

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
 Data File : BM025322.D
 Acq On : 06 Mar 2020 21:18
 Operator : CG/JU
 Sample : L1612-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDL8

Manual Integrations
 APPROVED

mohammad
 3/9/2020 3:00:17 PM

Quant Time: Mar 07 01:07:49 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 : Sat Mar 07 00:01:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4162	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	18811	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	13677	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	32223	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	30479	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	26855	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	3999	0.11	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	12336	0.12	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.02	152	4718	0.074	ng/ul	97
8) Acenaphthene	14.36	153	1114	0.022	ng/ul	98
9) Fluorene	15.35	166	1296	0.021	ng/ul	97
12) Phenanthrene	17.08	178	7306	0.070	ng/ul	99
13) Anthracene	17.17	178	24056	0.261	ng/ul	95
15) Fluoranthene	19.10	202	54834	0.422	ng/ul	97
17) Pyrene	19.46	202	91335	0.790	ng/ul	98
18) Benzo(a)anthracene	21.21	228	60782	0.543	ng/ul	100
19) Chrysene	21.26	228	73173m	0.594	ng/ul	
21) Benzo(b)fluoranthene	22.77	252	133590m	1.243	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	50907m	0.452	ng/ul	
23) Benzo(a)pyrene	23.32	252	49091	0.544	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.59	276	26779	0.238	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	7862	0.084	ng/ul	93
26) Benzo(g,h,i)perylene	26.26	276	13692	0.143	ng/ul	95

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

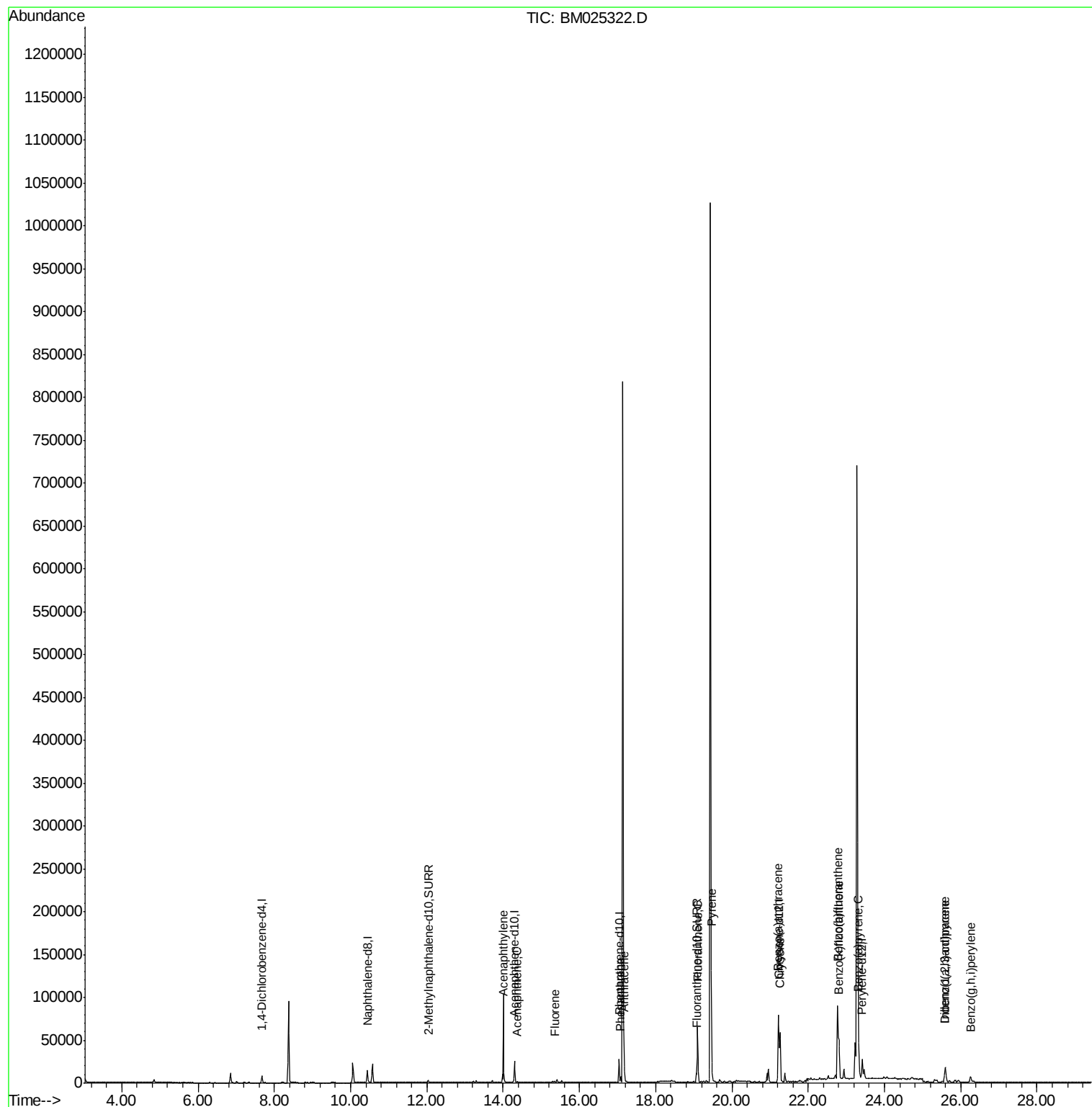
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
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ALS Vial : 9 Sample Multiplier: 1

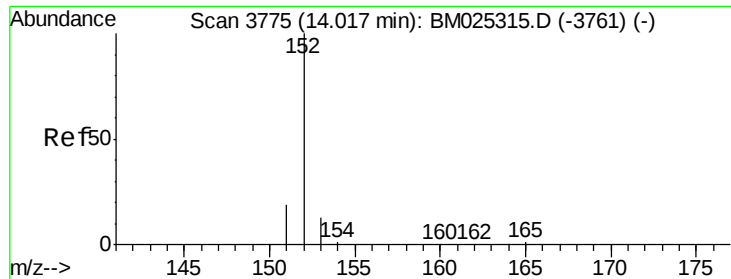
Instrument :
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Quant Time: Mar 07 01:07:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 07 00:01:42 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.074 ng/ul

RT: 14.02 min Scan# 3775

Delta R.T. -0.01 min

Lab File: BM025322.D

Acq: 06 Mar 2020 21:18

Instrument :

BNA_M

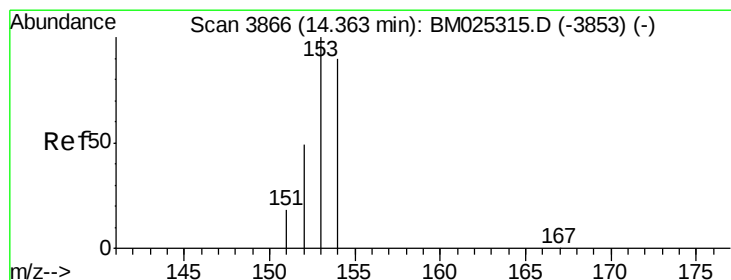
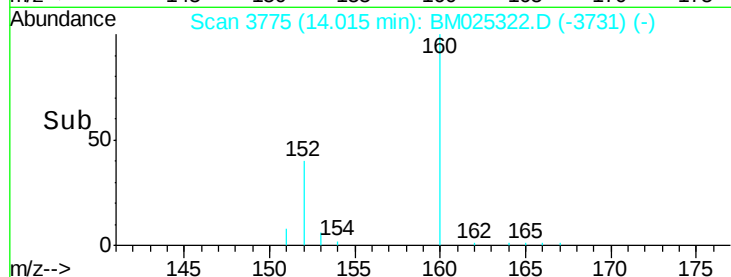
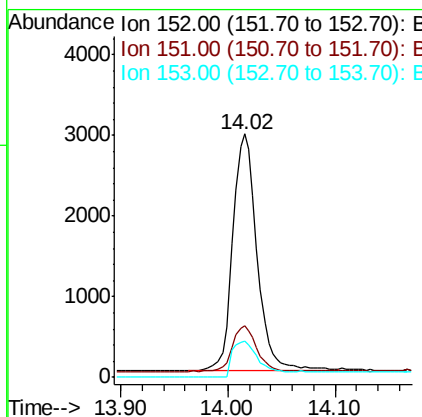
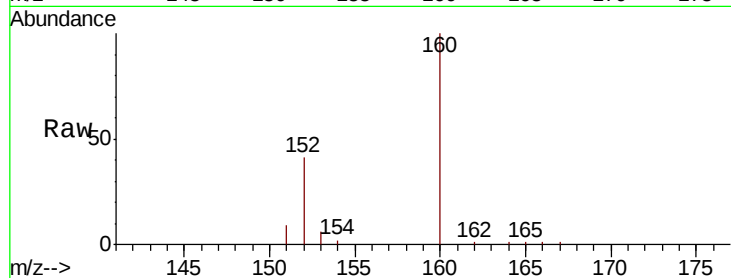
ClientSampleId :

DBDL8

Tot Ion:	152	Resp:	4718
Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.8	26.8
153	15.0	13.3	19.9

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#8

Acenaphthene

Concen: 0.022 ng/ul

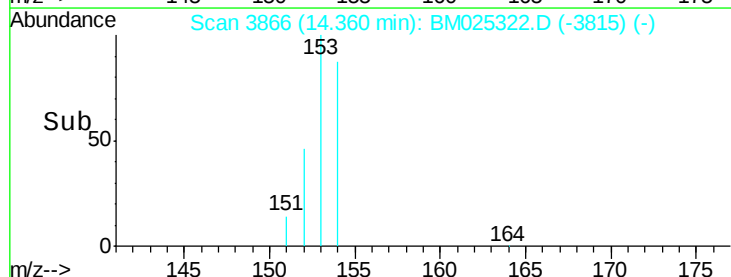
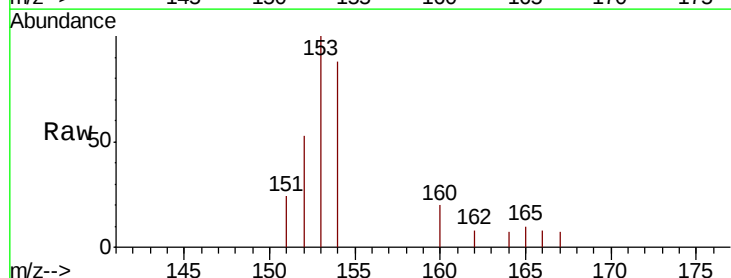
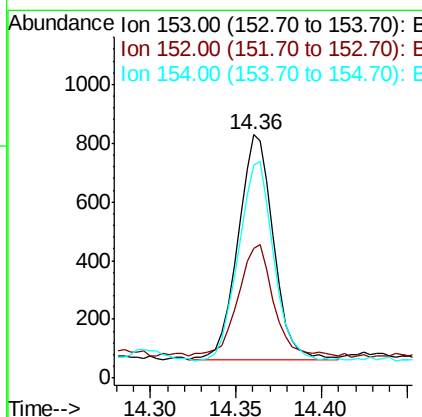
RT: 14.36 min Scan# 3866

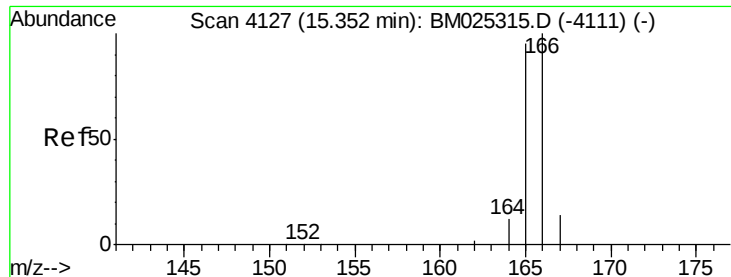
Delta R.T. -0.01 min

Lab File: BM025322.D

Acq: 06 Mar 2020 21:18

Tgt Ion:	153	Resp:	1114
Ion	Ratio	Lower	Upper
153	100		
152	53.3	40.0	60.0
154	87.7	71.0	106.6





#9

Fluorene

Concen: 0.021 ng/ul

RT: 15.35 min Scan# 4127

Delta R.T. -0.01 min

Lab File: BM025322.D

Acq: 06 Mar 2020 21:18

Instrument :

BNA_M

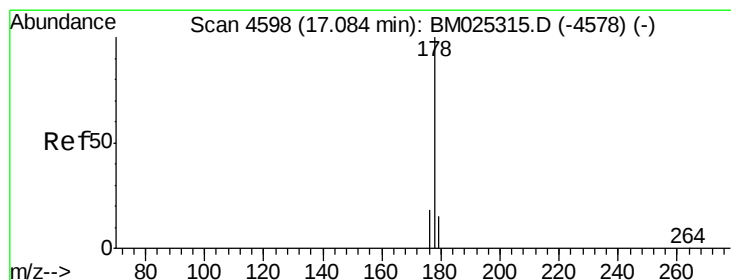
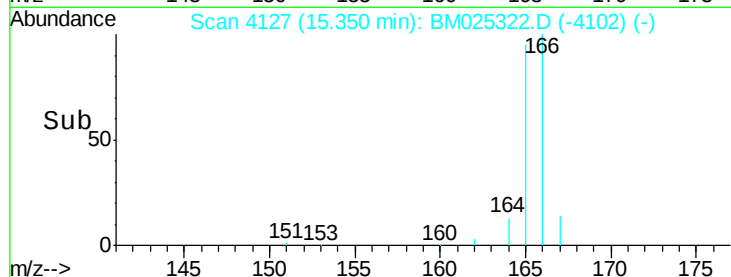
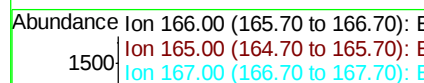
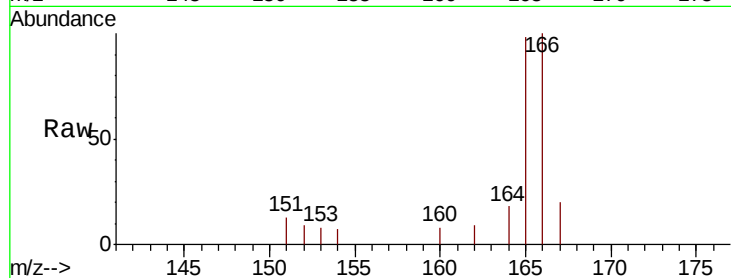
ClientSampled :

DBDL8

Tot Ion:	166	Resp:	1296
Ion	Ratio	Lower	Upper
166	100		
165	97.6	80.0	120.0
167	20.5	13.7	20.5

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#12

Phenanthrene

Concen: 0.070 ng/ul

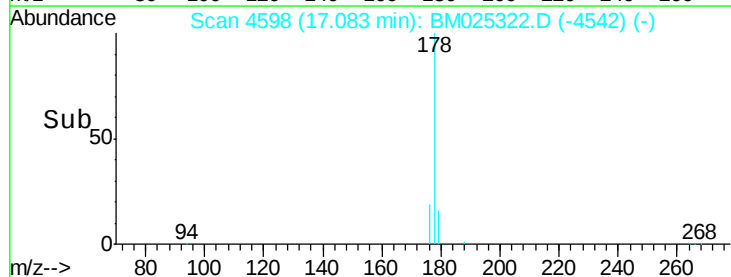
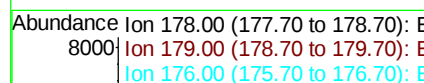
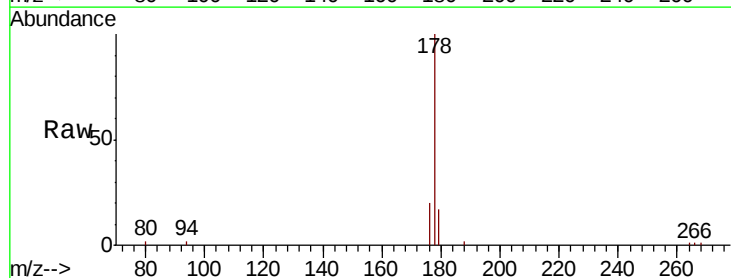
RT: 17.08 min Scan# 4598

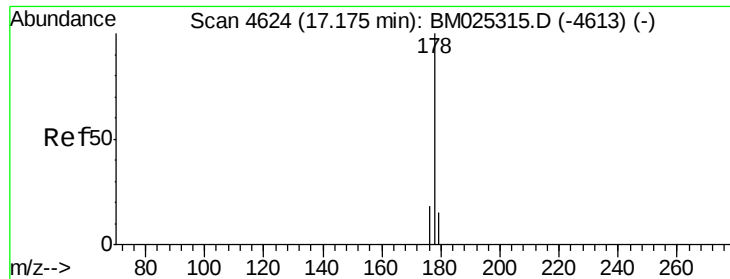
Delta R.T. -0.01 min

Lab File: BM025322.D

Acq: 06 Mar 2020 21:18

Tgt Ion:	178	Resp:	7306
Ion	Ratio	Lower	Upper
178	100		
179	17.3	14.0	21.0
176	19.9	16.6	24.8





#13

Anthracene

Concen: 0.261 ng/ul

RT: 17.17 min Scan# 4624

Delta R.T. -0.01 min

Lab File: BM025322.D

Acq: 06 Mar 2020 21:18

Instrument :

BNA_M

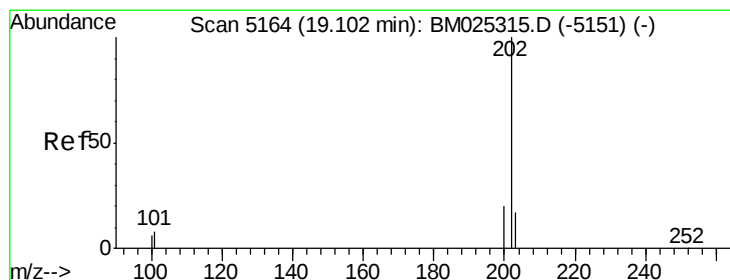
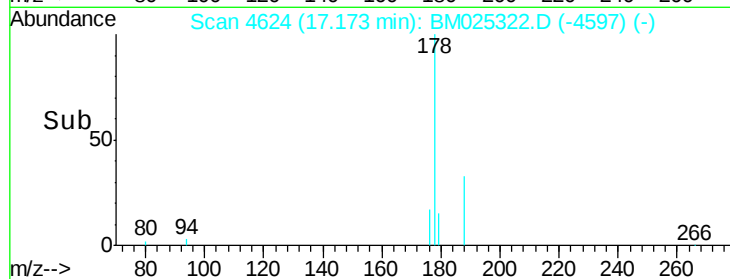
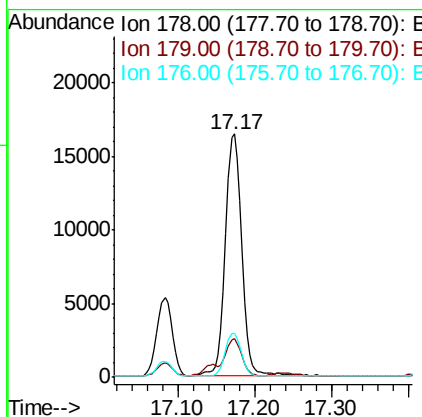
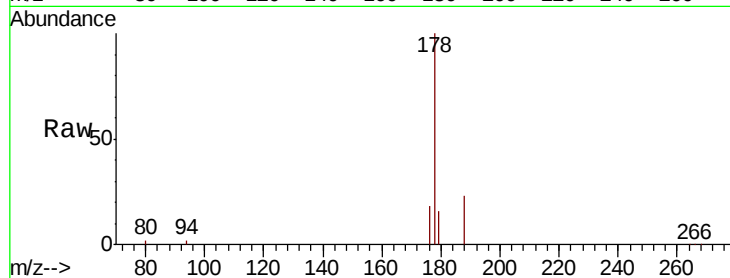
ClientSampleId :

DBDL8

Tot Ion:	178	Resp:	24056
Ion Ratio	Lower	Upper	
178	100		
179	15.7	14.1	21.1
176	17.8	16.2	24.4

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#15

Fluoranthene

Concen: 0.422 ng/ul

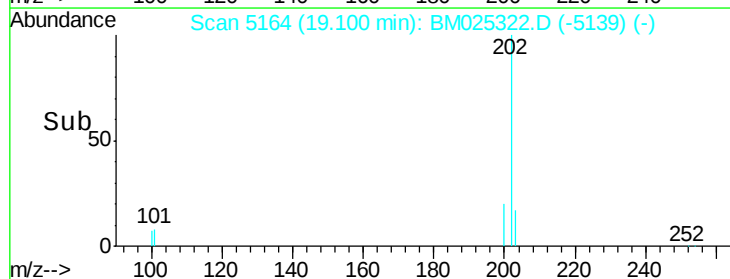
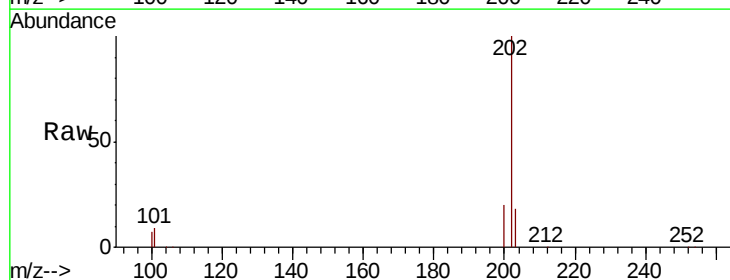
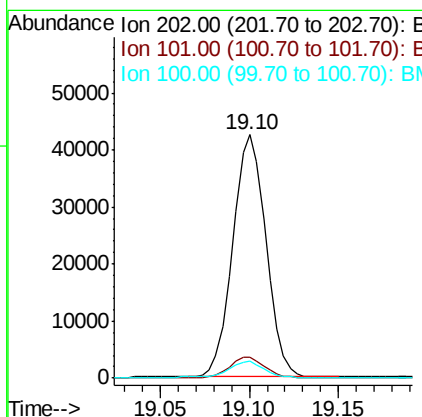
RT: 19.10 min Scan# 5164

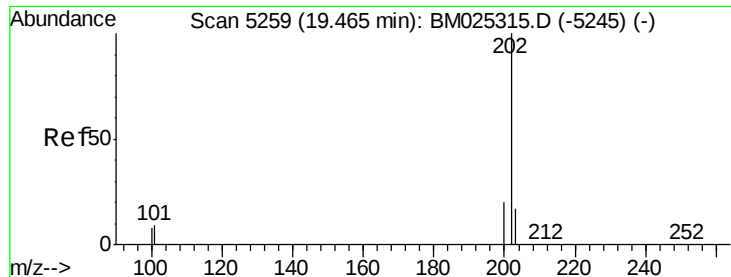
Delta R.T. -0.01 min

Lab File: BM025322.D

Acq: 06 Mar 2020 21:18

Tgt Ion:	202	Resp:	54834
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	29.4
100	6.8	0.0	28.0





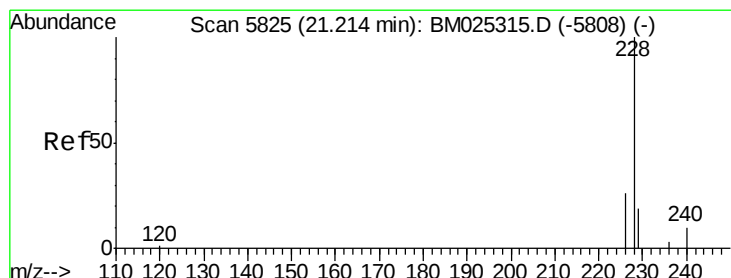
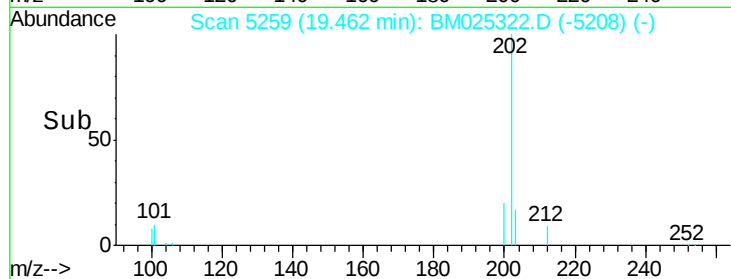
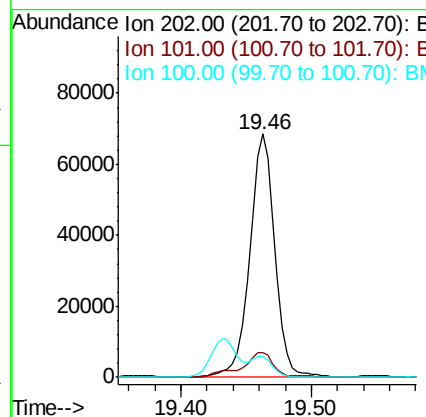
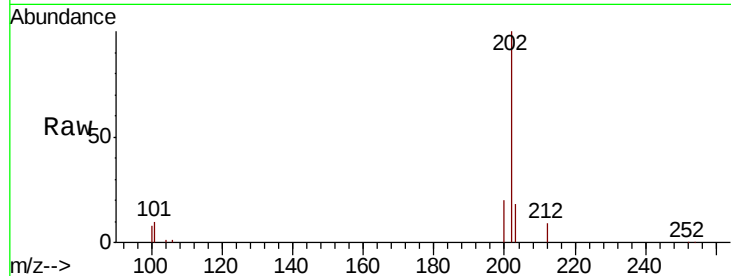
#17
Pvrene
Concen: 0.790 ng/ul
RT: 19.46 min Scan# 5259
Delta R.T. -0.01 min
Lab File: BM025322.D
Acq: 06 Mar 2020 21:18

Instrument :
BNA_M
ClientSampled :
DBDL8

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.7	13.1
100	8.4	7.3	10.9

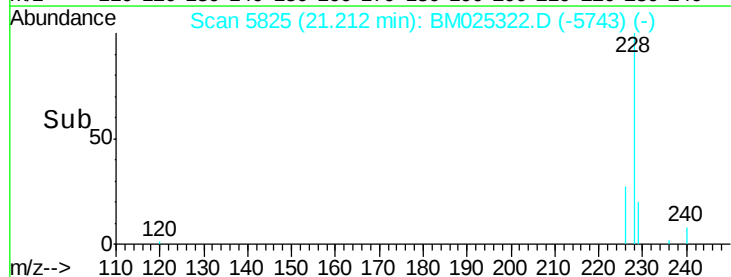
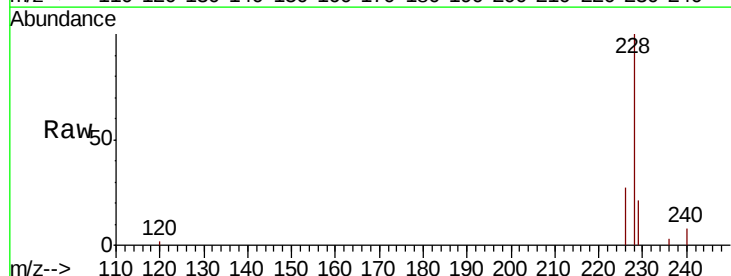
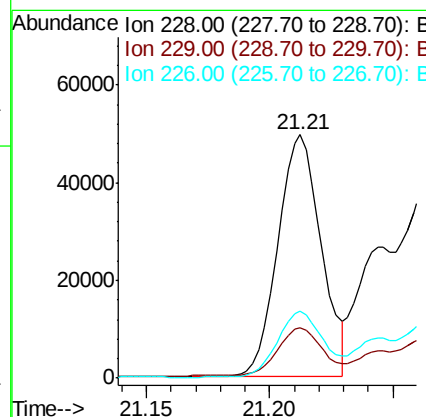
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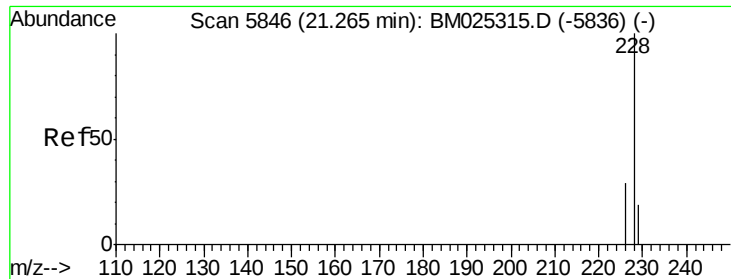
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#18
Benzo(a)anthracene
Concen: 0.543 ng/ul
RT: 21.21 min Scan# 5825
Delta R.T. -0.00 min
Lab File: BM025322.D
Acq: 06 Mar 2020 21:18

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.6	25.0
226	27.3	21.9	32.9





#19

Chrysene

Concen: 0.594 ng/ul m

RT: 21.26 min Scan# 5846

Delta R.T. -0.00 min

Lab File: BM025322.D

Acq: 06 Mar 2020 21:18

Instrument :

BNA_M

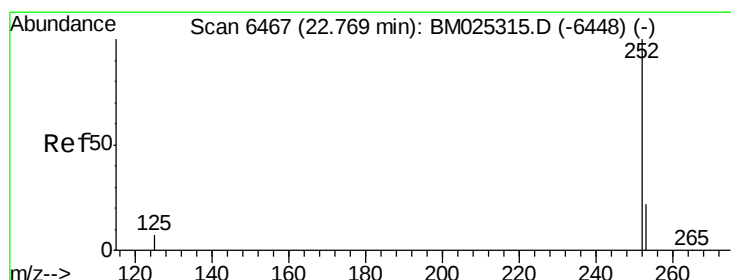
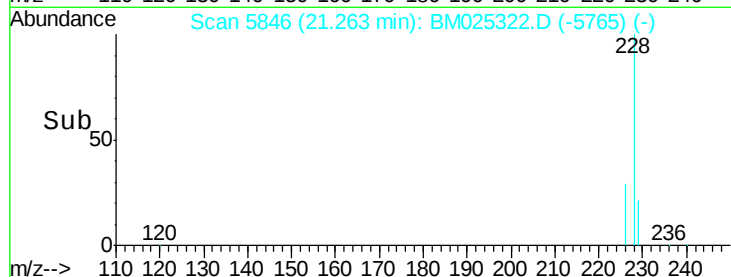
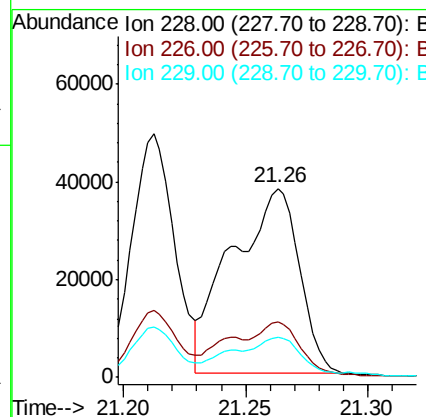
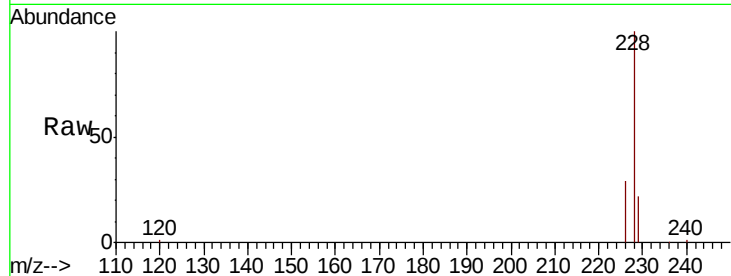
ClientSampleId :

DBDL8

Tot Ion:	228	Resp:	73173
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.8	35.8
229	21.5	16.9	25.3

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#21

Benzo(b)fluoranthene

Concen: 1.243 ng/ul m

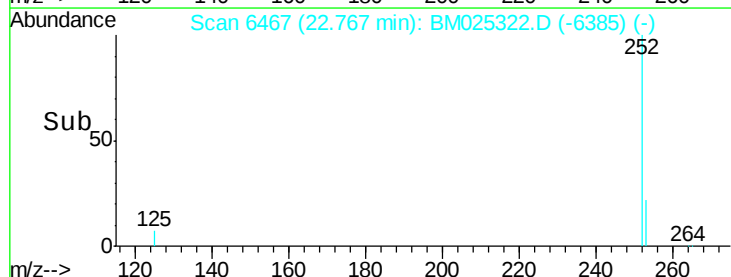
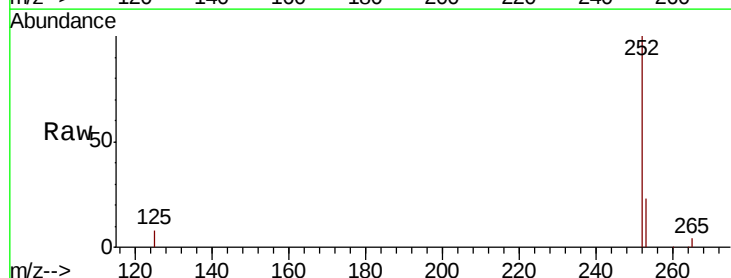
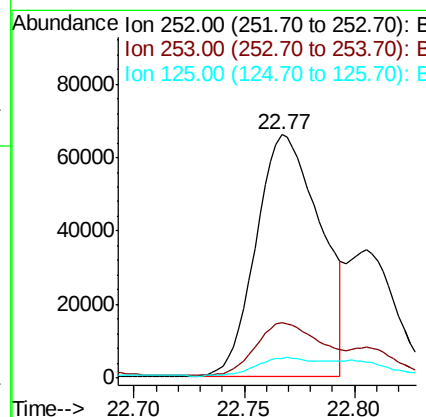
RT: 22.77 min Scan# 6467

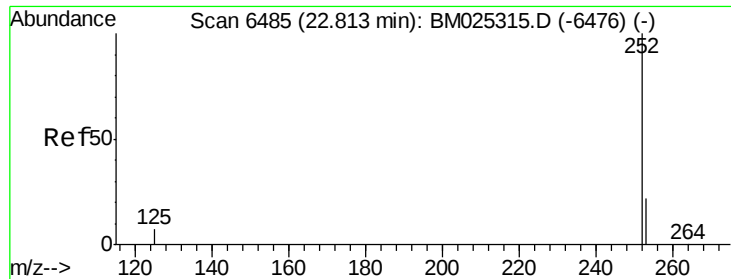
Delta R.T. -0.00 min

Lab File: BM025322.D

Acq: 06 Mar 2020 21:18

Tgt Ion:	252	Resp:	133590
Ion Ratio	Lower	Upper	
252	100		
253	22.8	0.0	49.8
125	8.3	0.0	28.6





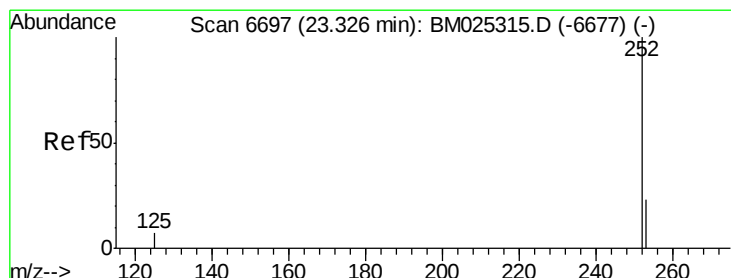
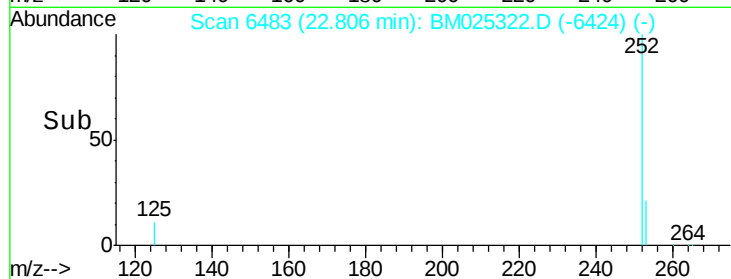
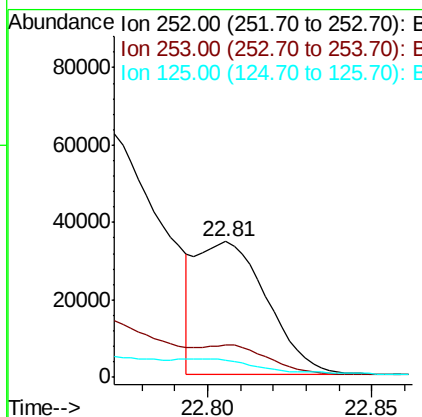
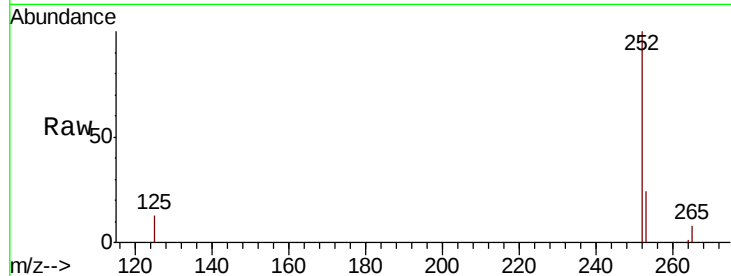
#22
Benzo(k)fluoranthene
Concen: 0.452 ng/ul
RT: 22.81 min Scan# 6483
Delta R.T. -0.01 min
Lab File: BM025322.D
Acq: 06 Mar 2020 21:18

Instrument :
BNA_M
ClientSampled :
DBDL8

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.4	29.0
125	12.7	10.7	16.1

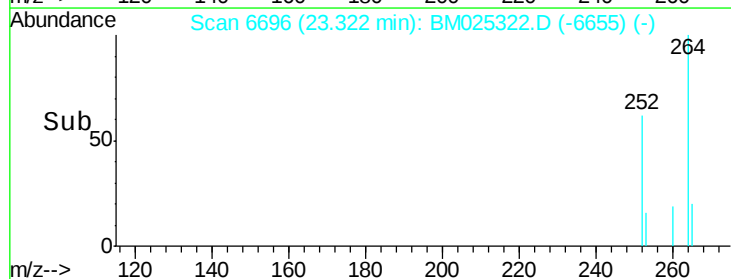
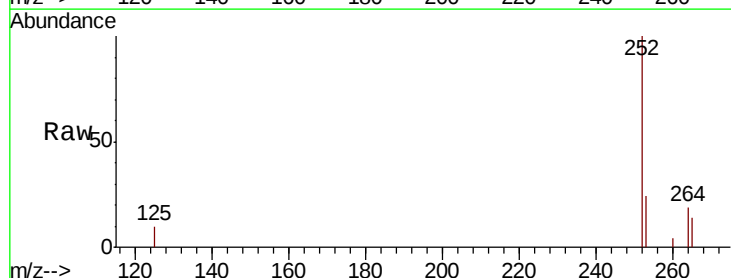
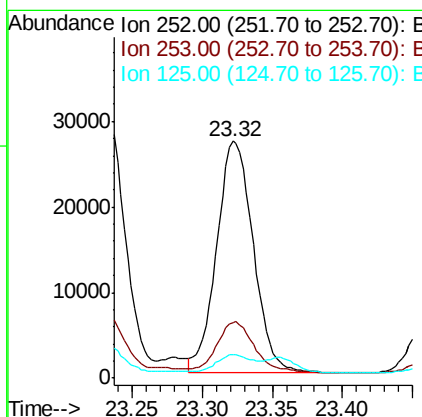
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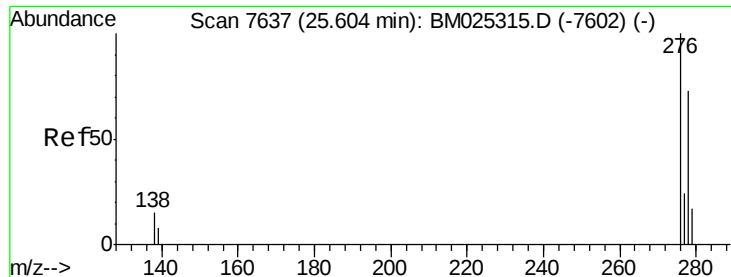
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#23
Benzo(a)pyrene
Concen: 0.544 ng/ul
RT: 23.32 min Scan# 6696
Delta R.T. -0.00 min
Lab File: BM025322.D
Acq: 06 Mar 2020 21:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	20.3	30.5
125	9.9	13.0	19.4





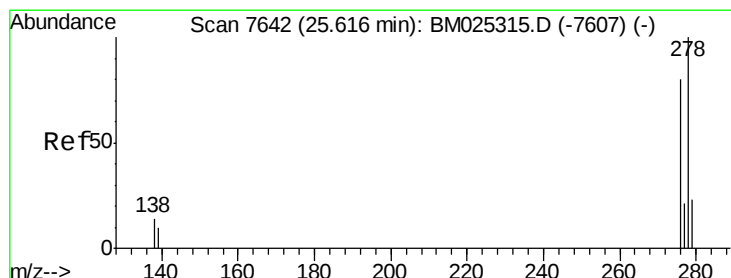
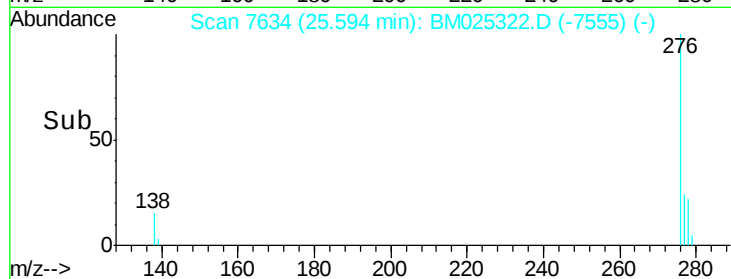
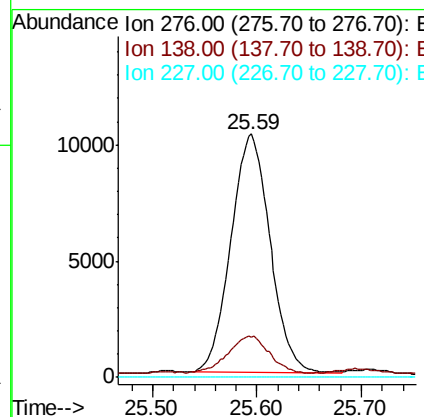
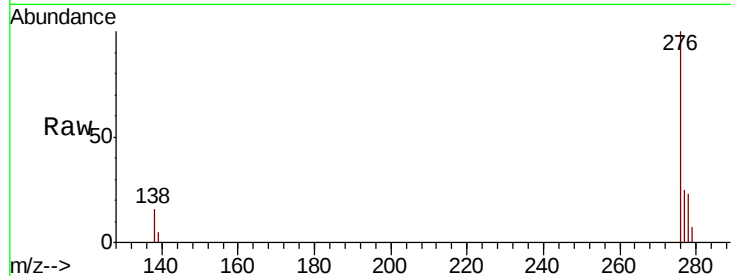
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.238 ng/u1
RT: 25.59 min Scan# 7634
Delta R.T. -0.01 min
Lab File: BM025322.D
Acq: 06 Mar 2020 21:18

Instrument :
BNA_M
ClientSampleId :
DBDL8

Tot Ion	Ratio	Resp	Lower	Upper
276	100	26779		
138	16.2	0.0	0.0	0.0
227	0.0	0.0	0.0	0.0

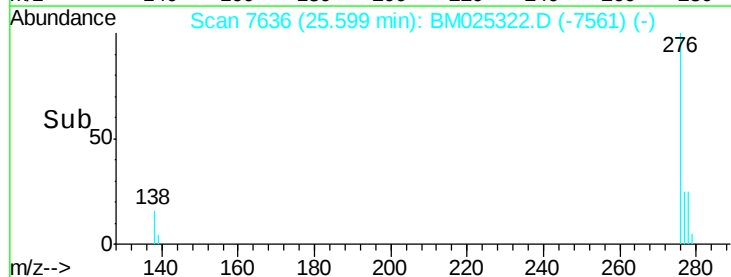
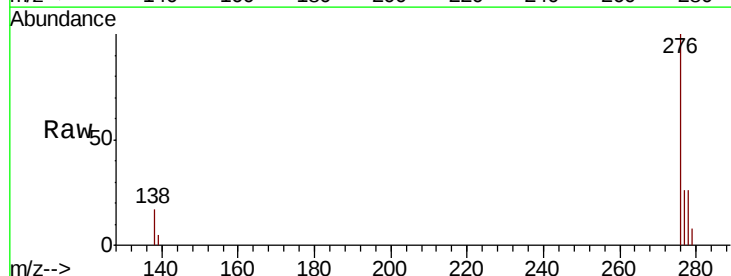
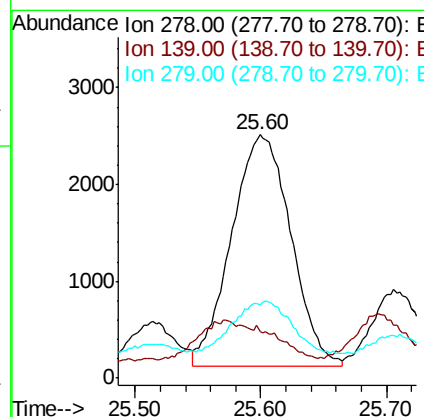
Manual Integrations
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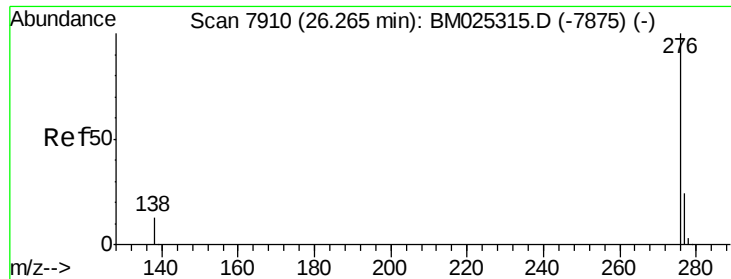
mohammad
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#25
Dibenzo(a,h)anthracene
Concen: 0.084 ng/u1
RT: 25.60 min Scan# 7636
Delta R.T. -0.02 min
Lab File: BM025322.D
Acq: 06 Mar 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	7862		
139	19.1	13.2	19.8	
279	30.0	21.0	31.4	





#26

Benzo(a,h,i)perylene

Concen: 0.143 ng/ul

RT: 26.26 min Scan# 7908

Delta R.T. -0.00 min

Lab File: BM025322.D

Acq: 06 Mar 2020 21:18

Instrument :

BNA_M

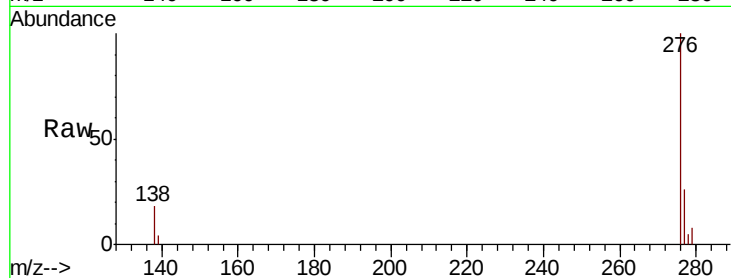
ClientSampleId :

DBDL8

Tot Ion:	276	Resp:	13692
Ion Ratio	Lower	Upper	
276	100		
138	18.2	17.9	26.9
277	26.2	20.5	30.7

Manual Integrations
APPROVED

mohammad
3/9/2020 3:00:17 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

