

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
 Data File : BM021966.D
 Acq On : 09 Aug 2019 12:21
 Operator : HP/JU
 Sample : K4029-17DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENT6DL

Manual Integrations
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Quant Time: Aug 10 05:33:27 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	783	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3475	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.27	164	1940	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	4290	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4139	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5855	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	2432	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	5751	0.40	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.45	128	223	0.023	ng/ul#	50
7) Acenaphthylene	14.00	152	880	0.097	ng/ul#	77
8) Acenaphthene	14.34	153	255	0.034	ng/ul#	93
9) Fluorene	15.33	166	373	0.045	ng/ul#	95
12) Phenanthrene	17.07	178	7326	0.587	ng/ul	98
13) Anthracene	17.16	178	2037	0.191	ng/ul	95
15) Fluoranthene	19.09	202	16642	0.995	ng/ul	98
17) Pyrene	19.46	202	17190	1.011	ng/ul	99
18) Benzo(a)anthracene	21.22	228	10256	0.693	ng/ul	99
19) Chrysene	21.27	228	9496	0.499	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	12153m	0.616	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	3659m	0.164	ng/ul	
23) Benzo(a)pyrene	23.35	252	8209	0.409	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.66	276	5135	0.214	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.66	278	1485	0.077	ng/ul#	71
26) Benzo(g,h,i)perylene	26.34	276	4297	0.199	ng/ul	95

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

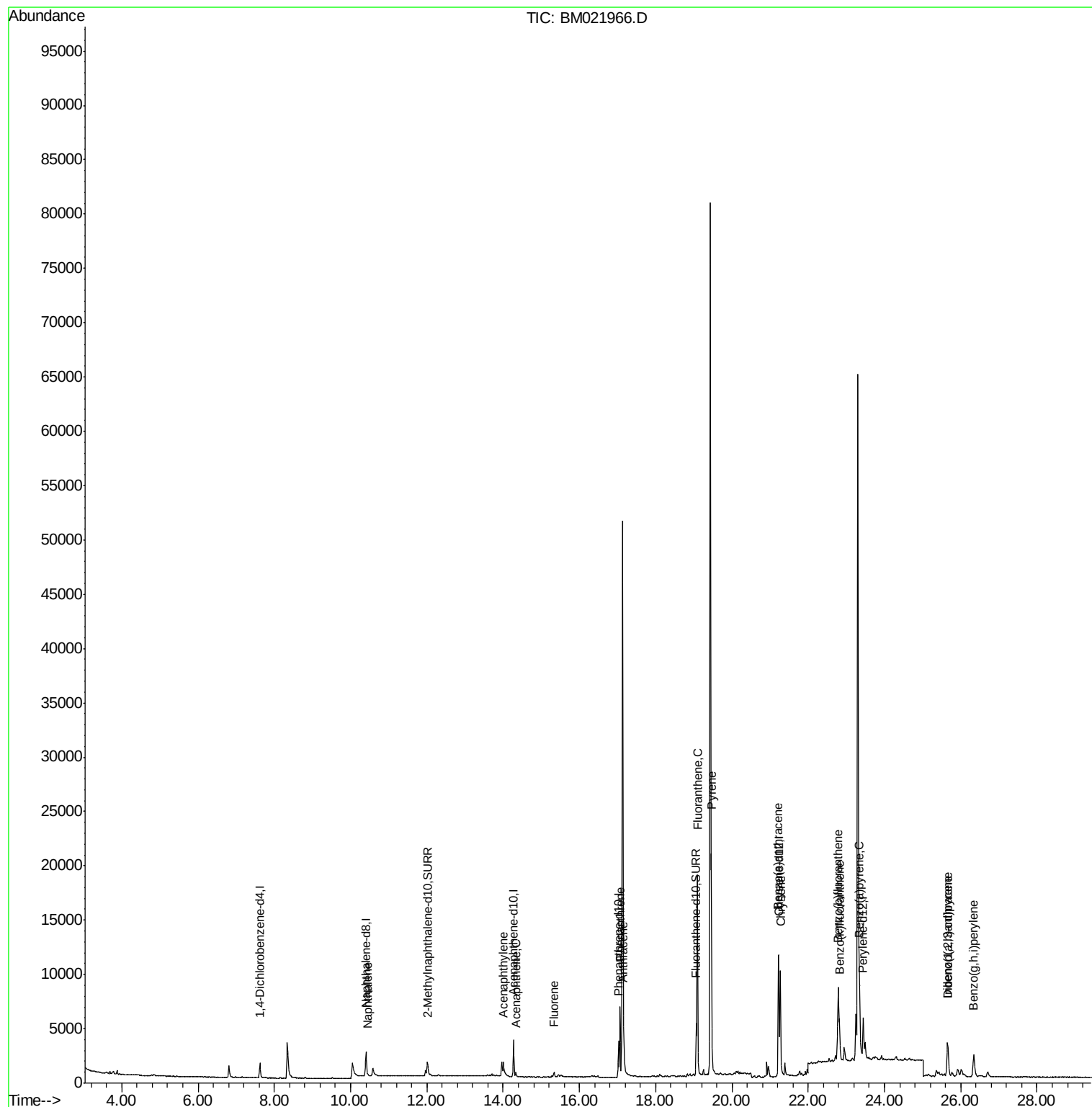
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
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ALS Vial : 3 Sample Multiplier: 1

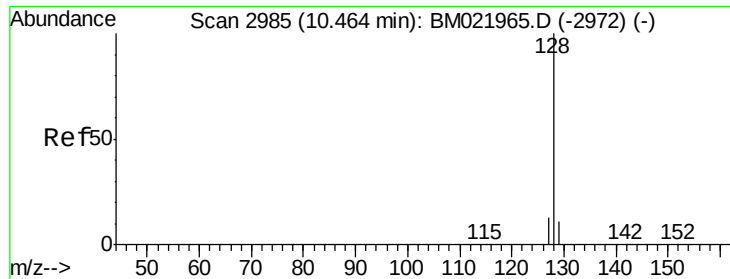
Instrument :
BNA_M
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Quant Time: Aug 10 05:33:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.023 ng/ul

RT: 10.45 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BM021966.D

Acq: 09 Aug 2019 12:21

Instrument :

BNA_M

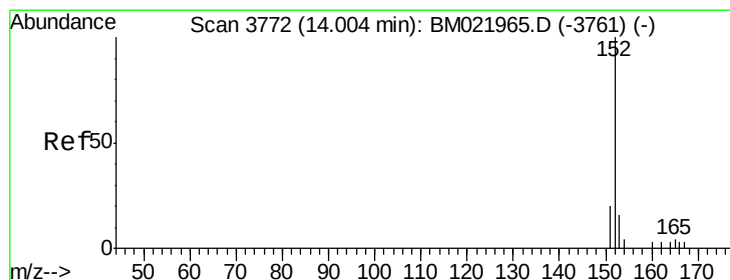
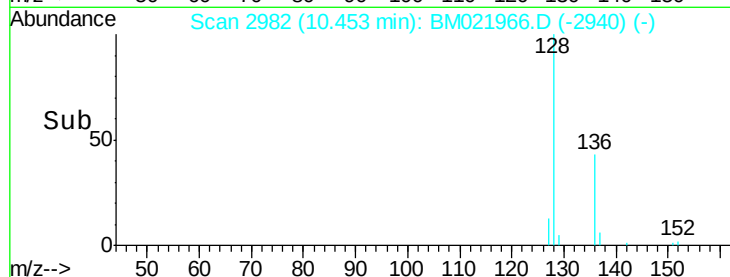
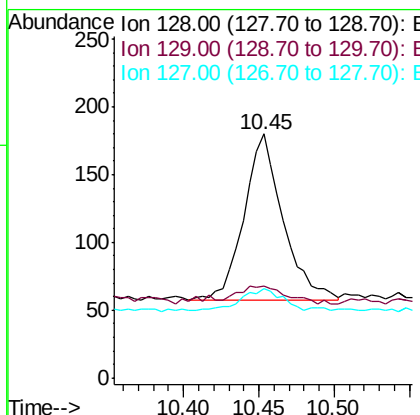
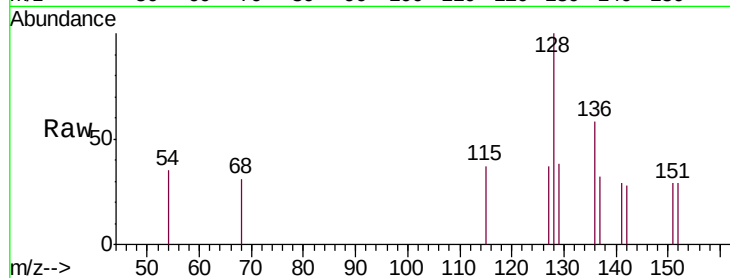
ClientSampleId :

BENT6DL

Tgt Ion:	128	Resp:	223
Ion Ratio	Lower	Upper	
128	100		
129	37.8	12.3	18.5#
127	36.7	13.0	19.6#

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#7

Acenaphthylene

Concen: 0.097 ng/ul

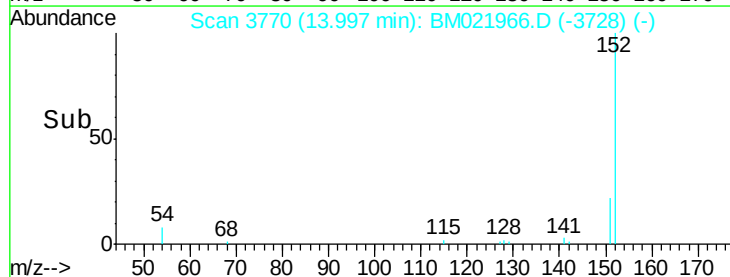
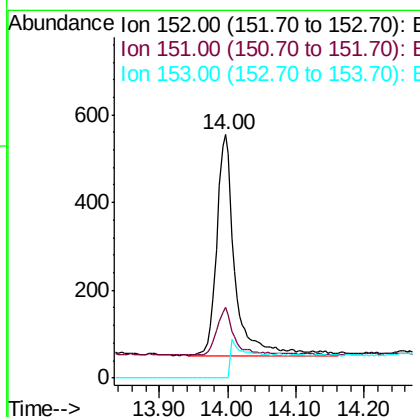
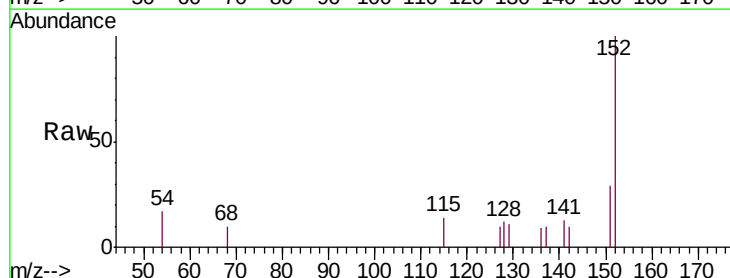
RT: 14.00 min Scan# 3770

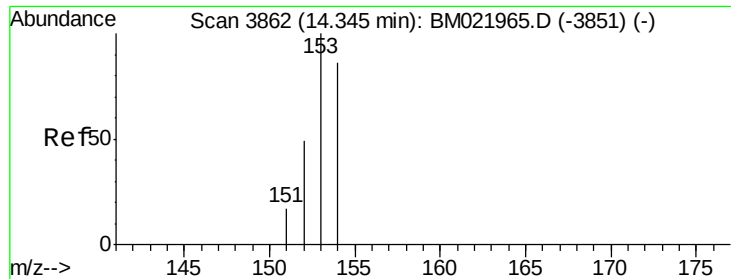
Delta R.T. -0.01 min

Lab File: BM021966.D

Acq: 09 Aug 2019 12:21

Tgt Ion:	152	Resp:	880
Ion Ratio	Lower	Upper	
152	100		
151	29.0	18.3	27.5#
153	0.0	12.8	19.2#





#8

Acenaphthene

Concen: 0.034 ng/ul

RT: 14.34 min Scan# 3859

Delta R.T. -0.01 min

Lab File: BM021966.D

Acq: 09 Aug 2019 12:21

Instrument :

BNA_M

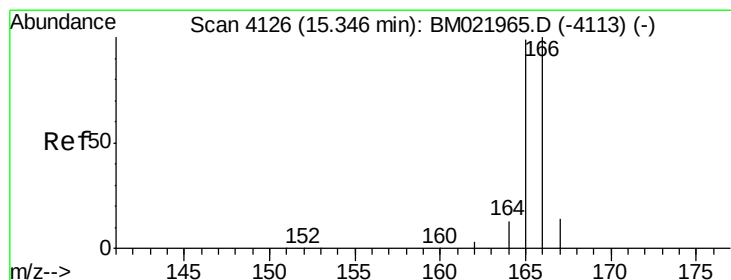
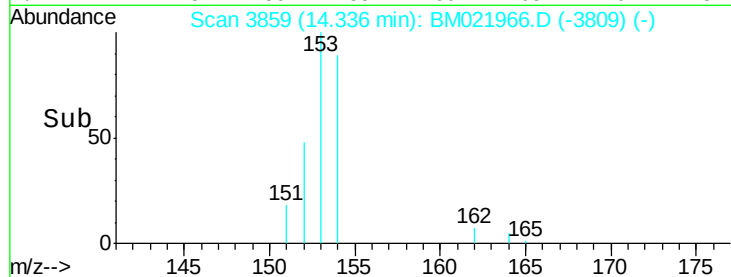
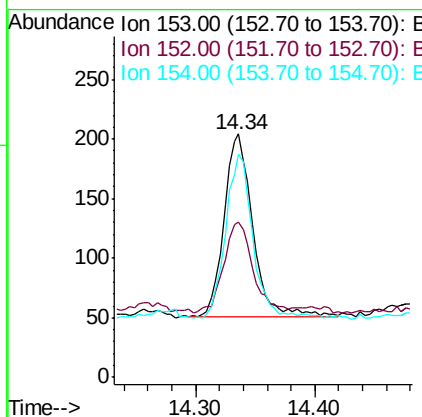
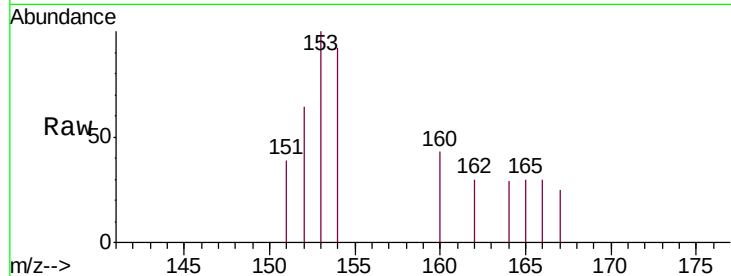
ClientSampled :

BENT6DL

Tgt Ion:	153	Resp:	255
Ion Ratio	Lower	Upper	
153	100		
152	63.7	41.3	61.9#
154	91.7	72.3	108.5

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#9

Fluorene

Concen: 0.045 ng/ul

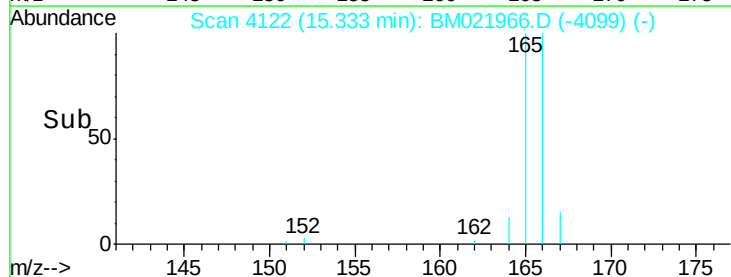
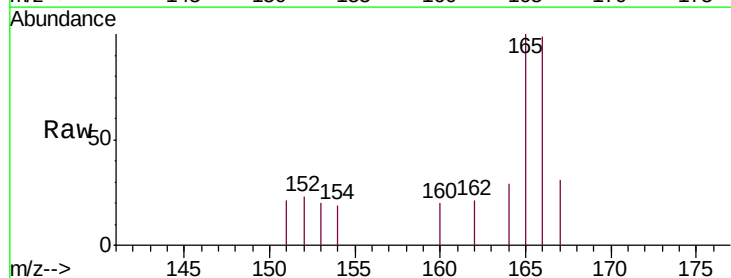
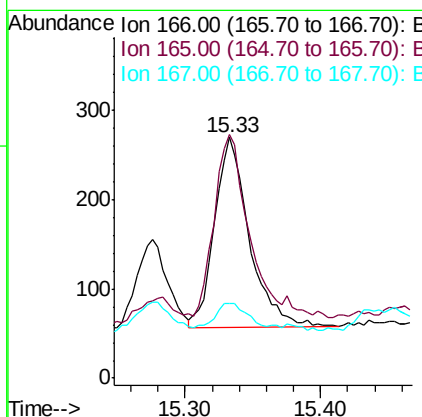
RT: 15.33 min Scan# 4122

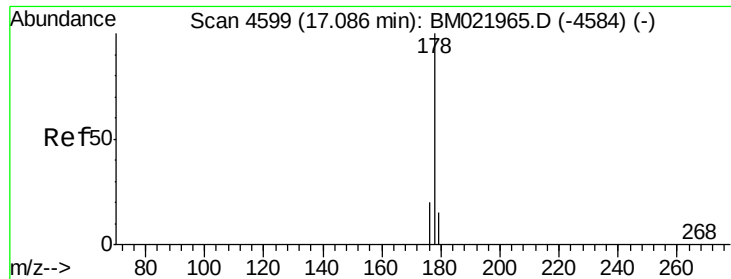
Delta R.T. -0.01 min

Lab File: BM021966.D

Acq: 09 Aug 2019 12:21

Tgt Ion:	166	Resp:	373
Ion Ratio	Lower	Upper	
166	100		
165	101.1	81.4	122.0
167	31.1	13.7	20.5#





#12

Phenanthrene

Concen: 0.587 ng/ul

RT: 17.07 min Scan# 4593

Delta R.T. -0.02 min

Lab File: BM021966.D

Acq: 09 Aug 2019 12:21

Instrument :

BNA_M

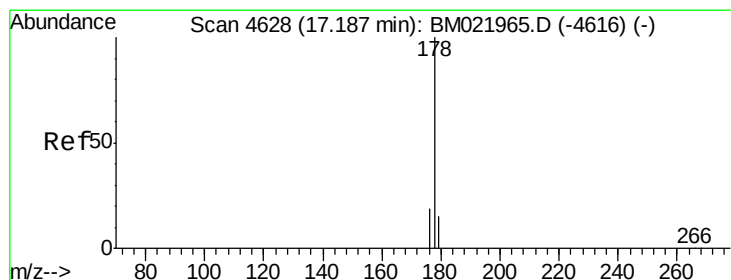
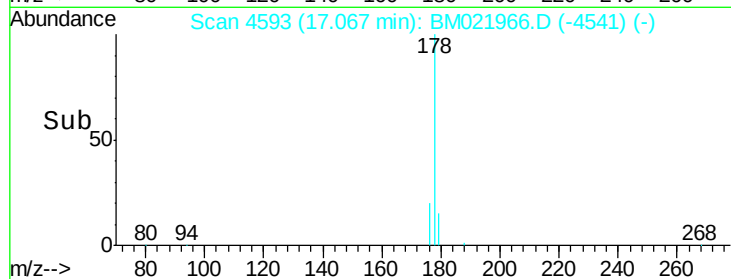
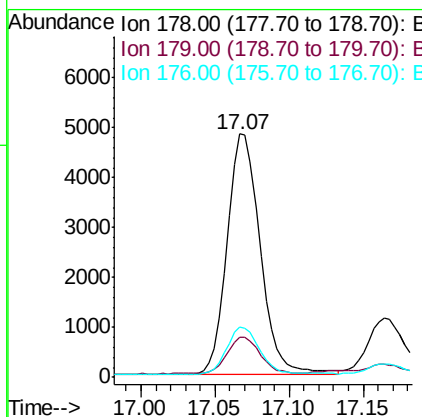
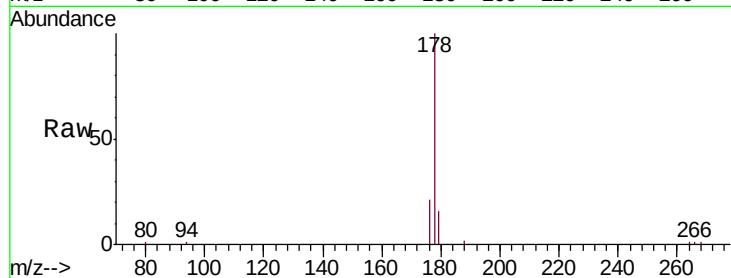
ClientSampleId :

BENT6DL

Tgt Ion:	178	Resp:	7326
Ion Ratio	Lower	Upper	
178	100		
179	16.4	14.2	21.2
176	20.7	16.8	25.2

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#13

Anthracene

Concen: 0.191 ng/ul

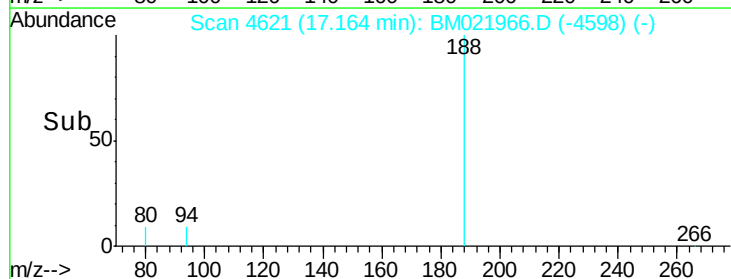
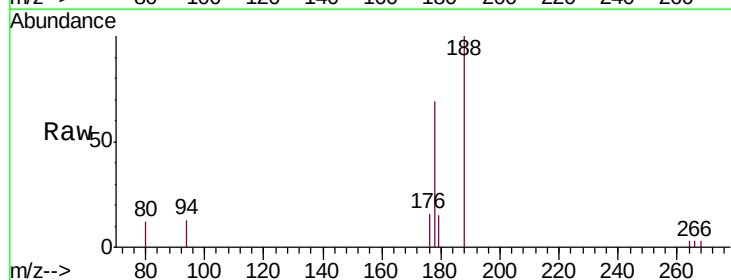
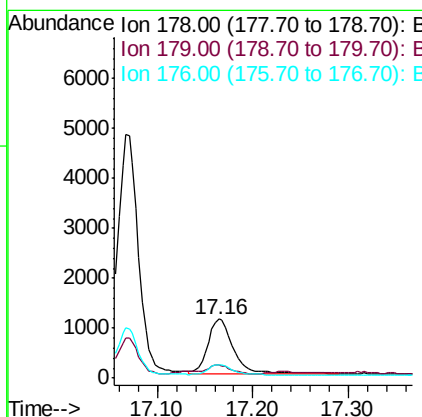
RT: 17.16 min Scan# 4621

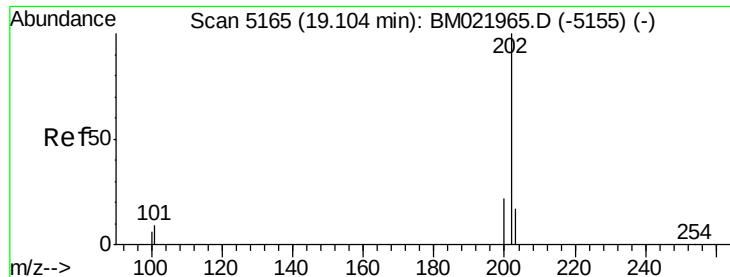
Delta R.T. -0.02 min

Lab File: BM021966.D

Acq: 09 Aug 2019 12:21

Tgt Ion:	178	Resp:	2037
Ion Ratio	Lower	Upper	
178	100		
179	21.9	15.5	23.3
176	22.7	16.6	25.0





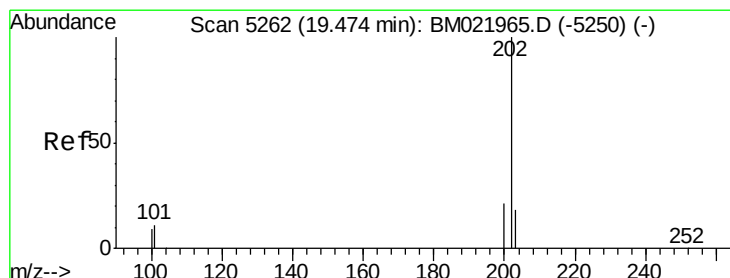
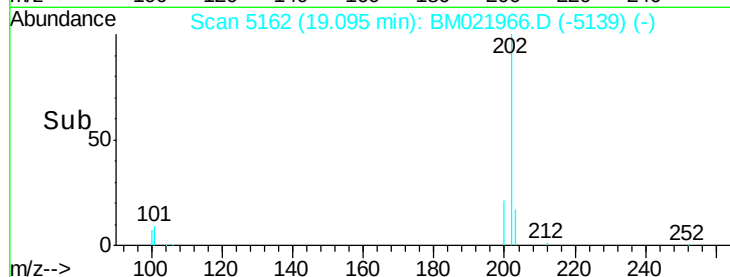
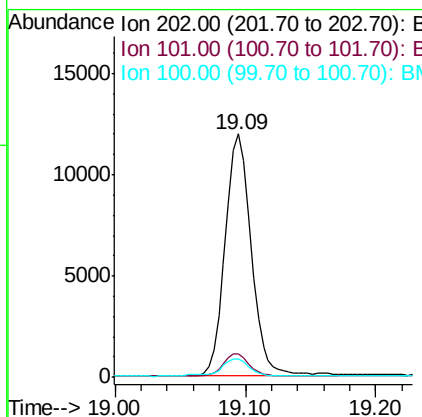
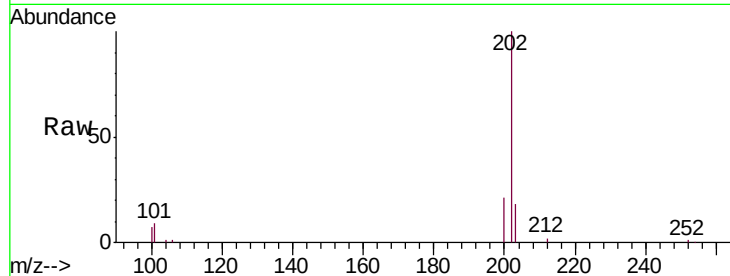
#15
Fluoranthene
Concen: 0.995 ng/ul
RT: 19.09 min Scan# 5162
Delta R.T. -0.01 min
Lab File: BM021966.D
Acq: 09 Aug 2019 12:21

Instrument :
BNA_M
ClientSampleId :
BENT6DL

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	16642		
101	9.5	0.0	30.2	
100	7.4	0.0	28.1	

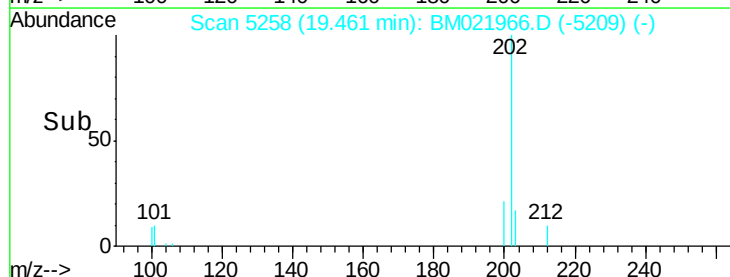
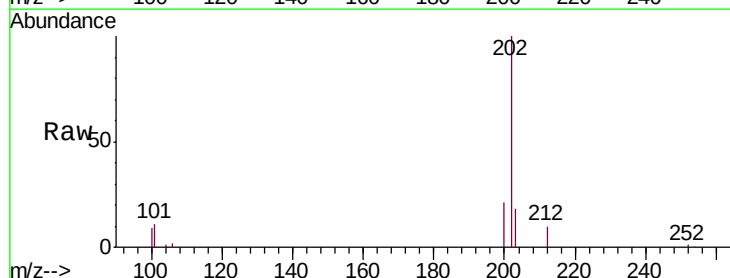
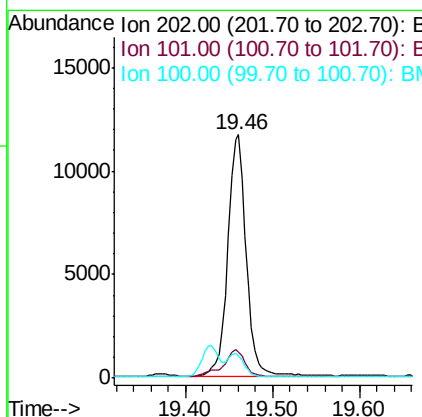
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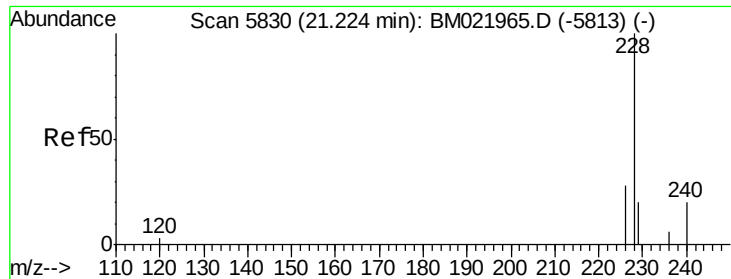
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#17
Pyrene
Concen: 1.011 ng/ul
RT: 19.46 min Scan# 5258
Delta R.T. -0.01 min
Lab File: BM021966.D
Acq: 09 Aug 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	17190		
101	10.9	8.3	12.5	
100	9.3	7.2	10.8	





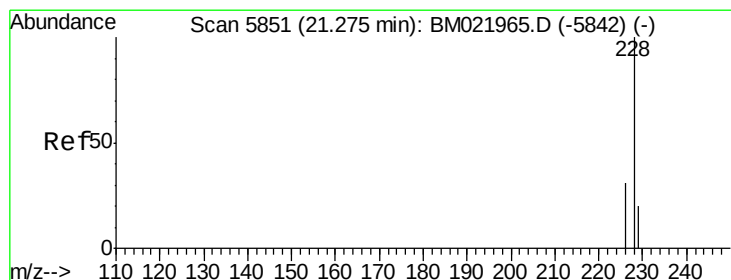
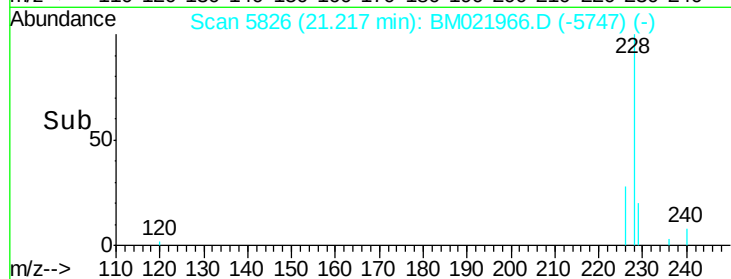
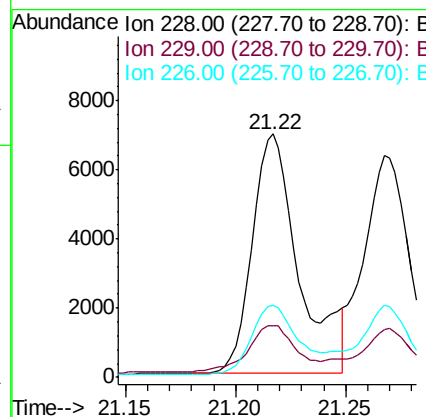
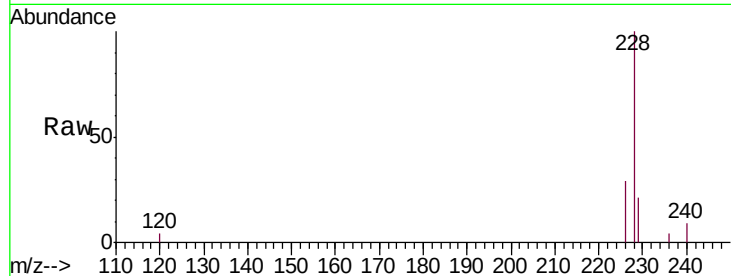
#18
Benzo(a)anthracene
Concen: 0.693 ng/ul
RT: 21.22 min Scan# 5826
Delta R.T. -0.01 min
Lab File: BM021966.D
Acq: 09 Aug 2019 12:21

Instrument :
BNA_M
ClientSampleId :
BENT6DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	17.2	25.8
226	29.5	22.6	34.0

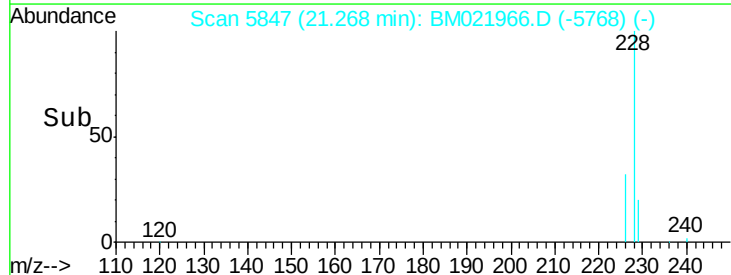
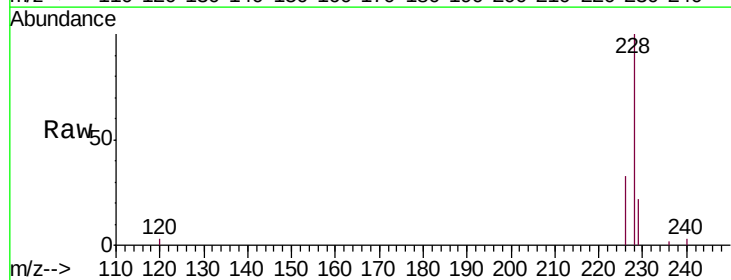
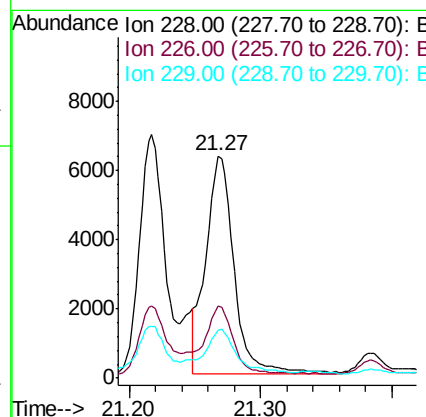
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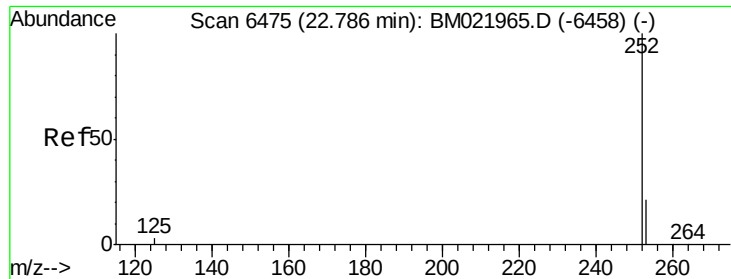
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#19
Chrysene
Concen: 0.499 ng/ul
RT: 21.27 min Scan# 5847
Delta R.T. -0.01 min
Lab File: BM021966.D
Acq: 09 Aug 2019 12:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.9	37.3
229	21.5	16.6	25.0





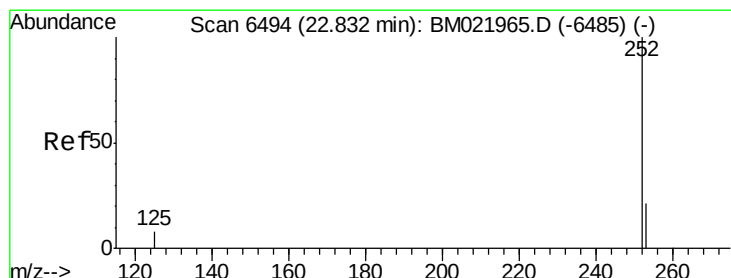
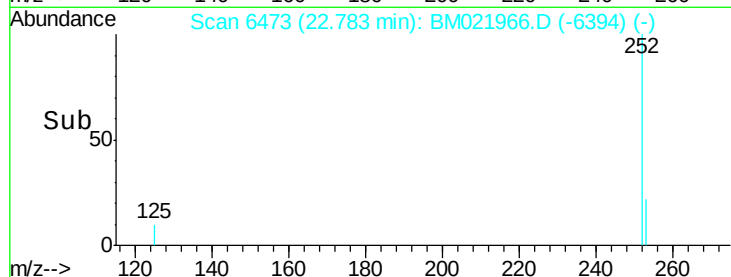
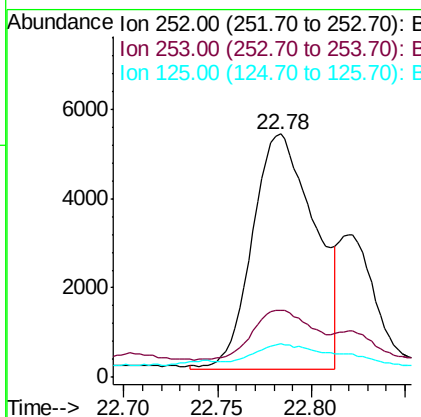
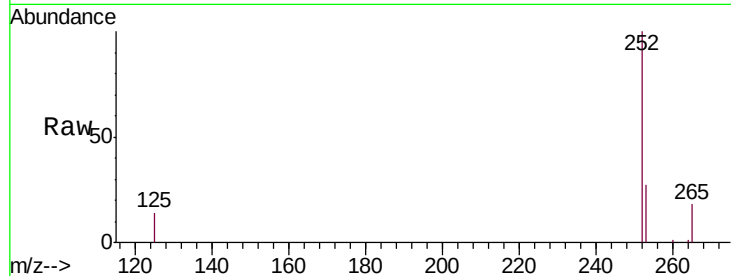
#21
Benzo(b)fluoranthene
Concen: 0.616 ng/ul m
RT: 22.78 min Scan# 6473
Delta R.T. -0.01 min
Lab File: BM021966.D
Acq: 09 Aug 2019 12:21

Instrument :
BNA_M
ClientSampleId :
BENT6DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	27.4	0.0	67.4
125	13.8	0.0	31.0

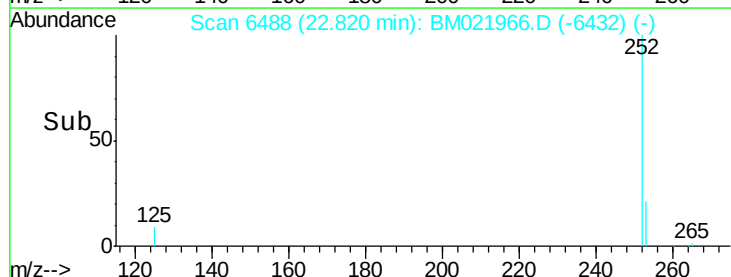
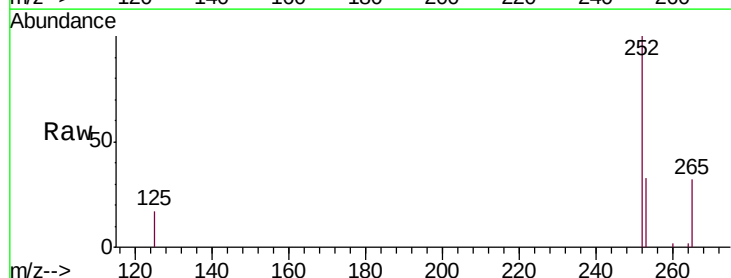
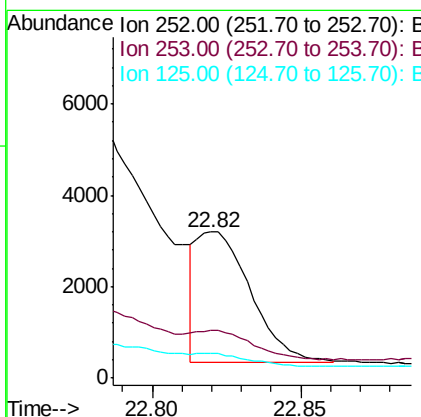
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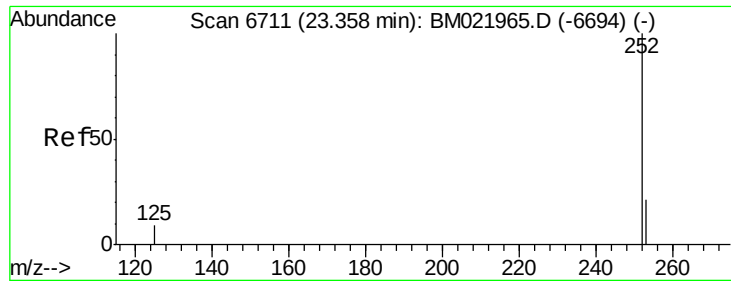
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#22
Benzo(k)fluoranthene
Concen: 0.164 ng/ul m
RT: 22.82 min Scan# 6488
Delta R.T. -0.01 min
Lab File: BM021966.D
Acq: 09 Aug 2019 12:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	32.6	27.0	40.4
125	16.6	12.2	18.2





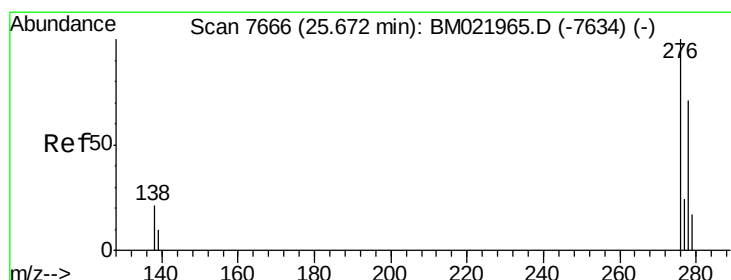
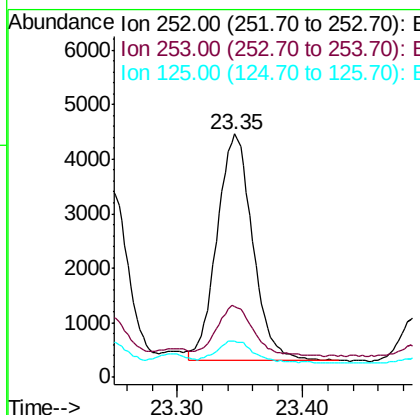
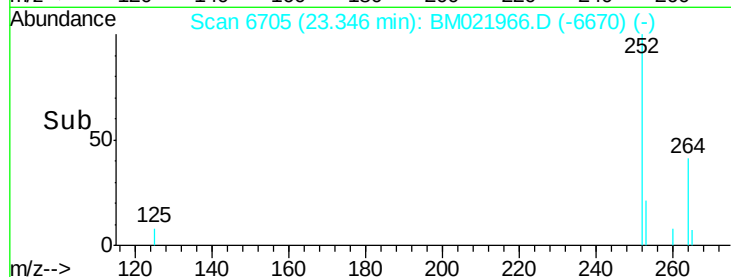
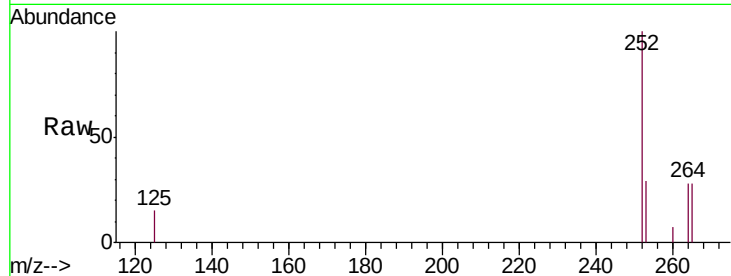
#23
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.35 min Scan# 6705
Delta R.T. -0.01 min
Lab File: BM021966.D
Acq: 09 Aug 2019 12:21

Instrument :
BNA_M
ClientSampleId :
BENT6DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.0	31.7	47.5#
125	15.0	14.6	21.8

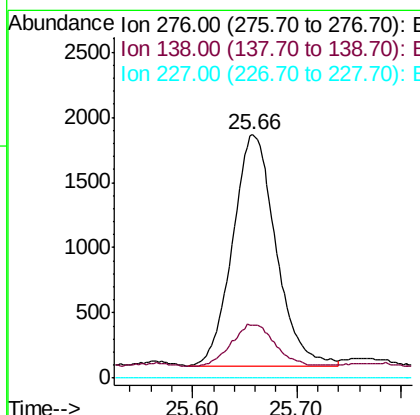
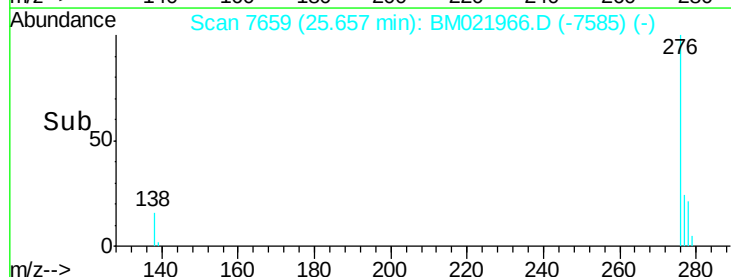
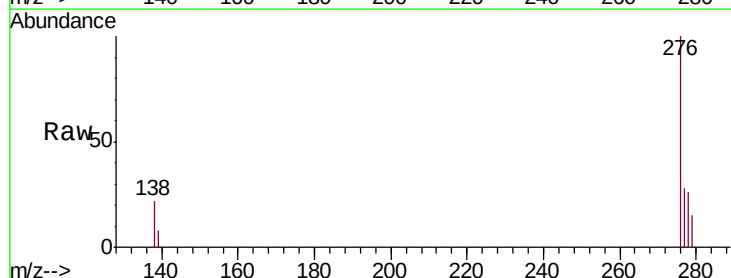
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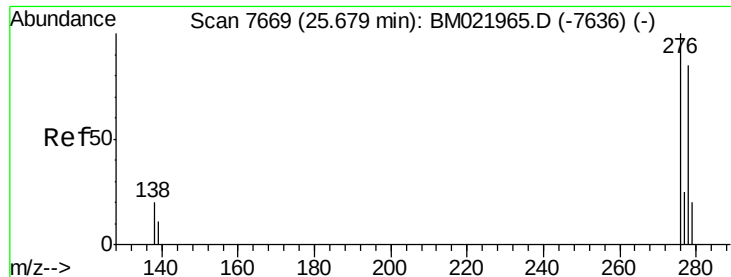
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.214 ng/ul
RT: 25.66 min Scan# 7659
Delta R.T. -0.02 min
Lab File: BM021966.D
Acq: 09 Aug 2019 12:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.1	15.1	22.7
227	0.0	0.0	0.0





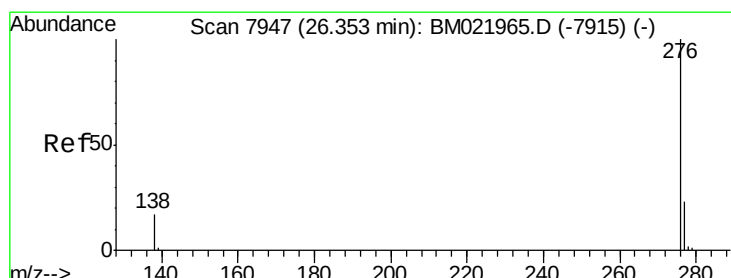
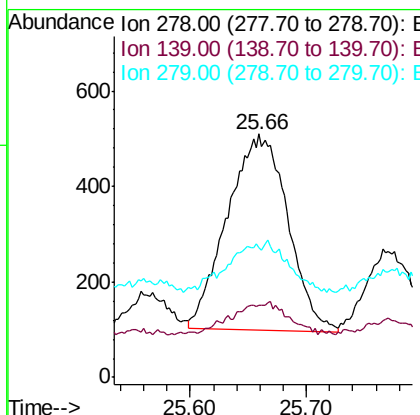
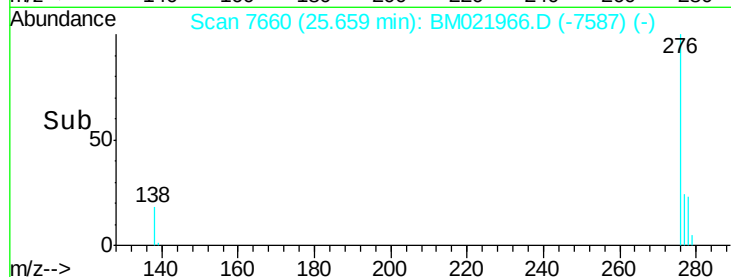
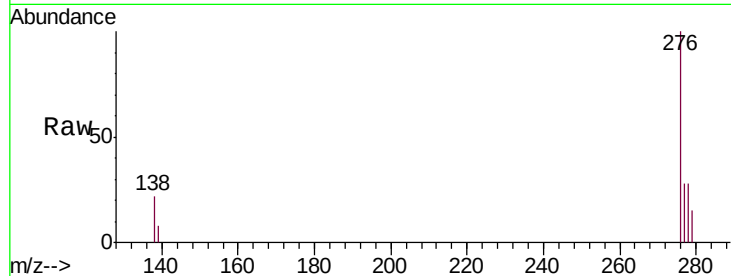
#25
Dibenzo(a,h)anthracene
Concen: 0.077 ng/ul
RT: 25.66 min Scan# 7660
Delta R.T. -0.02 min
Lab File: BM021966.D
Acq: 09 Aug 2019 12:21

Instrument :
BNA_M
ClientSampleId :
BENT6DL

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	1485		
139	29.6	14.2	21.2#	
279	53.1	28.3	42.5#	

Manual Integrations
APPROVED

Sohil
8/13/2019 8:35:55 AM



#26
Benzo(g,h,i)perylene
Concen: 0.199 ng/ul
RT: 26.34 min Scan# 7942
Delta R.T. -0.01 min
Lab File: BM021966.D
Acq: 09 Aug 2019 12:21

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	4297		
138	22.6	15.5	23.3	
277	28.9	21.4	32.2	

