

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
 Data File : BM021968.D
 Acq On : 09 Aug 2019 13:35
 Operator : HP/JU
 Sample : K4029-20DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENT9DL

Manual Integrations
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Sohil
 8/13/2019 8:49:00 AM

Quant Time: Aug 10 05:45:20 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	850	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3665	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.27	164	2026	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4422	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4250	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5770	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	642	0.11	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	1351	0.09	ng/ul	-0.01
Target Compounds					Qvalue	
3) Naphthalene	10.45	128	221	0.021	ng/ul#	39
7) Acenaphthylene	14.00	152	633	0.067	ng/ul#	77
8) Acenaphthene	14.34	153	276	0.036	ng/ul	93
9) Fluorene	15.34	166	318	0.037	ng/ul#	89
12) Phenanthrene	17.07	178	6749	0.525	ng/ul	99
13) Anthracene	17.17	178	1749	0.159	ng/ul	95
15) Fluoranthene	19.09	202	14629	0.849	ng/ul	99
17) Pyrene	19.46	202	17989	1.030	ng/ul	98
18) Benzo(a)anthracene	21.22	228	10835	0.713	ng/ul	99
19) Chrysene	21.27	228	9767	0.500	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	11489m	0.590	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	3357m	0.152	ng/ul	
23) Benzo(a)pyrene	23.35	252	8360	0.422	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.66	276	4935	0.209	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.67	278	1446	0.076	ng/ul#	70
26) Benzo(g,h,i)perylene	26.34	276	4244	0.200	ng/ul	94

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

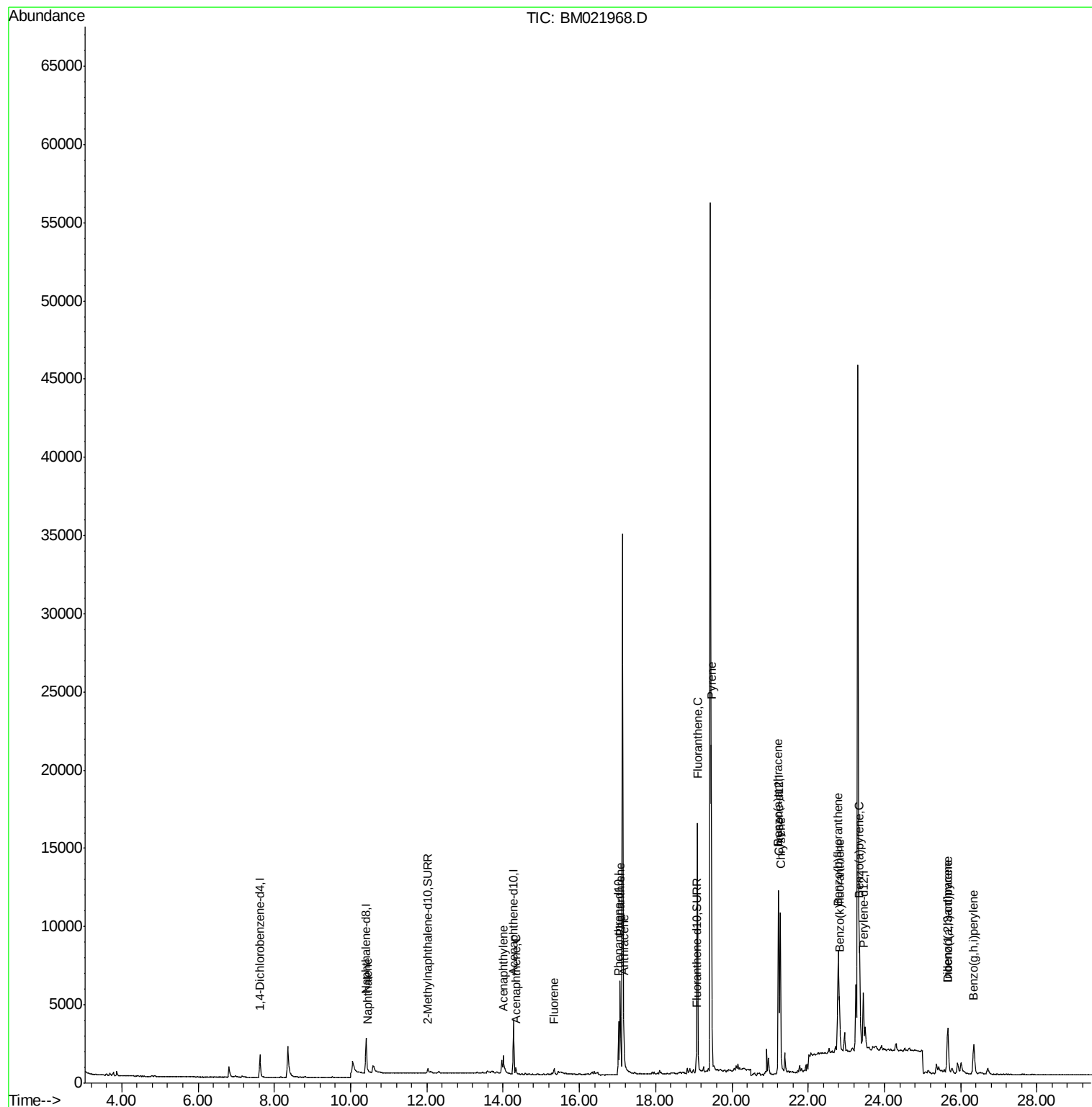
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
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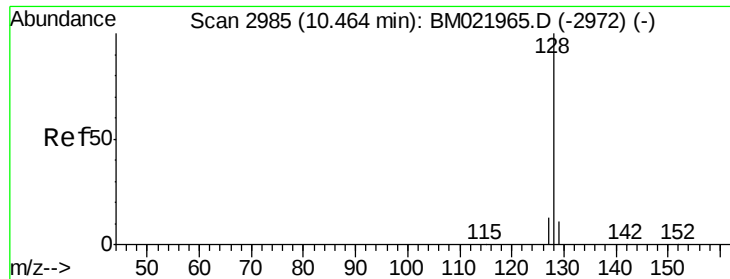
Instrument :
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BENT9DL

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Quant Time: Aug 10 05:45:20 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.021 ng/ul

RT: 10.45 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BM021968.D

Acq: 09 Aug 2019 13:35

Instrument :

BNA_M

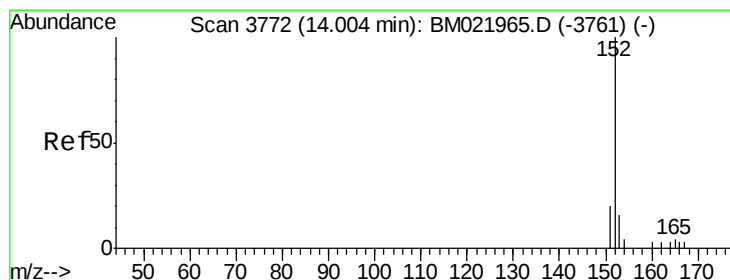
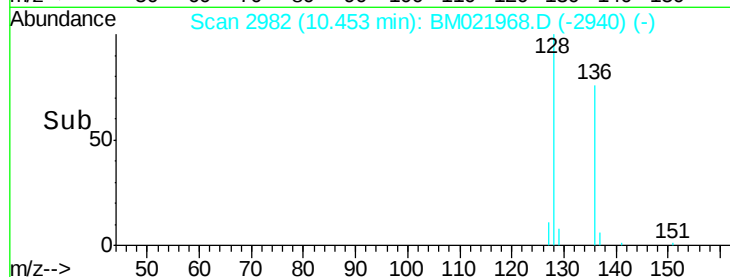
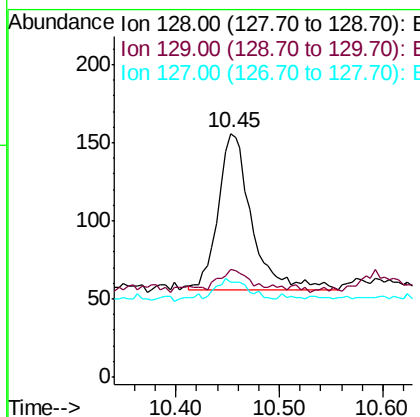
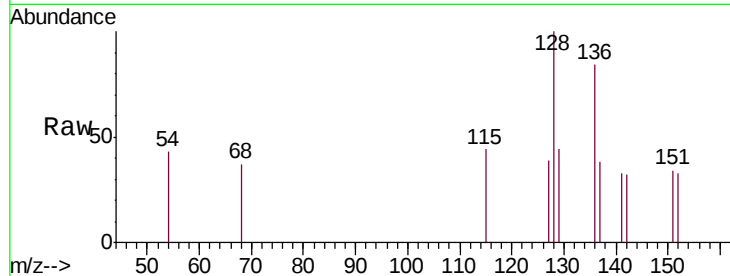
ClientSampleId :

BENT9DL

Tgt Ion:	128	Resp:	221
Ion Ratio	Lower	Upper	
128	100		
129	44.2	12.3	18.5#
127	39.1	13.0	19.6#

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#7

Acenaphthylene

Concen: 0.067 ng/ul

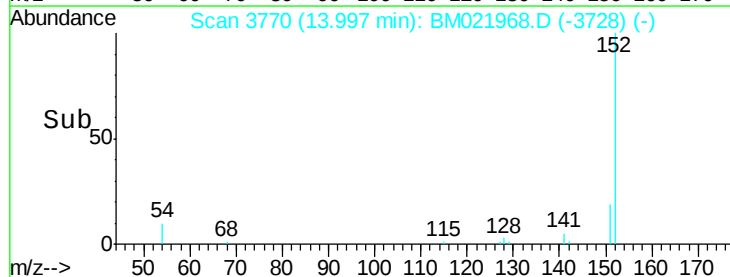
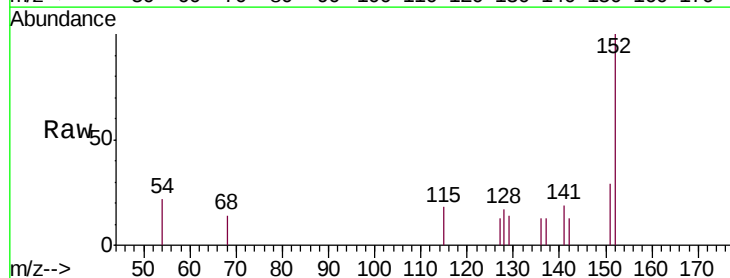
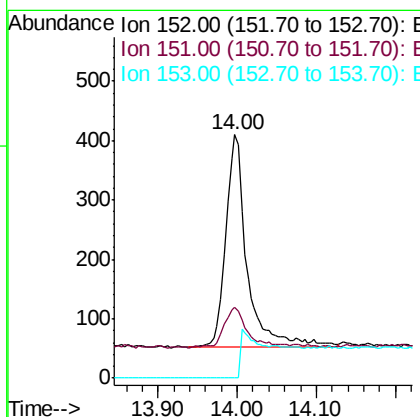
RT: 14.00 min Scan# 3770

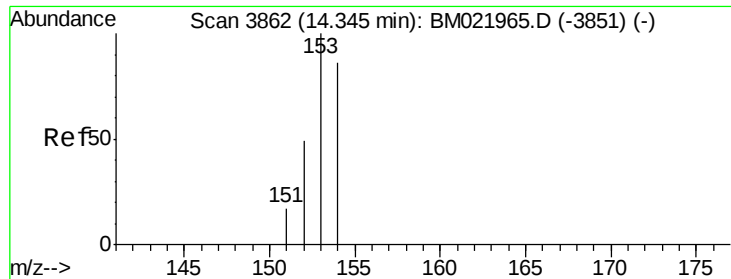
Delta R.T. -0.01 min

Lab File: BM021968.D

Acq: 09 Aug 2019 13:35

Tgt Ion:	152	Resp:	633
Ion Ratio	Lower	Upper	
152	100		
151	29.3	18.3	27.5#
153	0.0	12.8	19.2#





#8

Acenaphthene

Concen: 0.036 ng/ul

RT: 14.34 min Scan# 3859

Delta R.T. -0.01 min

Lab File: BM021968.D

Acq: 09 Aug 2019 13:35

Instrument :

BNA_M

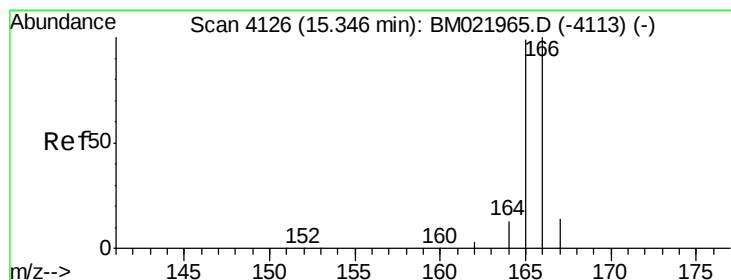
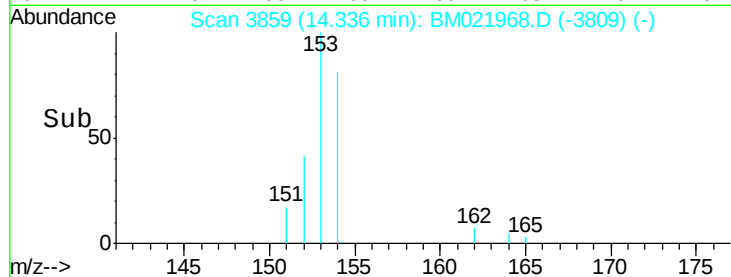
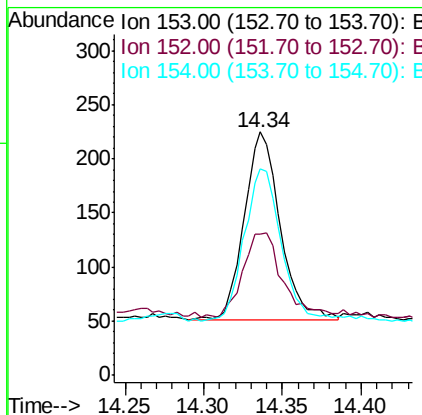
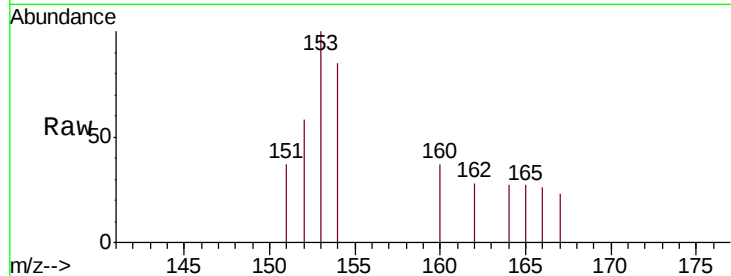
ClientSampleId :

BENT9DL

Tgt Ion:	153	Resp:	276
Ion Ratio	Lower	Upper	
153	100		
152	57.8	41.3	61.9
154	84.9	72.3	108.5

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#9

Fluorene

Concen: 0.037 ng/ul

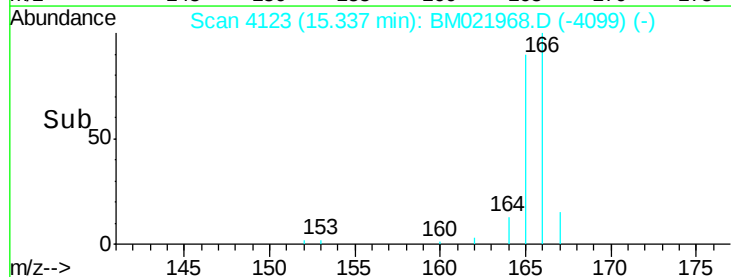
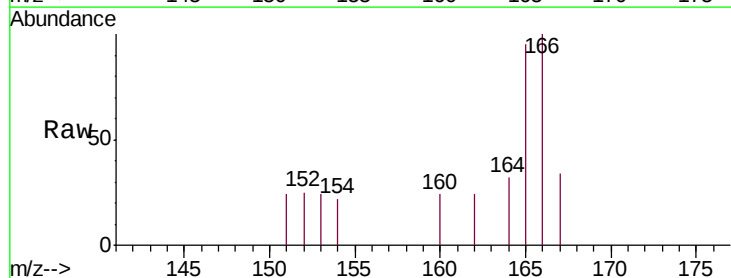
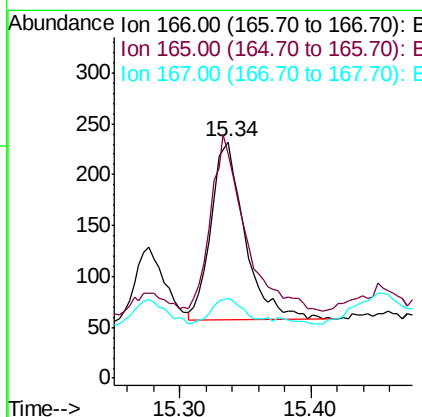
RT: 15.34 min Scan# 4123

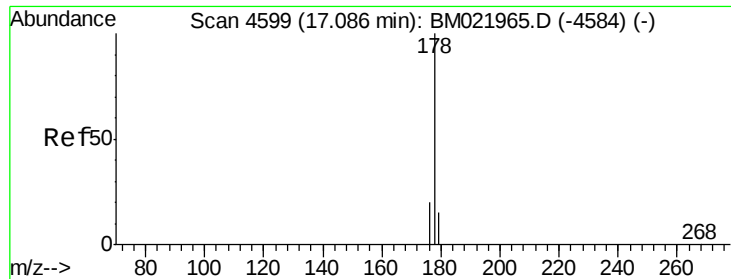
Delta R.T. -0.01 min

Lab File: BM021968.D

Acq: 09 Aug 2019 13:35

Tgt Ion:	166	Resp:	318
Ion Ratio	Lower	Upper	
166	100		
165	95.3	81.4	122.0
167	34.1	13.7	20.5





#12

Phenanthrene

Concen: 0.525 ng/ul

RT: 17.07 min Scan# 4594

Delta R.T. -0.02 min

Lab File: BM021968.D

Acq: 09 Aug 2019 13:35

Instrument :

BNA_M

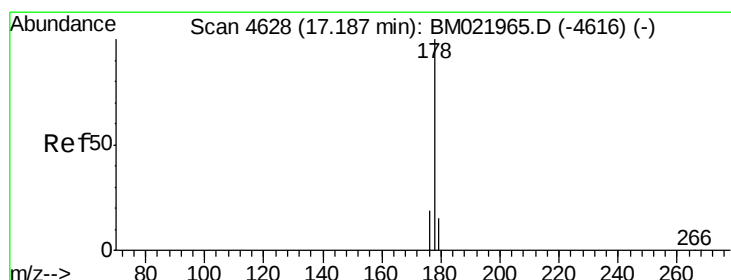
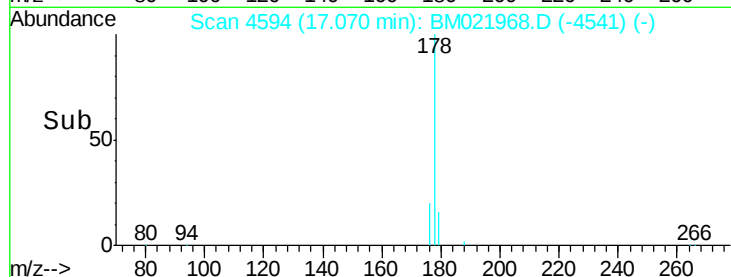
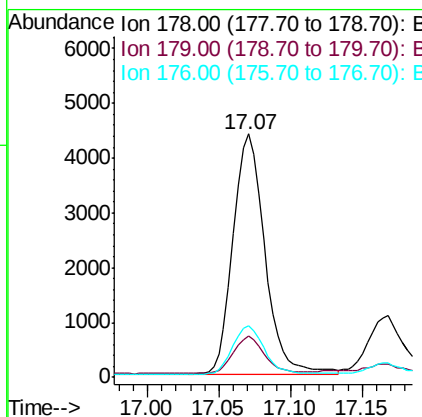
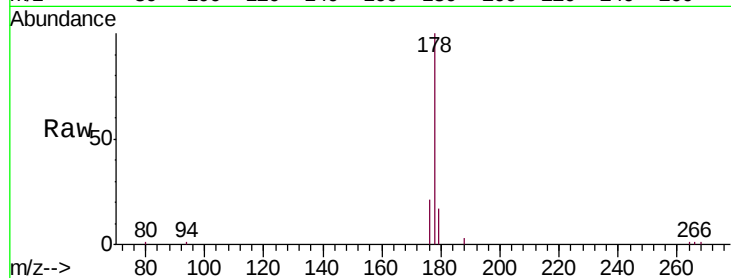
ClientSampleId :

BENT9DL

Tgt Ion:	178	Resp:	6749
Ion Ratio	Lower	Upper	
178	100		
179	17.0	14.2	21.2
176	21.0	16.8	25.2

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#13

Anthracene

Concen: 0.159 ng/ul

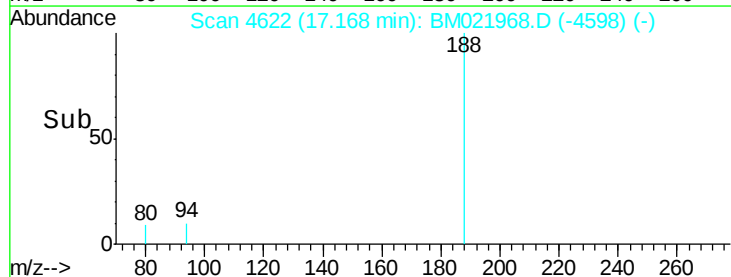
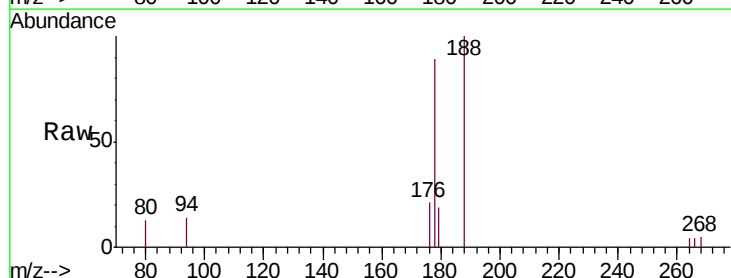
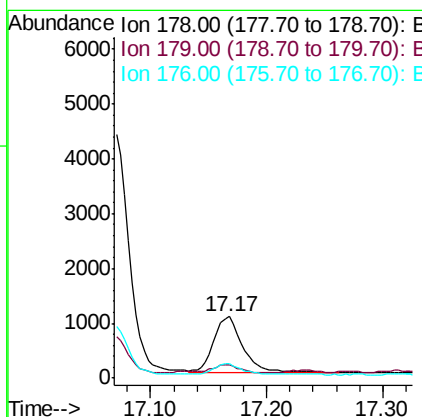
RT: 17.17 min Scan# 4622

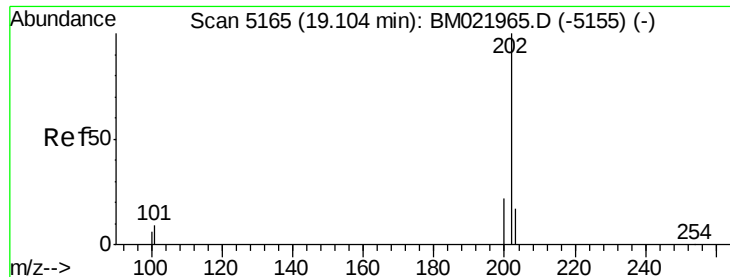
Delta R.T. -0.02 min

Lab File: BM021968.D

Acq: 09 Aug 2019 13:35

Tgt Ion:	178	Resp:	1749
Ion Ratio	Lower	Upper	
178	100		
179	21.4	15.5	23.3
176	23.1	16.6	25.0





#15

Fluoranthene

Concen: 0.849 ng/ul

RT: 19.09 min Scan# 5162

Delta R.T. -0.01 min

Lab File: BM021968.D

Acq: 09 Aug 2019 13:35

Instrument :

BNA_M

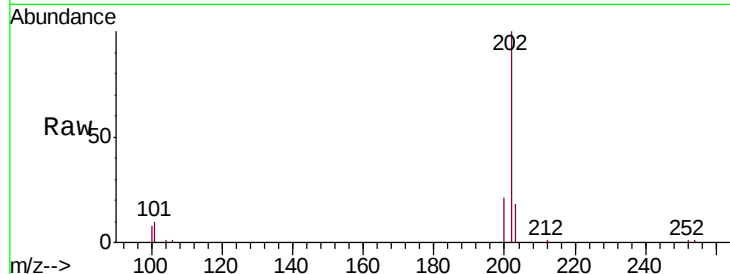
ClientSampleId :

BENT9DL

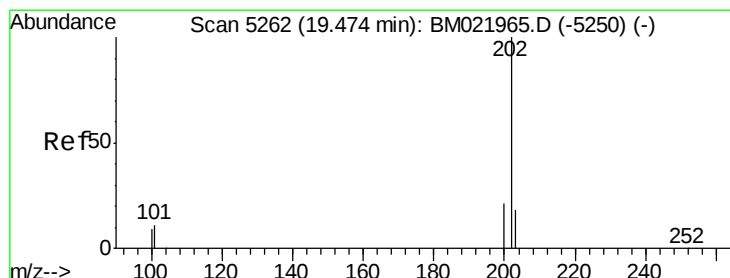
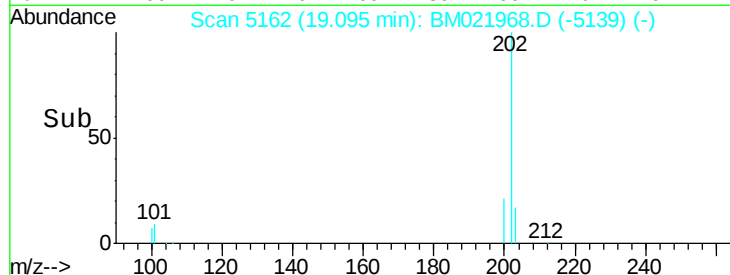
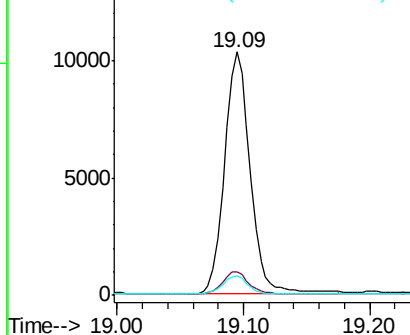
Tgt Ion:	202	Resp:	14629
Ion Ratio		Lower	Upper
202	100		
101	9.8	0.0	30.2
100	7.9	0.0	28.1

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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



#17

Pyrene

Concen: 1.030 ng/ul

RT: 19.46 min Scan# 5258

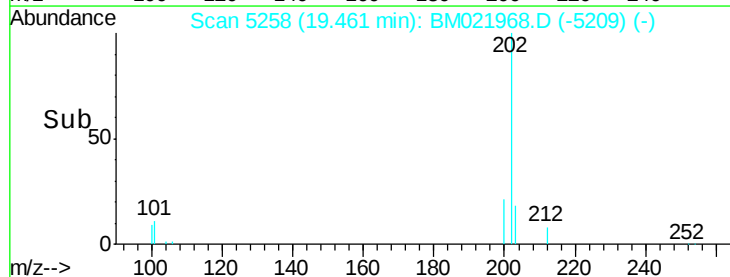
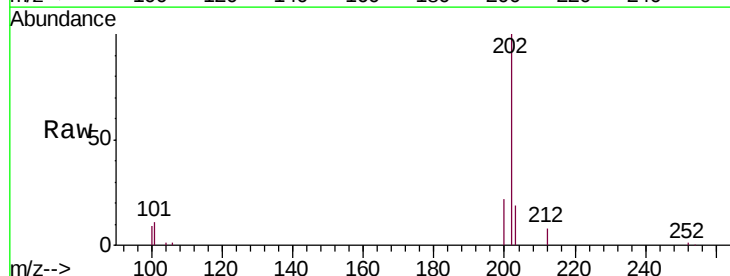
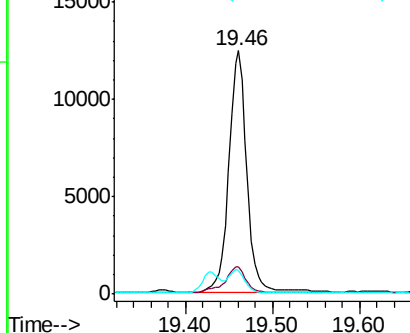
Delta R.T. -0.01 min

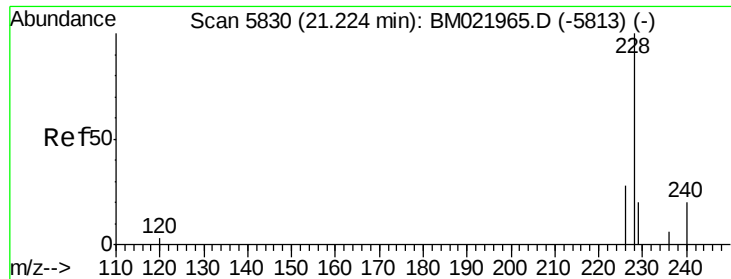
Lab File: BM021968.D

Acq: 09 Aug 2019 13:35

Tgt Ion:	202	Resp:	17989
Ion Ratio		Lower	Upper
202	100		
101	11.4	8.3	12.5
100	9.4	7.2	10.8

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





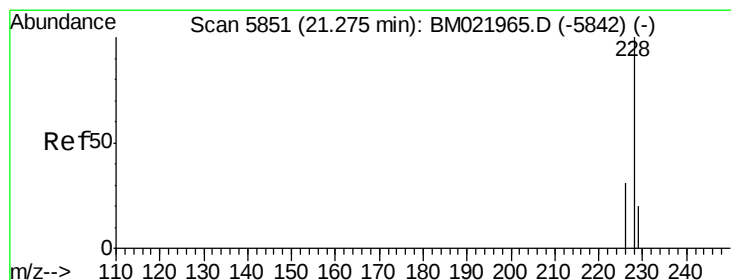
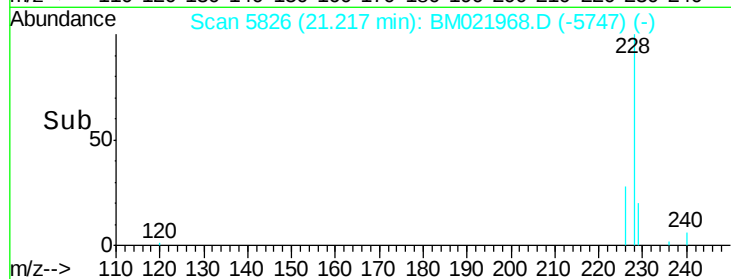
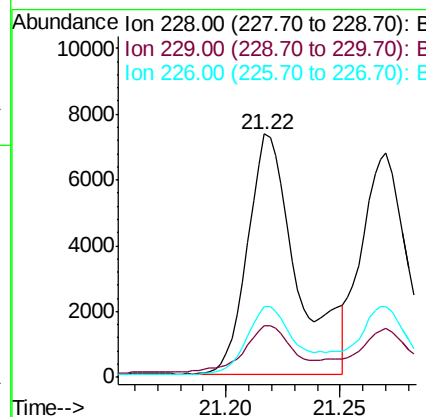
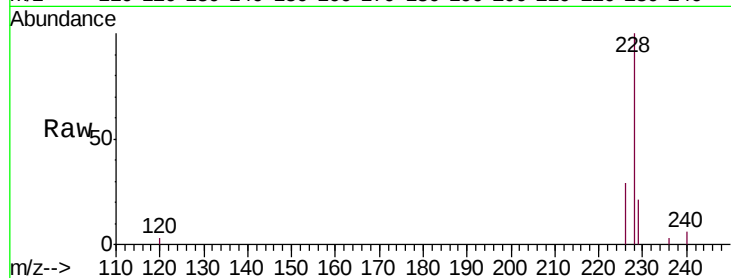
#18
Benzo(a)anthracene
Concen: 0.713 ng/ul
RT: 21.22 min Scan# 5826
Delta R.T. -0.01 min
Lab File: BM021968.D
Acq: 09 Aug 2019 13:35

Instrument :
BNA_M
ClientSampleId :
BENT9DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	17.2	25.8
226	29.2	22.6	34.0

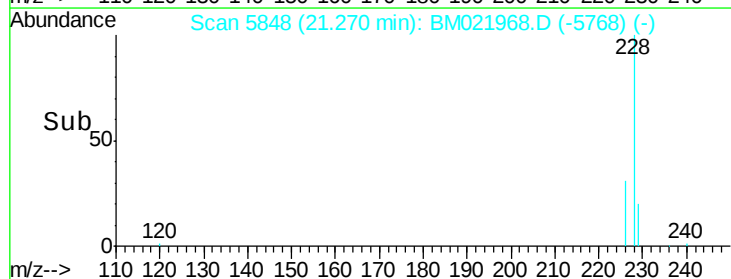
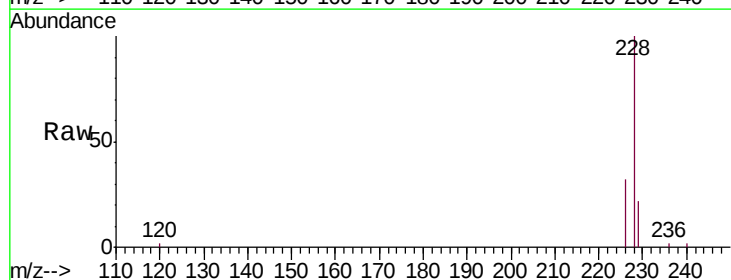
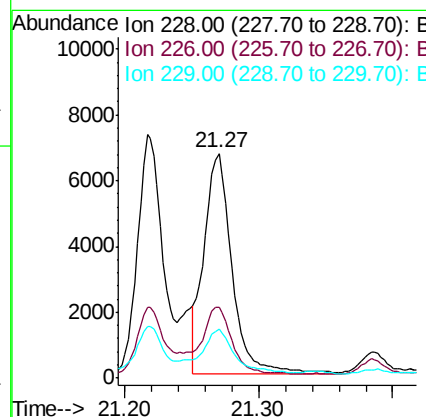
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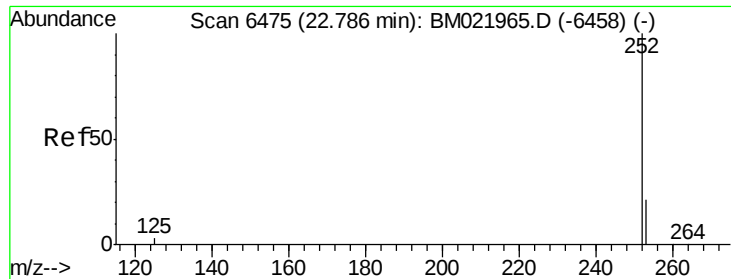
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#19
Chrysene
Concen: 0.500 ng/ul
RT: 21.27 min Scan# 5848
Delta R.T. -0.01 min
Lab File: BM021968.D
Acq: 09 Aug 2019 13:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	21.7	16.6	25.0





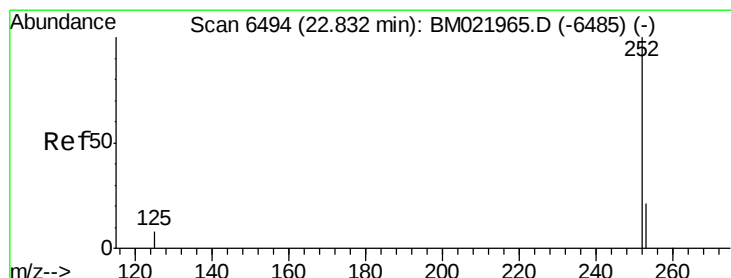
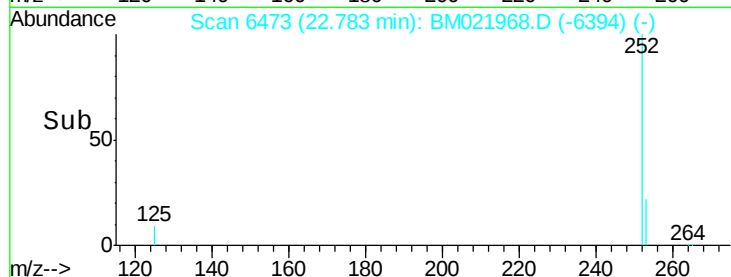
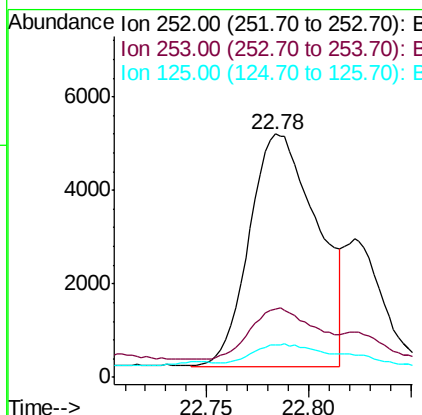
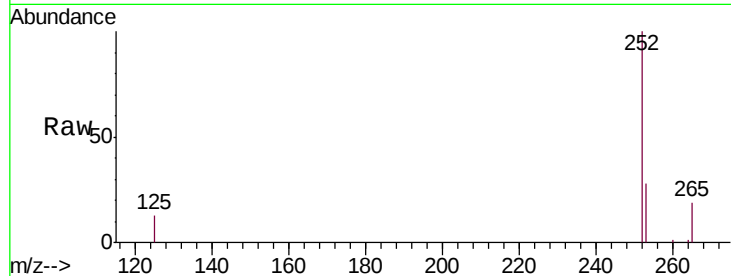
#21
Benzo(b)fluoranthene
Concen: 0.590 ng/ul m
RT: 22.78 min Scan# 6473
Delta R.T. -0.01 min
Lab File: BM021968.D
Acq: 09 Aug 2019 13:35

Instrument :
BNA_M
ClientSampleId :
BENT9DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	11489		
253	27.8	0.0	67.4	
125	13.1	0.0	31.0	

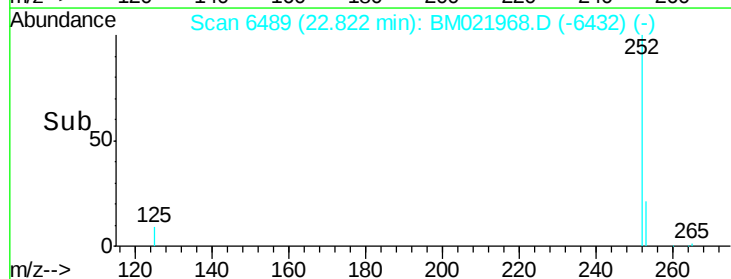
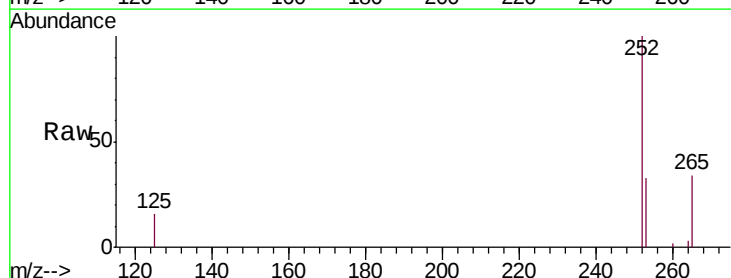
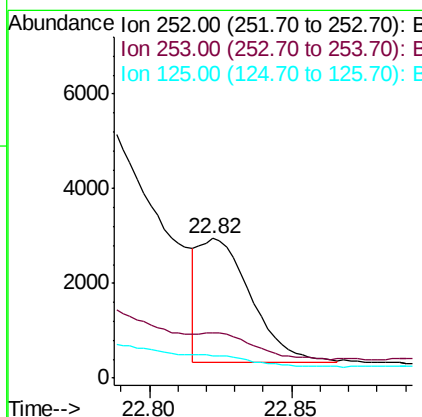
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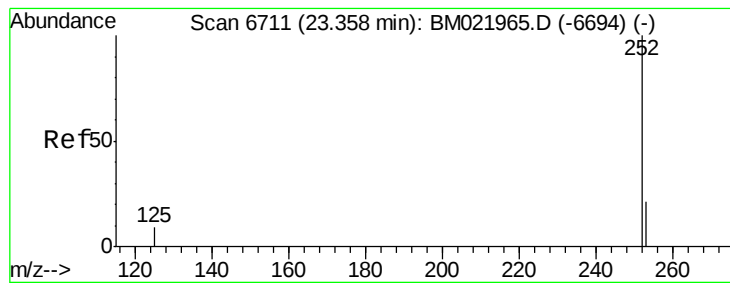
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#22
Benzo(k)fluoranthene
Concen: 0.152 ng/ul m
RT: 22.82 min Scan# 6489
Delta R.T. -0.01 min
Lab File: BM021968.D
Acq: 09 Aug 2019 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	3357		
253	32.8	27.0	40.4	
125	15.9	12.2	18.2	





#23

Benzo(a)pyrene

Concen: 0.422 ng/u1

RT: 23.35 min Scan# 6706

Delta R.T. -0.01 min

Lab File: BM021968.D

Acq: 09 Aug 2019 13:35

Instrument :

BNA_M

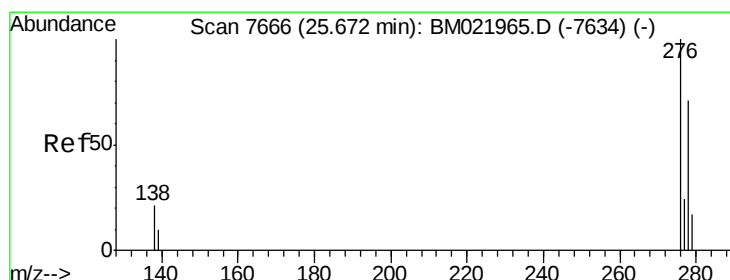
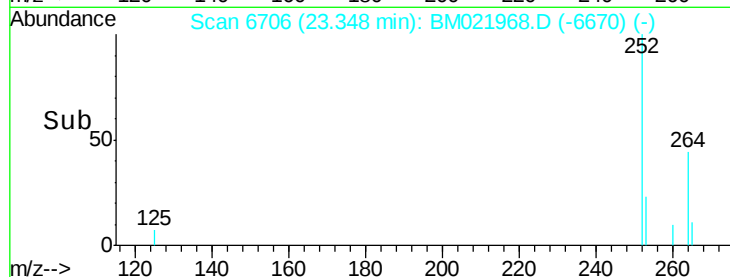
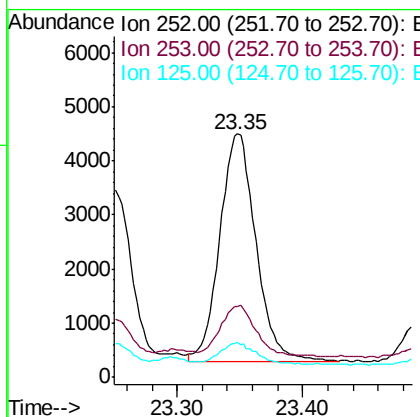
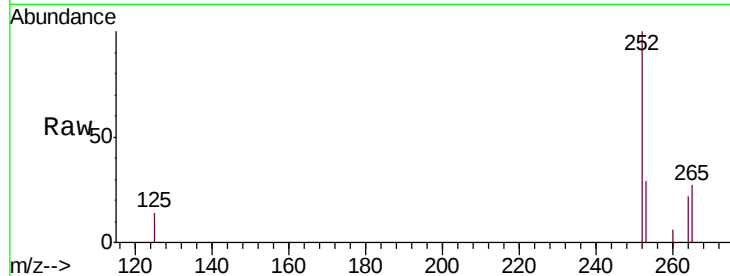
ClientSampleId :

BENT9DL

Tgt Ion:	252	Resp:	8360
Ion Ratio	Lower	Upper	
252	100		
253	29.2	31.7	47.5#
125	14.2	14.6	21.8#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.209 ng/u1

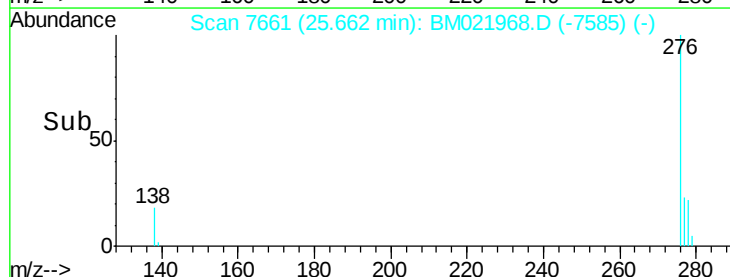
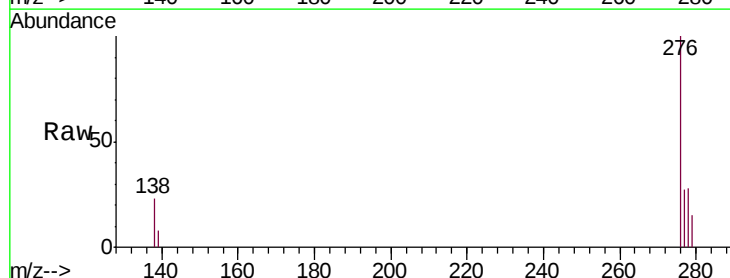
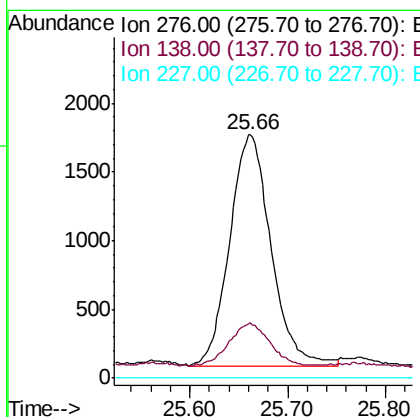
RT: 25.66 min Scan# 7661

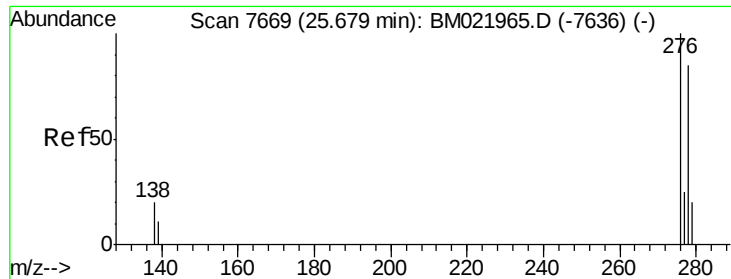
Delta R.T. -0.01 min

Lab File: BM021968.D

Acq: 09 Aug 2019 13:35

Tgt Ion:	276	Resp:	4935
Ion Ratio	Lower	Upper	
276	100		
138	18.5	15.1	22.7
227	0.0	0.0	0.0





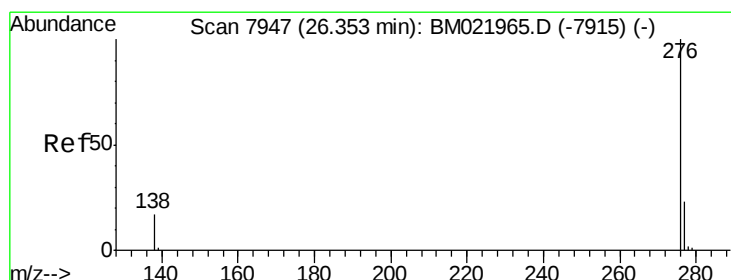
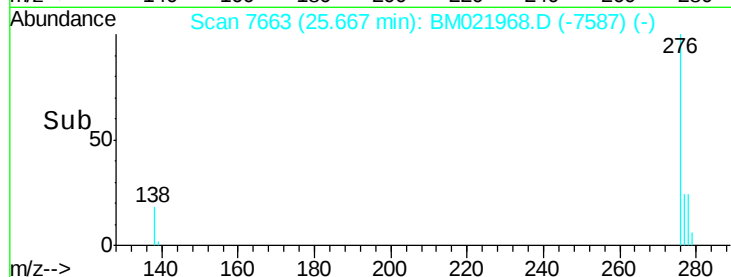
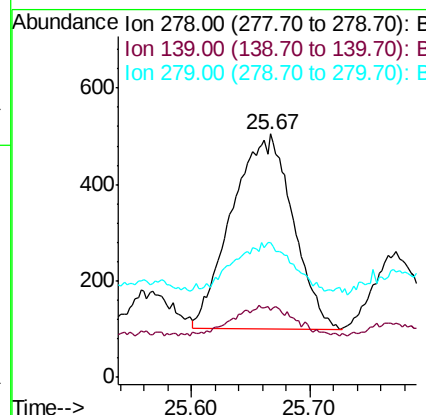
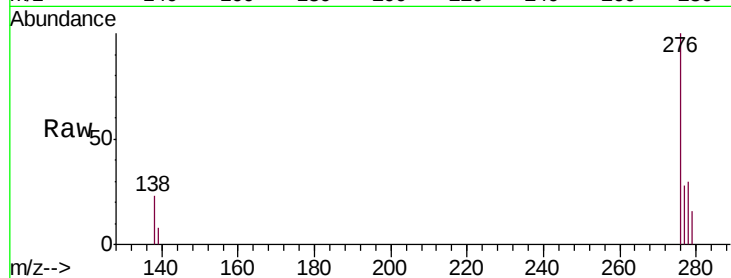
#25
Dibenzo(a,h)anthracene
Concen: 0.076 ng/u1
RT: 25.67 min Scan# 7663
Delta R.T. -0.01 min
Lab File: BM021968.D
Acq: 09 Aug 2019 13:35

Instrument :
BNA_M
ClientSampleId :
BENT9DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.5	14.2	21.2#
279	55.2	28.3	42.5#

Manual Integrations
APPROVED

Sohil
8/13/2019 8:49:00 AM



#26
Benzo(g,h,i)perylene
Concen: 0.200 ng/u1
RT: 26.34 min Scan# 7941
Delta R.T. -0.02 min
Lab File: BM021968.D
Acq: 09 Aug 2019 13:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	15.5	23.3
277	29.3	21.4	32.2

