

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025436.D
 Acq On : 10 Mar 2020 05:06
 Operator : CG/JU
 Sample : L1615-17
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDP1

Manual Integrations
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mohammad
 3/11/2020 8:00:46 AM

Quant Time: Mar 10 11:45:59 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	3488	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	14779	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9888	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	21208	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	15739	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	15282	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	6245	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	14975	0.26	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	2207	0.050	ng/ul#	92
5) 2-Methylnaphthalene	12.10	142	1108	0.035	ng/ul	99
7) Acenaphthylene	14.01	152	14172	0.351	ng/ul	98
8) Acenaphthene	14.35	153	1309	0.037	ng/ul	97
9) Fluorene	15.34	166	5952	0.138	ng/ul	97
12) Phenanthrene	17.07	178	17919	0.267	ng/ul	98
13) Anthracene	17.16	178	449116	7.679	ng/ul	99
15) Fluoranthene	19.09	202	70370	0.966	ng/ul	99
17) Pyrene	19.45	202	103947	1.471	ng/ul	99
18) Benzo(a)anthracene	21.20	228	67106	1.193	ng/ul	94
19) Chrysene	21.23	228	118236	1.871	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	330294m	5.458	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	104997m	1.656	ng/ul	
23) Benzo(a)pyrene	23.31	252	144636m	2.878	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.57	276	100315	1.471	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.58	278	27585	0.481	ng/ul	97
26) Benzo(a,h,i)perylene	26.24	276	56684	0.958	ng/ul	98

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

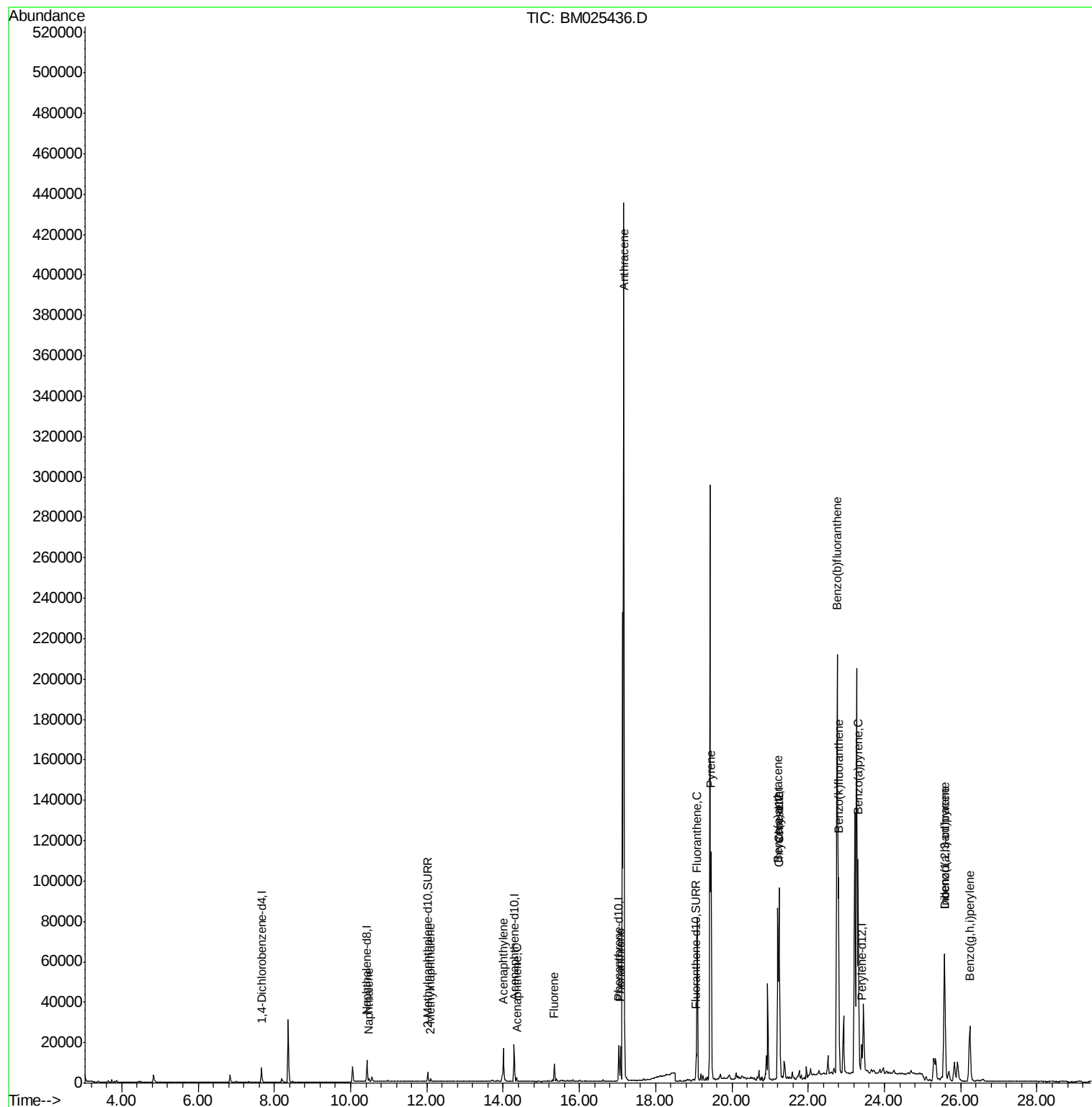
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025436.D
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ALS Vial : 30 Sample Multiplier: 1

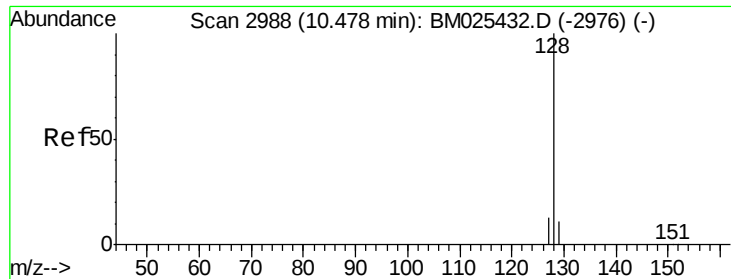
Instrument :
BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.050 ng/ul

RT: 10.48 min Scan# 2988

Delta R.T. 0.00 min

Lab File: BM025436.D

Acq: 10 Mar 2020 05:06

Instrument :

BNA_M

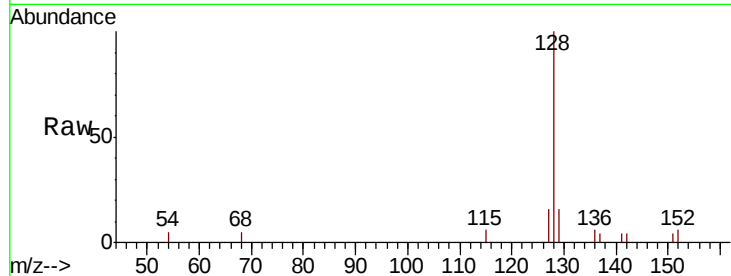
ClientSampleId :

DBDP1

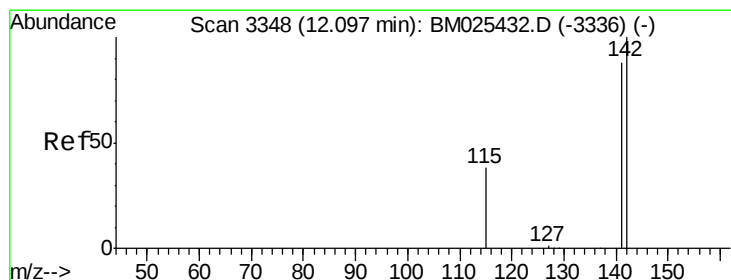
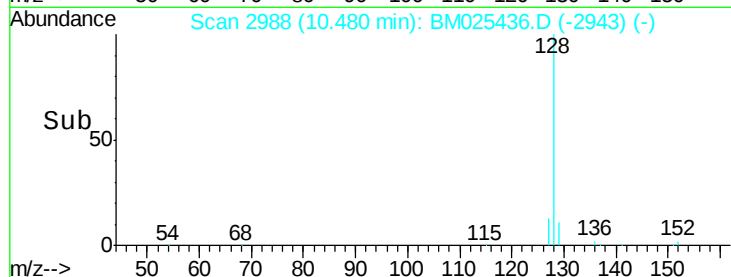
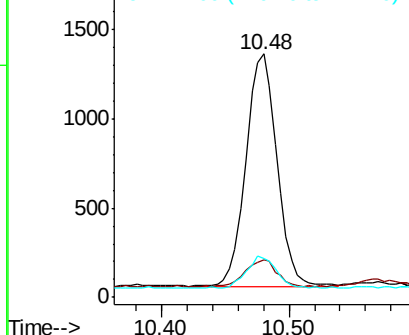
Tot Ion:	128	Resp:	2207
Ion	Ratio	Lower	Upper
128	100		
129	15.5	9.4	14.0#
127	16.0	10.9	16.3

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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



#5

2-Methylnaphthalene

Concen: 0.035 ng/ul

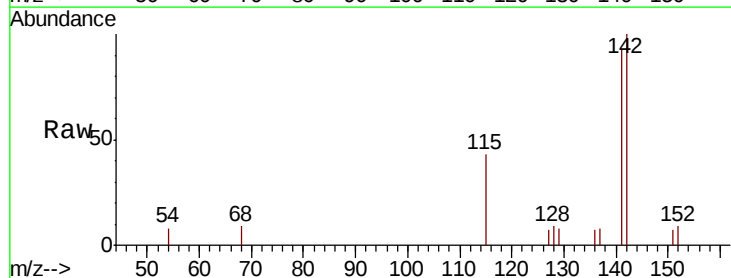
RT: 12.10 min Scan# 3348

Delta R.T. -0.00 min

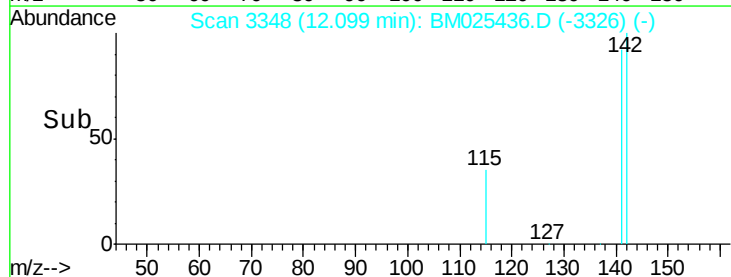
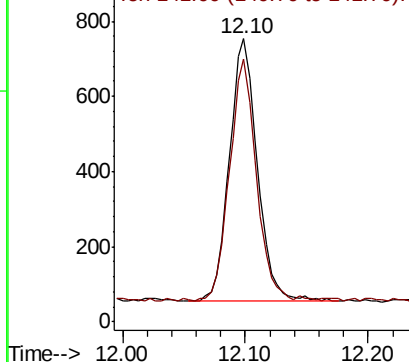
Lab File: BM025436.D

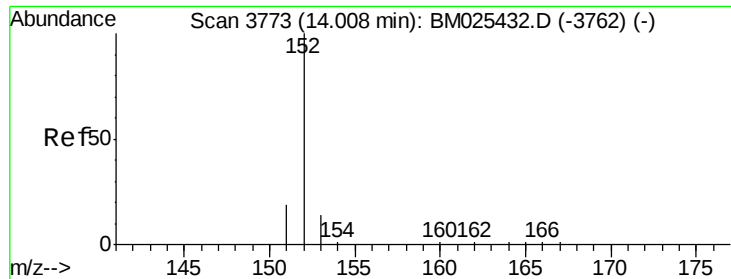
Acq: 10 Mar 2020 05:06

Tgt Ion:	142	Resp:	1108
Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.8	104.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.351 ng/ul

RT: 14.01 min Scan# 3772

Delta R.T. -0.00 min

Lab File: BM025436.D

Acq: 10 Mar 2020 05:06

Instrument :

BNA_M

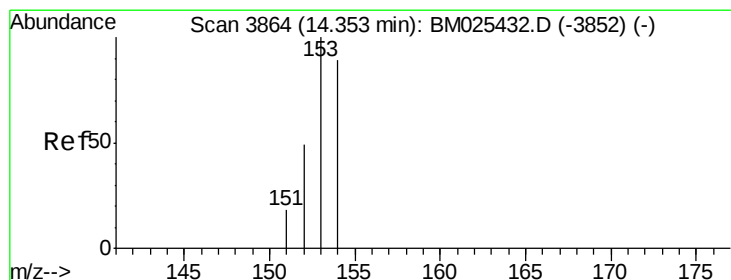
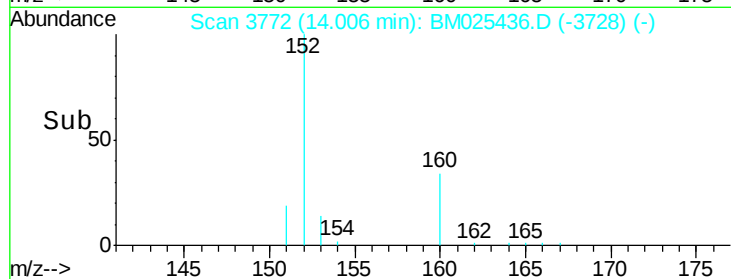
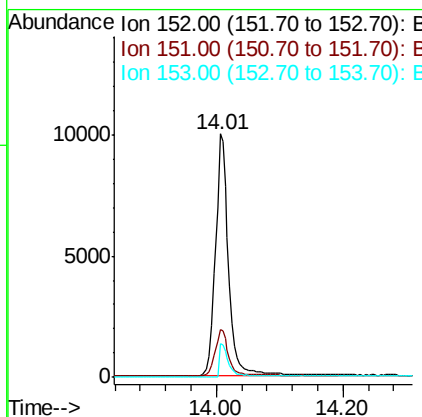
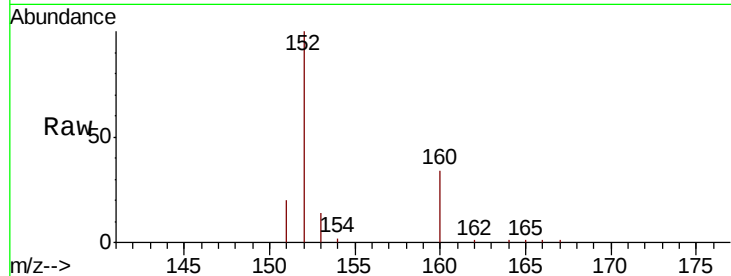
ClientSampleId :

DBDP1

Tot Ion:	152	Resp:	14172
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.2	24.2
153	14.0	10.6	16.0

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#8

Acenaphthene

Concen: 0.037 ng/ul

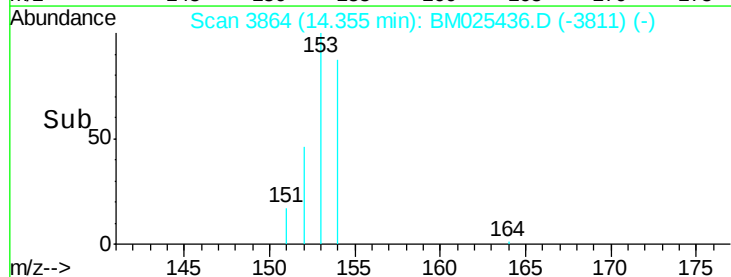
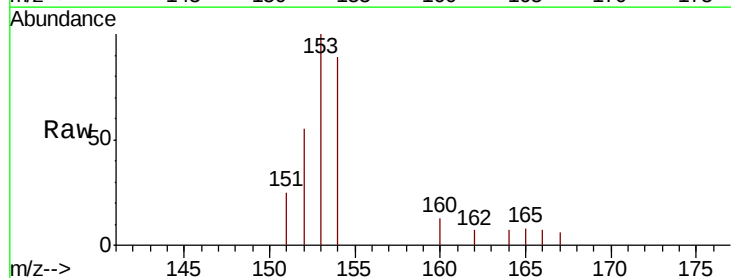
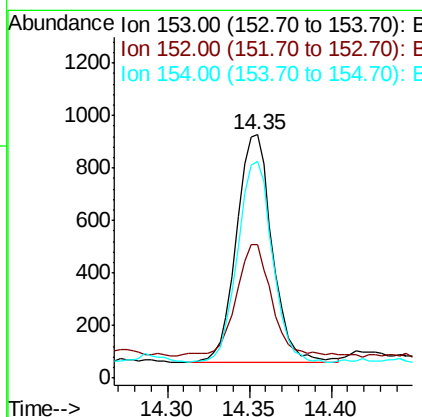
RT: 14.35 min Scan# 3864

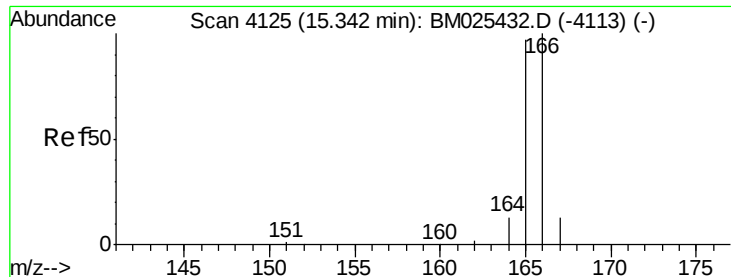
Delta R.T. 0.00 min

Lab File: BM025436.D

Acq: 10 Mar 2020 05:06

Tgt Ion:	153	Resp:	1309
Ion Ratio	Lower	Upper	
153	100		
152	54.9	39.5	59.3
154	88.8	71.7	107.5





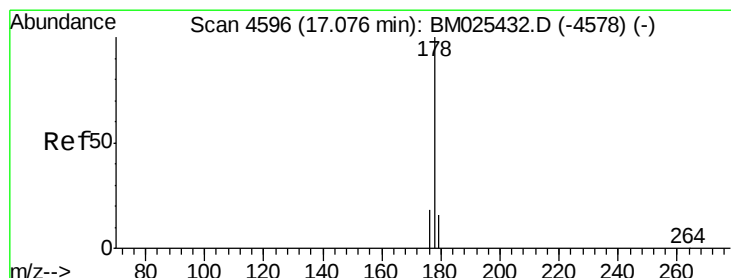
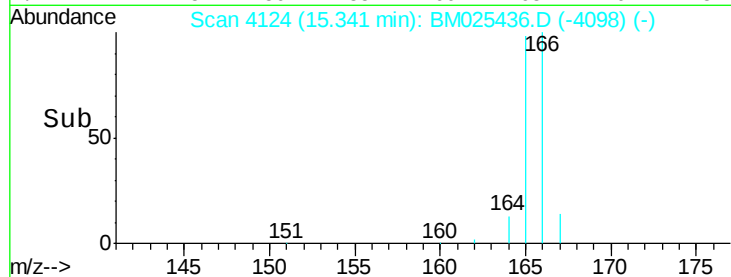
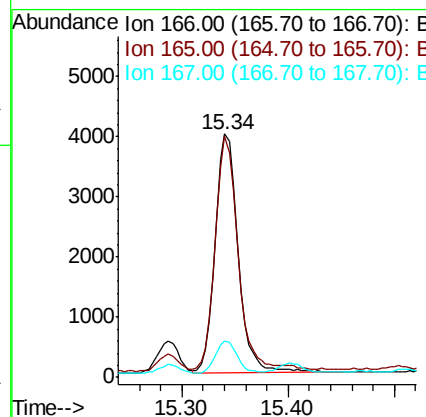
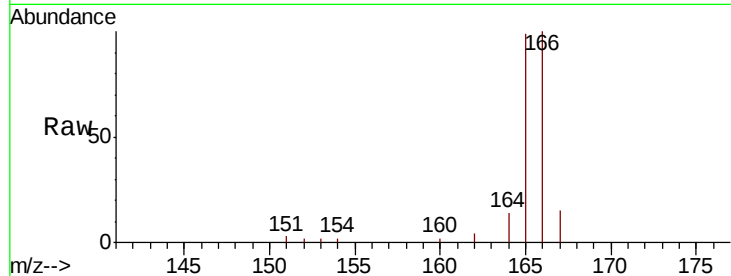
#9
Fluorene
 Concen: 0.138 ng/ul
 RT: 15.34 min Scan# 4124
 Delta R.T. -0.00 min
 Lab File: BM025436.D
 Acq: 10 Mar 2020 05:06

Instrument :
 BNA_M
 ClientSampled :
 DBDP1

Tot Ion:166 Resp: 5952
 Ion Ratio Lower Upper
 166 100
 165 98.8 76.8 115.2
 167 14.9 11.2 16.8

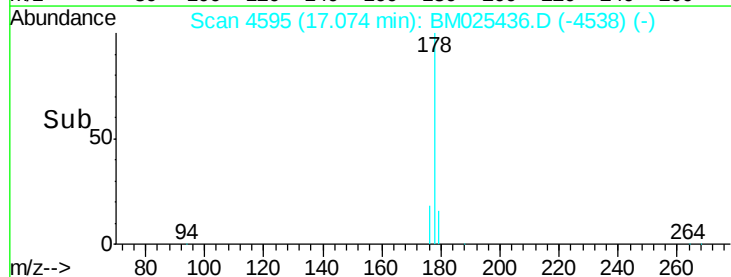
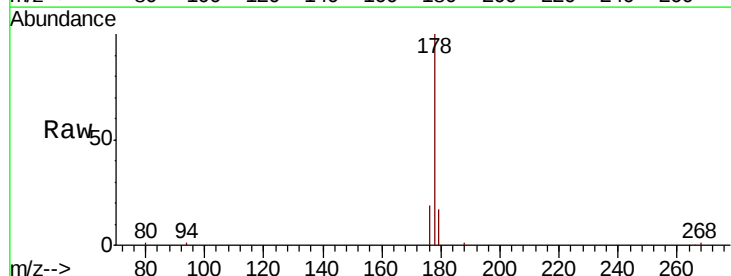
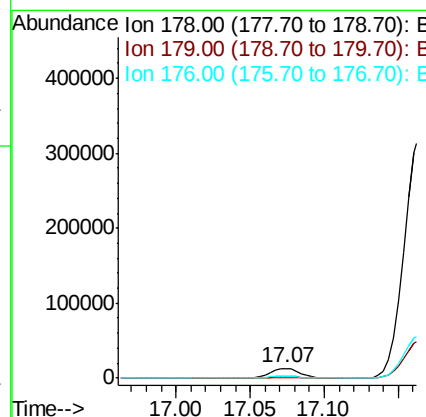
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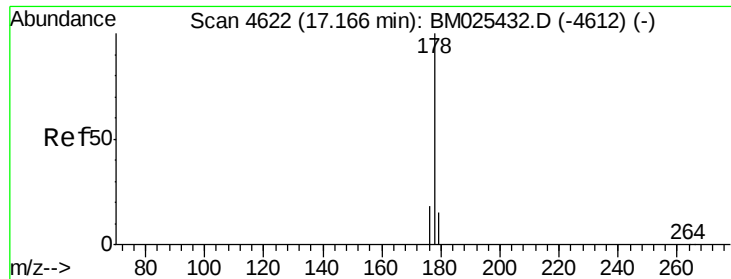
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#12
Phenanthrene
 Concen: 0.267 ng/ul
 RT: 17.07 min Scan# 4595
 Delta R.T. -0.00 min
 Lab File: BM025436.D
 Acq: 10 Mar 2020 05:06

Tgt Ion:178 Resp: 17919
 Ion Ratio Lower Upper
 178 100
 179 16.5 12.4 18.6
 176 18.8 14.8 22.2





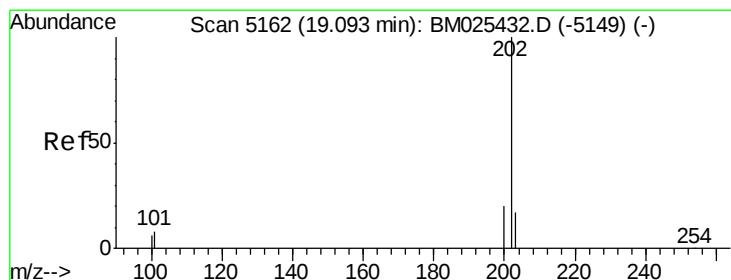
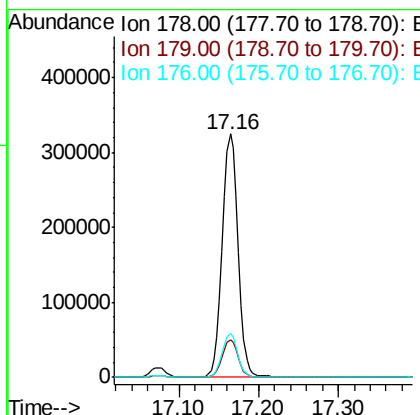
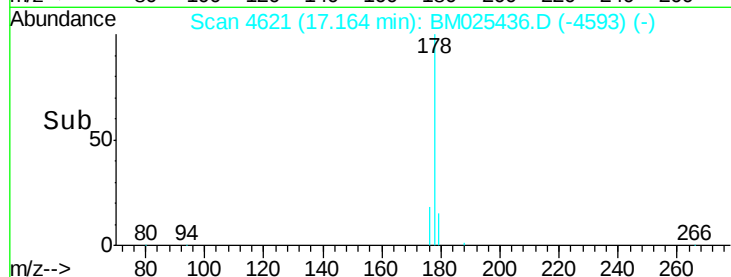
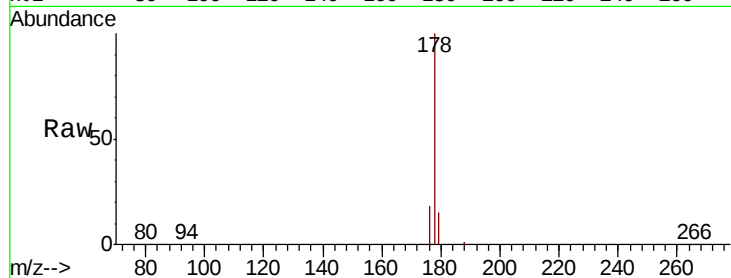
#13
 Anthracene
 Concen: 7.679 ng/ul
 RT: 17.16 min Scan# 4621
 Delta R.T. -0.00 min
 Lab File: BM025436.D
 Acq: 10 Mar 2020 05:06

Instrument :
 BNA_M
 ClientSampleId :
 DBDP1

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	17.8	14.5	21.7

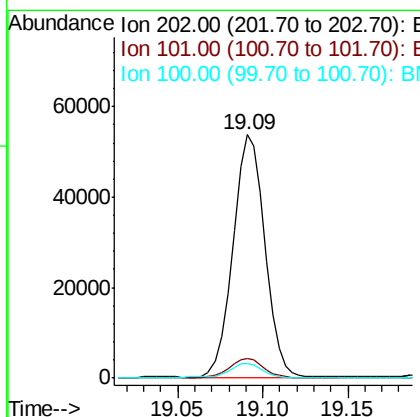
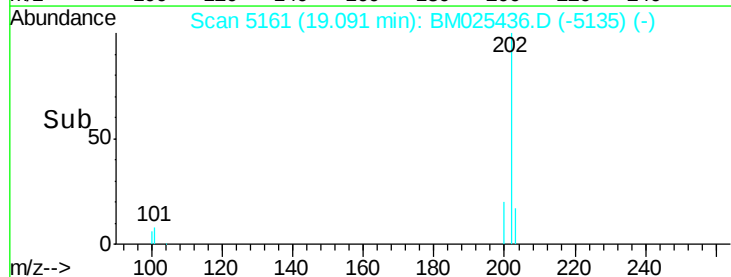
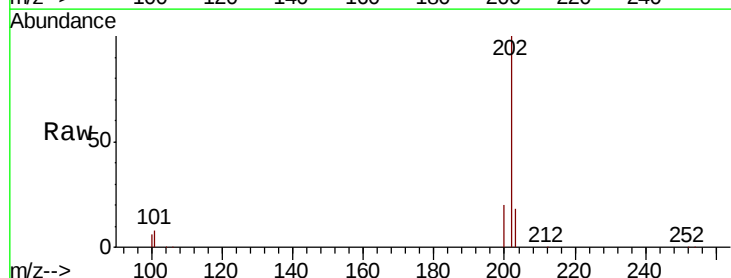
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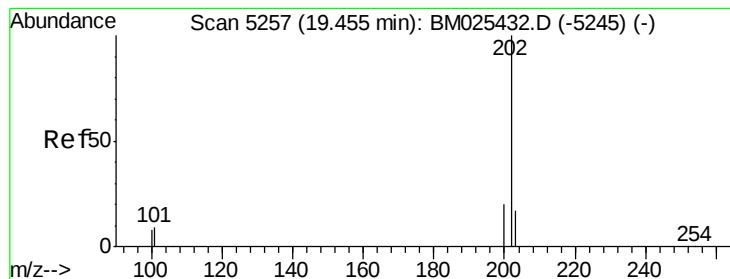
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#15
 Fluoranthene
 Concen: 0.966 ng/ul
 RT: 19.09 min Scan# 5161
 Delta R.T. -0.00 min
 Lab File: BM025436.D
 Acq: 10 Mar 2020 05:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	27.5
100	6.2	0.0	26.0





#17

Pvrene

Concen: 1.471 ng/ul

RT: 19.45 min Scan# 5256

Delta R.T. -0.00 min

Lab File: BM025436.D

Acq: 10 Mar 2020 05:06

Instrument :

BNA_M

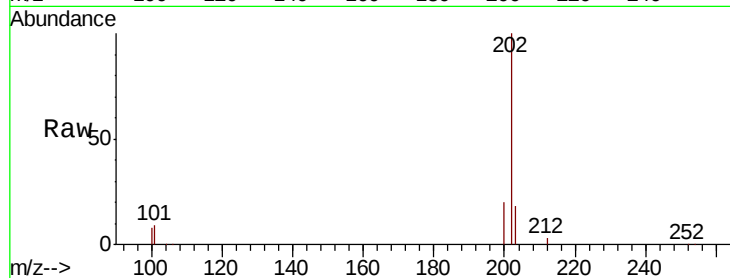
ClientSampled :

DBDP1

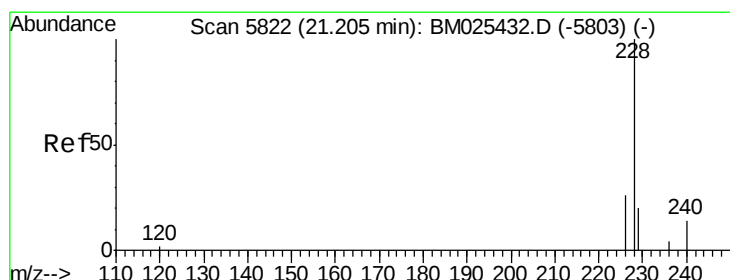
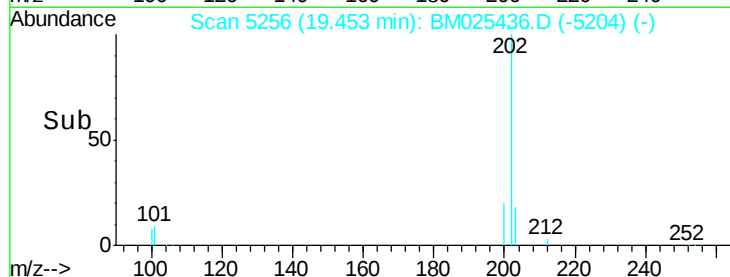
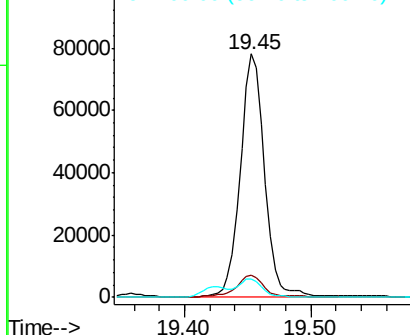
Tot Ion:	202	Resp:	103947
Ion Ratio	Lower	Upper	
202	100		
101	9.3	7.1	10.7
100	7.6	6.0	9.0

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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: 1.193 ng/ul

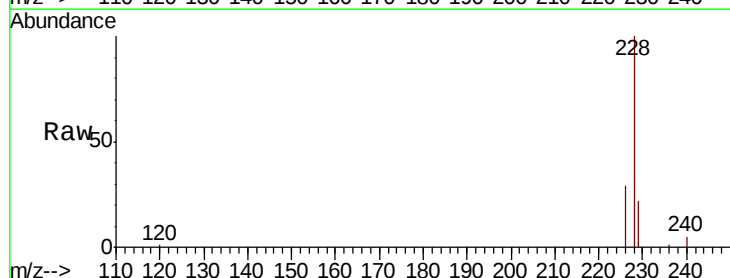
RT: 21.20 min Scan# 5821

Delta R.T. -0.00 min

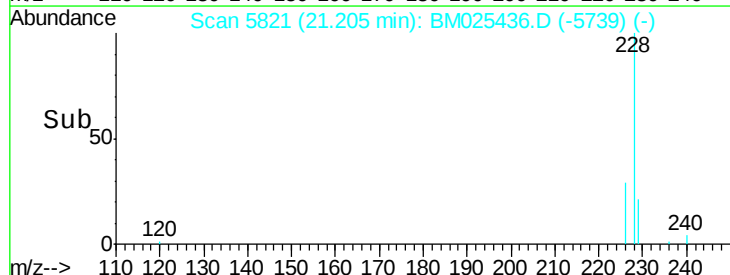
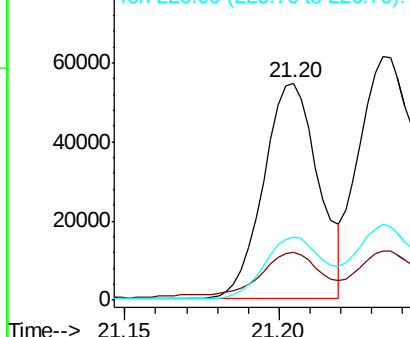
Lab File: BM025436.D

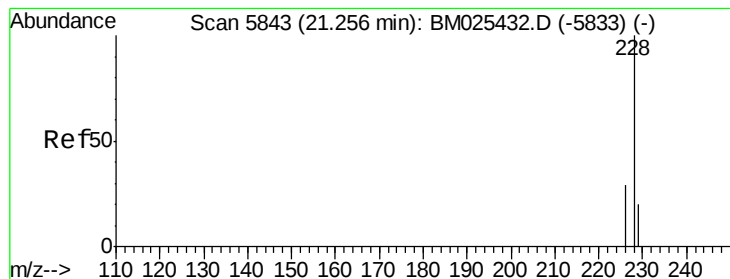
Acq: 10 Mar 2020 05:06

Tgt Ion:	228	Resp:	67106
Ion Ratio	Lower	Upper	
228	100		
229	22.0	15.6	23.4
226	29.3	21.1	31.7



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: 1.871 ng/ul

RT: 21.23 min Scan# 5833

Delta R.T. -0.02 min

Lab File: BM025436.D

Acq: 10 Mar 2020 05:06

Instrument :

BNA_M

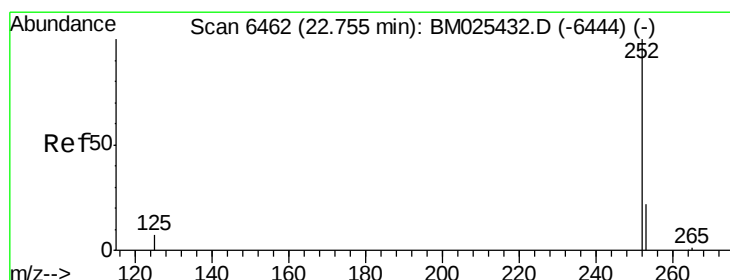
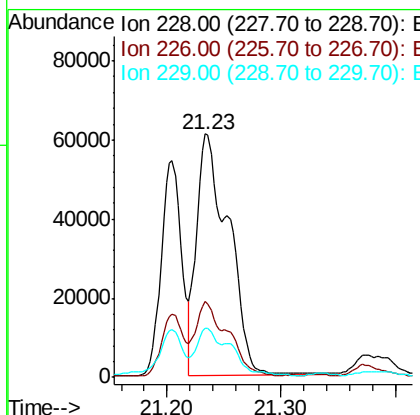
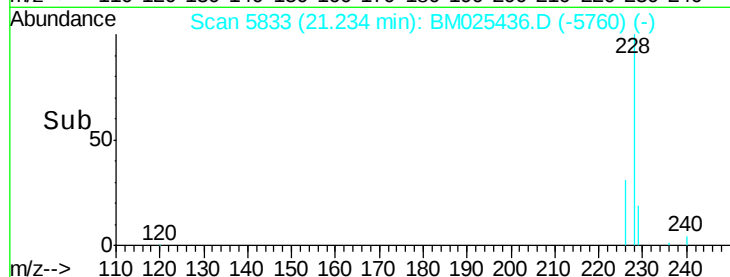
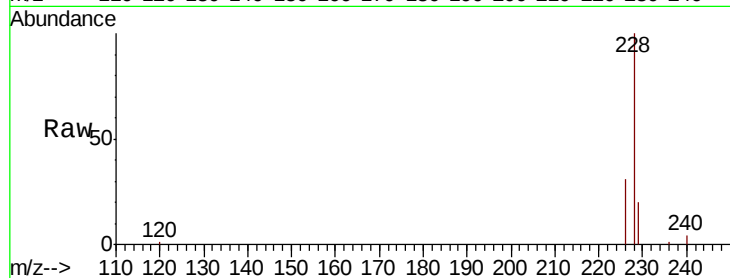
ClientSampleId :

DBDP1

Tot Ion:	228	Resp:	118236
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.6	35.4
229	20.0	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 5.458 ng/ul m

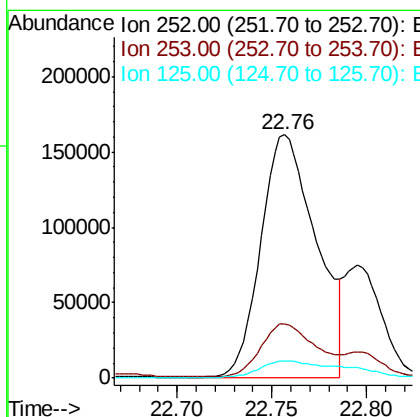
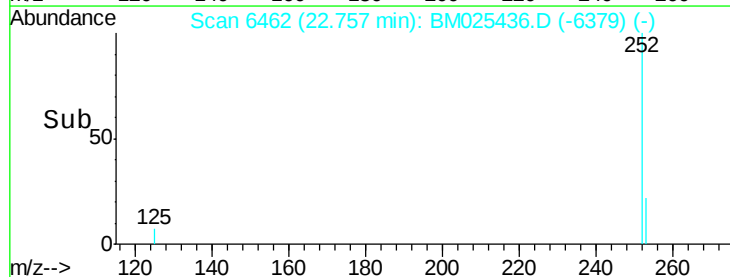
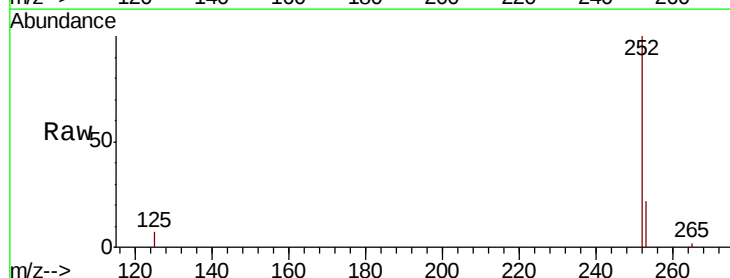
RT: 22.76 min Scan# 6462

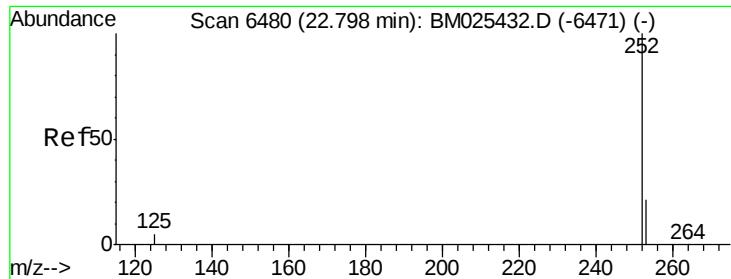
Delta R.T. 0.00 min

Lab File: BM025436.D

Acq: 10 Mar 2020 05:06

Tgt Ion:	252	Resp:	330294
Ion Ratio	Lower	Upper	
252	100		
253	22.3	0.0	50.2
125	7.2	0.0	17.6





#22

Benzo(k)fluoranthene

Concen: 1.656 ng/ul m

RT: 22.80 min Scan# 6478

Delta R.T. -0.00 min

Lab File: BM025436.D

Acq: 10 Mar 2020 05:06

Instrument :

BNA_M

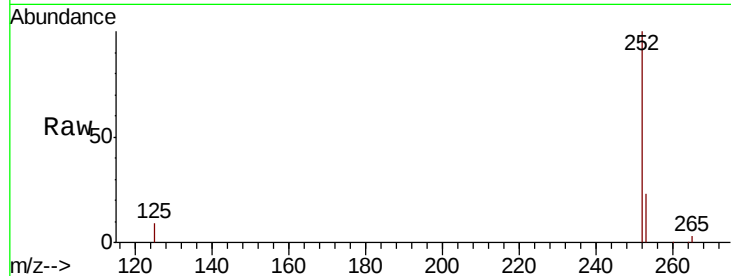
ClientSampleId :

DBDP1

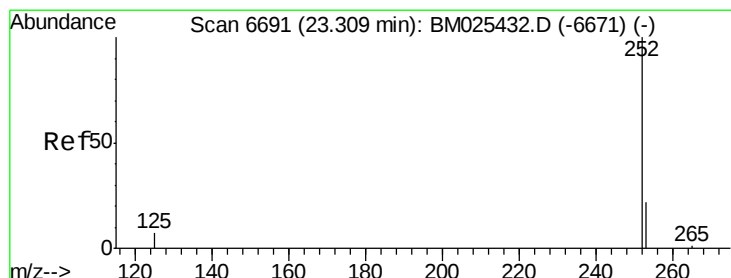
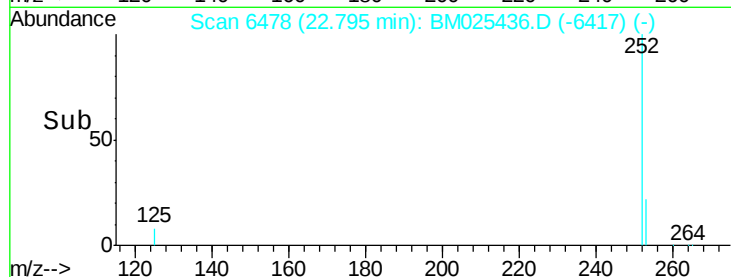
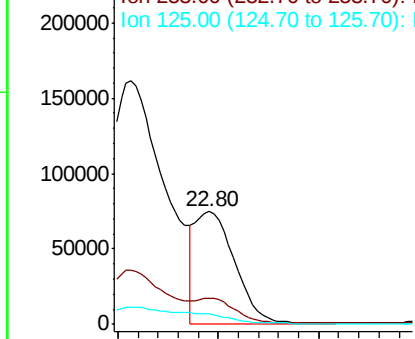
Tot Ion:	252	Resp:	104997
Ion Ratio	Lower	Upper	
252	100		
253	22.8	19.8	29.8
125	9.0	7.1	10.7

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 2.878 ng/ul m

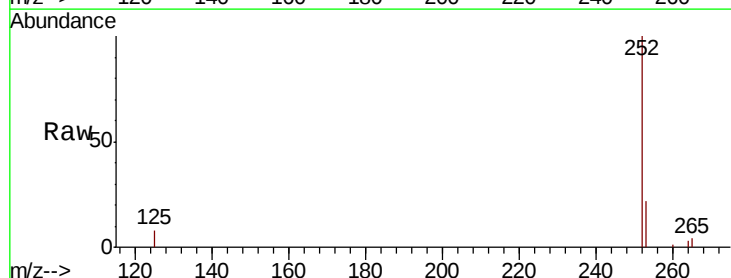
RT: 23.31 min Scan# 6690

Delta R.T. -0.00 min

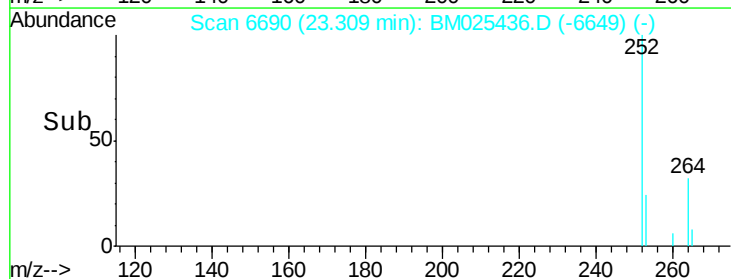
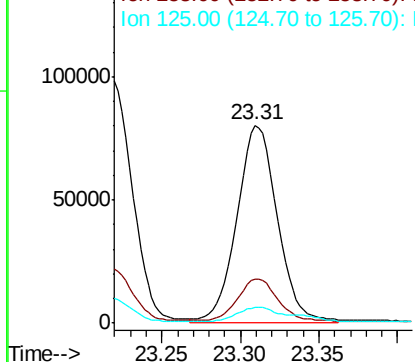
Lab File: BM025436.D

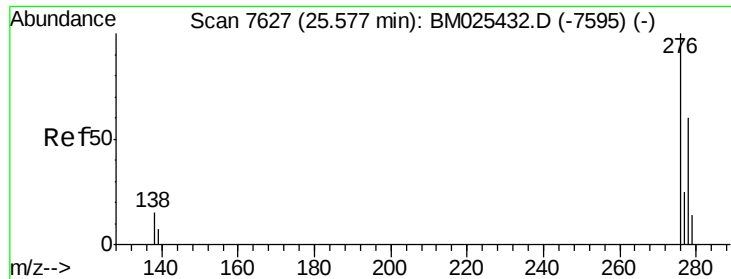
Acq: 10 Mar 2020 05:06

Tgt Ion:	252	Resp:	144636
Ion Ratio	Lower	Upper	
252	100		
253	22.3	21.3	31.9
125	8.1	8.5	12.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





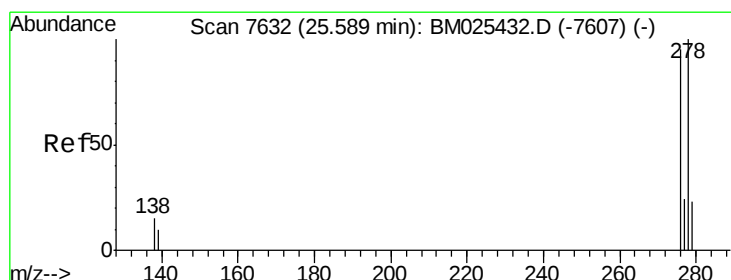
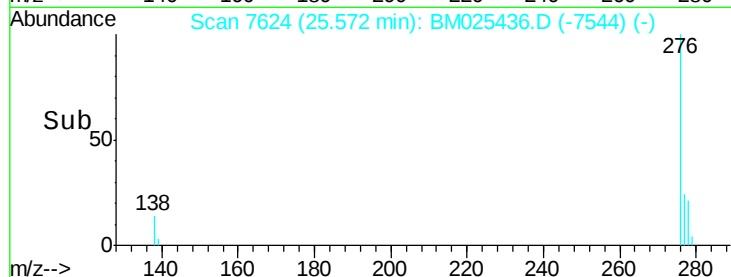
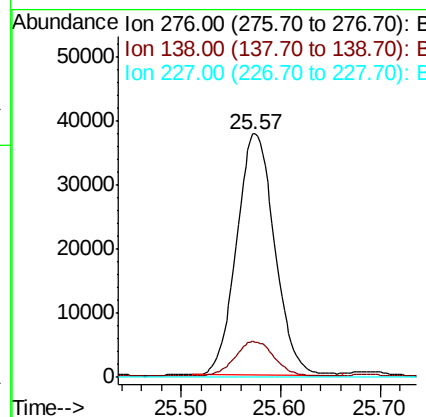
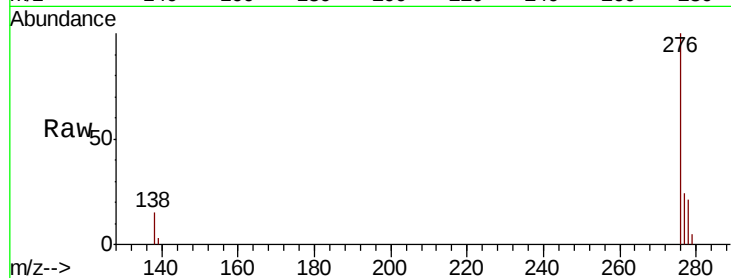
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.471 ng/uL
RT: 25.57 min Scan# 7624
Delta R.T. -0.01 min
Lab File: BM025436.D
Acq: 10 Mar 2020 05:06

Instrument :
BNA_M
ClientSampleId :
DBDP1

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.7	12.3	18.5
227	0.0	0.0	0.0

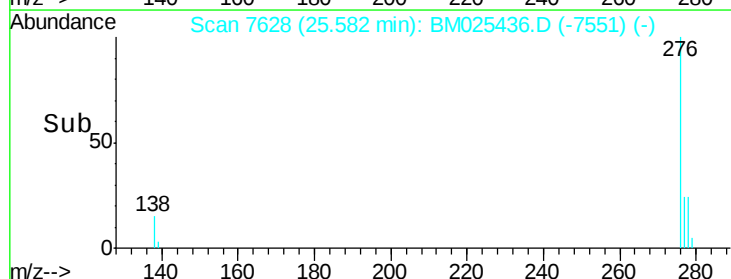
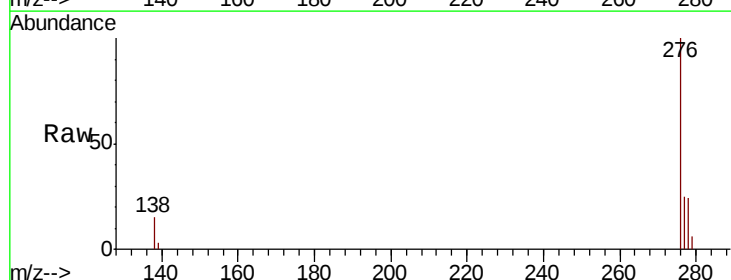
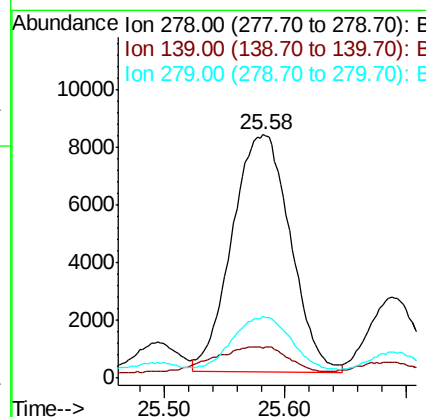
Manual Integrations
APPROVED

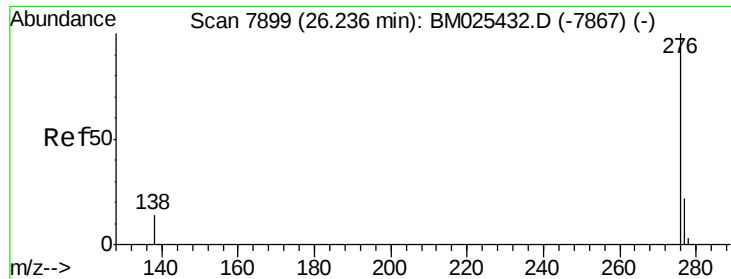
mohammad
3/11/2020 8:00:46 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.481 ng/uL
RT: 25.58 min Scan# 7628
Delta R.T. -0.01 min
Lab File: BM025436.D
Acq: 10 Mar 2020 05:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.5	9.0	13.6
279	25.2	21.1	31.7





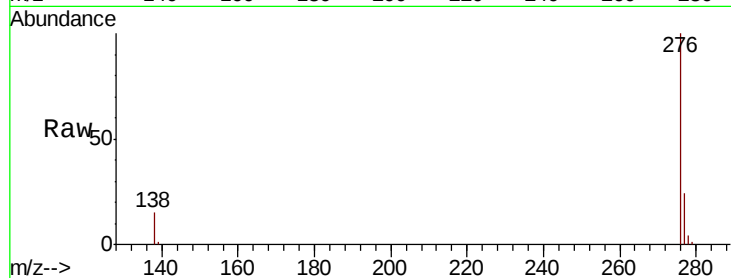
#26
Benzo(a,h,i)perylene
Concen: 0.958 ng/ul
RT: 26.24 min Scan# 7899
Delta R.T. -0.00 min
Lab File: BM025436.D
Acq: 10 Mar 2020 05:06

Instrument :
BNA_M
ClientSampleId :
DBDP1

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.1	11.0	16.4
277	24.0	19.8	29.6

Manual Integrations
APPROVED

mohammad
3/11/2020 8:00:46 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

