

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025217.D
 Acq On : 03 Mar 2020 18:10
 Operator : CG/JU
 Sample : L1507-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD11

Manual Integrations
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 3/4/2020 7:52:58 AM

Quant Time: Mar 03 18:44:40 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 : Tue Mar 03 14:30:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	2772	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	10943	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	7941	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	19098	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	18300	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	17057	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	3936	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	12386	0.20	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.50	128	14299	0.434	ng/ul#	82
5) 2-Methylnaphthalene	12.12	142	8197	0.342	ng/ul	100
7) Acenaphthylene	14.02	152	7544	0.203	ng/ul	95
8) Acenaphthene	14.37	153	891	0.031	ng/ul	96
9) Fluorene	15.36	166	4697	0.130	ng/ul	96
12) Phenanthrene	17.09	178	29080	0.472	ng/ul	96
13) Anthracene	17.18	178	4787	0.088	ng/ul	100
15) Fluoranthene	19.11	202	23161	0.300	ng/ul	94
17) Pyrene	19.47	202	34865	0.502	ng/ul#	94
18) Benzo(a)anthracene	21.22	228	10811	0.161	ng/ul	96
19) Chrysene	21.27	228	12067	0.163	ng/ul	100
21) Benzo(b)fluoranthene	22.78	252	9332m	0.137	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	4764m	0.067	ng/ul	
23) Benzo(a)pyrene	23.33	252	7425	0.130	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.61	276	4206	0.059	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.63	278	1464	0.025	ng/ul#	55
26) Benzo(a,h,i)perylene	26.28	276	3816	0.063	ng/ul	92

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

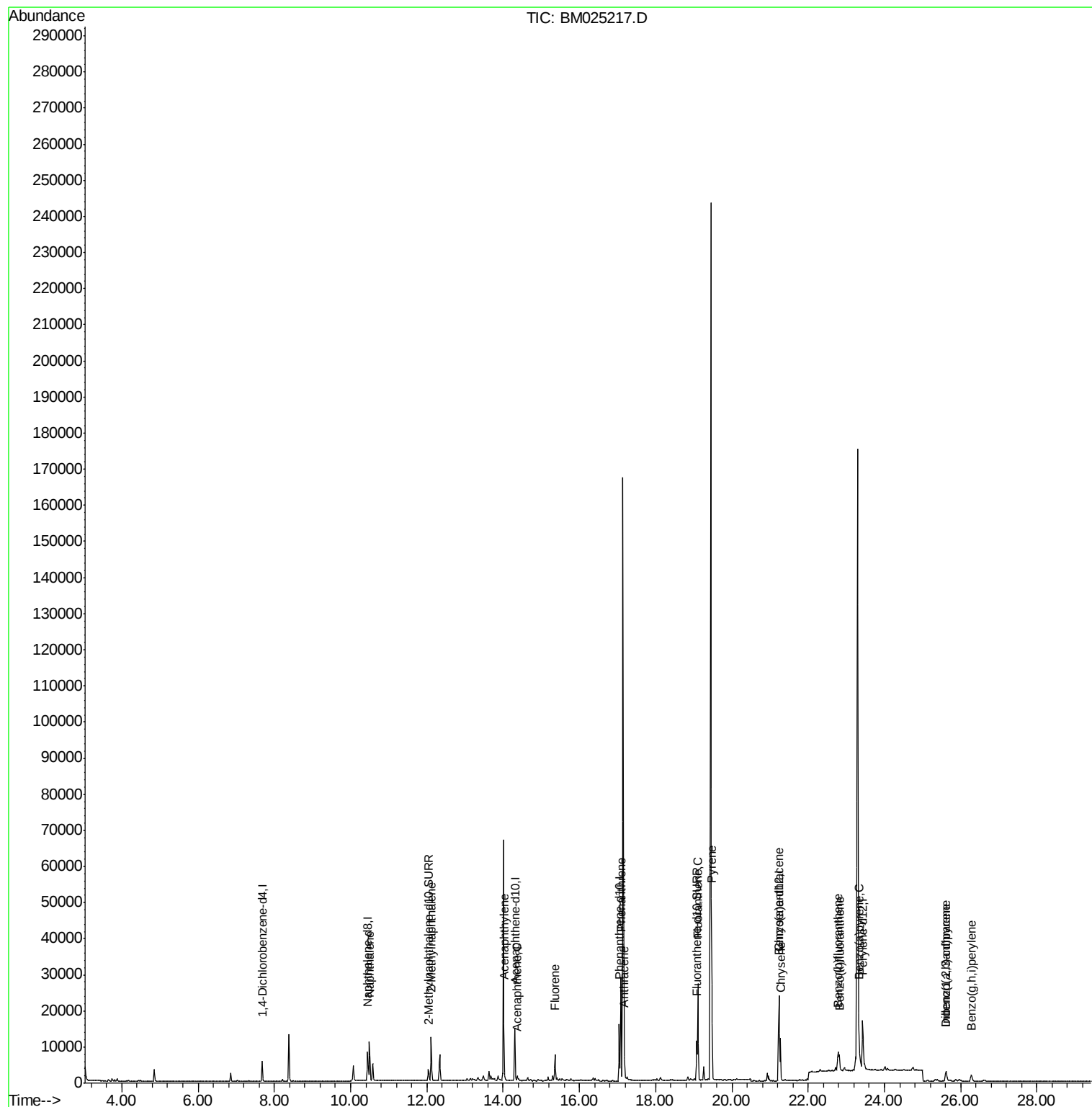
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
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ALS Vial : 14 Sample Multiplier: 1

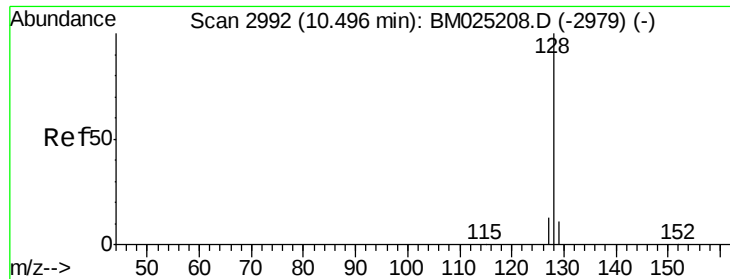
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
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QLast Update : Tue Mar 03 14:30:08 2020
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#3

Naphthalene

Concen: 0.434 ng/ul

RT: 10.50 min Scan# 2992

Delta R.T. -0.00 min

Lab File: BM025217.D

Acq: 03 Mar 2020 18:10

Instrument :

BNA_M

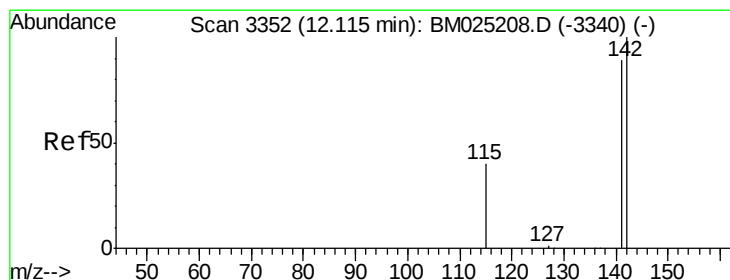
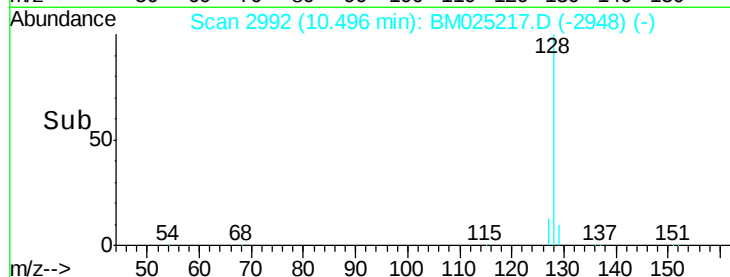
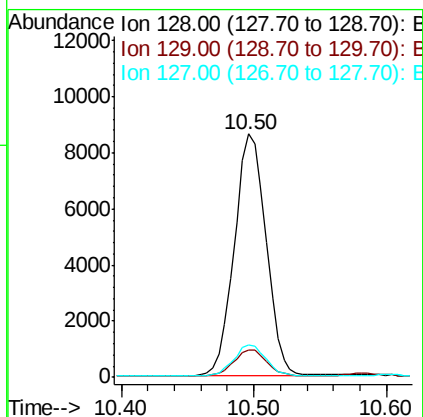
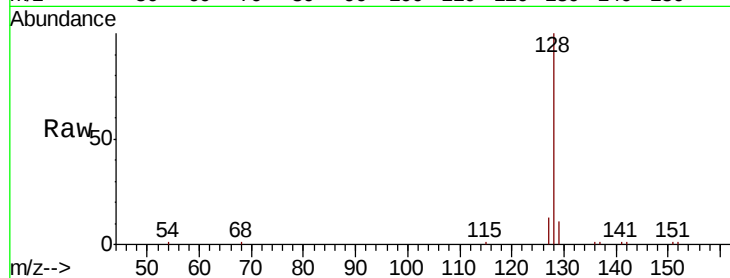
ClientSampleId :

DBD11

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	17.0	25.6#
127	13.4	15.7	23.5#

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#5

2-Methylnaphthalene

Concen: 0.342 ng/ul

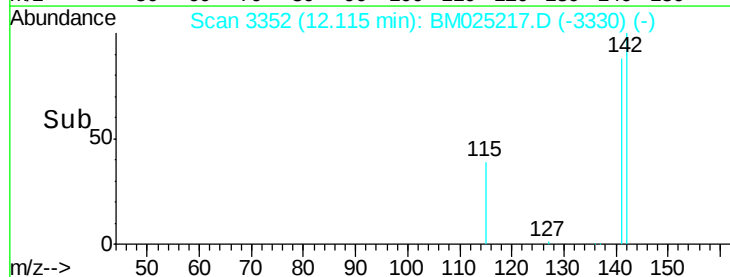
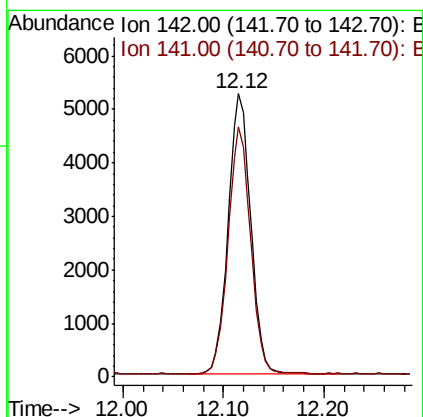
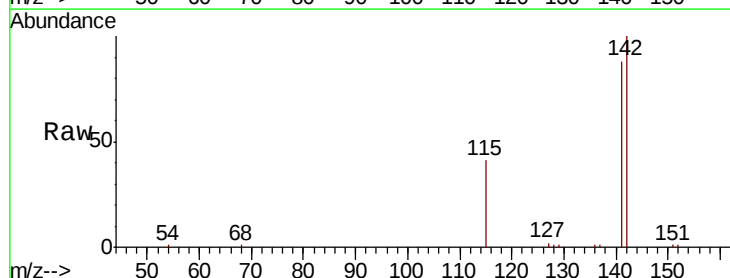
RT: 12.12 min Scan# 3352

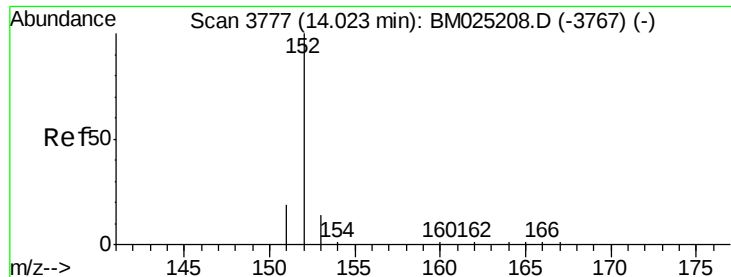
Delta R.T. -0.00 min

Lab File: BM025217.D

Acq: 03 Mar 2020 18:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.5	69.8	104.8





#7

Acenaphthylene

Concen: 0.203 ng/ul

RT: 14.02 min Scan# 3777

Delta R.T. -0.00 min

Lab File: BM025217.D

Acq: 03 Mar 2020 18:10

Instrument :

BNA_M

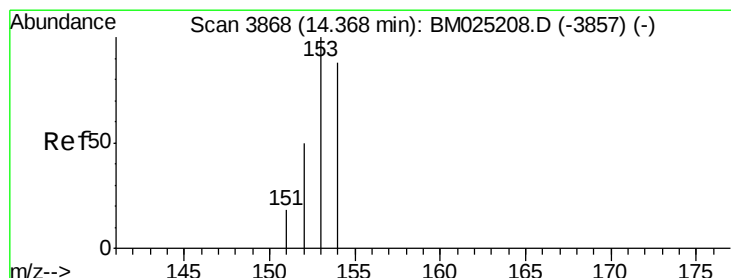
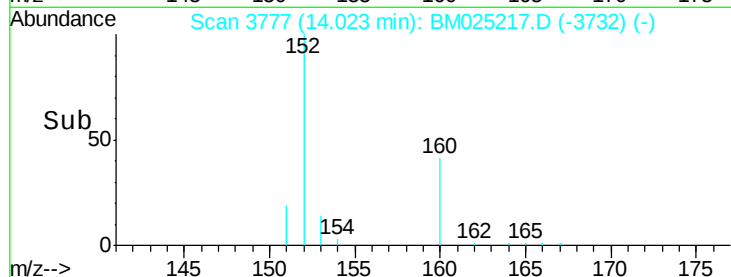
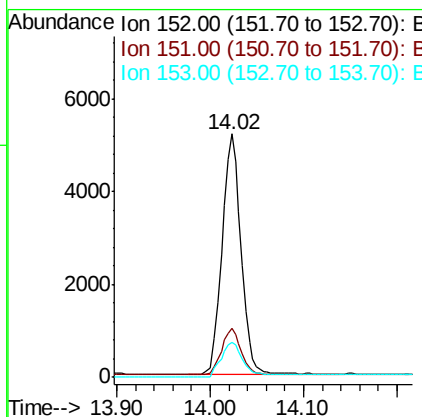
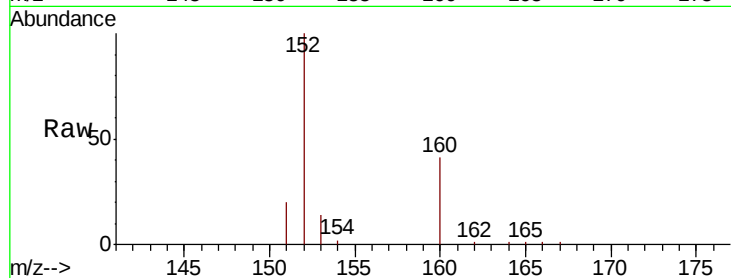
ClientSampleId :

DBD11

Tot Ion:	152	Resp:	7544
Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.8	26.8
153	14.2	13.3	19.9

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#8

Acenaphthene

Concen: 0.031 ng/ul

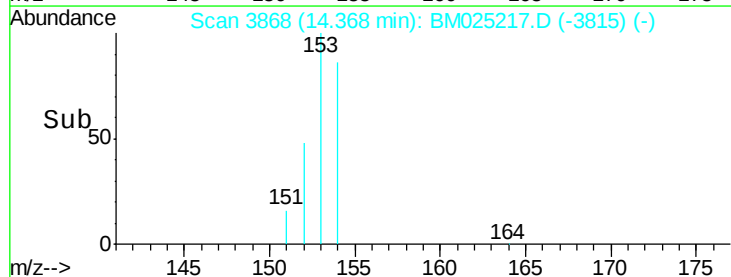
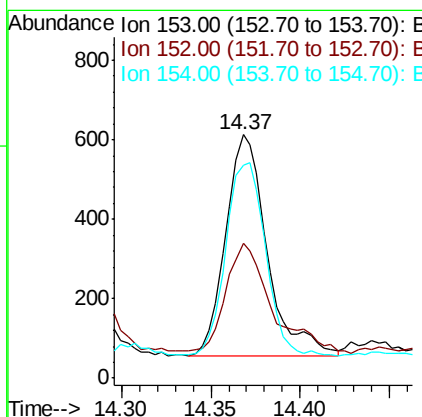
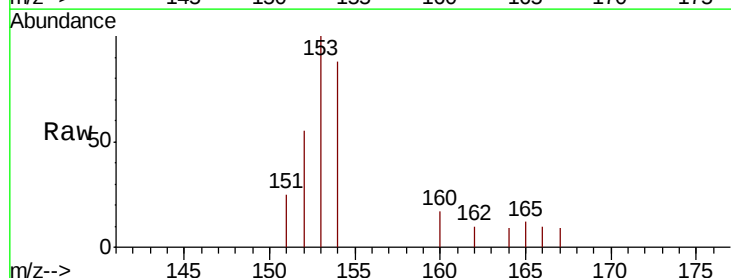
RT: 14.37 min Scan# 3868

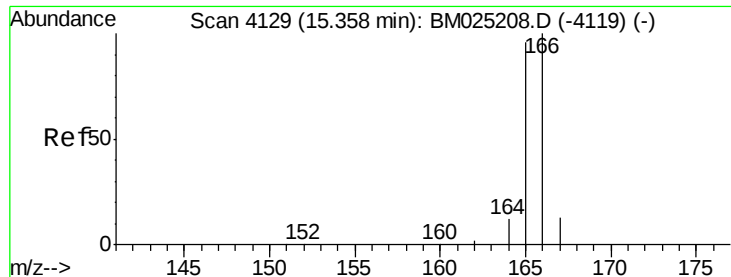
Delta R.T. -0.00 min

Lab File: BM025217.D

Acq: 03 Mar 2020 18:10

Tgt Ion:	153	Resp:	891
Ion	Ratio	Lower	Upper
153	100		
152	55.3	40.0	60.0
154	87.6	71.0	106.6





#9

Fluorene

Concen: 0.130 ng/ul

RT: 15.36 min Scan# 4129

Delta R.T. -0.00 min

Lab File: BM025217.D

Acq: 03 Mar 2020 18:10

Instrument :

BNA_M

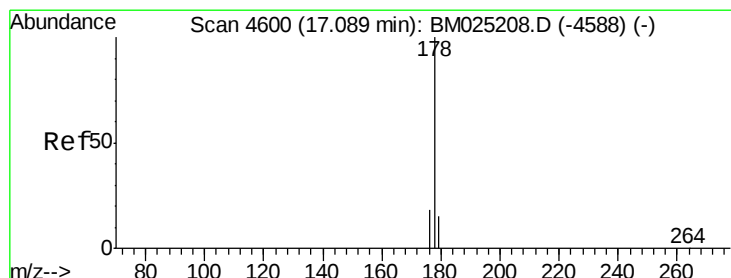
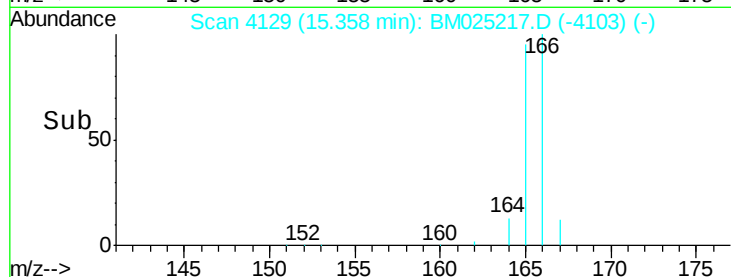
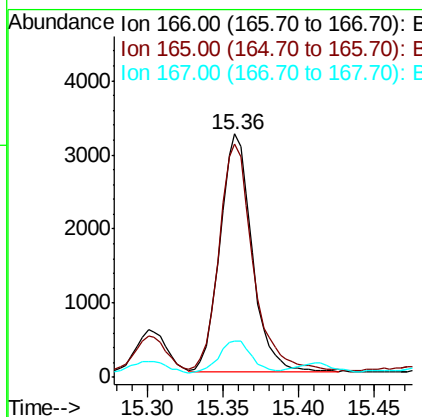
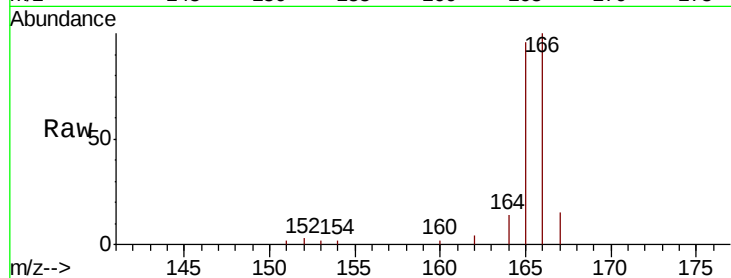
ClientSampleId :

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Tot Ion:	166	Resp:	4697
Ion	Ratio	Lower	Upper
166	100		
165	96.1	80.0	120.0
167	15.1	13.7	20.5

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#12

Phenanthrene

Concen: 0.472 ng/ul

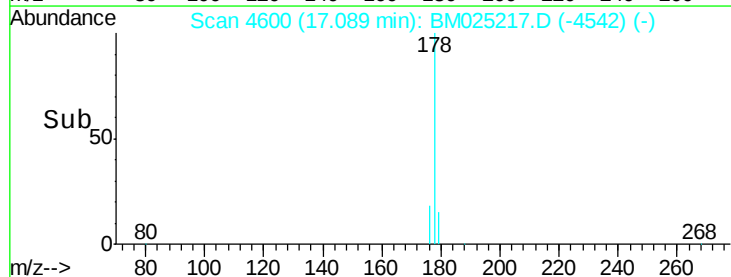
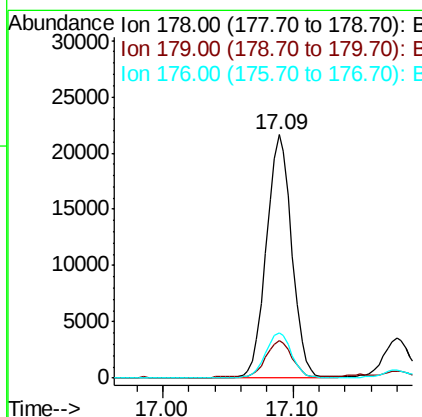
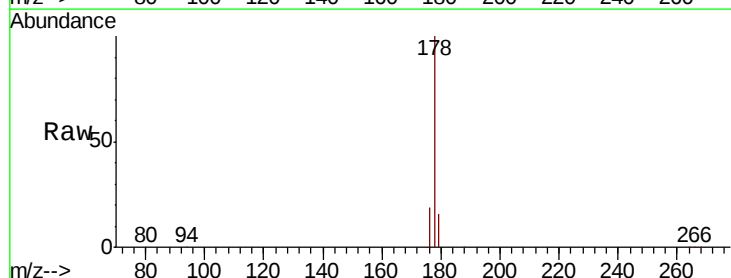
RT: 17.09 min Scan# 4600

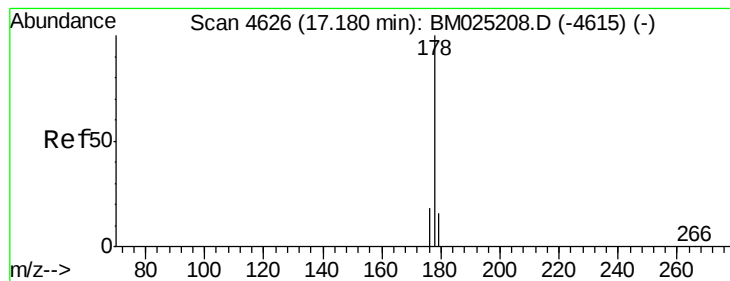
Delta R.T. 0.00 min

Lab File: BM025217.D

Acq: 03 Mar 2020 18:10

Tgt Ion:	178	Resp:	29080
Ion	Ratio	Lower	Upper
178	100		
179	15.6	14.0	21.0
176	18.6	16.6	24.8





#13

Anthracene

Concen: 0.088 ng/ul

RT: 17.18 min Scan# 4626

Delta R.T. 0.00 min

Lab File: BM025217.D

Acq: 03 Mar 2020 18:10

Instrument :

BNA_M

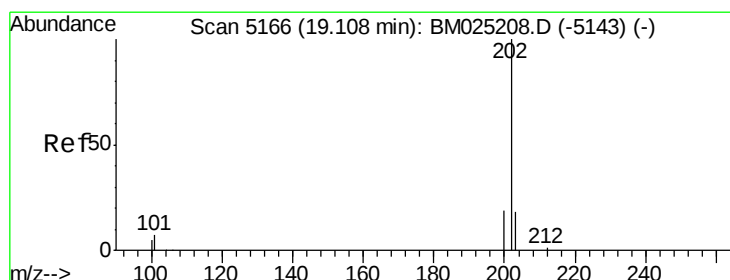
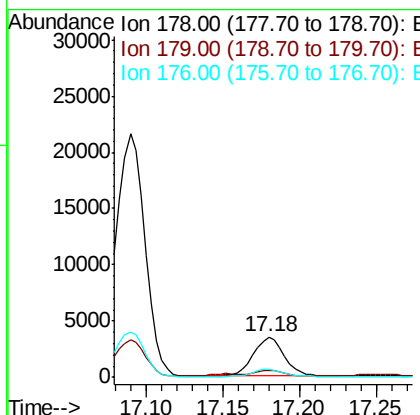
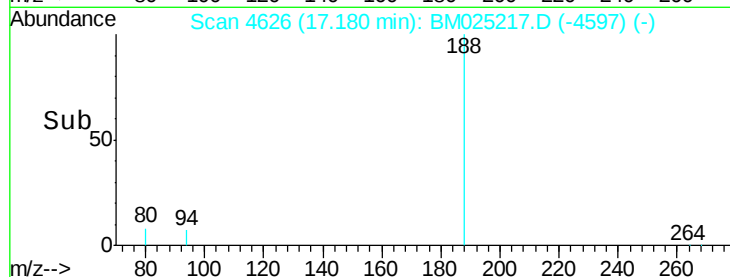
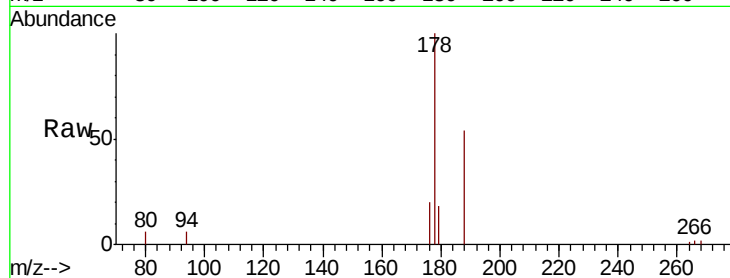
ClientSampleId :

DBD11

Tot Ion:	178	Resp:	4787
Ion Ratio	Lower	Upper	
178	100		
179	17.7	14.1	21.1
176	20.1	16.2	24.4

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#15

Fluoranthene

Concen: 0.300 ng/ul

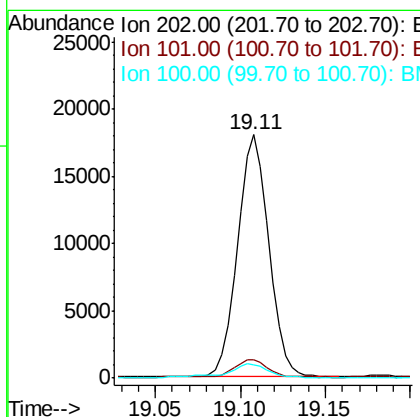
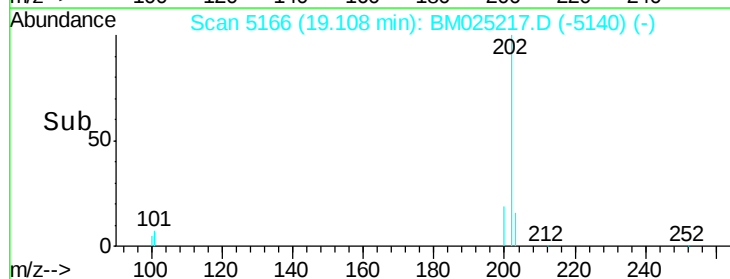
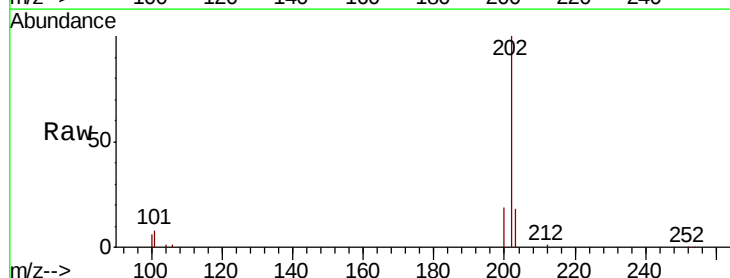
RT: 19.11 min Scan# 5166

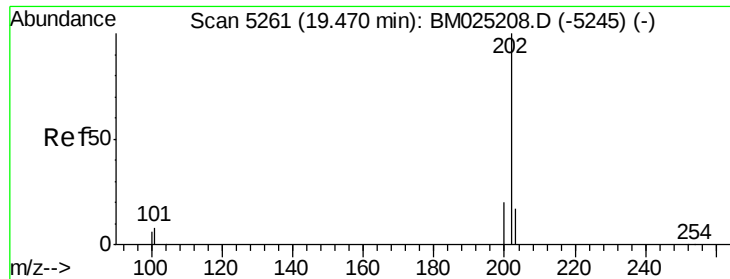
Delta R.T. 0.00 min

Lab File: BM025217.D

Acq: 03 Mar 2020 18:10

Tgt Ion:	202	Resp:	23161
Ion Ratio	Lower	Upper	
202	100		
101	7.5	0.0	29.4
100	5.6	0.0	28.0





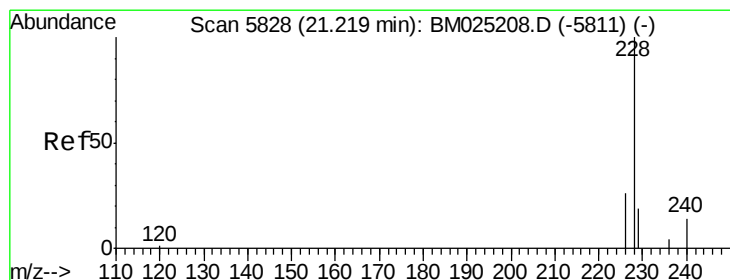
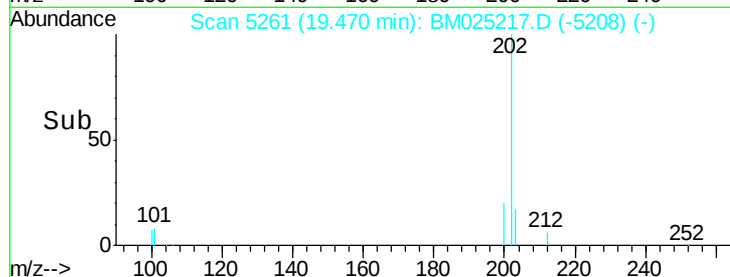
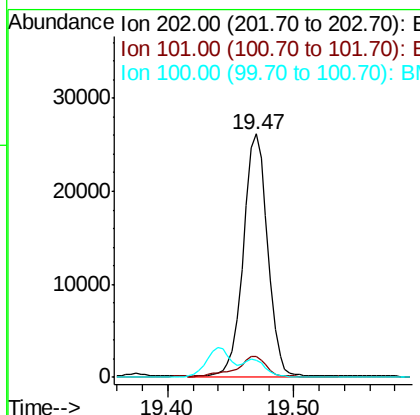
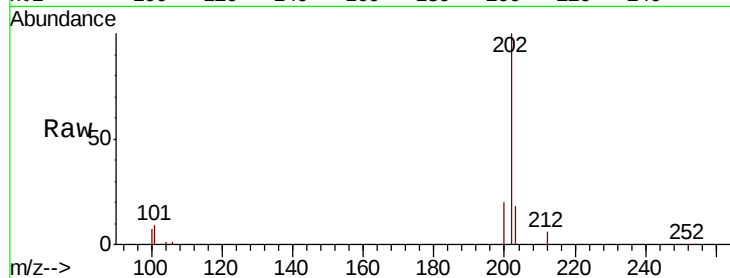
#17
Pvrene
Concen: 0.502 ng/ul
RT: 19.47 min Scan# 5261
Delta R.T. 0.00 min
Lab File: BM025217.D
Acq: 03 Mar 2020 18:10

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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.6	8.7	13.1#
100	7.1	7.3	10.9#

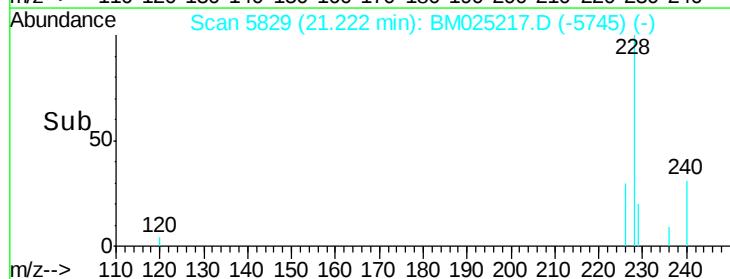
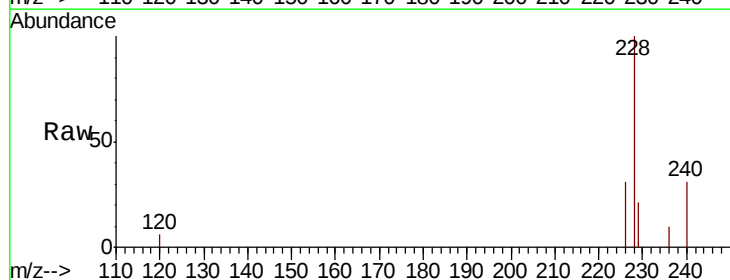
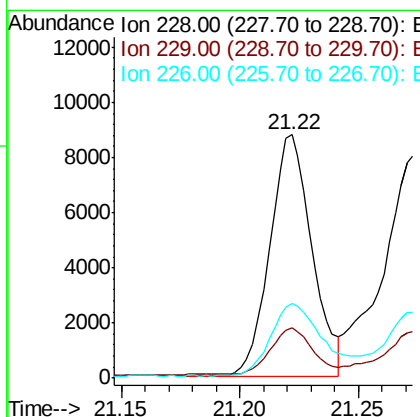
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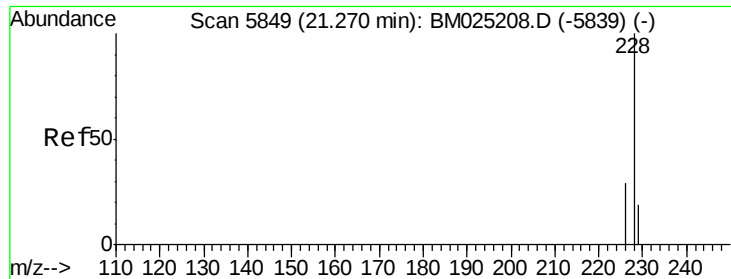
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#18
Benzo(a)anthracene
Concen: 0.161 ng/ul
RT: 21.22 min Scan# 5829
Delta R.T. 0.00 min
Lab File: BM025217.D
Acq: 03 Mar 2020 18:10

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.8	16.6	25.0
226	30.7	21.9	32.9





#19

Chrysene

Concen: 0.163 ng/ul

RT: 21.27 min Scan# 5850

Delta R.T. 0.00 min

Lab File: BM025217.D

Acq: 03 Mar 2020 18:10

Instrument :

BNA_M

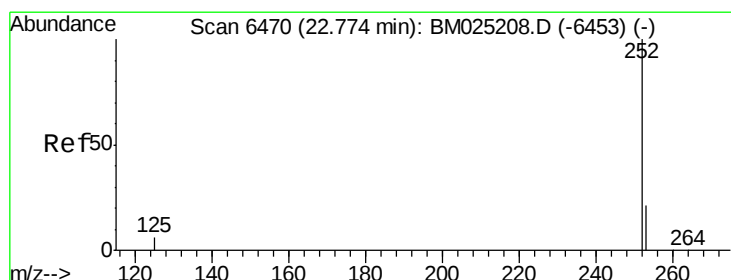
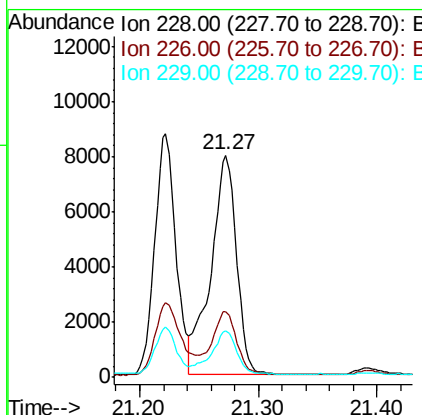
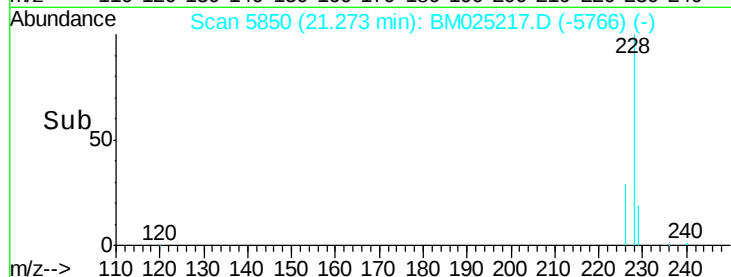
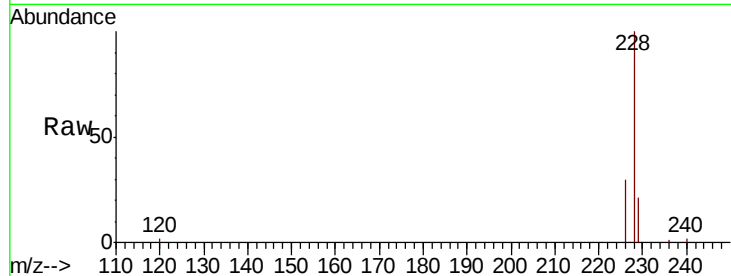
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Tot Ion:	228	Resp:	12067
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	20.8	16.9	25.3

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#21

Benzo(b)fluoranthene

Concen: 0.137 ng/ul m

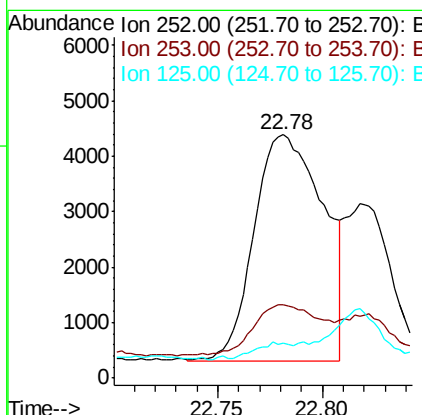
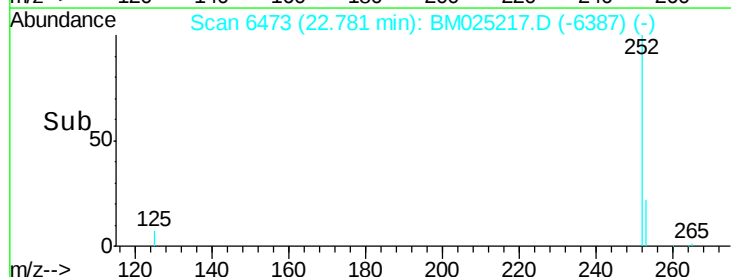
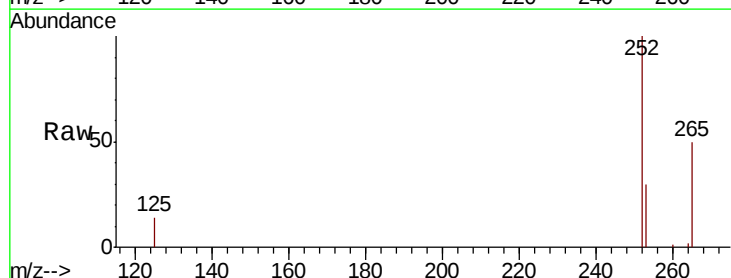
RT: 22.78 min Scan# 6473

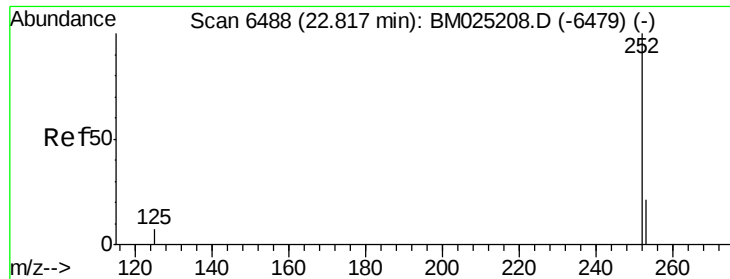
Delta R.T. 0.01 min

Lab File: BM025217.D

Acq: 03 Mar 2020 18:10

Tgt Ion:	252	Resp:	9332
Ion	Ratio	Lower	Upper
252	100		
253	30.3	0.0	49.8
125	14.3	0.0	28.6





#22

Benzo(k)fluoranthene

Concen: 0.067 ng/ul m

RT: 22.82 min Scan# 6488

Delta R.T. 0.00 min

Lab File: BM025217.D

Acq: 03 Mar 2020 18:10

Instrument :

BNA_M

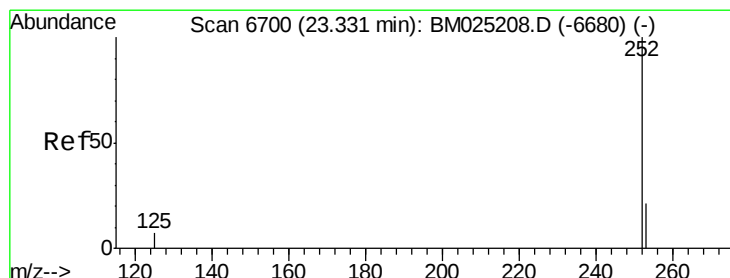
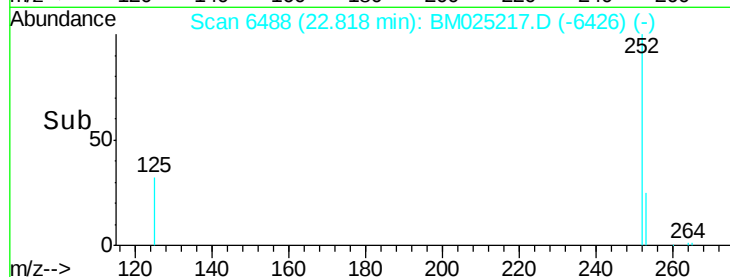
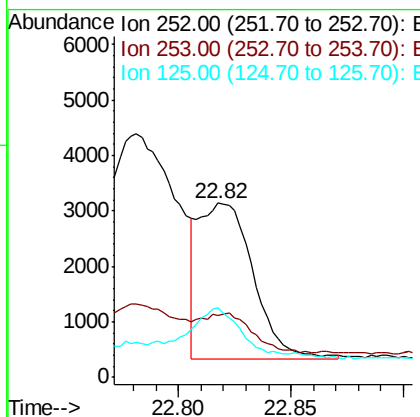
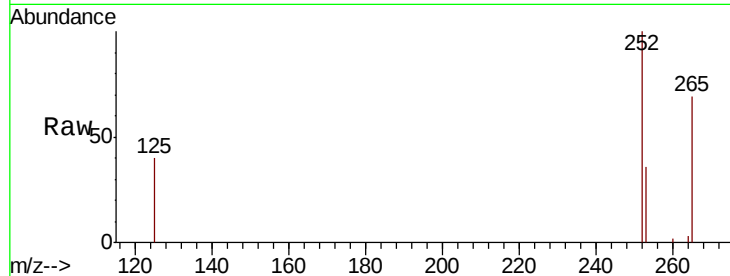
ClientSampleId :

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Tot Ion:	252	Resp:	4764
Ion Ratio	Lower	Upper	
252	100		
253	35.8	19.4	29.0#
125	39.8	10.7	16.1#

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#23

Benzo(a)pyrene

Concen: 0.130 ng/ul

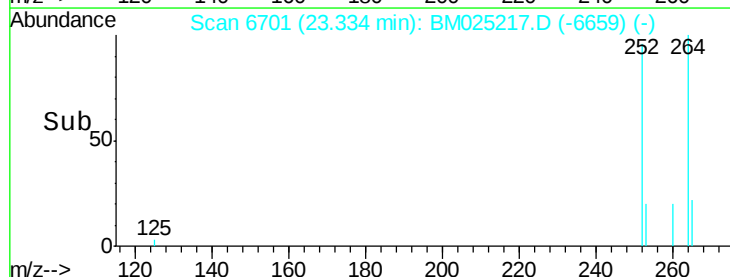
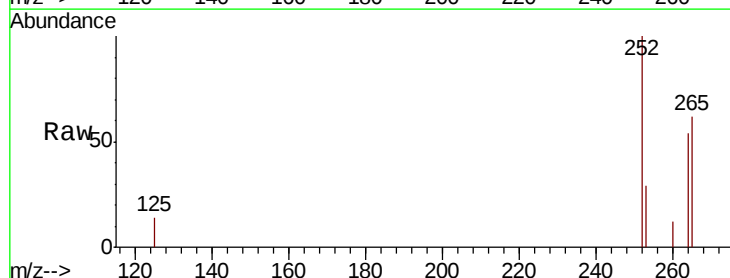
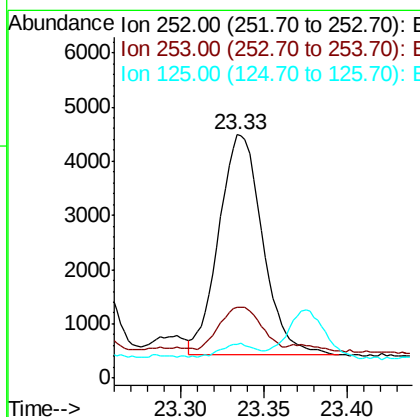
RT: 23.33 min Scan# 6701

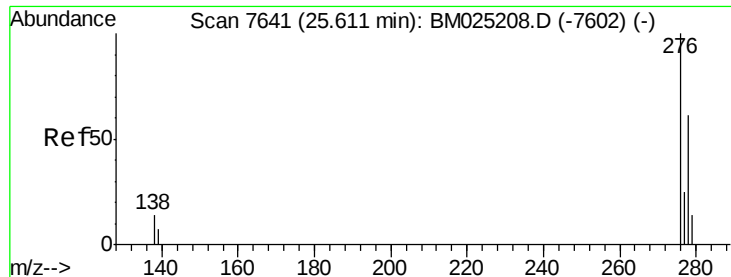
Delta R.T. 0.00 min

Lab File: BM025217.D

Acq: 03 Mar 2020 18:10

Tgt Ion:	252	Resp:	7425
Ion Ratio	Lower	Upper	
252	100		
253	28.8	20.3	30.5
125	13.9	13.0	19.4





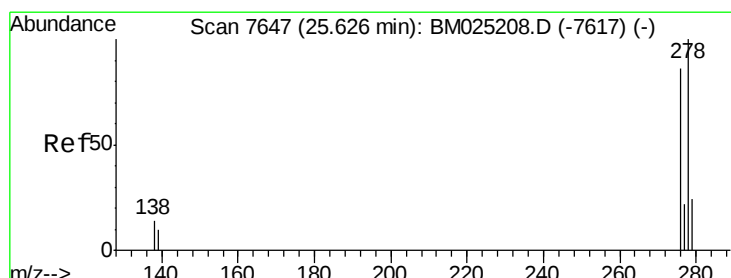
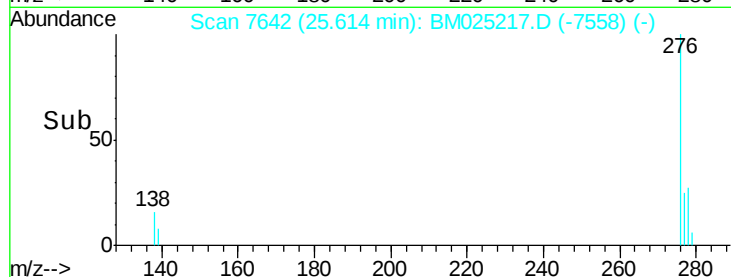
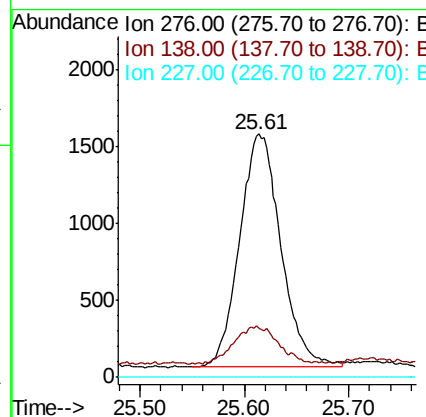
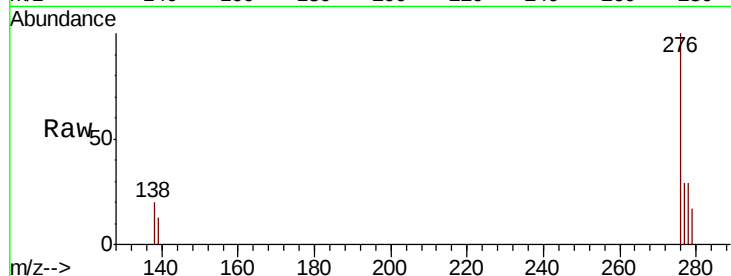
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.059 ng/uL
 RT: 25.61 min Scan# 7642
 Delta R.T. 0.00 min
 Lab File: BM025217.D
 Acq: 03 Mar 2020 18:10

Instrument :
 BNA_M
 ClientSampleId :
 DBD11

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.8	0.0	0.0#
227	0.0	0.0	0.0

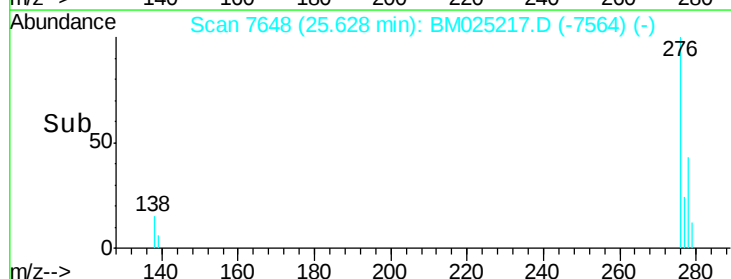
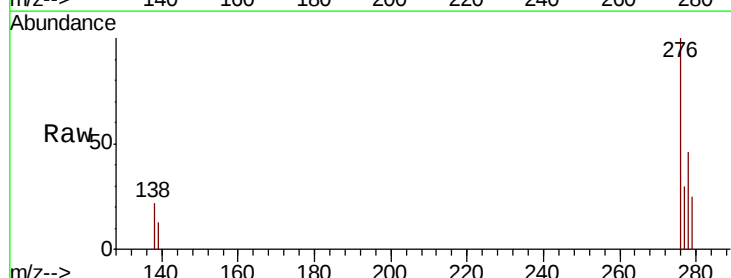
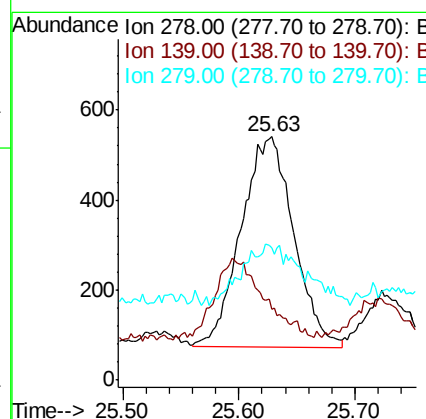
Manual Integrations
 APPROVED

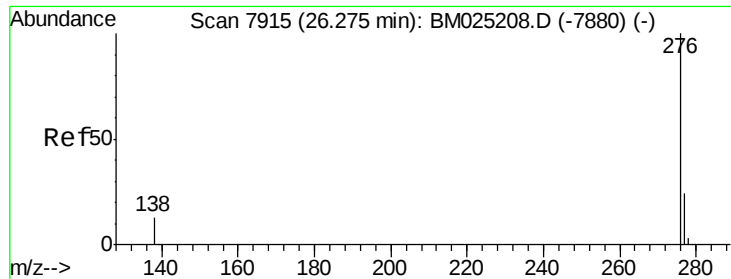
mohammad
 3/4/2020 7:52:58 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.025 ng/uL
 RT: 25.63 min Scan# 7648
 Delta R.T. 0.00 min
 Lab File: BM025217.D
 Acq: 03 Mar 2020 18:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.0	13.2	19.8#
279	54.3	21.0	31.4#





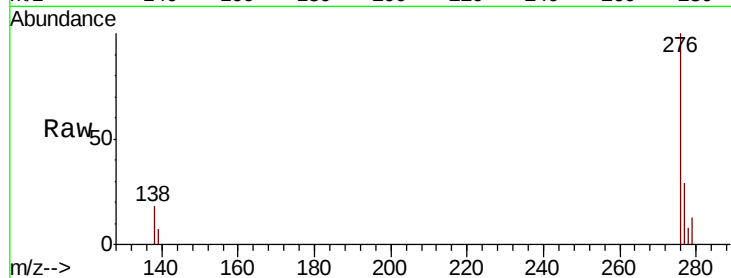
#26
Benzo(a,h,i)perylene
Concen: 0.063 ng/ul
RT: 26.28 min Scan# 7917
Delta R.T. 0.01 min
Lab File: BM025217.D
Acq: 03 Mar 2020 18:10

Instrument :
BNA_M
ClientSampleId :
DBD11

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.4	17.9	26.9
277	29.0	20.5	30.7

Manual Integrations
APPROVED

mohammad
3/4/2020 7:52:58 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

