

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021956.D
 Acq On : 09 Aug 2019 06:16
 Operator : HP/JU
 Sample : K4028-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ7

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:30:38 AM

Quant Time: Aug 09 14:11:58 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 : 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	987	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4238	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2369	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	5572m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	5290m	0.40	ng/ul	-0.02
20) Perylene-d12	23.44	264	5455m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1096	0.16	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	3353m	0.18	ng/ul	-0.02
Target Compounds					Ovalue	
3) Naphthalene	10.44	128	2260	0.189	ng/ul	98
5) 2-Methylnaphthalene	12.08	142	1377	0.173	ng/ul	95
7) Acenaphthylene	13.99	152	6103	0.552	ng/ul#	82
8) Acenaphthene	14.33	153	3282	0.363	ng/ul	97
9) Fluorene	15.33	166	4116	0.410	ng/ul	100
12) Phenanthrene	17.07	178	98854m	6.097	ng/ul	
13) Anthracene	17.16	178	26808m	1.938	ng/ul	
15) Fluoranthene	19.09	202	196009m	9.025	ng/ul	
17) Pyrene	19.46	202	233406	10.737	ng/ul	98
18) Benzo(a)anthracene	21.21	228	151581m	8.011	ng/ul	
19) Chrysene	21.26	228	144499	5.938	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	150930m	8.205	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	51288m	2.464	ng/ul	
23) Benzo(a)pyrene	23.34	252	121621	6.501	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.65	276	66916	2.996	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.65	278	20568	1.139	ng/ul	95
26) Benzo(a,h,i)perylene	26.33	276	69519	3.457	ng/ul	95

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

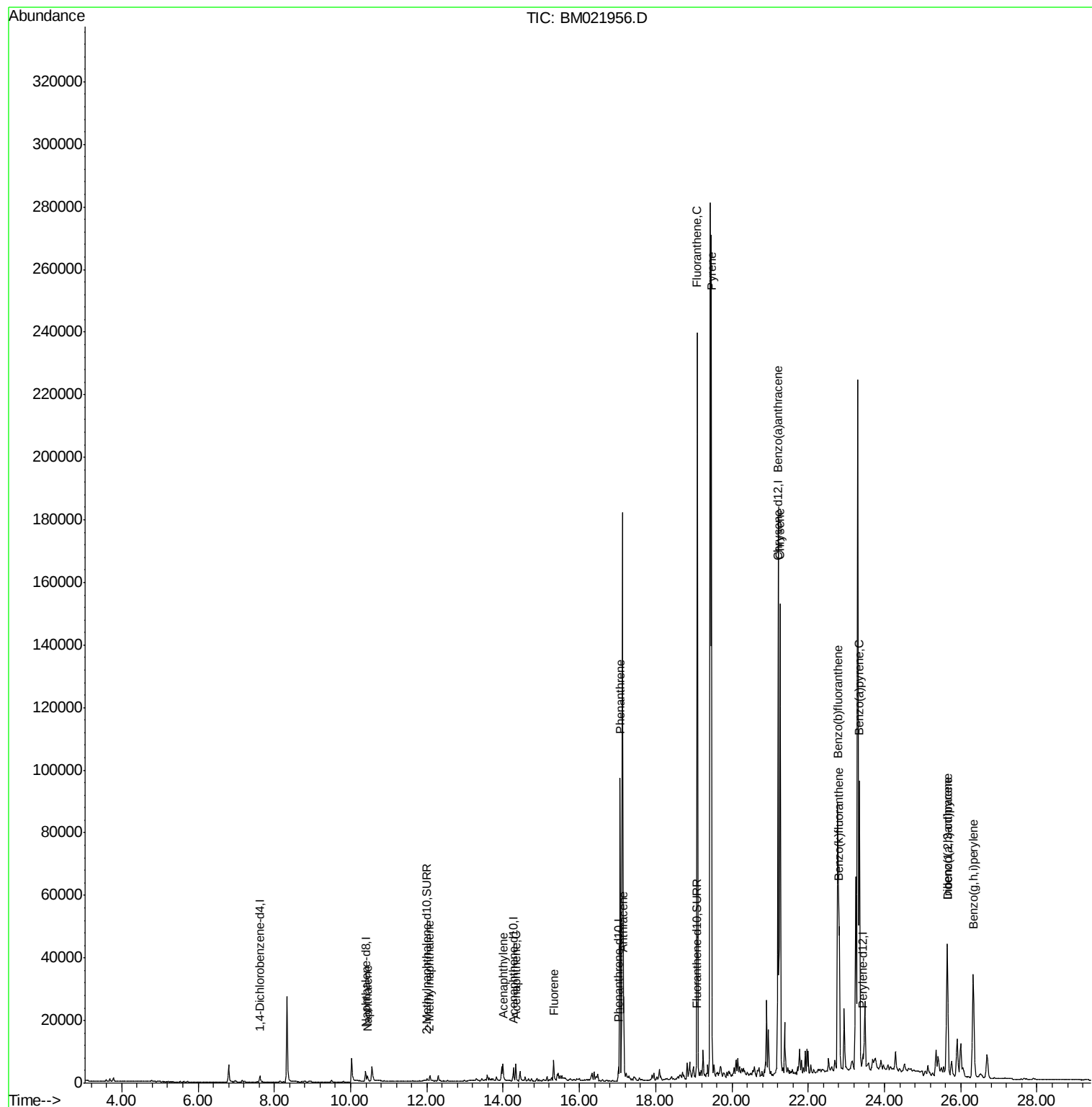
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
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ALS Vial : 18 Sample Multiplier: 1

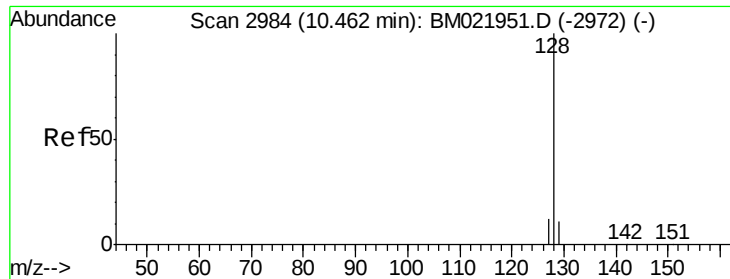
Instrument :
BNA_M
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BENQ7

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Fri Aug 09 01:29:50 2019
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#3

Naphthalene

Concen: 0.189 ng/ul

RT: 10.44 min Scan# 2980

Delta R.T. -0.02 min

Lab File: BM021956.D

Acq: 09 Aug 2019 06:16

Instrument :

BNA_M

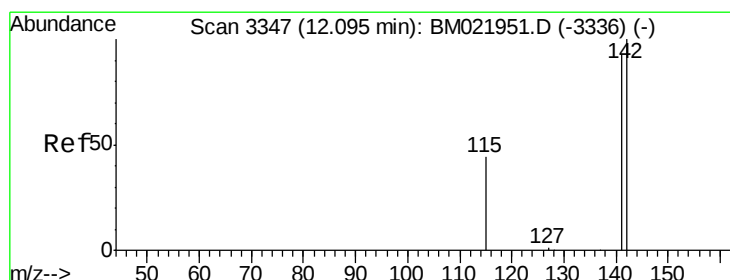
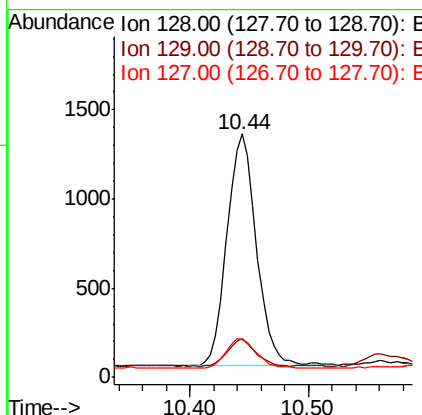
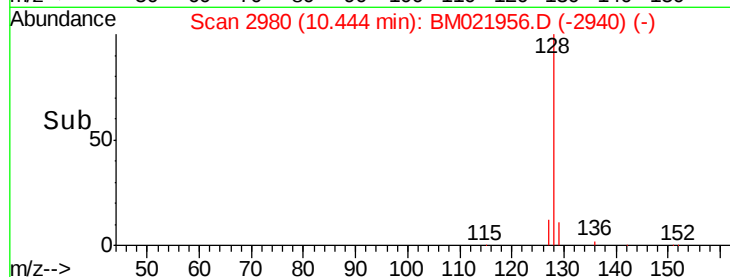
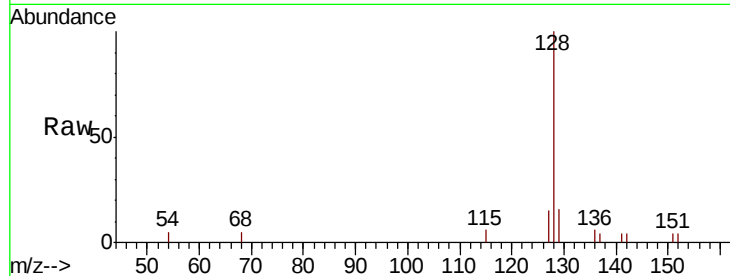
ClientSampleId :

BENQ7

Tot Ion:	128	Resp:	2260
Ion	Ratio	Lower	Upper
128	100		
129	15.9	12.3	18.5
127	15.4	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.173 ng/ul

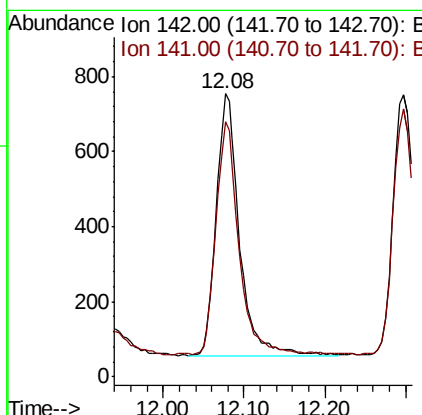
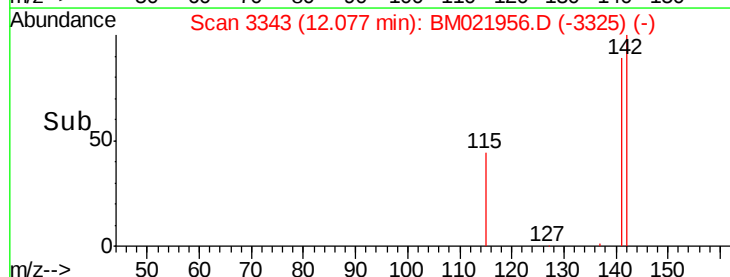
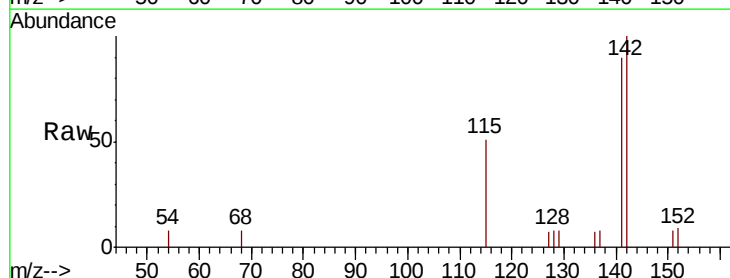
RT: 12.08 min Scan# 3343

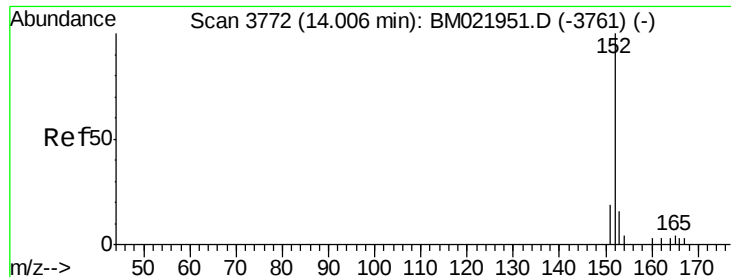
Delta R.T. -0.02 min

Lab File: BM021956.D

Acq: 09 Aug 2019 06:16

Tgt Ion:	142	Resp:	1377
Ion	Ratio	Lower	Upper
142	100		
141	88.4	74.3	111.5





#7

Acenaphthylene

Concen: 0.552 ng/ul

RT: 13.99 min Scan# 3769

Delta R.T. -0.01 min

Lab File: BM021956.D

Acq: 09 Aug 2019 06:16

Instrument :

BNA_M

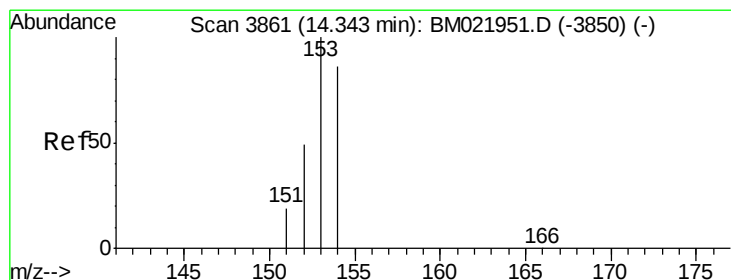
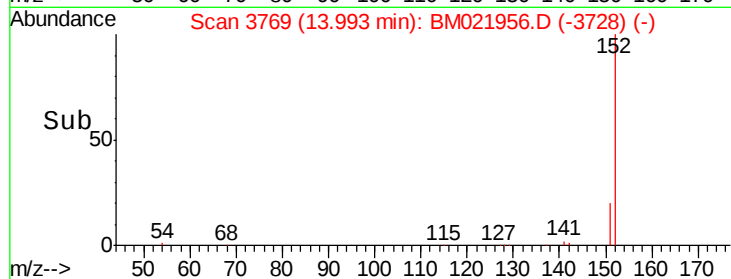
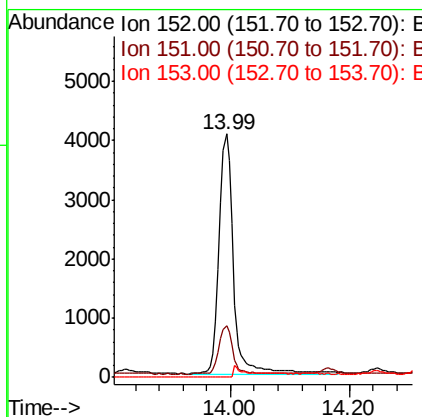
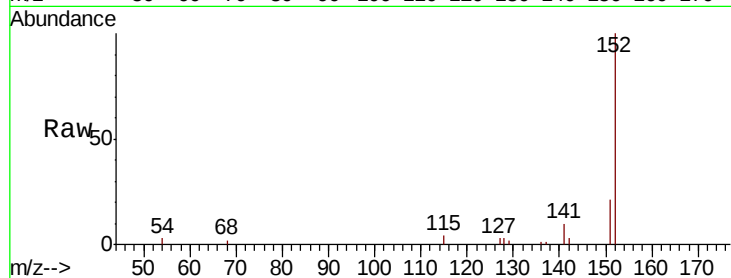
ClientSampled :

BENQ7

Tot Ion:	152	Resp:	6103
Ion Ratio	Lower	Upper	
152	100		
151	21.1	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.363 ng/ul

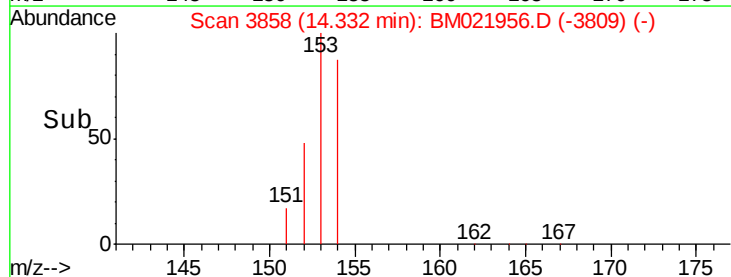
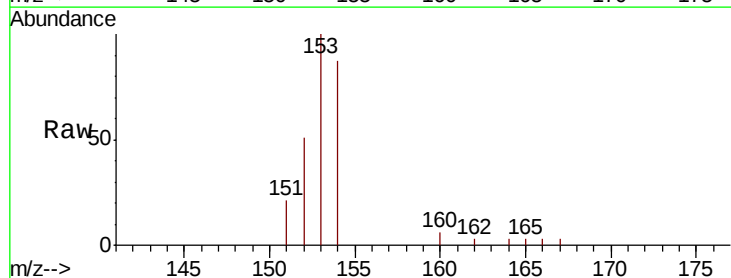
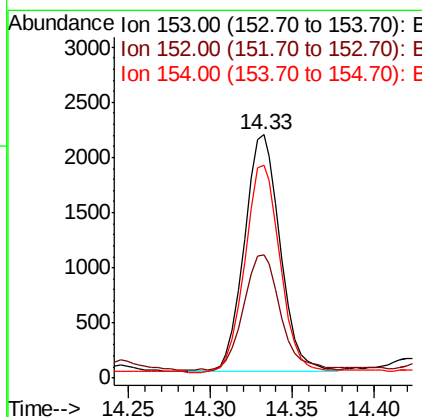
RT: 14.33 min Scan# 3858

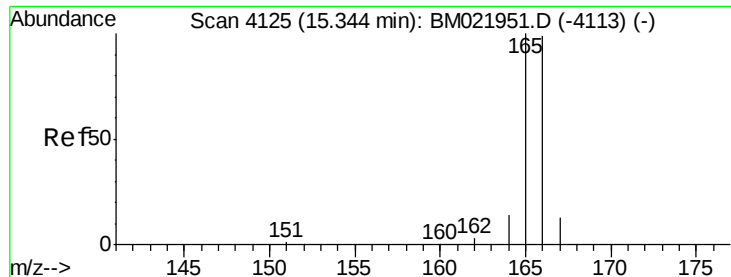
Delta R.T. -0.01 min

Lab File: BM021956.D

Acq: 09 Aug 2019 06:16

Tgt Ion:	153	Resp:	3282
Ion Ratio	Lower	Upper	
153	100		
152	50.6	41.3	61.9
154	87.2	72.3	108.5





#9

Fluorene

Concen: 0.410 ng/ul

RT: 15.33 min Scan# 4120

Delta R.T. -0.02 min

Lab File: BM021956.D

Acq: 09 Aug 2019 06:16

Instrument :

BNA_M

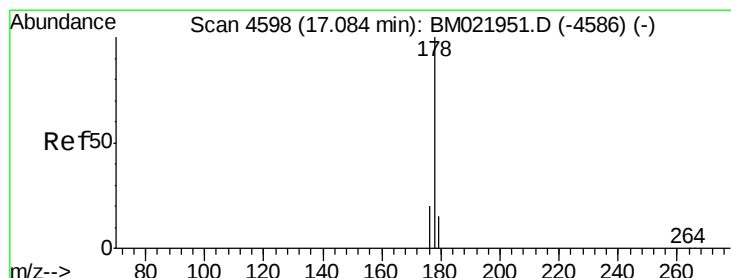
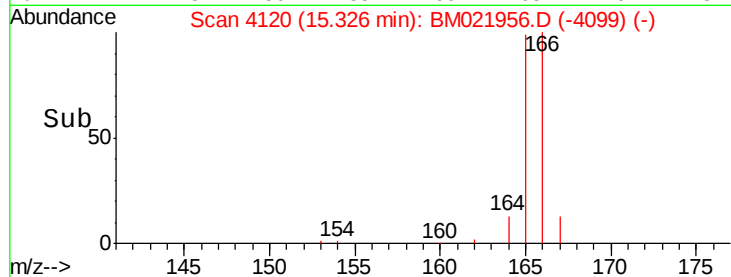
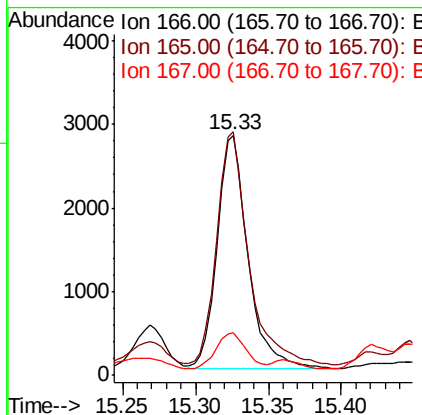
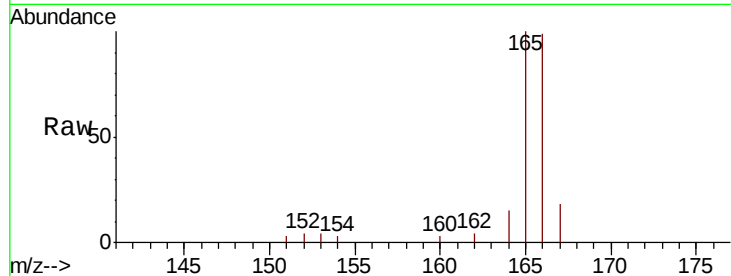
ClientSampleId :

BENQ7

Tot Ion:	166	Resp:	4116
Ion	Ratio	Lower	Upper
166	100		
165	101.5	81.4	122.0
167	18.0	13.7	20.5

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#12

Phenanthrene

Concen: 6.097 ng/ul m

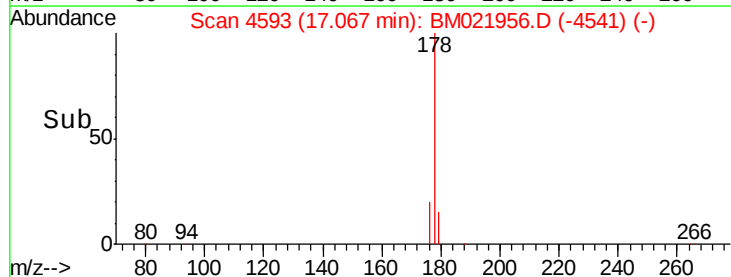
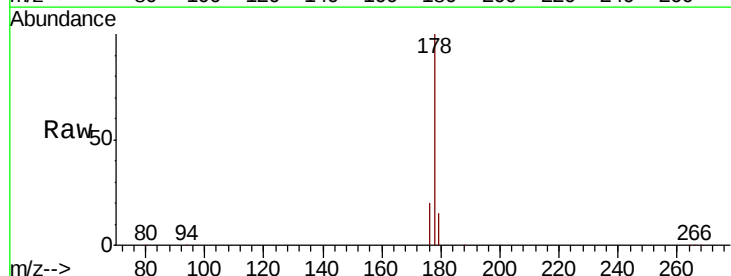
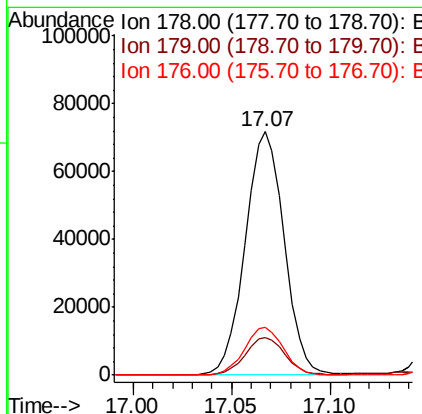
RT: 17.07 min Scan# 4593

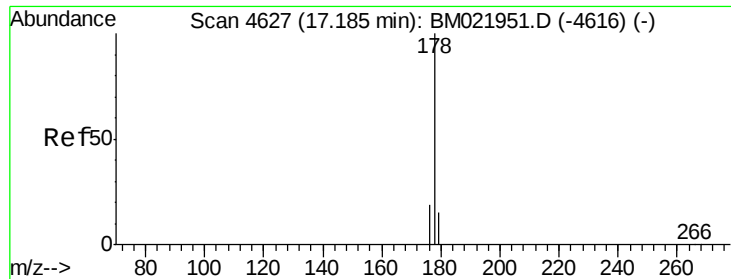
Delta R.T. -0.02 min

Lab File: BM021956.D

Acq: 09 Aug 2019 06:16

Tgt Ion:	178	Resp:	98854
Ion	Ratio	Lower	Upper
178	100		
179	15.4	14.2	21.2
176	19.7	16.8	25.2





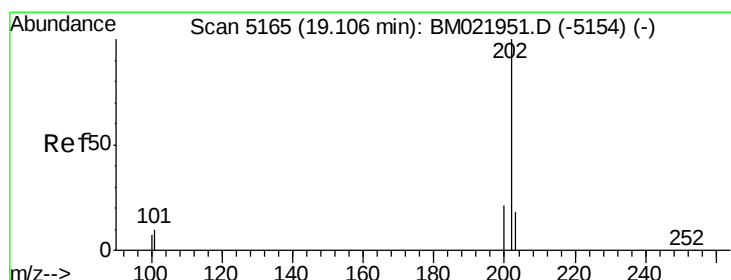
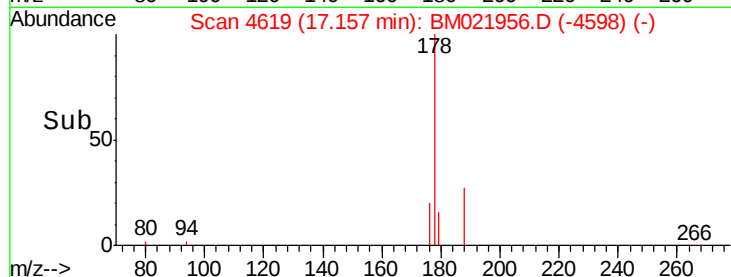
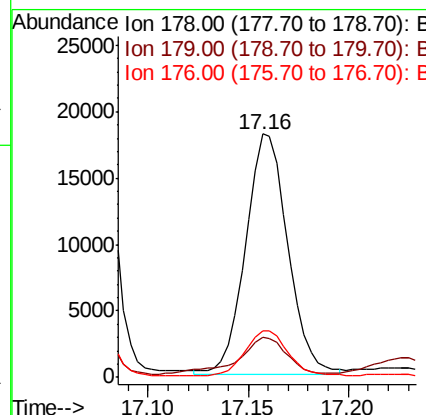
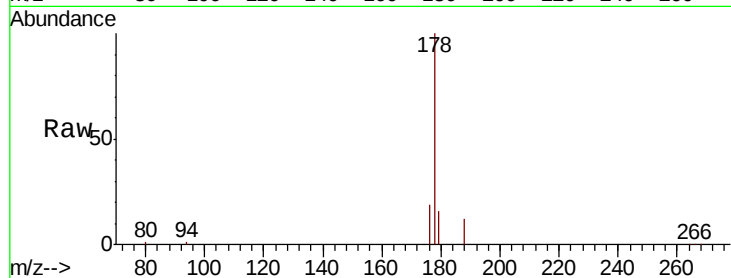
#13
 Anthracene
 Concen: 1.938 ng/ul m
 RT: 17.16 min Scan# 4619
 Delta R.T. -0.03 min
 Lab File: BM021956.D
 Acq: 09 Aug 2019 06:16

Instrument :
 BNA_M
 ClientSampled :
 BENQ7

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	15.5	23.3
176	19.3	16.6	25.0

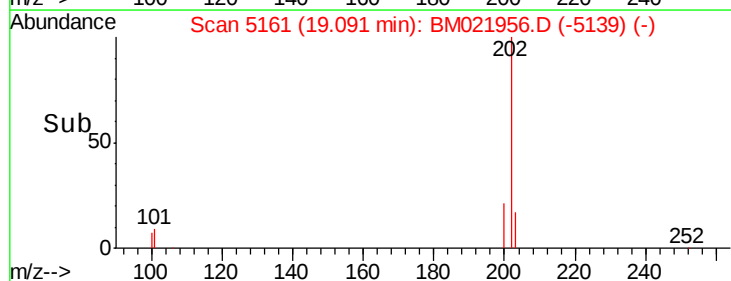
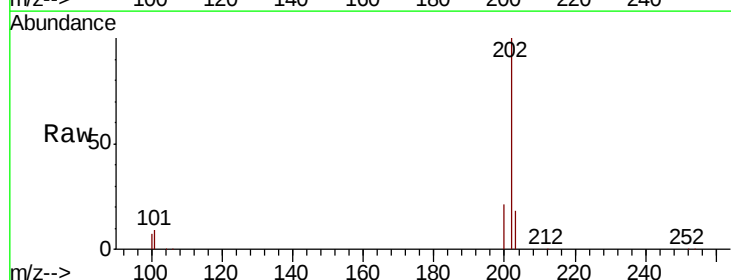
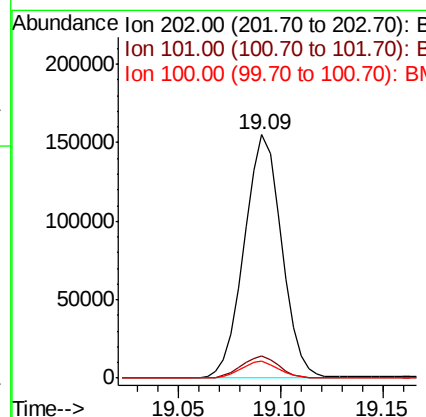
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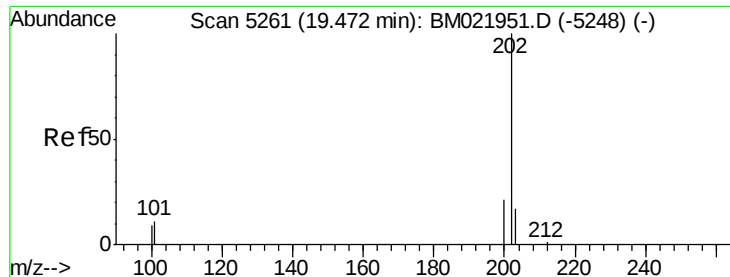
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#15
 Fluoranthene
 Concen: 9.025 ng/ul m
 RT: 19.09 min Scan# 5161
 Delta R.T. -0.02 min
 Lab File: BM021956.D
 Acq: 09 Aug 2019 06:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.2
100	6.9	0.0	28.1





#17

Pvrene

Concen: 10.737 ng/ul

RT: 19.46 min Scan# 5257

Delta R.T. -0.02 min

Lab File: BM021956.D

Acq: 09 Aug 2019 06:16

Instrument :

BNA_M

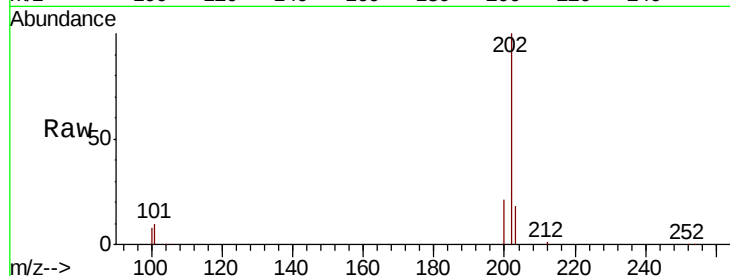
ClientSampleId :

BENQ7

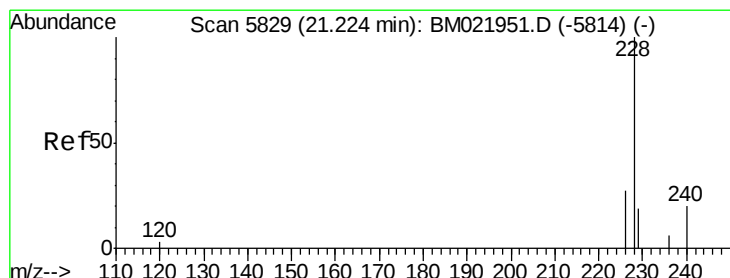
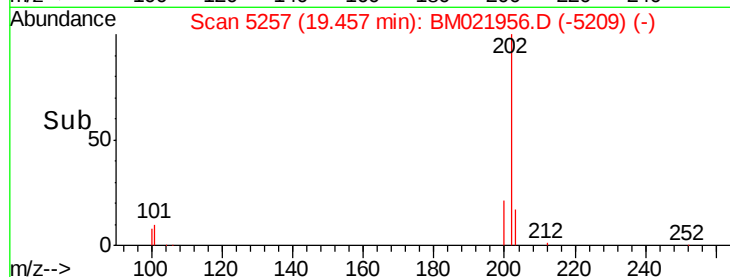
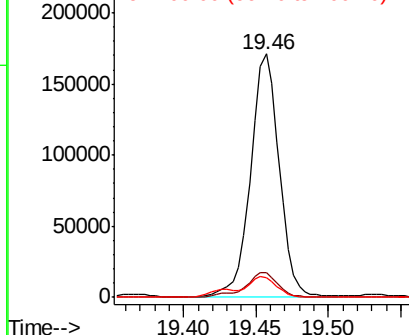
Tot Ion:	202	Resp:	233406
Ion Ratio	Lower	Upper	
202	100		
101	10.0	8.3	12.5
100	8.2	7.2	10.8

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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: 8.011 ng/ul m

RT: 21.21 min Scan# 5823

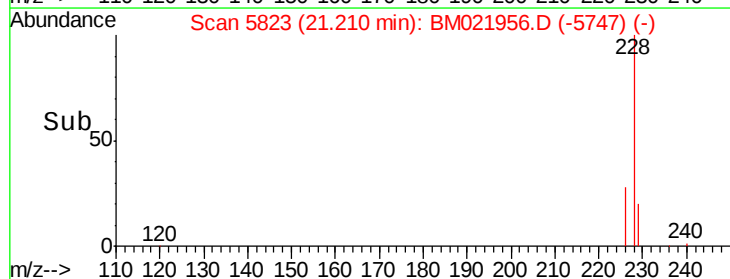
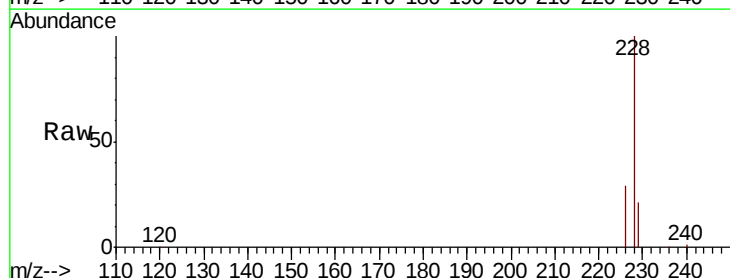
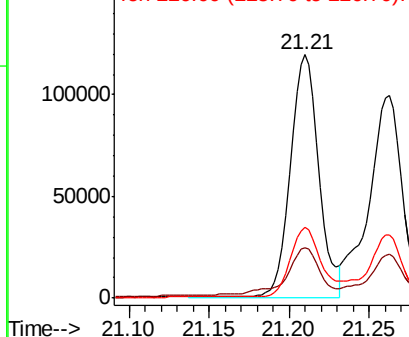
Delta R.T. -0.02 min

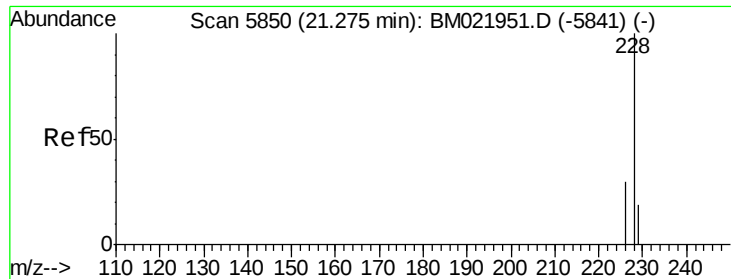
Lab File: BM021956.D

Acq: 09 Aug 2019 06:16

Tgt Ion:	228	Resp:	151581
Ion Ratio	Lower	Upper	
228	100		
229	20.9	17.2	25.8
226	28.9	22.6	34.0

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: 5.938 ng/ul

RT: 21.26 min Scan# 5845

Delta R.T. -0.01 min

Lab File: BM021956.D

Acq: 09 Aug 2019 06:16

Instrument :

BNA_M

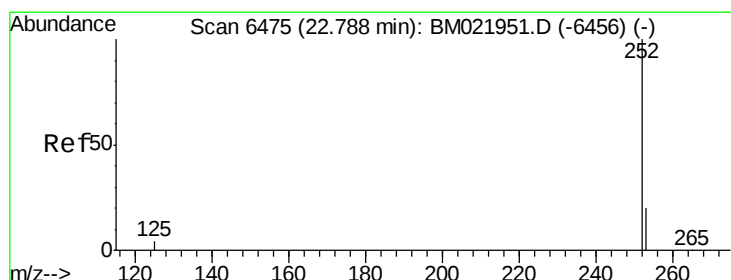
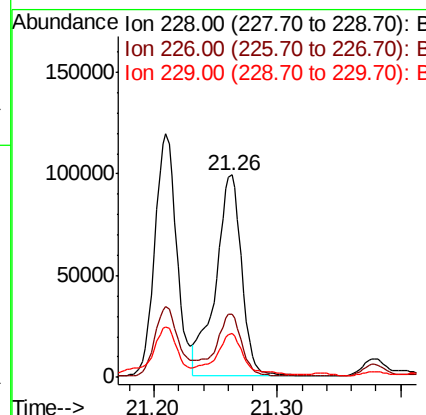
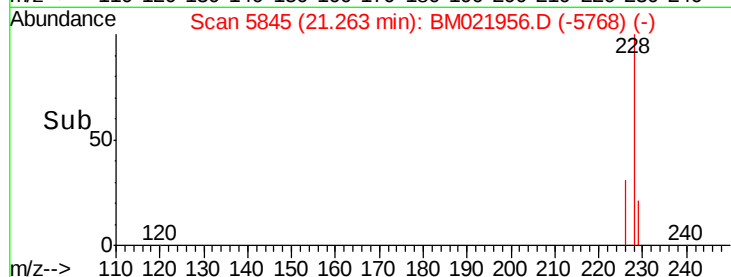
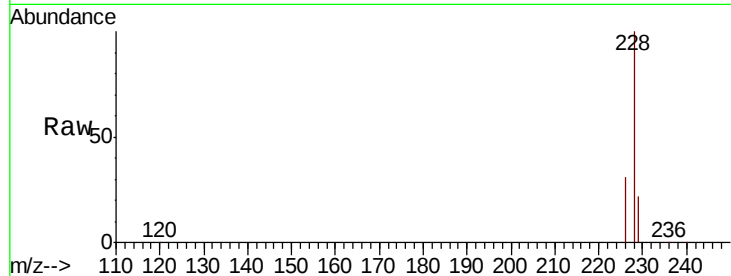
ClientSampleId :

BENQ7

Tot Ion:	228	Resp:	144499
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.9	37.3
229	21.5	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 8.205 ng/ul m

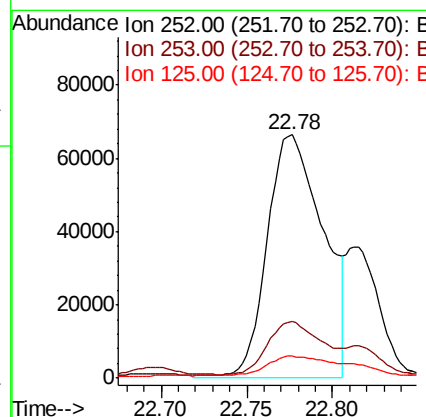
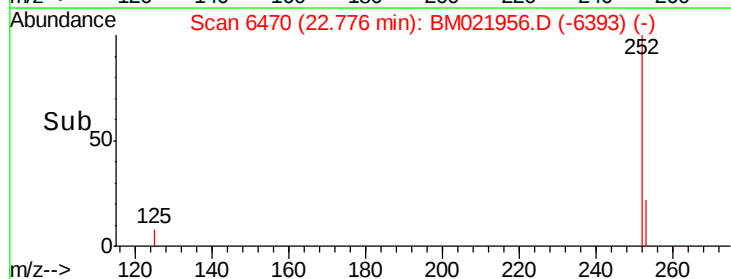
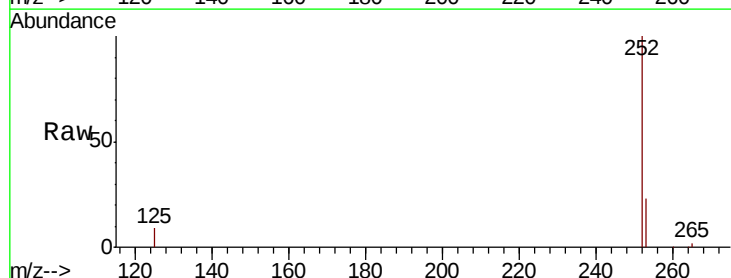
RT: 22.78 min Scan# 6470

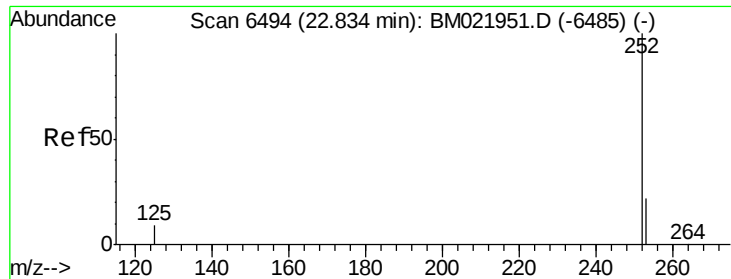
Delta R.T. -0.01 min

Lab File: BM021956.D

Acq: 09 Aug 2019 06:16

Tgt Ion:	252	Resp:	150930
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	67.4
125	8.9	0.0	31.0





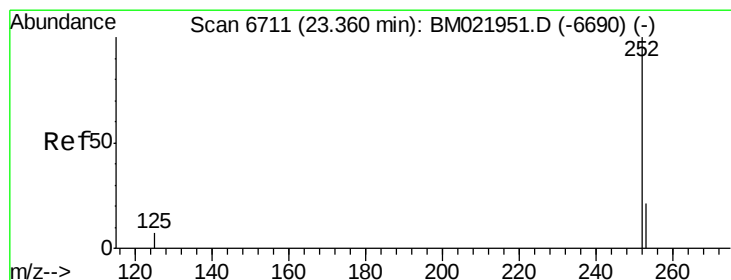
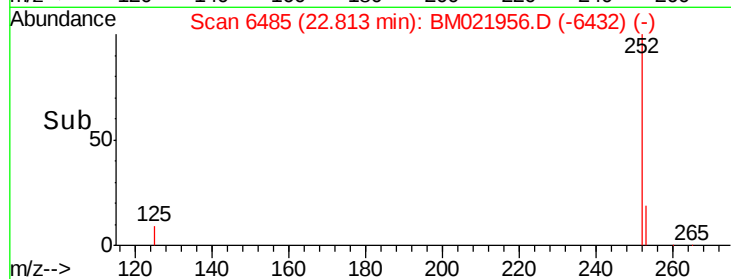
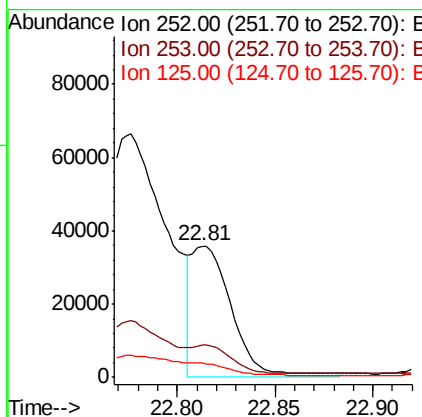
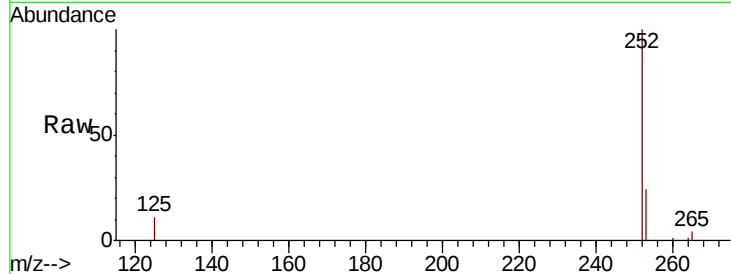
#22
Benzo(k)fluoranthene
Concen: 2.464 ng/ul m
RT: 22.81 min Scan# 6485
Delta R.T. -0.02 min
Lab File: BM021956.D
Acq: 09 Aug 2019 06:16

Instrument :
BNA_M
ClientSampled :
BENQ7

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	27.0	40.4#
125	10.6	12.2	18.2#

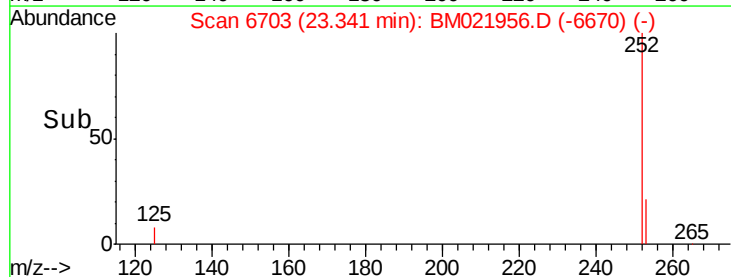
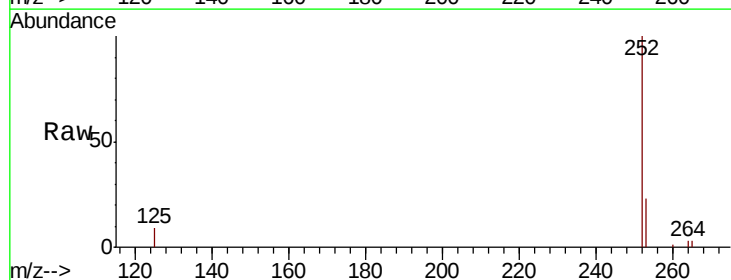
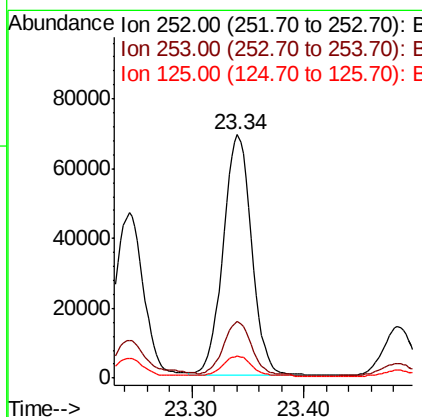
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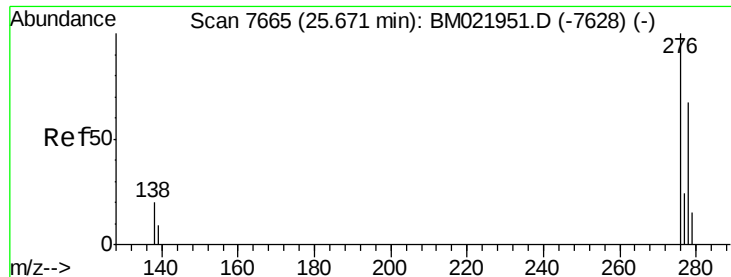
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#23
Benzo(a)pyrene
Concen: 6.501 ng/ul
RT: 23.34 min Scan# 6703
Delta R.T. -0.02 min
Lab File: BM021956.D
Acq: 09 Aug 2019 06:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	31.7	47.5#
125	9.1	14.6	21.8#





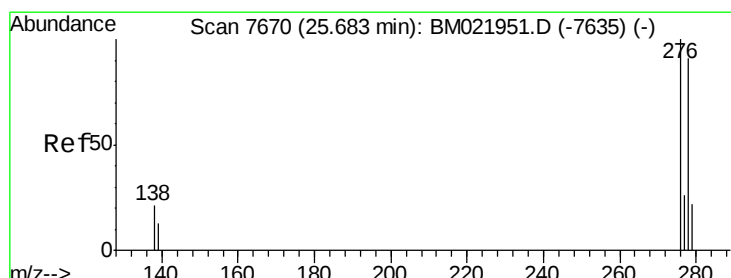
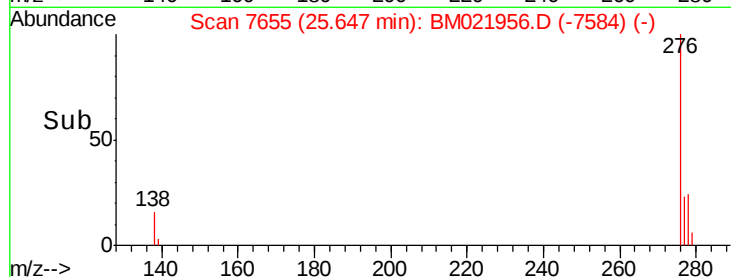
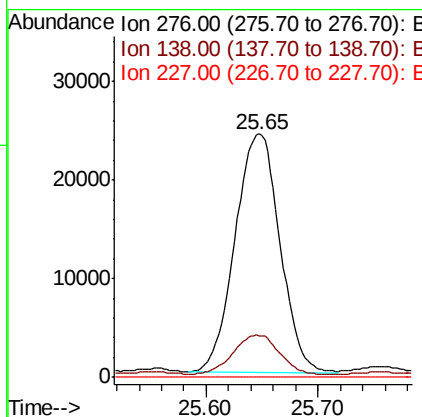
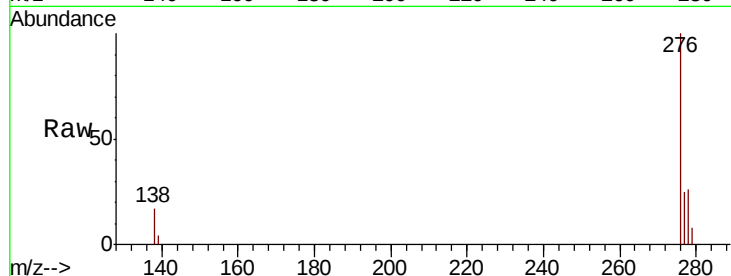
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.996 ng/ul
RT: 25.65 min Scan# 7655
Delta R.T. -0.03 min
Lab File: BM021956.D
Acq: 09 Aug 2019 06:16

Instrument :
BNA_M
ClientSampleId :
BENQ7

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.9	15.1	22.7
227	0.0	0.0	0.0

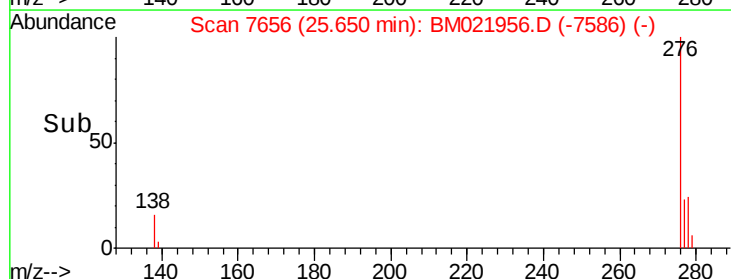
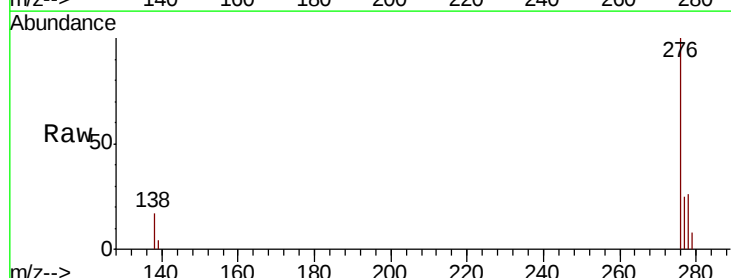
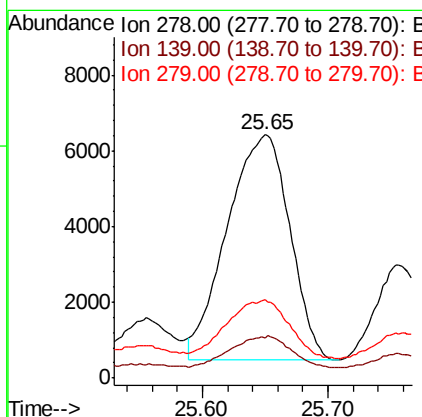
Manual Integrations
APPROVED

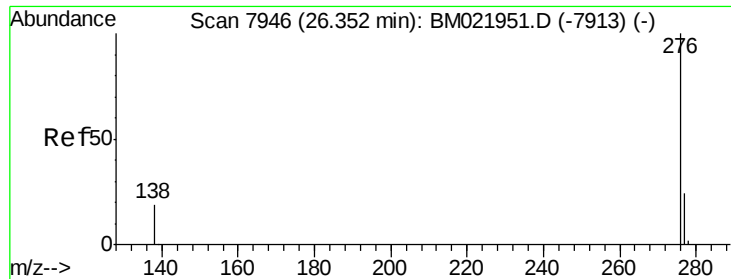
Sohil
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#25
Dibenzo(a,h)anthracene
Concen: 1.139 ng/ul
RT: 25.65 min Scan# 7656
Delta R.T. -0.03 min
Lab File: BM021956.D
Acq: 09 Aug 2019 06:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.2	21.2
279	32.1	28.3	42.5





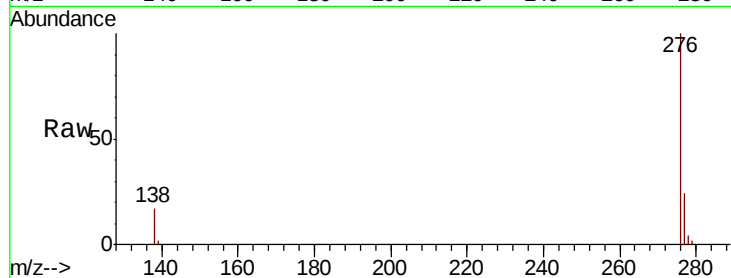
#26
 Benzo(a,h,i)perylene
 Concen: 3.457 ng/ul
 RT: 26.33 min Scan# 7935
 Delta R.T. -0.03 min
 Lab File: BM021956.D
 Acq: 09 Aug 2019 06:16

Instrument :
 BNA_M
 ClientSampleId :
 BENQ7

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.4	15.5	23.3
277	24.4	21.4	32.2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:30:38 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

