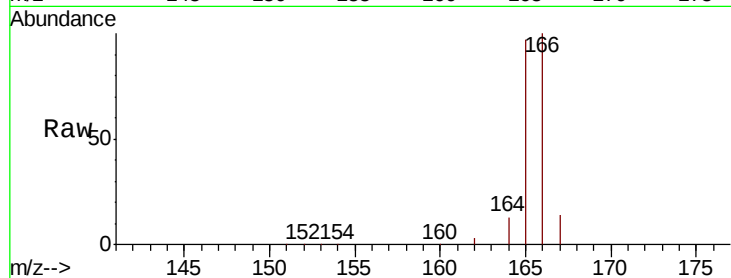
ClientSampleId :

DBDB1DL

Tot Ion:	166	Resp:	23185
Ion Ratio	Lower	Upper	
166	100		
165	97.1	80.0	120.0
167	13.7	13.7	20.5

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#12

Phenanthrene

Concen: 0.185 ng/ul

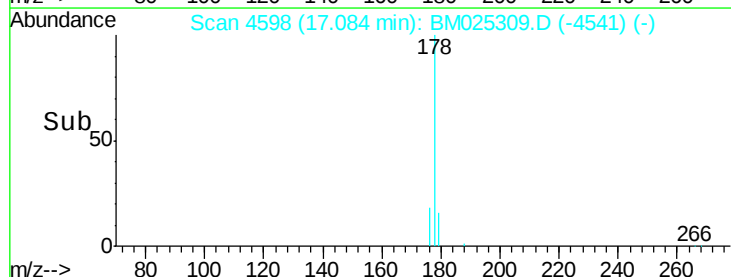
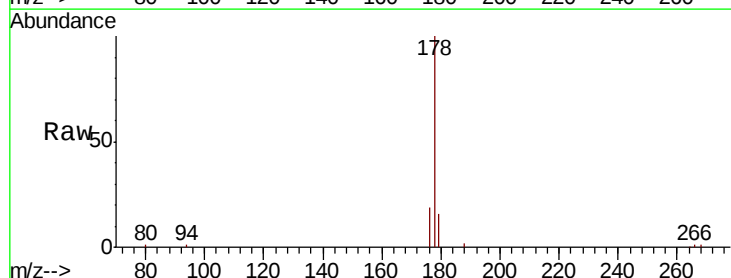
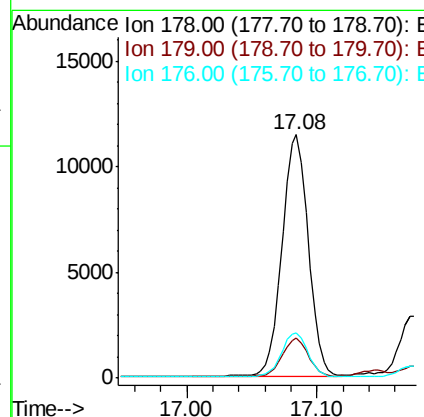
RT: 17.08 min Scan# 4598

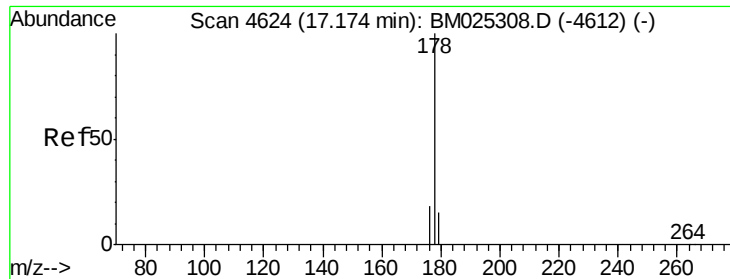
Delta R.T. -0.00 min

Lab File: BM025309.D

Acq: 06 Mar 2020 09:47

Tgt Ion:	178	Resp:	15947
Ion Ratio	Lower	Upper	
178	100		
179	16.2	14.0	21.0
176	18.5	16.6	24.8





#13

Anthracene

Concen: 0.054 ng/ul

RT: 17.17 min Scan# 4624

Delta R.T. -0.00 min

Lab File: BM025309.D

Acq: 06 Mar 2020 09:47

Instrument :

BNA_M

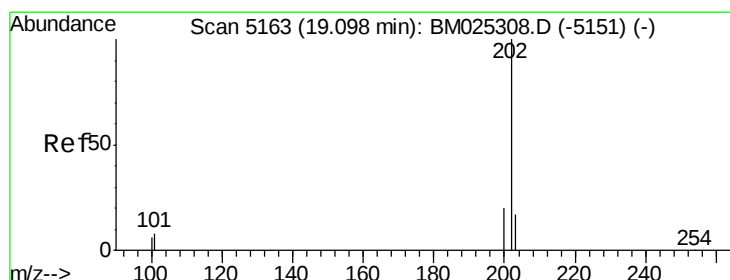
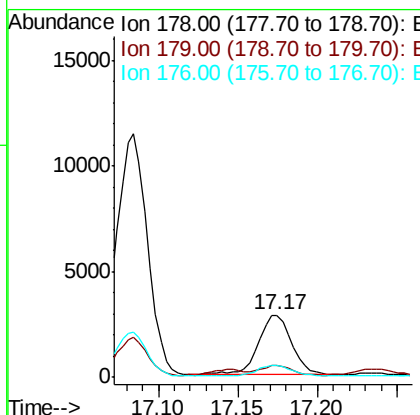
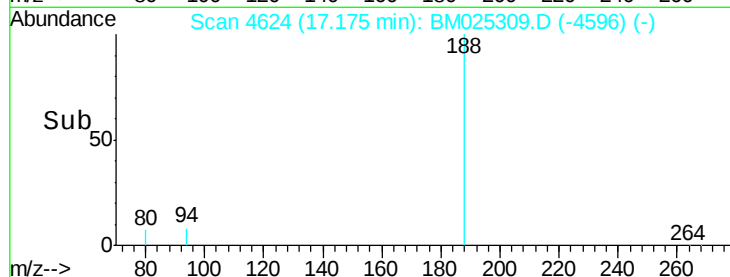
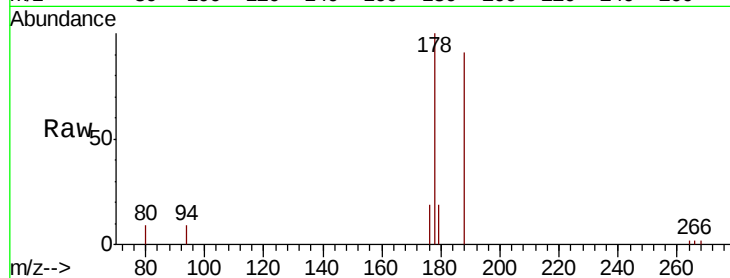
ClientSampleID :

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Tot Ion:	178	Resp:	4119
Ion	Ratio	Lower	Upper
178	100		
179	18.8	14.1	21.1
176	19.3	16.2	24.4

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#15

Fluoranthene

Concen: 0.139 ng/ul

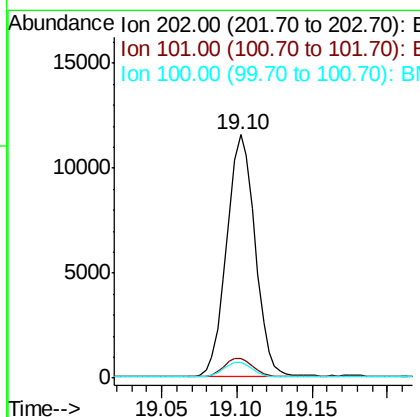
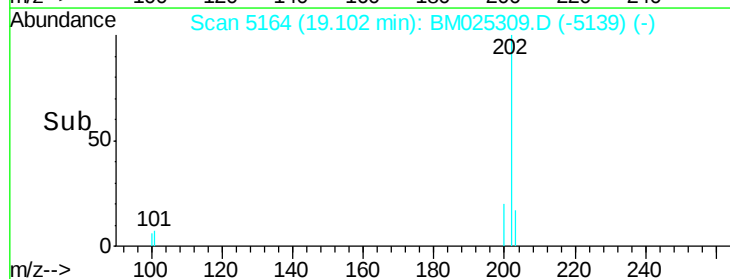
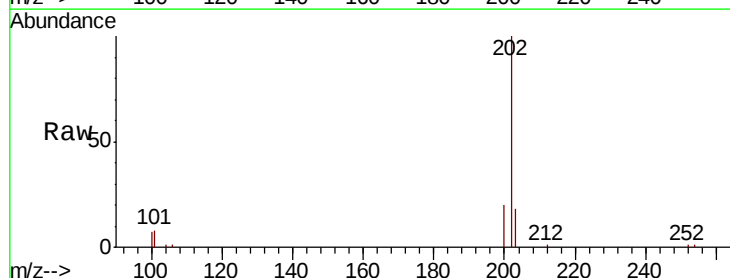
RT: 19.10 min Scan# 5164

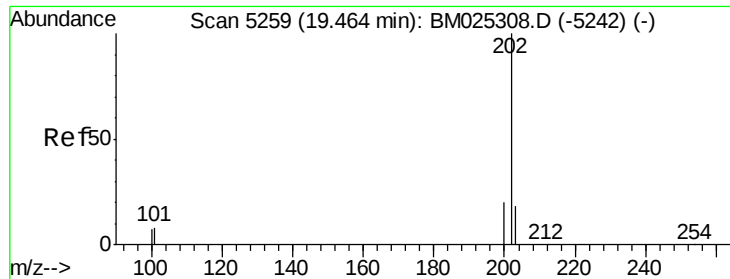
Delta R.T. -0.00 min

Lab File: BM025309.D

Acq: 06 Mar 2020 09:47

Tgt Ion:	202	Resp:	15051
Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	29.4
100	6.6	0.0	28.0





#17

Pvrene

Concen: 0.168 ng/ul

RT: 19.46 min Scan# 5259

Delta R.T. -0.00 min

Lab File: BM025309.D

Acq: 06 Mar 2020 09:47

Instrument :

BNA_M

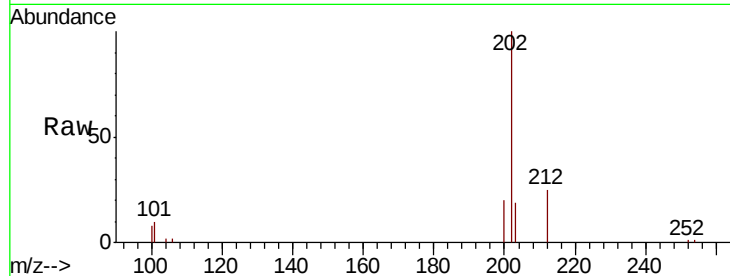
ClientSampleId :

DBDB1DL

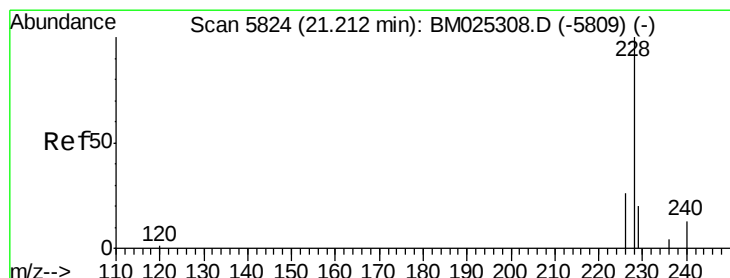
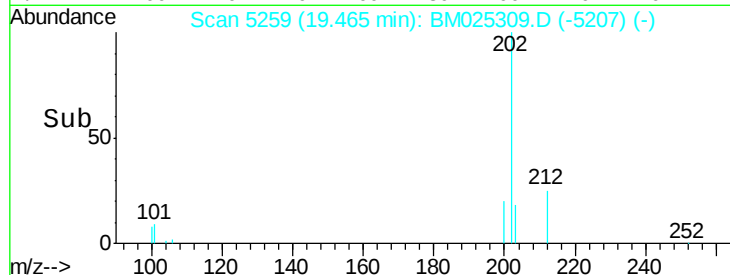
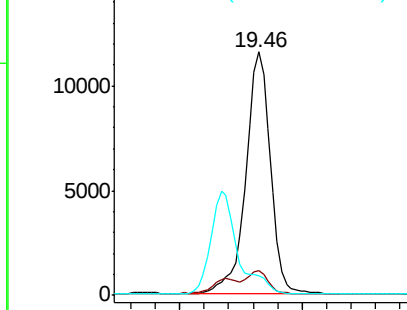
Tot Ion:	202	Resp:	16191
Ion Ratio	Lower	Upper	
202	100		
101	10.0	8.7	13.1
100	8.1	7.3	10.9

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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



#18

Benzo(a)anthracene

Concen: 0.071 ng/ul

RT: 21.22 min Scan# 5826

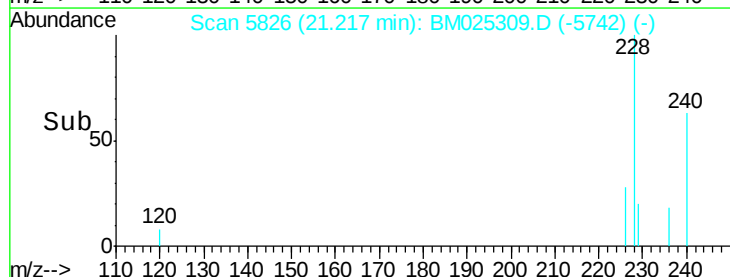
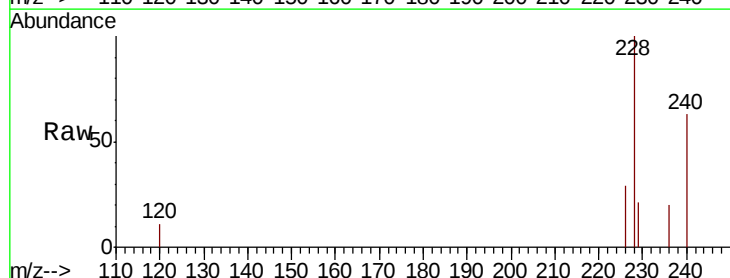
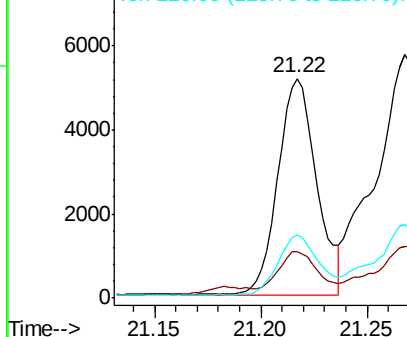
Delta R.T. 0.00 min

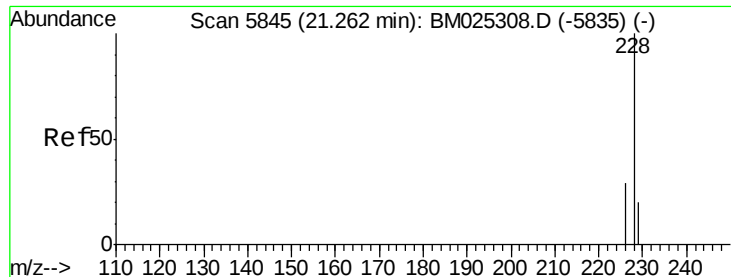
Lab File: BM025309.D

Acq: 06 Mar 2020 09:47

Tgt Ion:	228	Resp:	6581
Ion Ratio	Lower	Upper	
228	100		
229	21.3	16.6	25.0
226	28.7	21.9	32.9

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





#19

Chrysene

Concen: 0.088 ng/ul

RT: 21.27 min Scan# 5847

Delta R.T. 0.00 min

Lab File: BM025309.D

Acq: 06 Mar 2020 09:47

Instrument :

BNA_M

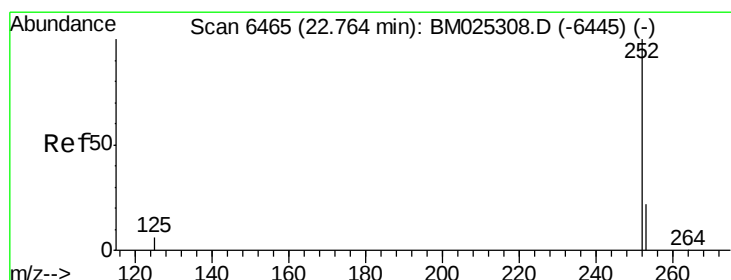
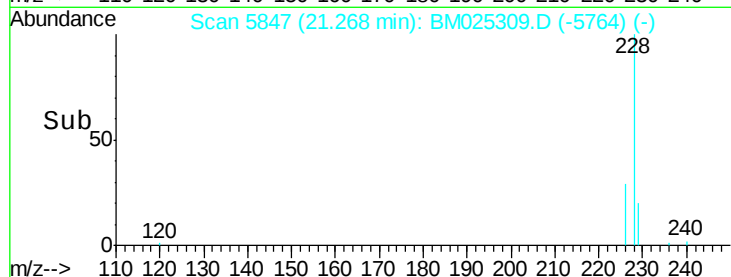
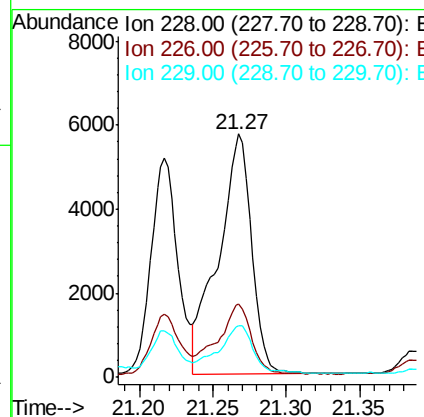
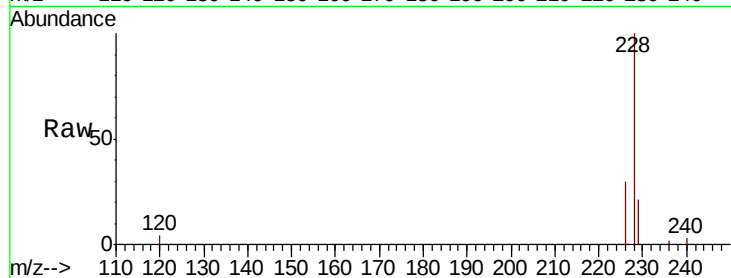
ClientSampleID :

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Tot Ion:	228	Resp:	9012
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.8	35.8
229	21.4	16.9	25.3

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#21

Benzo(b)fluoranthene

Concen: 0.101 ng/ul m

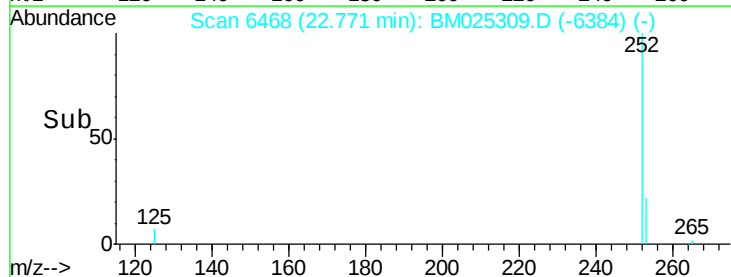
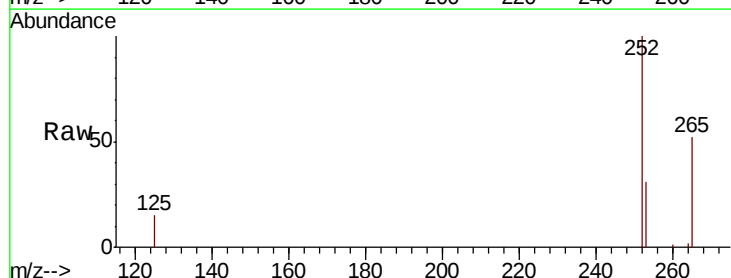
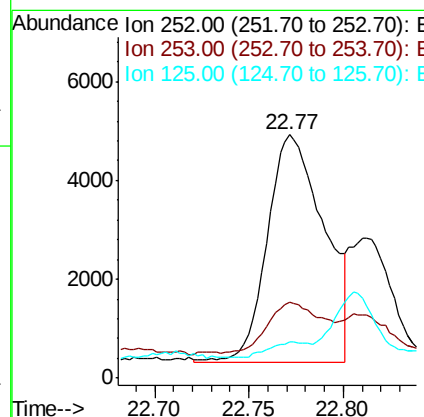
RT: 22.77 min Scan# 6468

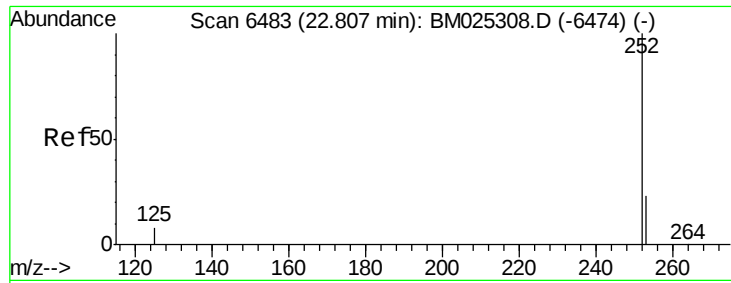
Delta R.T. 0.00 min

Lab File: BM025309.D

Acq: 06 Mar 2020 09:47

Tgt Ion:	252	Resp:	9575
Ion Ratio	Lower	Upper	
252	100		
253	31.1	0.0	49.8
125	14.7	0.0	28.6





#22

Benzo(k)fluoranthene

Concen: 0.043 ng/ul

RT: 22.81 min Scan# 6484

Delta R.T. -0.00 min

Lab File: BM025309.D

Acq: 06 Mar 2020 09:47

Instrument :

BNA_M

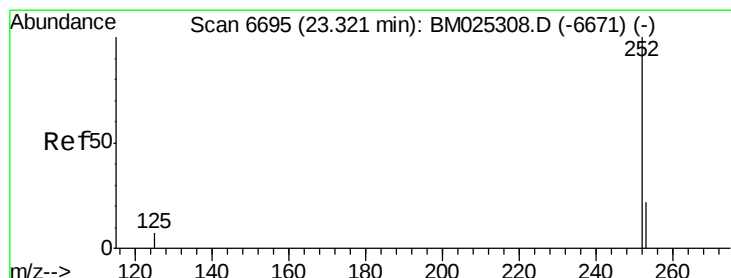
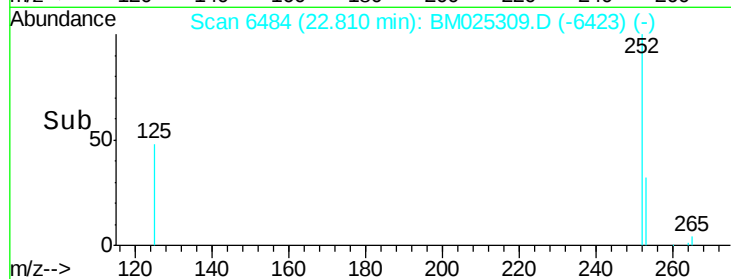
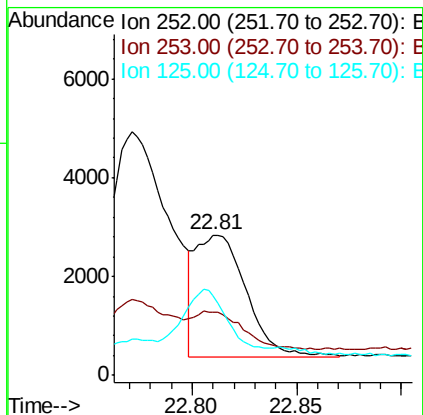
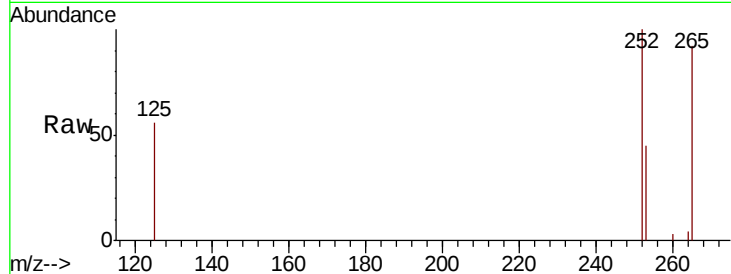
ClientSampleId :

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Tot Ion:	252	Resp:	4257
Ion Ratio	Lower	Upper	
252	100		
253	45.3	19.4	29.0#
125	56.4	10.7	16.1#

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#23

Benzo(a)pyrene

Concen: 0.059 ng/ul

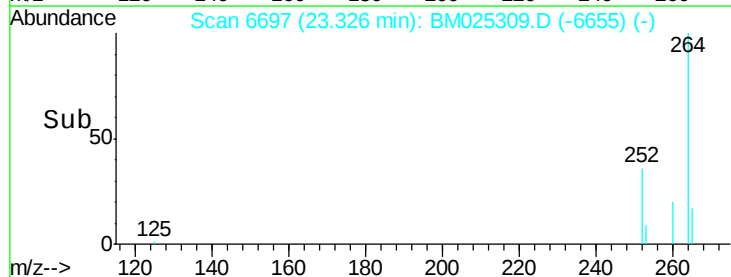
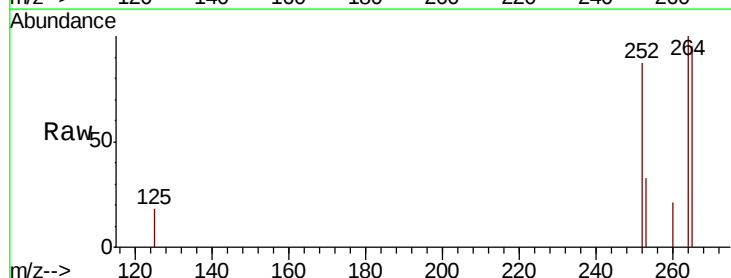
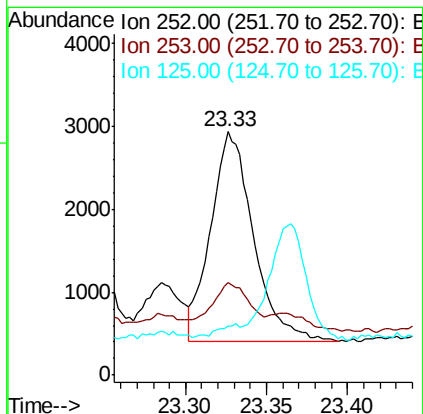
RT: 23.33 min Scan# 6697

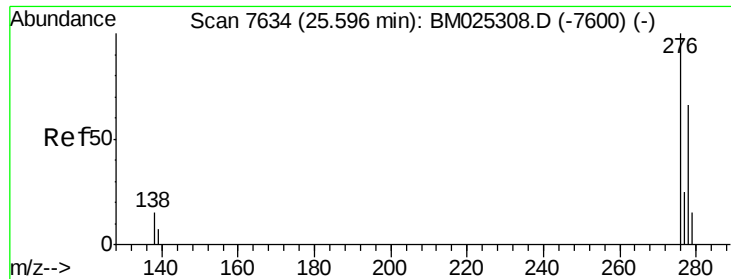
Delta R.T. 0.00 min

Lab File: BM025309.D

Acq: 06 Mar 2020 09:47

Tgt Ion:	252	Resp:	4659
Ion Ratio	Lower	Upper	
252	100		
253	37.9	20.3	30.5#
125	20.3	13.0	19.4#





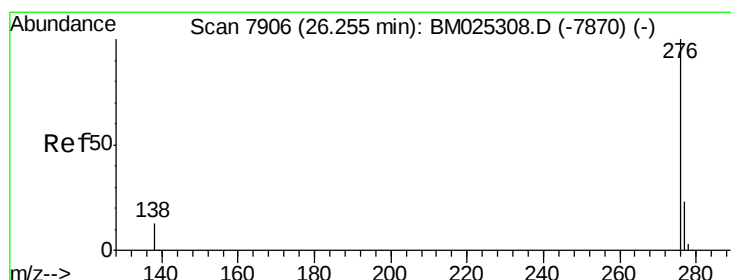
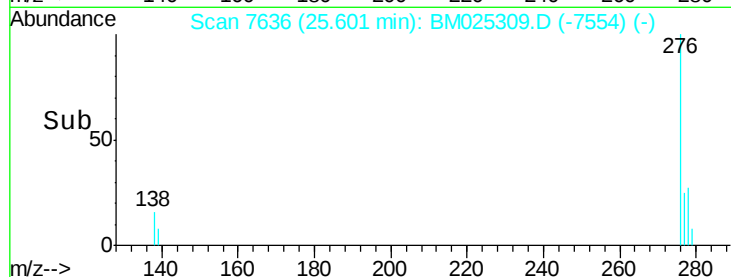
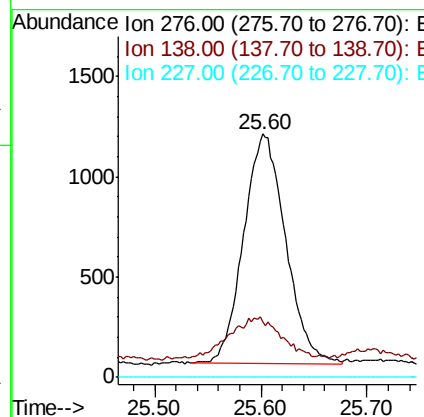
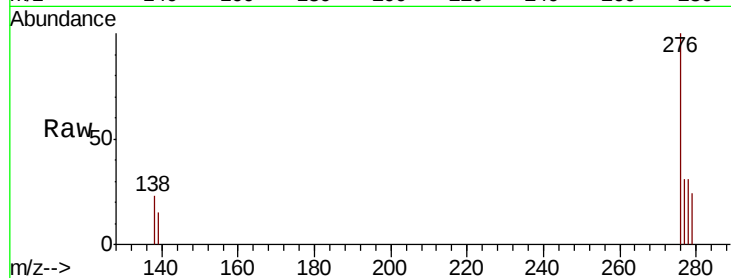
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng/ul
RT: 25.60 min Scan# 7636
Delta R.T. -0.00 min
Lab File: BM025309.D
Acq: 06 Mar 2020 09:47

Instrument :
BNA_M
ClientSampleId :
DBDB1DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	3081		
138	21.9	0.0	0.0	0.0
227	0.0	0.0	0.0	0.0

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#26
Benzo(g,h,i)perylene
Concen: 0.025 ng/ul
RT: 26.26 min Scan# 7909
Delta R.T. 0.00 min
Lab File: BM025309.D
Acq: 06 Mar 2020 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	2127		
138	24.4	17.9	26.9	
277	34.0	20.5	30.7	

