

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Data File : BM021815.D
 Acq On : 04 Aug 2019 16:36
 Operator : HP/JU
 Sample : K3850-10DL 5X
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENR6DL

Manual Integrations
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 8/5/2019 10:15:48 PM

Quant Time: Aug 05 07:36:58 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Aug 05 06:57:04 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	978	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	3966	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	2308	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	5570	0.40	ng/ul	-0.01
16) Chrysene-d12	21.24	240	5785	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	8482	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	291	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	935	0.05	ng/ul	-0.01
Target Compounds				Qvalue		
7) Acenaphthylene	14.01	152	558	0.052	ng/ul#	81
8) Acenaphthene	14.35	153	308	0.035	ng/ul	94
9) Fluorene	15.35	166	379	0.039	ng/ul#	90
12) Phenanthrene	17.08	178	8248	0.509	ng/ul	98
13) Anthracene	17.18	178	1340	0.097	ng/ul#	89
15) Fluoranthene	19.11	202	24498	1.128	ng/ul	97
17) Pyrene	19.47	202	24415	1.027	ng/ul	100
18) Benzo(a)anthracene	21.23	228	11518	0.557	ng/ul	99
19) Chrysene	21.28	228	15692	0.590	ng/ul	98
21) Benzo(b)fluoranthene	22.79	252	21710m	0.759	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	8355m	0.258	ng/ul	
23) Benzo(a)pyrene	23.36	252	14108	0.485	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.68	276	11821	0.340	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.68	278	2596	0.092	ng/ul#	78
26) Benzo(g,h,i)perylene	26.36	276	12218	0.391	ng/ul	99

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

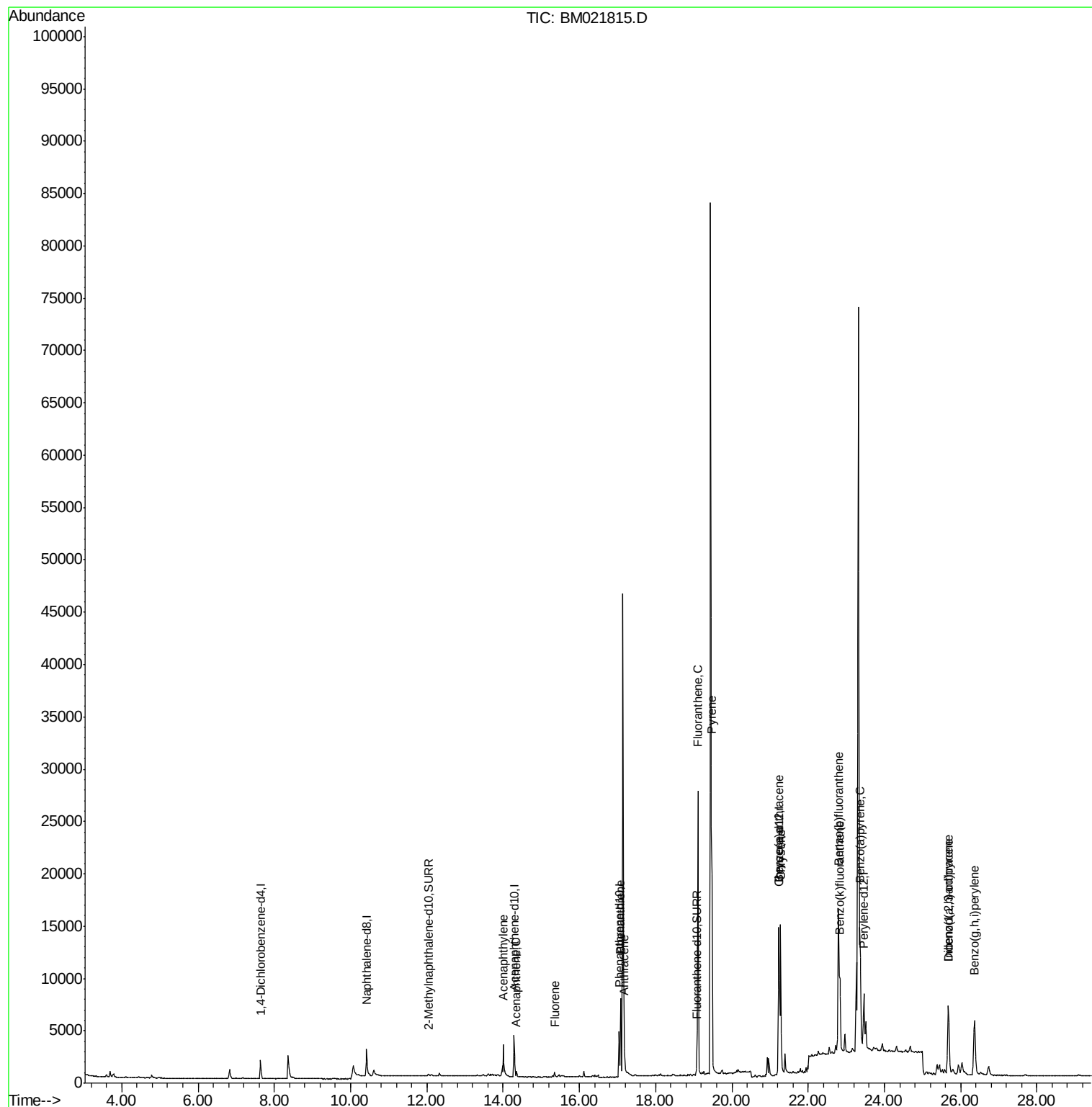
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
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Misc :
ALS Vial : 58 Sample Multiplier: 1

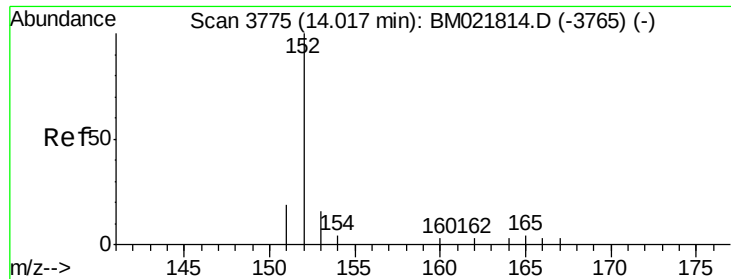
Instrument :
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QLast Update : Mon Aug 05 06:57:04 2019
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#7

Acenaphthylene

Concen: 0.052 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.01 min

Lab File: BM021815.D

Acq: 04 Aug 2019 16:36

Instrument :

BNA_M

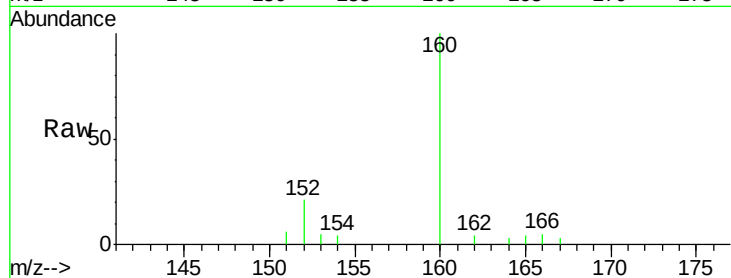
ClientSampled :

BENR6DL

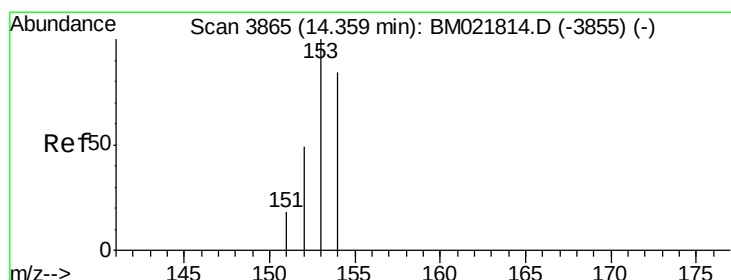
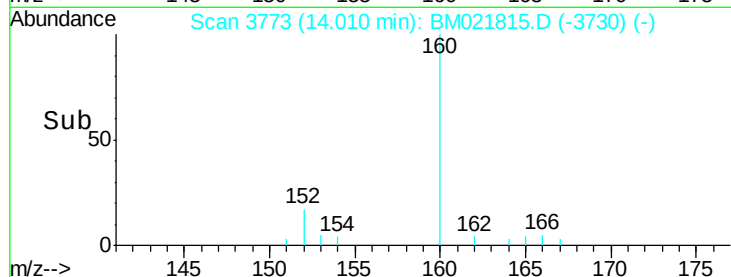
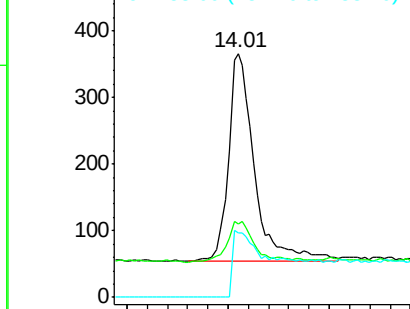
Tgt Ion:	152	Resp:	558
Ion Ratio	Lower	Upper	
152	100		
151	30.1	18.3	27.5#
153	26.5	12.8	19.2#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.035 ng/ul

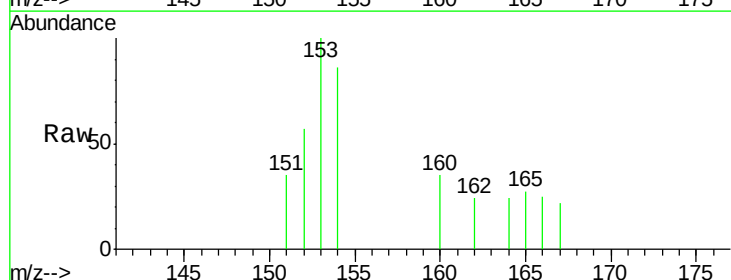
RT: 14.35 min Scan# 3864

Delta R.T. -0.00 min

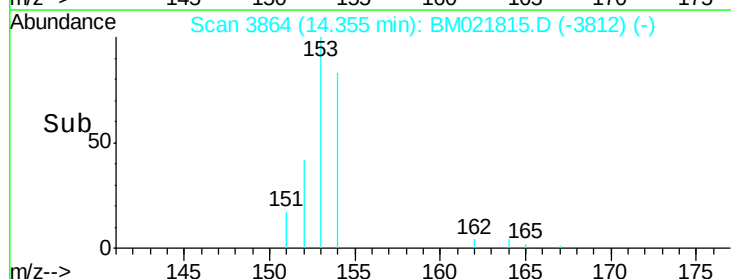
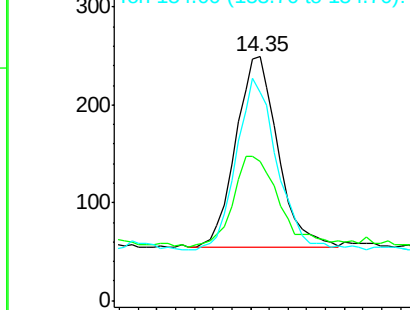
Lab File: BM021815.D

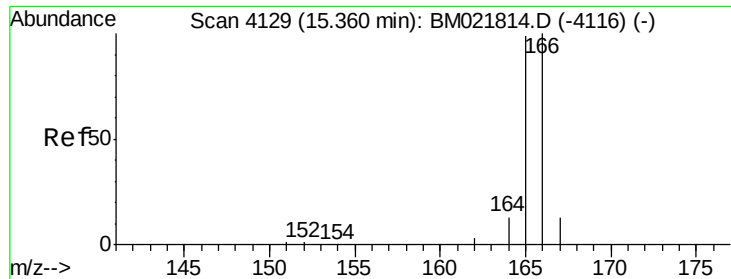
Acq: 04 Aug 2019 16:36

Tgt Ion:	153	Resp:	308
Ion Ratio	Lower	Upper	
153	100		
152	57.0	41.3	61.9
154	85.5	72.3	108.5



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.039 ng/ul

RT: 15.35 min Scan# 4126

Delta R.T. -0.01 min

Lab File: BM021815.D

Acq: 04 Aug 2019 16:36

Instrument :

BNA_M

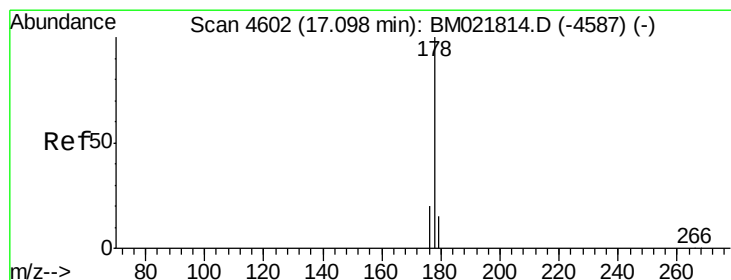
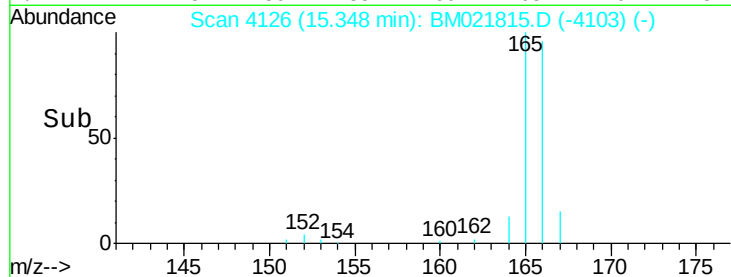
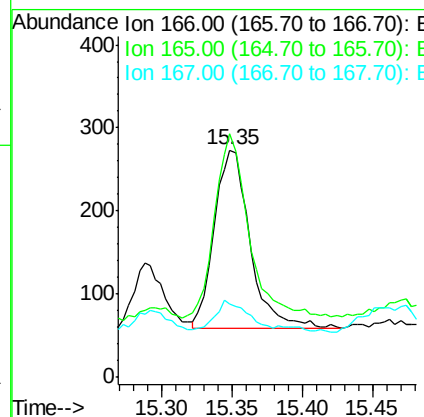
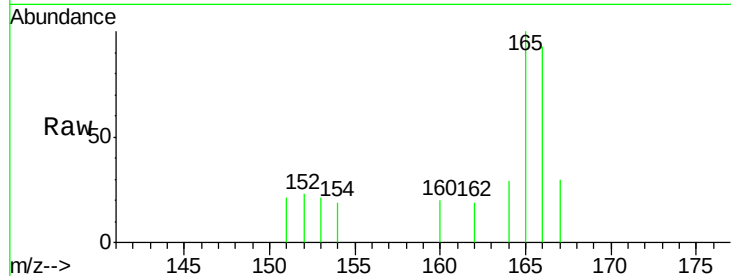
ClientSampleId :

BENR6DL

Tgt Ion:	166	Resp:	379
Ion Ratio	Lower	Upper	
166	100		
165	107.3	81.4	122.0
167	32.2	13.7	20.5#

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#12

Phenanthrene

Concen: 0.509 ng/ul

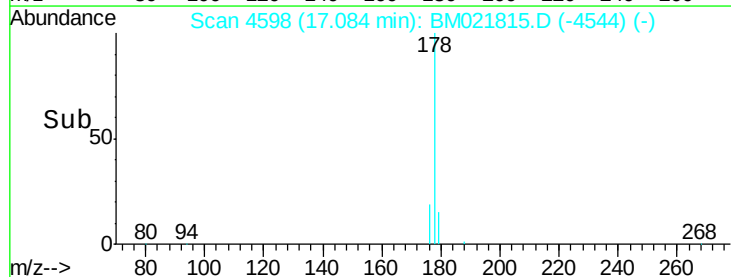
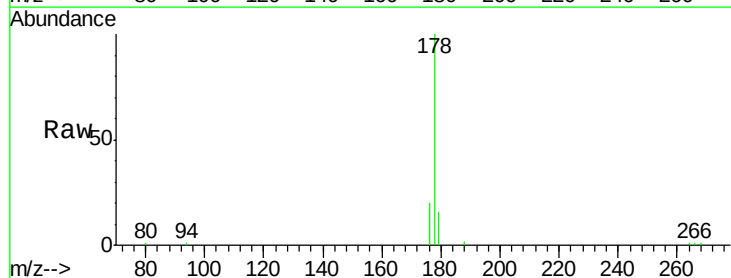
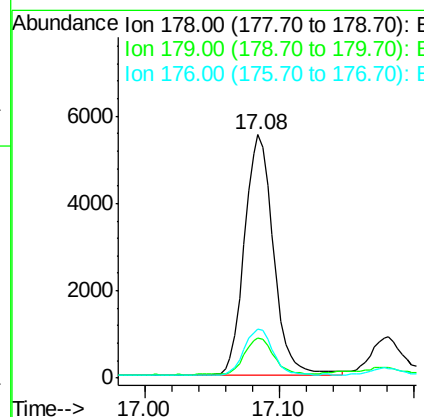
RT: 17.08 min Scan# 4598

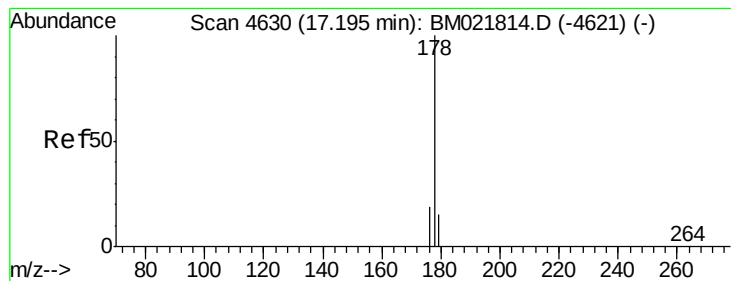
Delta R.T. -0.01 min

Lab File: BM021815.D

Acq: 04 Aug 2019 16:36

Tgt Ion:	178	Resp:	8248
Ion Ratio	Lower	Upper	
178	100		
179	16.5	14.2	21.2
176	20.4	16.8	25.2





#13

Anthracene

Concen: 0.097 ng/ul

RT: 17.18 min Scan# 4626

Delta R.T. -0.01 min

Lab File: BM021815.D

Acq: 04 Aug 2019 16:36

Instrument :

BNA_M

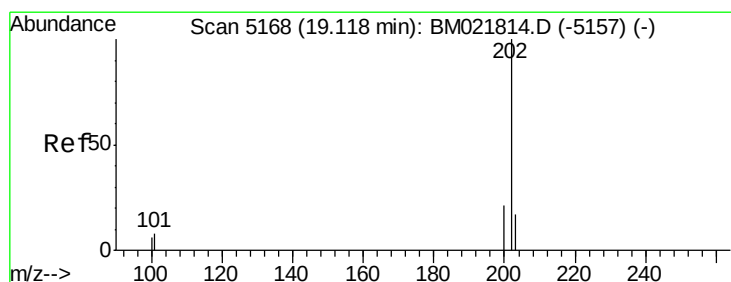
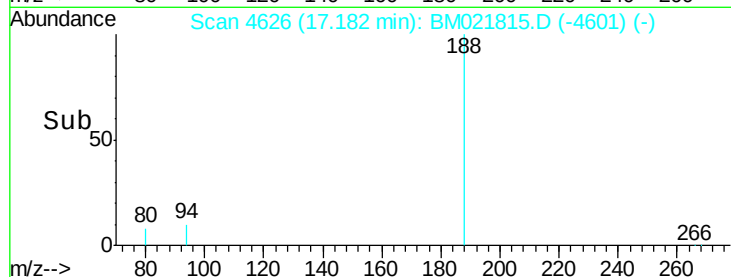
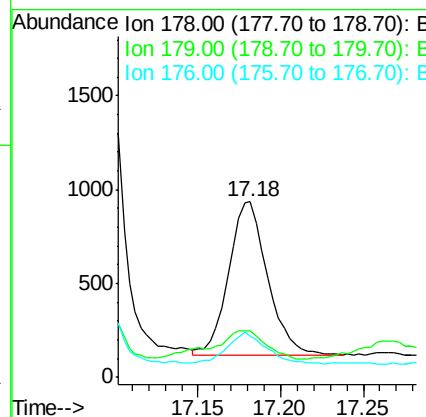
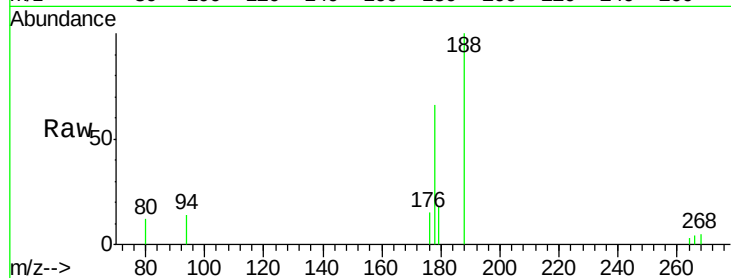
ClientSampleId :

BENR6DL

Tgt Ion:	178	Resp:	1340
Ion Ratio	Lower	Upper	
178	100		
179	26.7	15.5	23.3#
176	23.6	16.6	25.0

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#15

Fluoranthene

Concen: 1.128 ng/ul

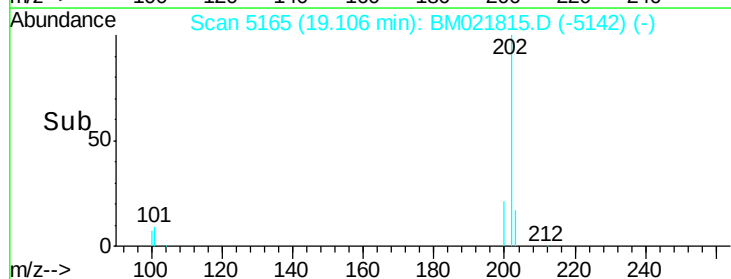
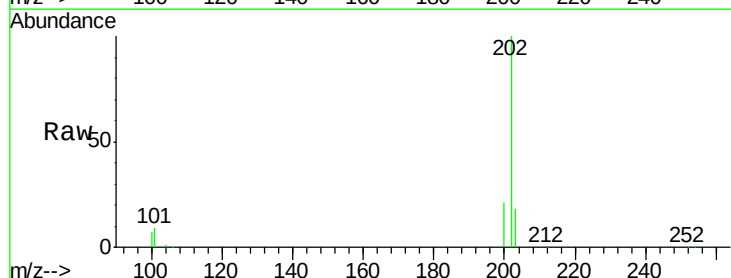
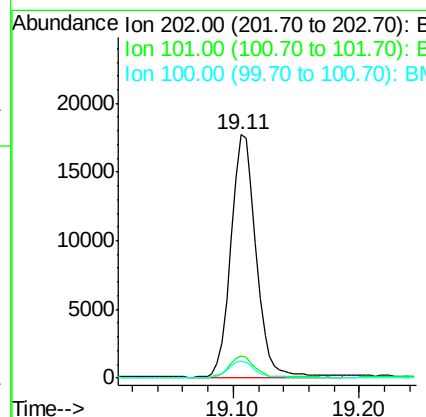
RT: 19.11 min Scan# 5165

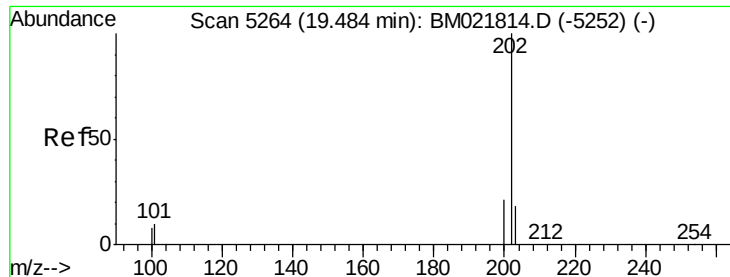
Delta R.T. -0.01 min

Lab File: BM021815.D

Acq: 04 Aug 2019 16:36

Tgt Ion:	202	Resp:	24498
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	30.2
100	7.1	0.0	28.1





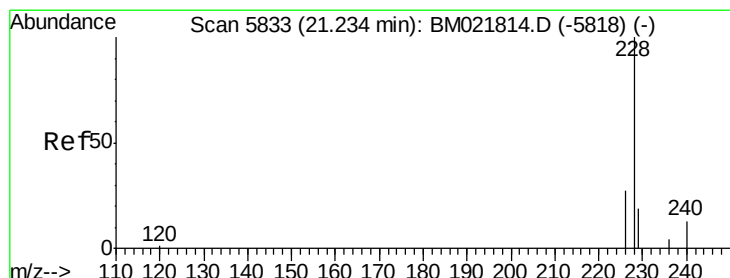
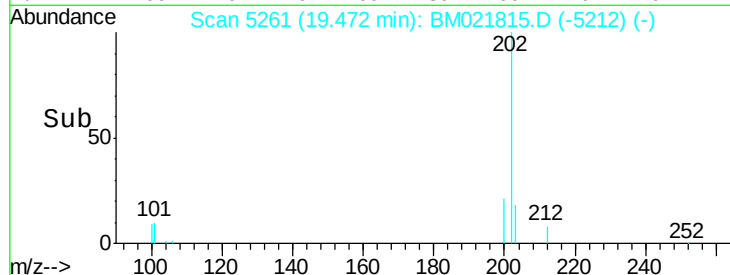
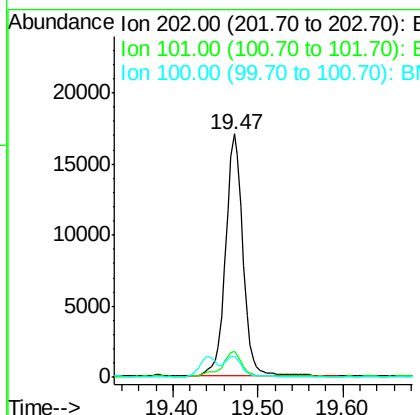
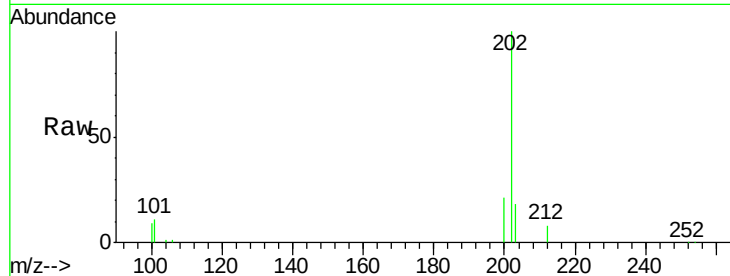
#17
Pyrene
Concen: 1.027 ng/ul
RT: 19.47 min Scan# 5261
Delta R.T. -0.01 min
Lab File: BM021815.D
Acq: 04 Aug 2019 16:36

Instrument :
BNA_M
ClientSampleId :
BENR6DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.5	8.3	12.5
100	8.8	7.2	10.8

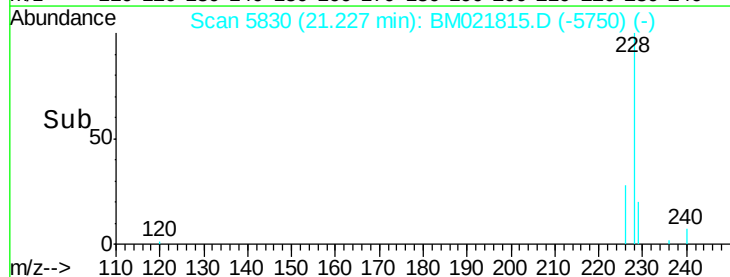
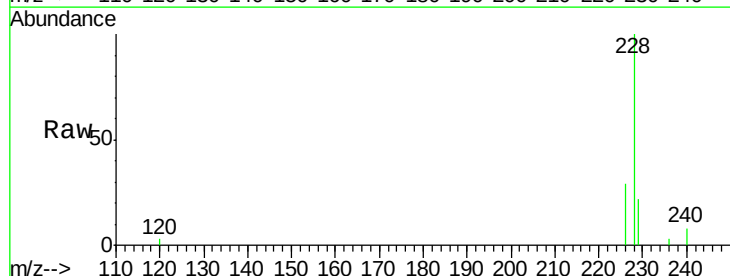
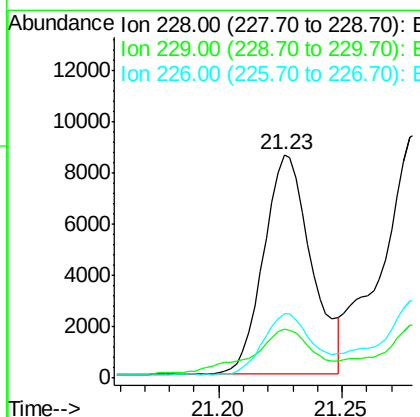
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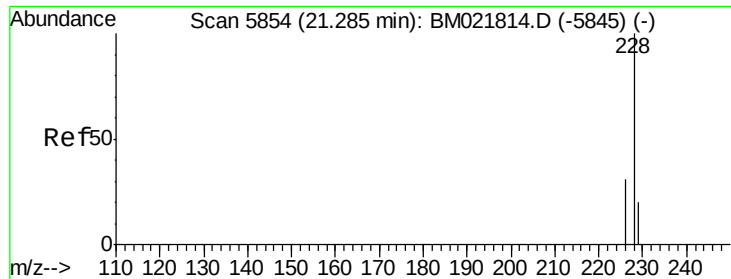
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#18
Benzo(a)anthracene
Concen: 0.557 ng/ul
RT: 21.23 min Scan# 5830
Delta R.T. -0.01 min
Lab File: BM021815.D
Acq: 04 Aug 2019 16:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.9	17.2	25.8
226	28.9	22.6	34.0





#19

Chrysene

Concen: 0.590 ng/ul

RT: 21.28 min Scan# 5852

Delta R.T. -0.00 min

Lab File: BM021815.D

Acq: 04 Aug 2019 16:36

Instrument :

BNA_M

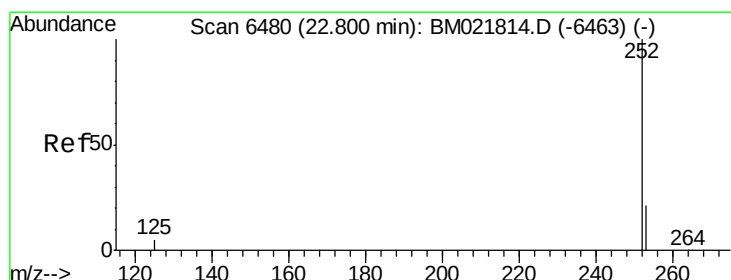
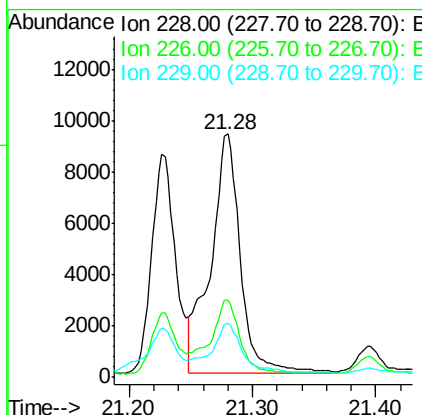
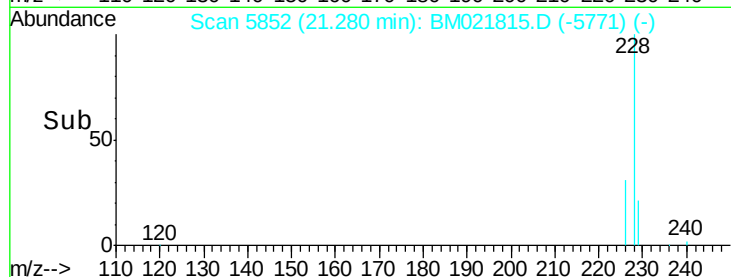
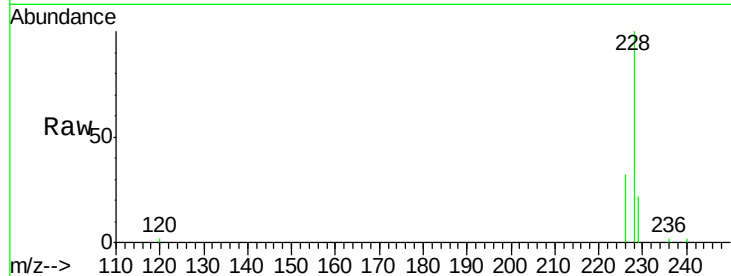
ClientSampleId :

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Tgt Ion:	228	Resp:	15692
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.9	37.3
229	22.1	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 0.759 ng/ul m

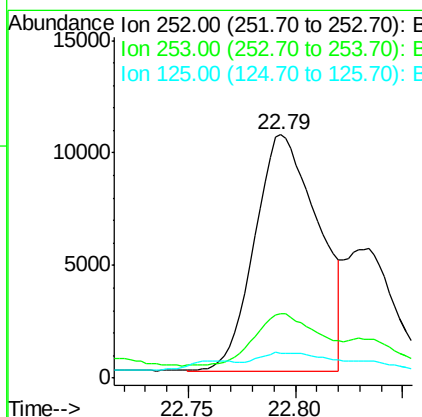
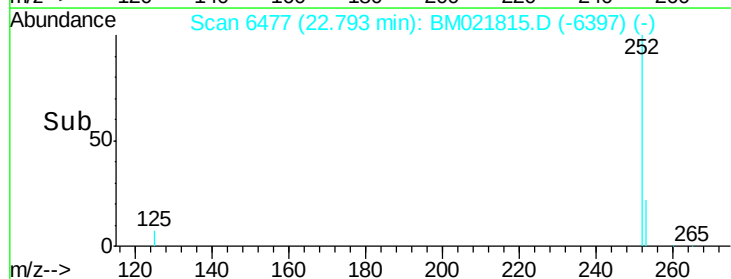
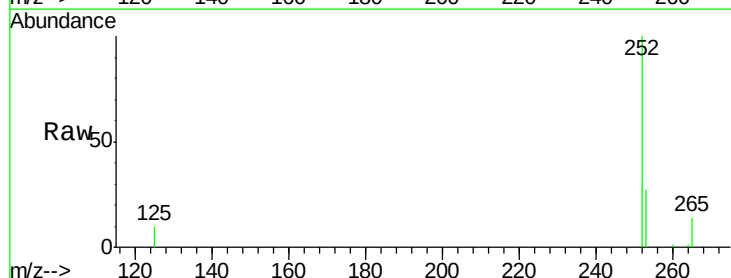
RT: 22.79 min Scan# 6477

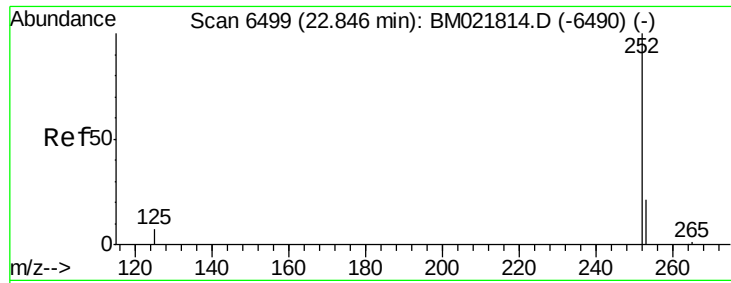
Delta R.T. -0.01 min

Lab File: BM021815.D

Acq: 04 Aug 2019 16:36

Tgt Ion:	252	Resp:	21710
Ion Ratio	Lower	Upper	
252	100		
253	26.6	0.0	67.4
125	10.4	0.0	31.0





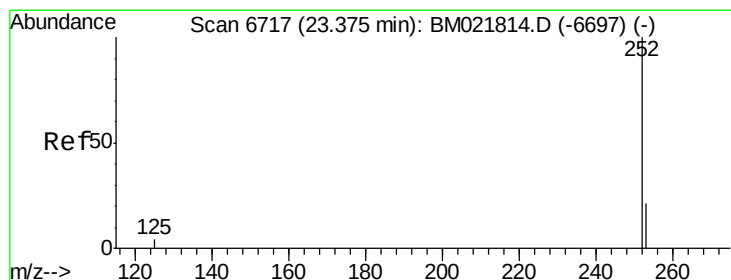
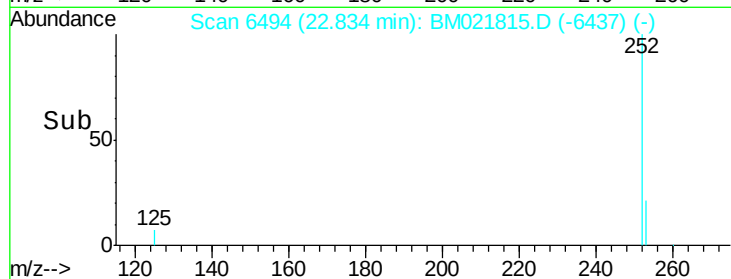
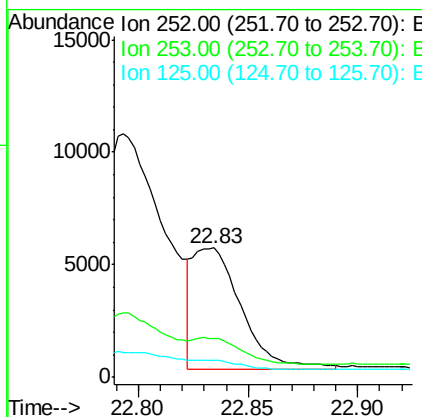
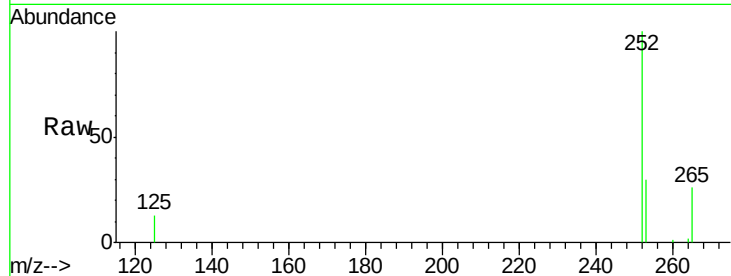
#22
Benzo(k)fluoranthene
Concen: 0.258 ng/ul m
RT: 22.83 min Scan# 6494
Delta R.T. -0.01 min
Lab File: BM021815.D
Acq: 04 Aug 2019 16:36

Instrument :
BNA_M
ClientSampleId :
BENR6DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	30.0	27.0	40.4
125	12.9	12.2	18.2

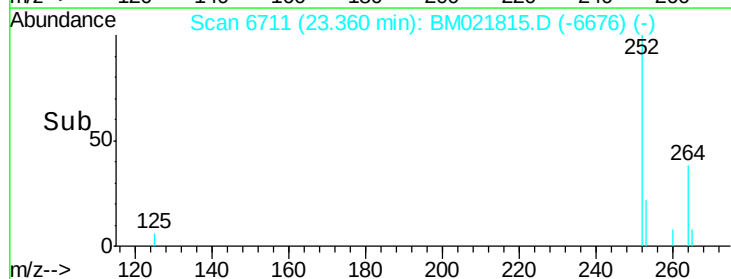
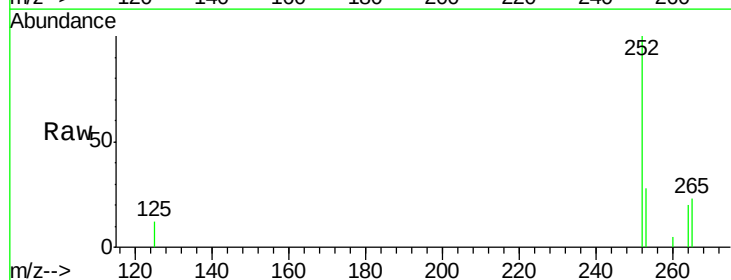
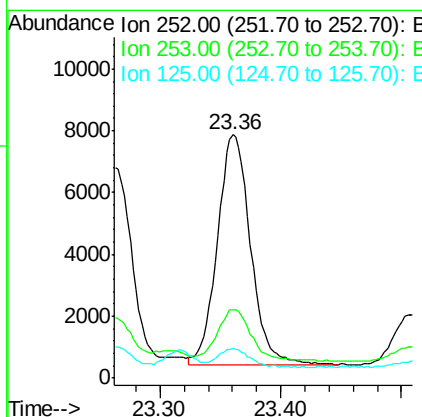
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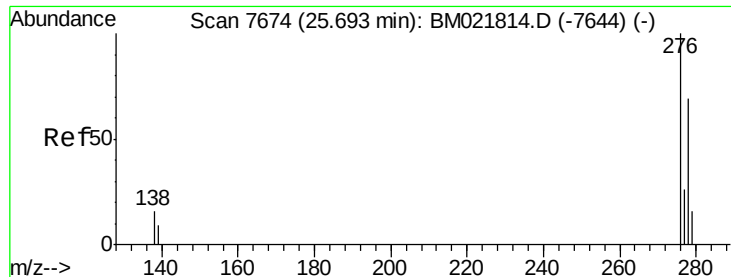
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#23
Benzo(a)pyrene
Concen: 0.485 ng/ul
RT: 23.36 min Scan# 6711
Delta R.T. -0.01 min
Lab File: BM021815.D
Acq: 04 Aug 2019 16:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	28.1	31.7	47.5#
125	12.3	14.6	21.8#





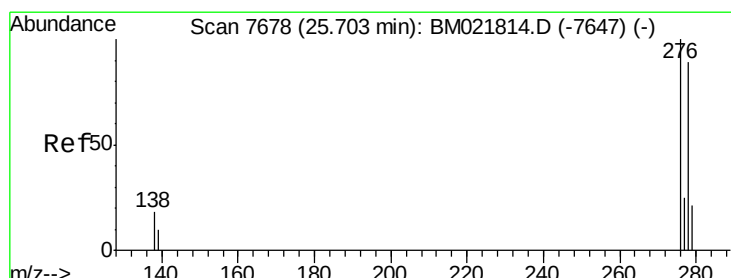
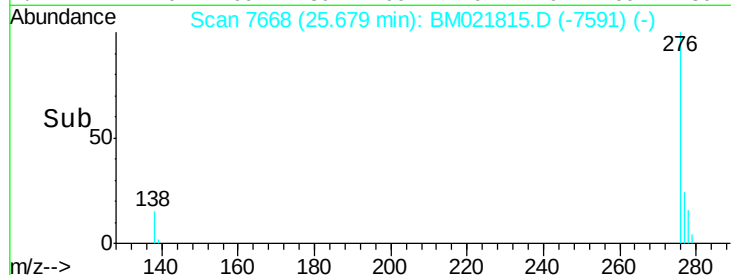
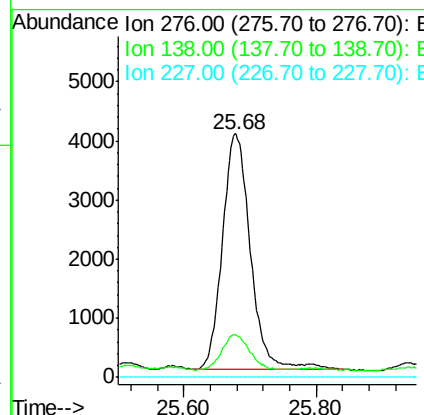
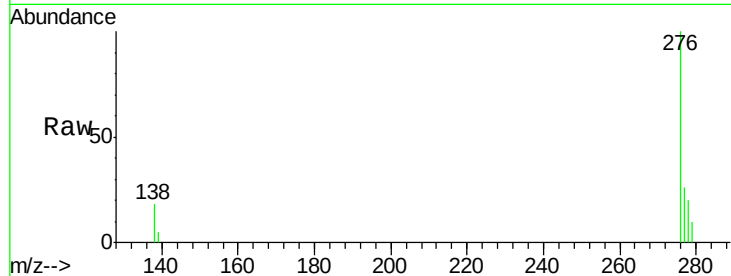
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.340 ng/ul
 RT: 25.68 min Scan# 7668
 Delta R.T. -0.01 min
 Lab File: BM021815.D
 Acq: 04 Aug 2019 16:36

Instrument :
 BNA_M
 ClientSampleID :
 BENR6DL

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	11821		
138	14.6	15.1	22.7#	
227	0.0	0.0	0.0	

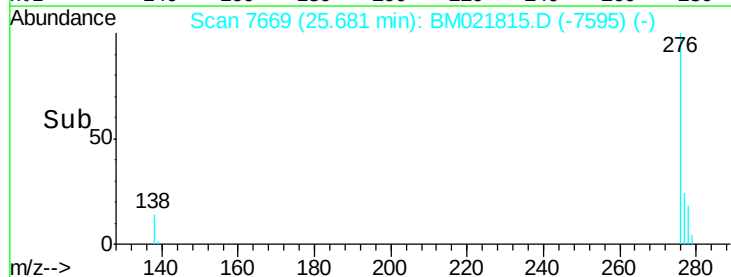
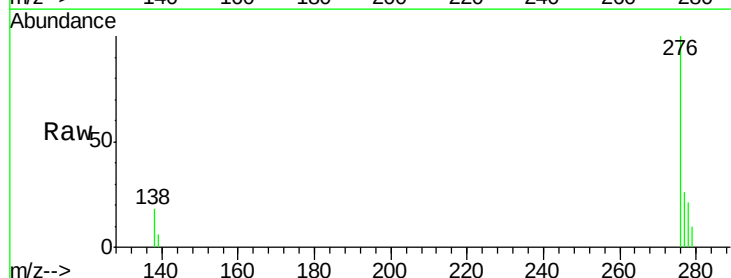
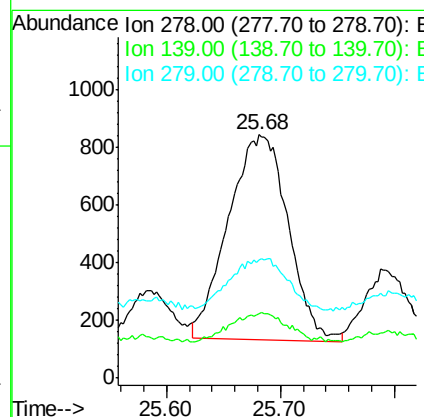
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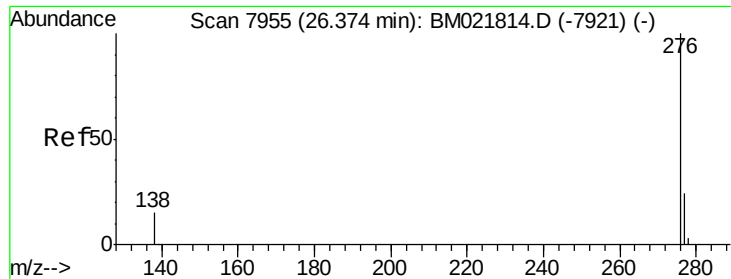
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.092 ng/ul
 RT: 25.68 min Scan# 7669
 Delta R.T. -0.02 min
 Lab File: BM021815.D
 Acq: 04 Aug 2019 16:36

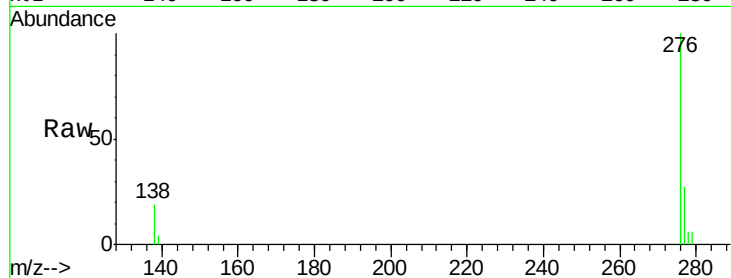
Tgt Ion	Ratio	Resp	Lower	Upper
278	100	2596		
139	26.7	14.2	21.2#	
279	48.5	28.3	42.5#	





#26
Benzo(g,h,i)perylene
Concen: 0.391 ng/ul
RT: 26.36 min Scan# 7949
Delta R.T. -0.01 min
Lab File: BM021815.D
Acq: 04 Aug 2019 16:36

Instrument :
BNA_M
ClientSampleId :
BENR6DL



Tgt	Ion	276	Resp:	12218
	Ratio		Lower	Upper
276	100			
138	18.8	15.5	23.3	
277	26.5	21.4	32.2	

Manual Integrations
APPROVED

mohammad
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