

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025439.D
 Acq On : 10 Mar 2020 06:54
 Operator : CG/JU
 Sample : L1612-16
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDL8

Manual Integrations
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mohammad
 3/11/2020 8:00:49 AM

Quant Time: Mar 10 11:51:28 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	3218	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	13811	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9478	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	19354	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	13452	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	13334	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	8184	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	17618	0.33	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	3229	0.083	ng/ul	96
8) Acenaphthene	14.35	153	882	0.026	ng/ul	99
9) Fluorene	15.34	166	982	0.024	ng/ul#	96
12) Phenanthrene	17.07	178	5460	0.089	ng/ul	97
13) Anthracene	17.16	178	12822	0.240	ng/ul	99
15) Fluoranthene	19.09	202	34906	0.525	ng/ul	98
17) Pyrene	19.45	202	58385	0.967	ng/ul	98
18) Benzo(a)anthracene	21.20	228	32564	0.677	ng/ul	98
19) Chrysene	21.26	228	23190	0.429	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	81856m	1.550	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	29338m	0.530	ng/ul	
23) Benzo(a)pyrene	23.31	252	29532	0.674	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.57	276	19595	0.329	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.58	278	5649	0.113	ng/ul#	89
26) Benzo(g,h,i)perylene	26.24	276	10355	0.201	ng/ul	96

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

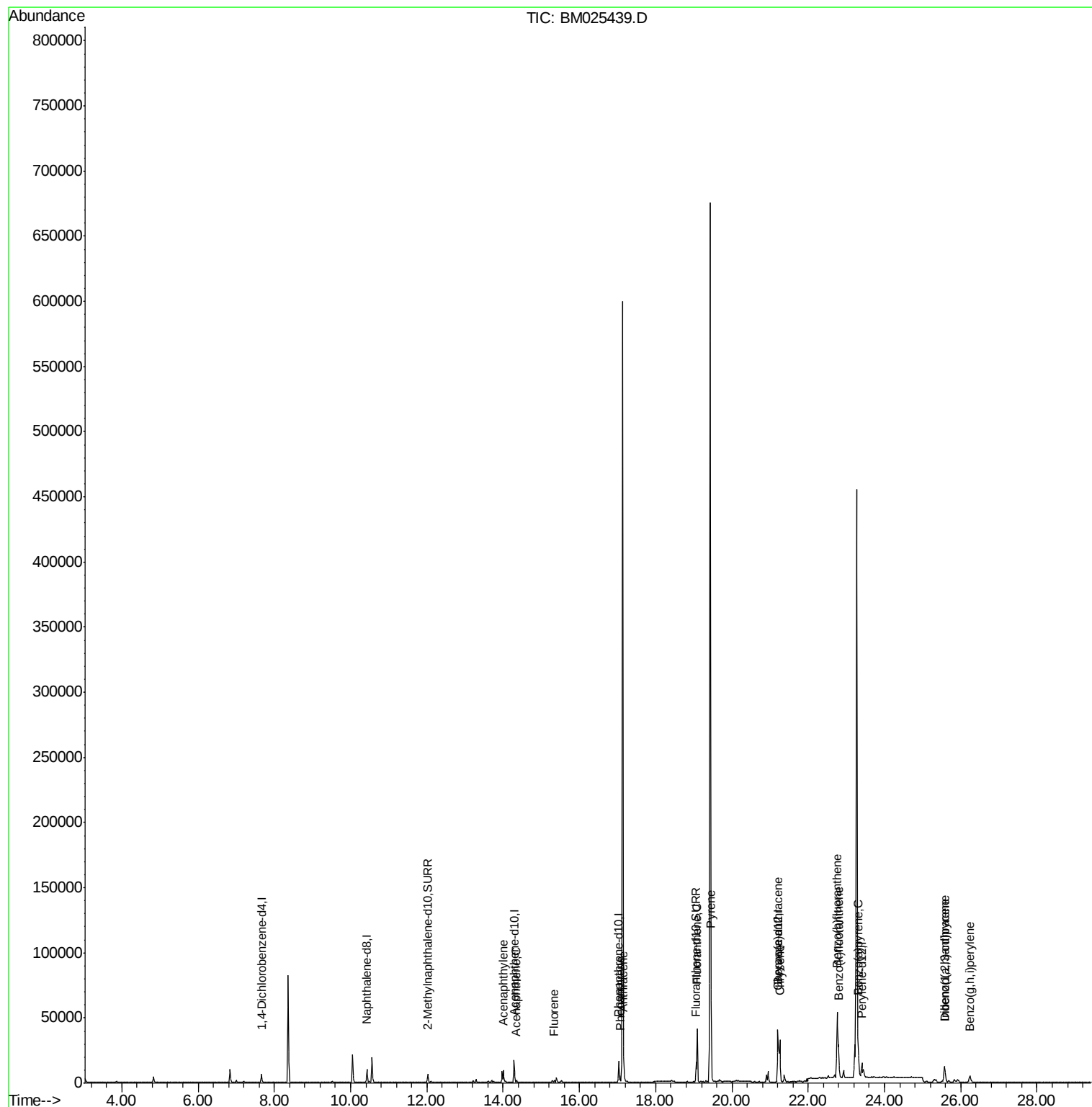
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025439.D
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Operator : CG/JU
Sample : L1612-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

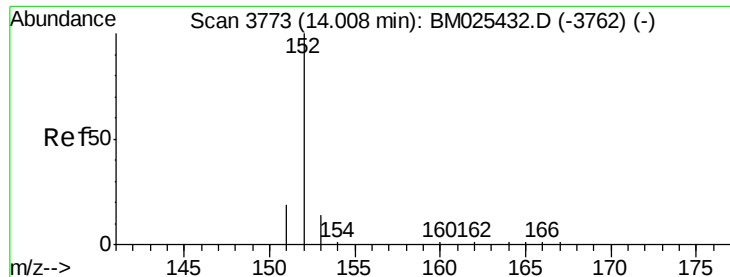
Instrument :
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DBDL8

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Quant Time: Mar 10 11:51:28 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





#7

Acenaphthylene

Concen: 0.083 ng/ul

RT: 14.01 min Scan# 3772

Delta R.T. -0.00 min

Lab File: BM025439.D

Acq: 10 Mar 2020 06:54

Instrument :

BNA_M

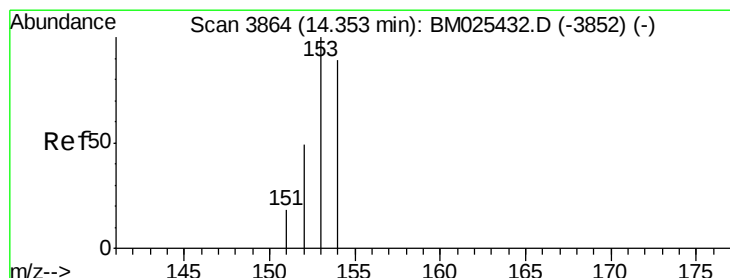
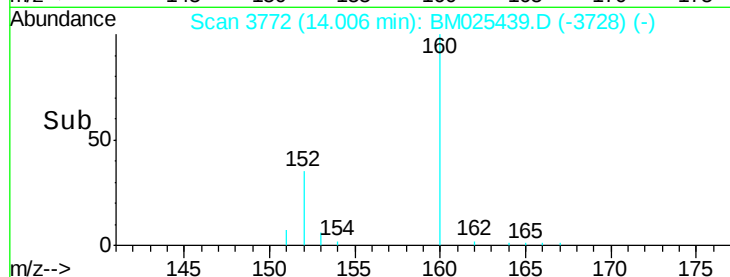
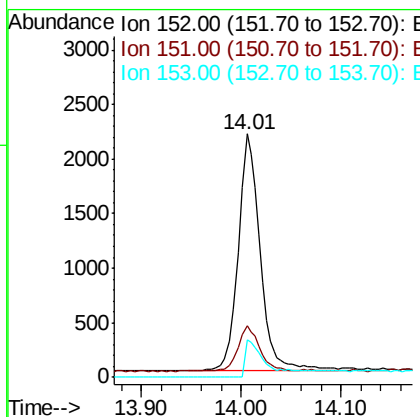
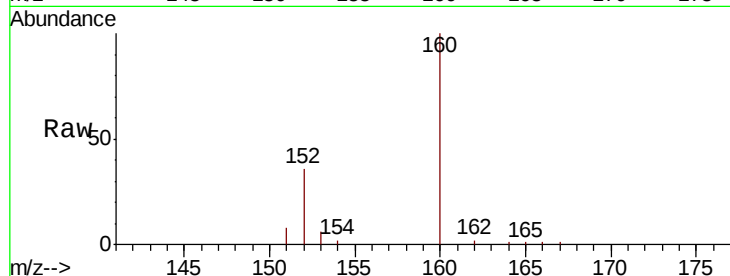
ClientSampleId :

DBDL8

Tot Ion:	152	Resp:	3229
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.2	24.2
153	15.5	10.6	16.0

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#8

Acenaphthene

Concen: 0.026 ng/ul

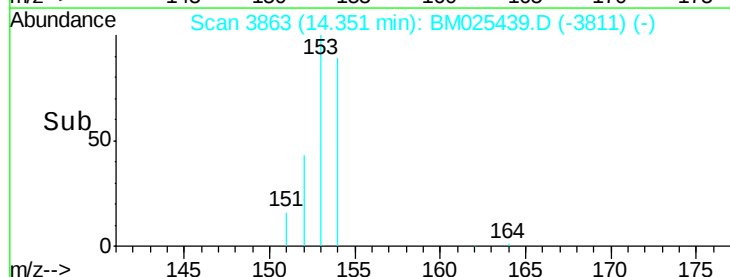
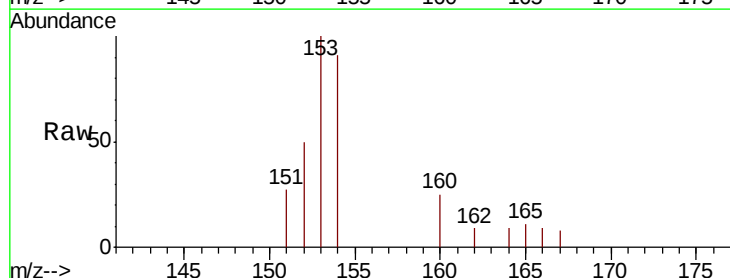
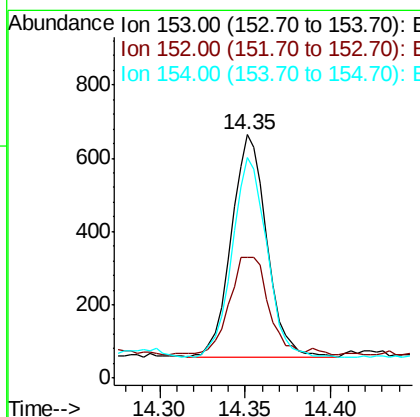
RT: 14.35 min Scan# 3863

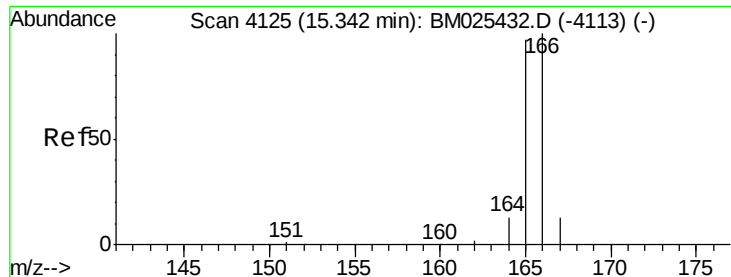
Delta R.T. -0.00 min

Lab File: BM025439.D

Acq: 10 Mar 2020 06:54

Tgt Ion:	153	Resp:	882
Ion Ratio	Lower	Upper	
153	100		
152	49.7	39.5	59.3
154	90.5	71.7	107.5





#9

Fluorene

Concen: 0.024 ng/ul

RT: 15.34 min Scan# 4124

Delta R.T. -0.00 min

Lab File: BM025439.D

Acq: 10 Mar 2020 06:54

Instrument :

BNA_M

ClientSampled :

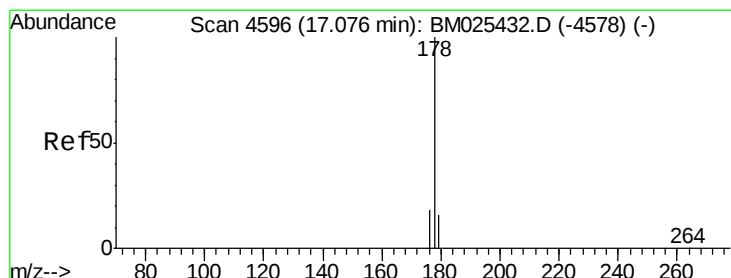
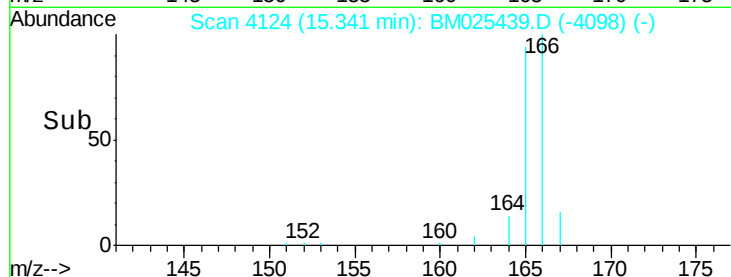
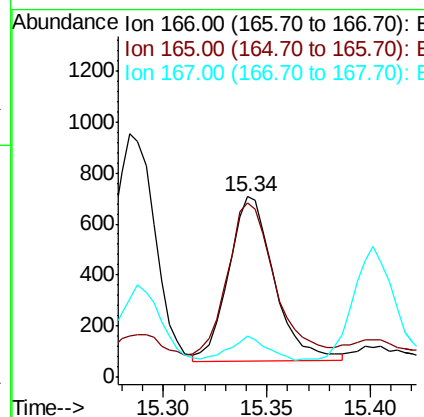
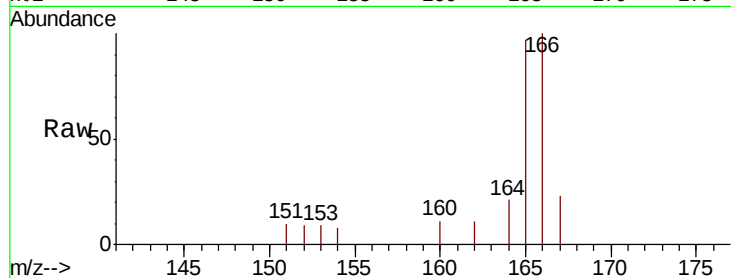
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Tot Ion:166 Resp: 982

Ion	Ratio	Lower	Upper
166	100		
165	96.7	76.8	115.2
167	23.1	11.2	16.8#

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#12

Phenanthrene

Concen: 0.089 ng/ul

RT: 17.07 min Scan# 4594

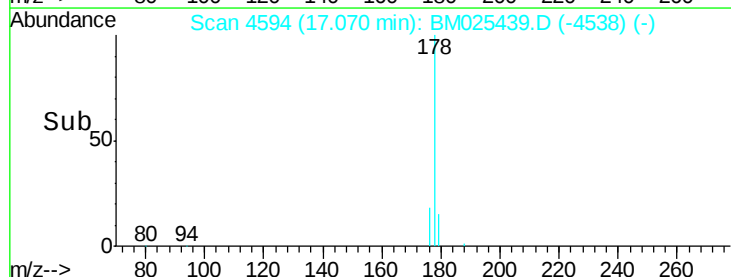
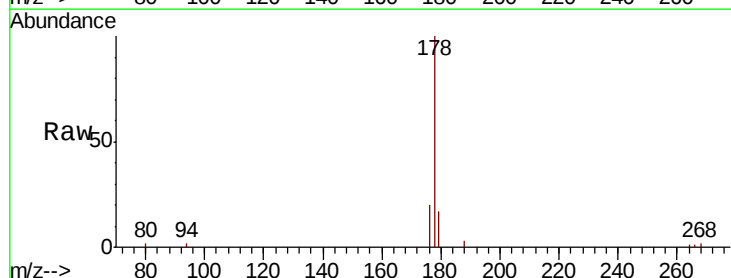
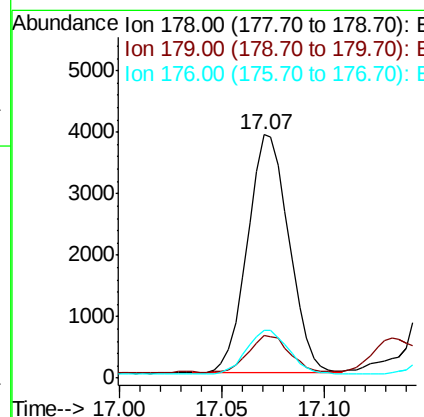
Delta R.T. -0.01 min

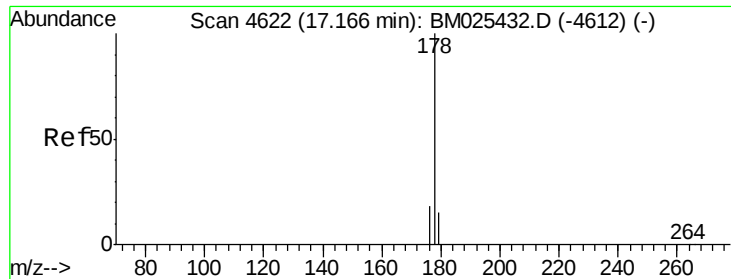
Lab File: BM025439.D

Acq: 10 Mar 2020 06:54

Tgt Ion:178 Resp: 5460

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.4	18.6
176	19.6	14.8	22.2





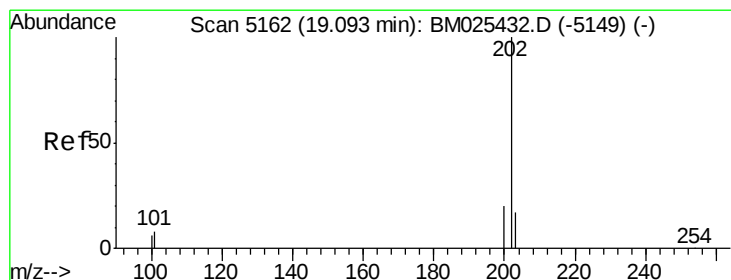
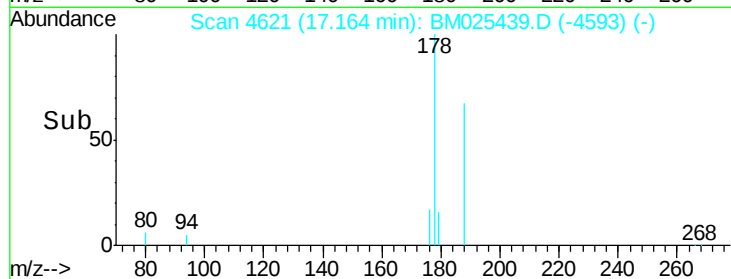
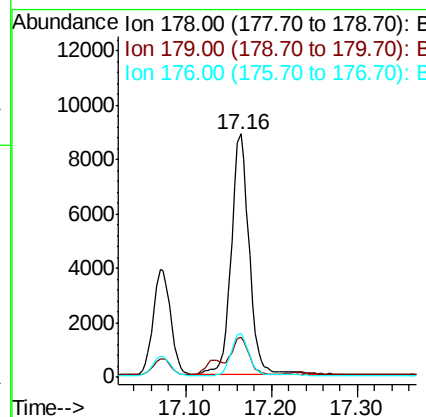
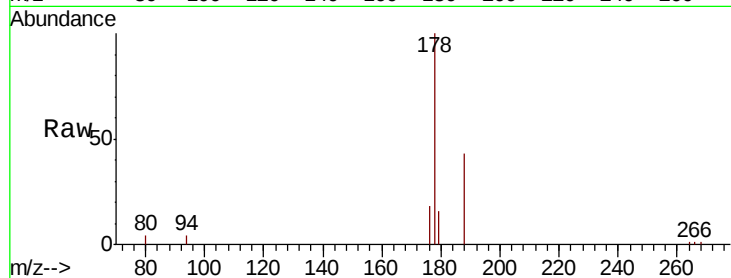
#13
 Anthracene
 Concen: 0.240 ng/ul
 RT: 17.16 min Scan# 4621
 Delta R.T. -0.00 min
 Lab File: BM025439.D
 Acq: 10 Mar 2020 06:54

Instrument :
 BNA_M
 ClientSampleId :
 DBDL8

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.6	18.8
176	18.1	14.5	21.7

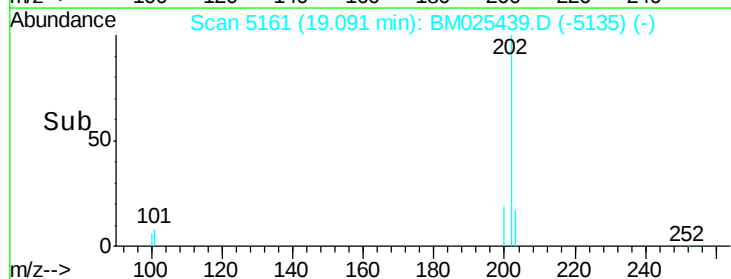
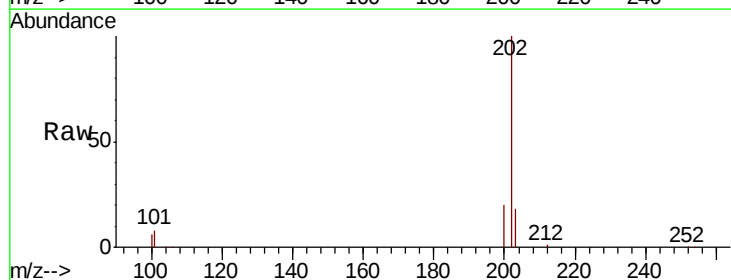
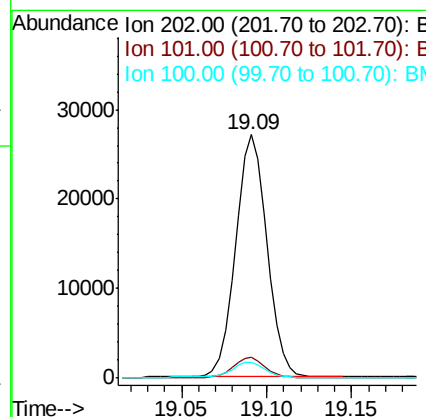
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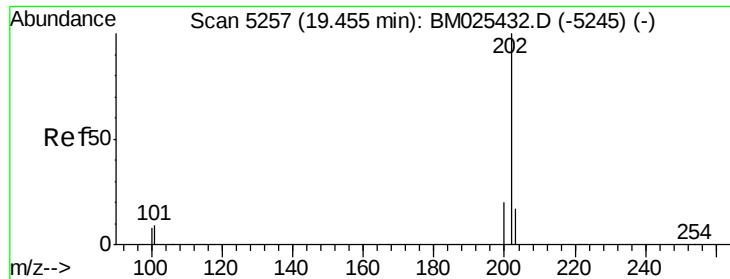
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#15
 Fluoranthene
 Concen: 0.525 ng/ul
 RT: 19.09 min Scan# 5161
 Delta R.T. -0.00 min
 Lab File: BM025439.D
 Acq: 10 Mar 2020 06:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	27.5
100	6.2	0.0	26.0





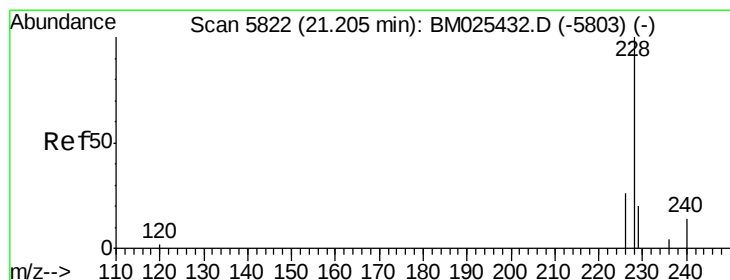
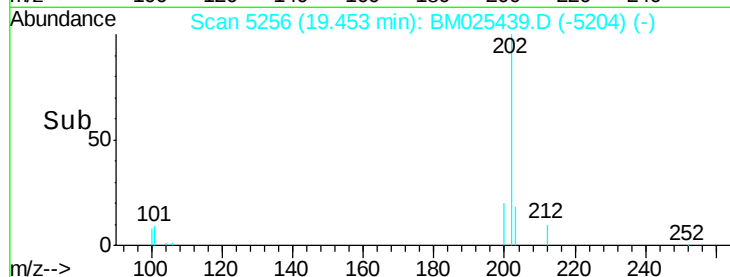
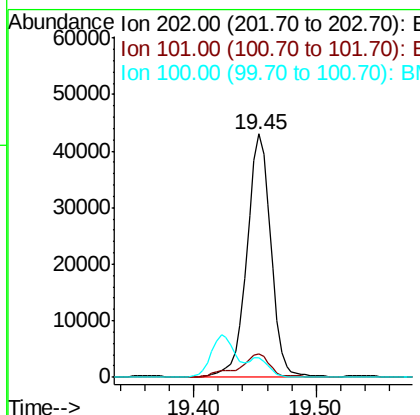
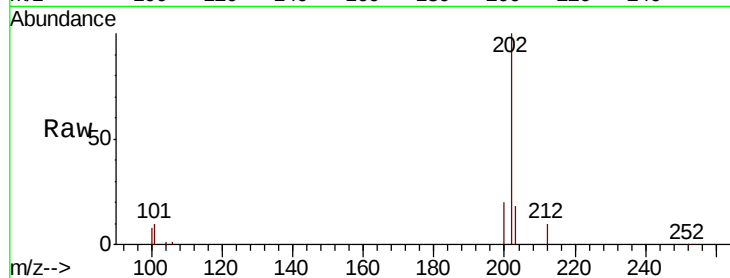
#17
Pvrene
Concen: 0.967 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.00 min
Lab File: BM025439.D
Acq: 10 Mar 2020 06:54

Instrument :
BNA_M
ClientSampled :
DBDL8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	7.1	10.7
100	7.9	6.0	9.0

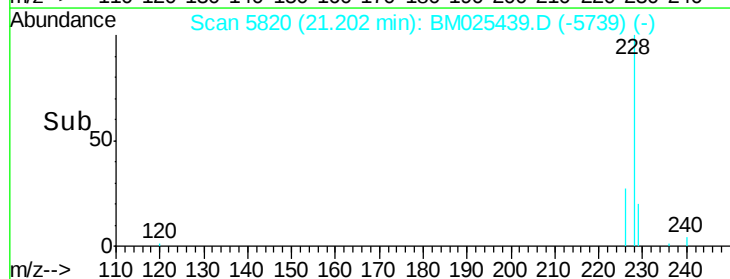
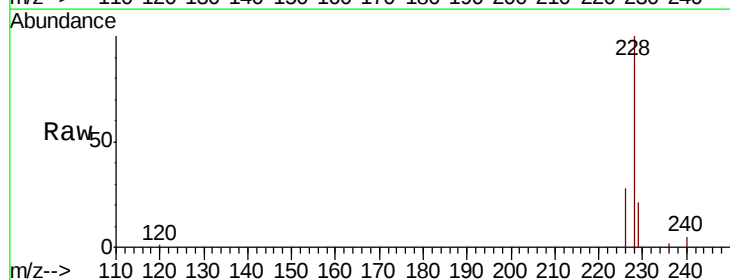
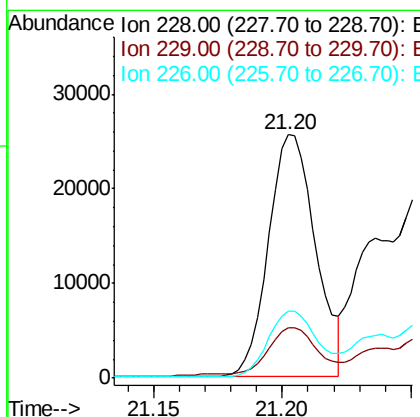
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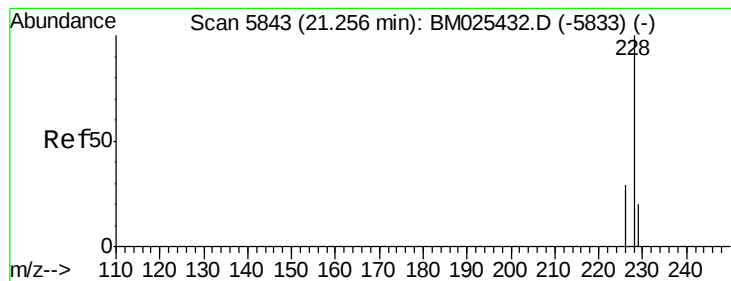
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#18
Benzo(a)anthracene
Concen: 0.677 ng/ul
RT: 21.20 min Scan# 5820
Delta R.T. -0.00 min
Lab File: BM025439.D
Acq: 10 Mar 2020 06:54

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.8	15.6	23.4
226	27.5	21.1	31.7





#19

Chrysene

Concen: 0.429 ng/ul

RT: 21.26 min Scan# 5842

Delta R.T. -0.00 min

Lab File: BM025439.D

Acq: 10 Mar 2020 06:54

Instrument :

BNA_M

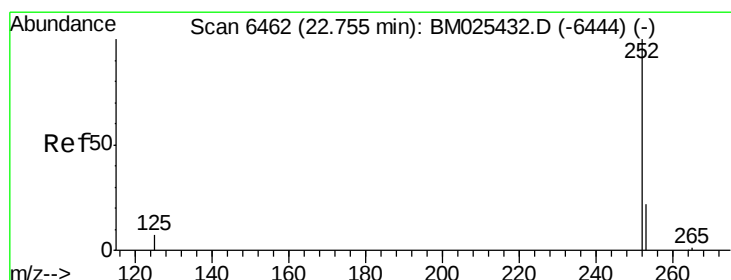
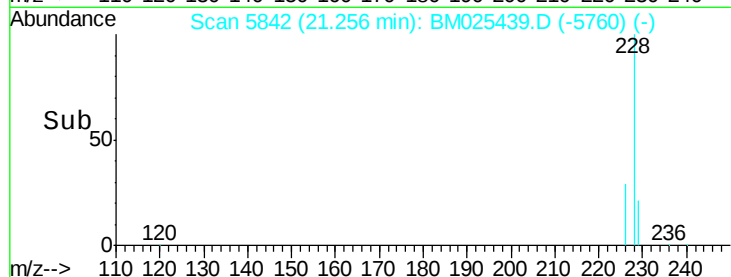
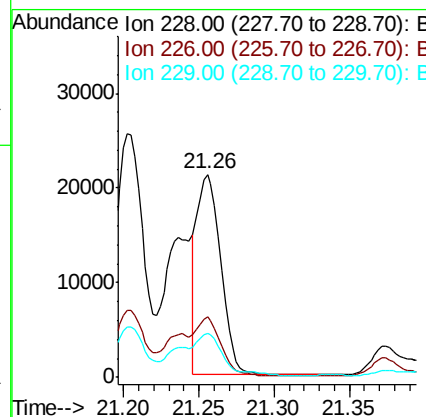
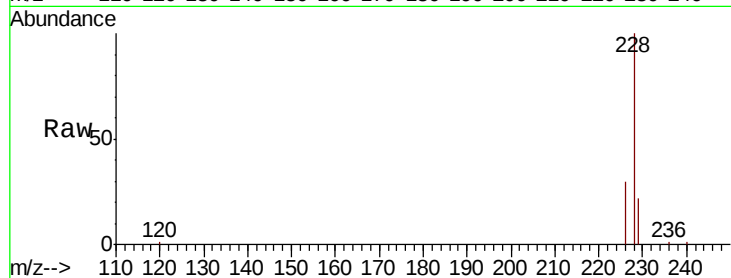
ClientSampleId :

DBDL8

Tot Ion:	228	Resp:	23190
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.6	35.4
229	21.8	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 1.550 ng/ul m

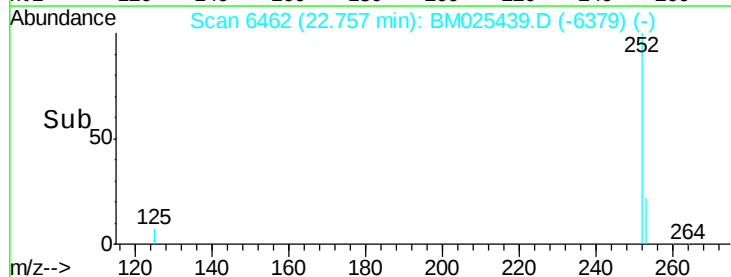
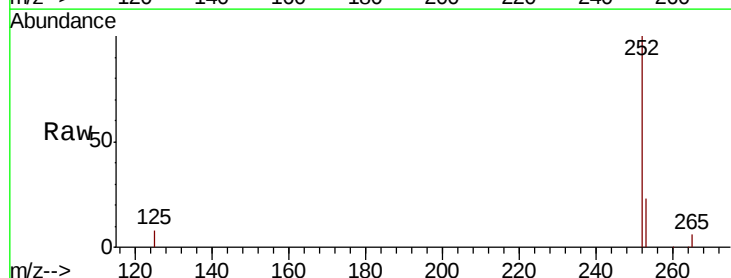
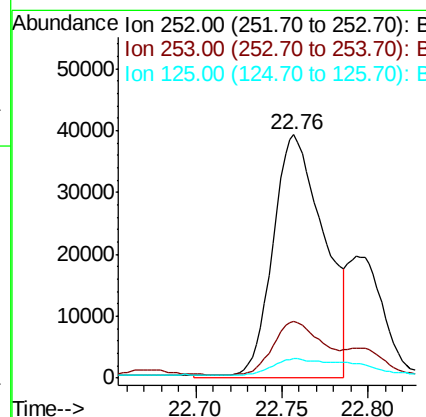
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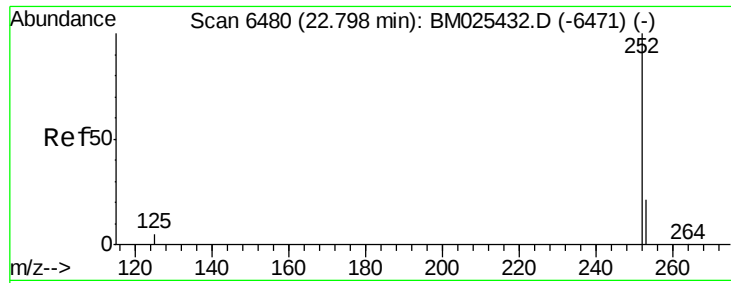
Delta R.T. 0.00 min

Lab File: BM025439.D

Acq: 10 Mar 2020 06:54

Tgt Ion:	252	Resp:	81856
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	50.2
125	8.0	0.0	17.6





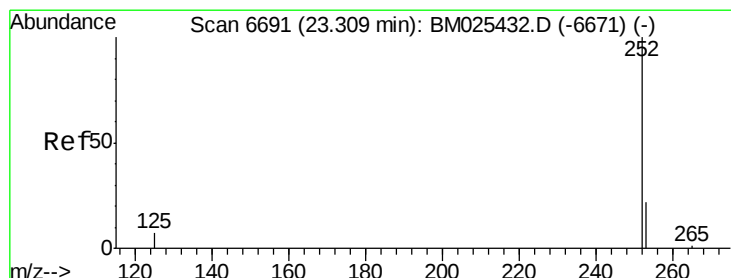
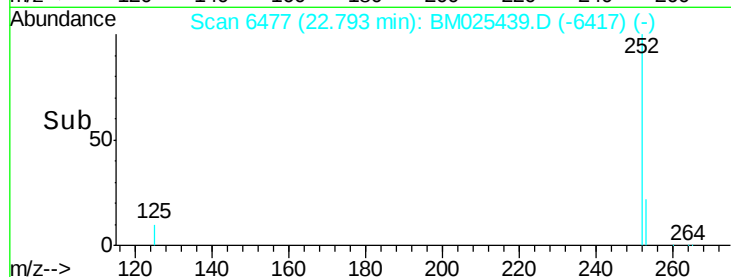
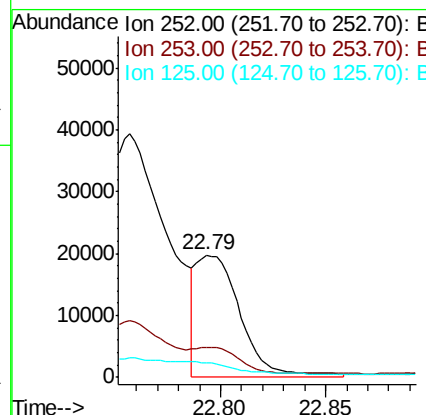
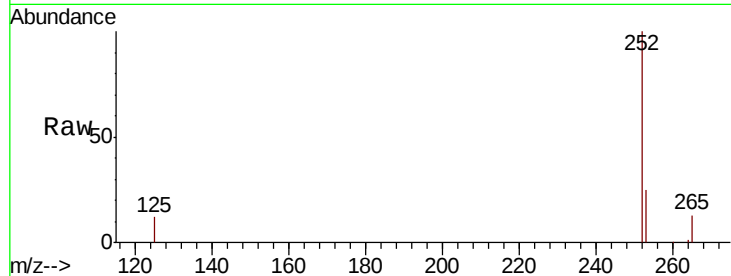
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Benzo(k)fluoranthene
Concen: 0.530 ng/ul m
RT: 22.79 min Scan# 6477
Delta R.T. -0.01 min
Lab File: BM025439.D
Acq: 10 Mar 2020 06:54

Instrument :
BNA_M
ClientSampleId :
DBDL8

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.8	29.8
125	12.0	7.1	10.7

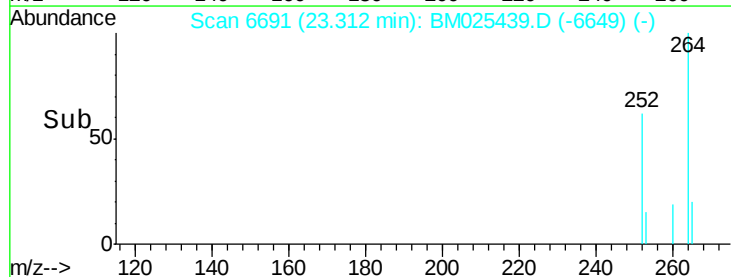
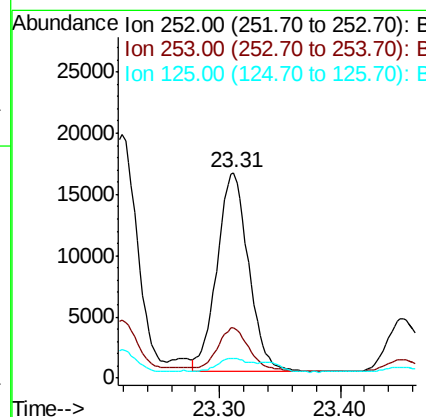
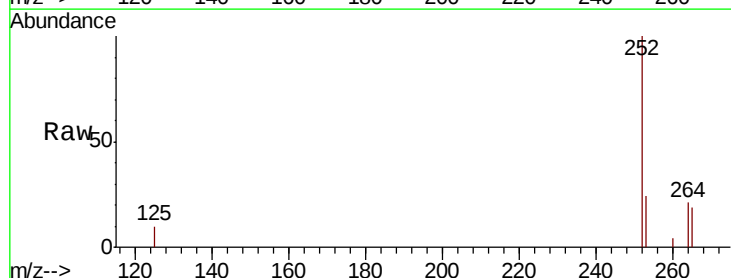
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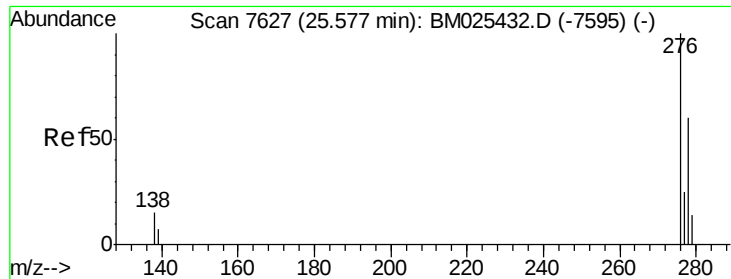
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#23
Benzo(a)pyrene
Concen: 0.674 ng/ul
RT: 23.31 min Scan# 6691
Delta R.T. 0.00 min
Lab File: BM025439.D
Acq: 10 Mar 2020 06:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	21.3	31.9
125	9.8	8.5	12.7





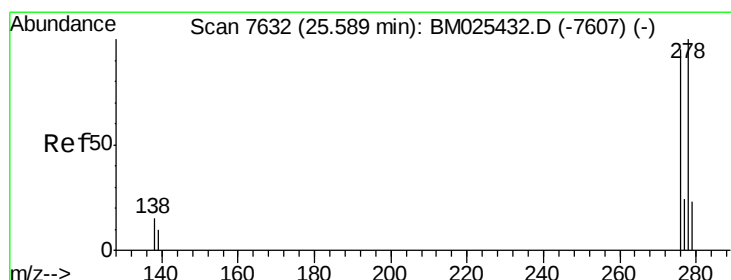
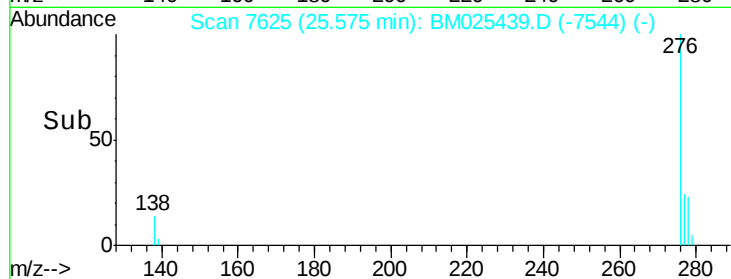
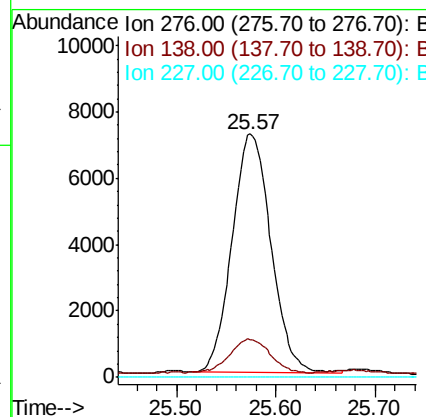
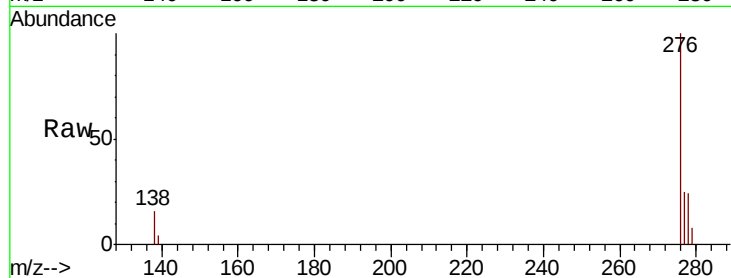
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.329 ng/ul
 RT: 25.57 min Scan# 7625
 Delta R.T. -0.00 min
 Lab File: BM025439.D
 Acq: 10 Mar 2020 06:54

Instrument :
 BNA_M
 ClientSampleId :
 DBDL8

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.4	12.3	18.5
227	0.0	0.0	0.0

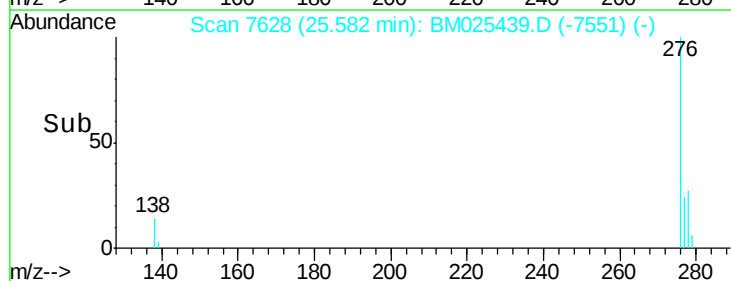
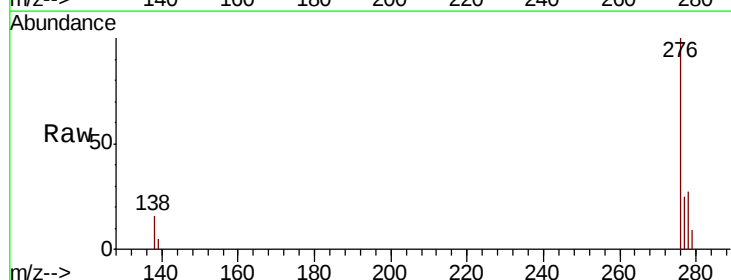
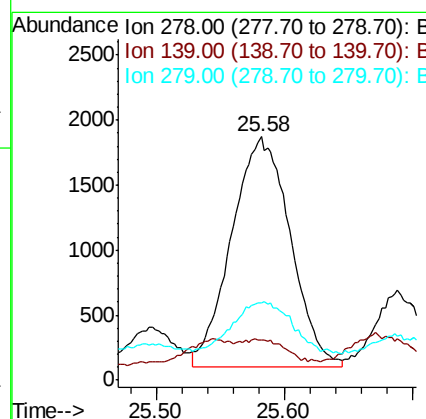
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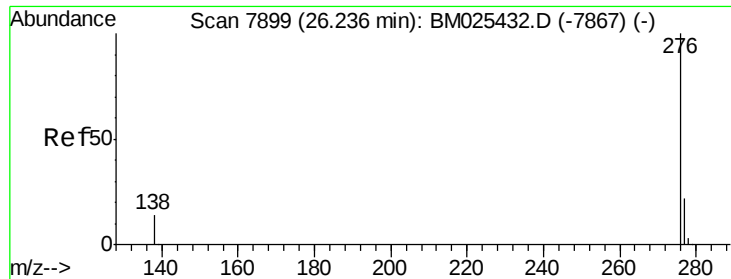
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.113 ng/ul
 RT: 25.58 min Scan# 7628
 Delta R.T. -0.01 min
 Lab File: BM025439.D
 Acq: 10 Mar 2020 06:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	9.0	13.6#
279	31.5	21.1	31.7





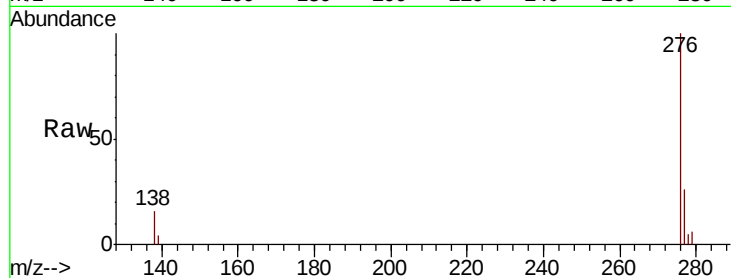
#26
 Benzo(a,h,i)perylene
 Concen: 0.201 ng/ul
 RT: 26.24 min Scan# 7899
 Delta R.T. -0.00 min
 Lab File: BM025439.D
 Acq: 10 Mar 2020 06:54

Instrument :
 BNA_M
 ClientSampleId :
 DBDL8

Tot Ion:	276	Resp:	10355
Ion Ratio	Lower	Upper	
276	100		
138	16.4	11.0	16.4
277	25.8	19.8	29.6

Manual Integrations
 APPROVED

mohammad
 3/11/2020 8:00:49 AM



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

