

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021957.D
 Acq On : 09 Aug 2019 06:52
 Operator : HP/JU
 Sample : K4028-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENQ6

Manual Integrations
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Sohil
 8/13/2019 8:30:42 AM

Quant Time: Aug 09 12:35:06 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	1109	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4900	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2750	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	6570m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	6271m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	6480m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1168	0.14	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	3662m	0.17	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	1669	0.121	ng/ul	98
5) 2-Methylnaphthalene	12.08	142	1043	0.113	ng/ul	96
7) Acenaphthylene	13.99	152	5916	0.461	ng/ul#	83
8) Acenaphthene	14.33	153	2197	0.209	ng/ul	97
9) Fluorene	15.33	166	2921	0.251	ng/ul	98
12) Phenanthrene	17.07	178	69239m	3.622	ng/ul	
13) Anthracene	17.16	178	16399m	1.006	ng/ul	
15) Fluoranthene	19.09	202	153675m	6.001	ng/ul	
17) Pyrene	19.45	202	178774	6.937	ng/ul	99
18) Benzo(a)anthracene	21.21	228	109663m	4.889	ng/ul	
19) Chrysene	21.26	228	114538	3.970	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	124170m	5.682	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	44736m	1.809	ng/ul	
23) Benzo(a)pyrene	23.34	252	99748m	4.489	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.64	276	60766m	2.290	ng/ul	
25) Dibenzo(a,h)anthracene	25.65	278	18406m	0.858	ng/ul	
26) Benzo(a,h,i)perylene	26.33	276	62120m	2.601	ng/ul	

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

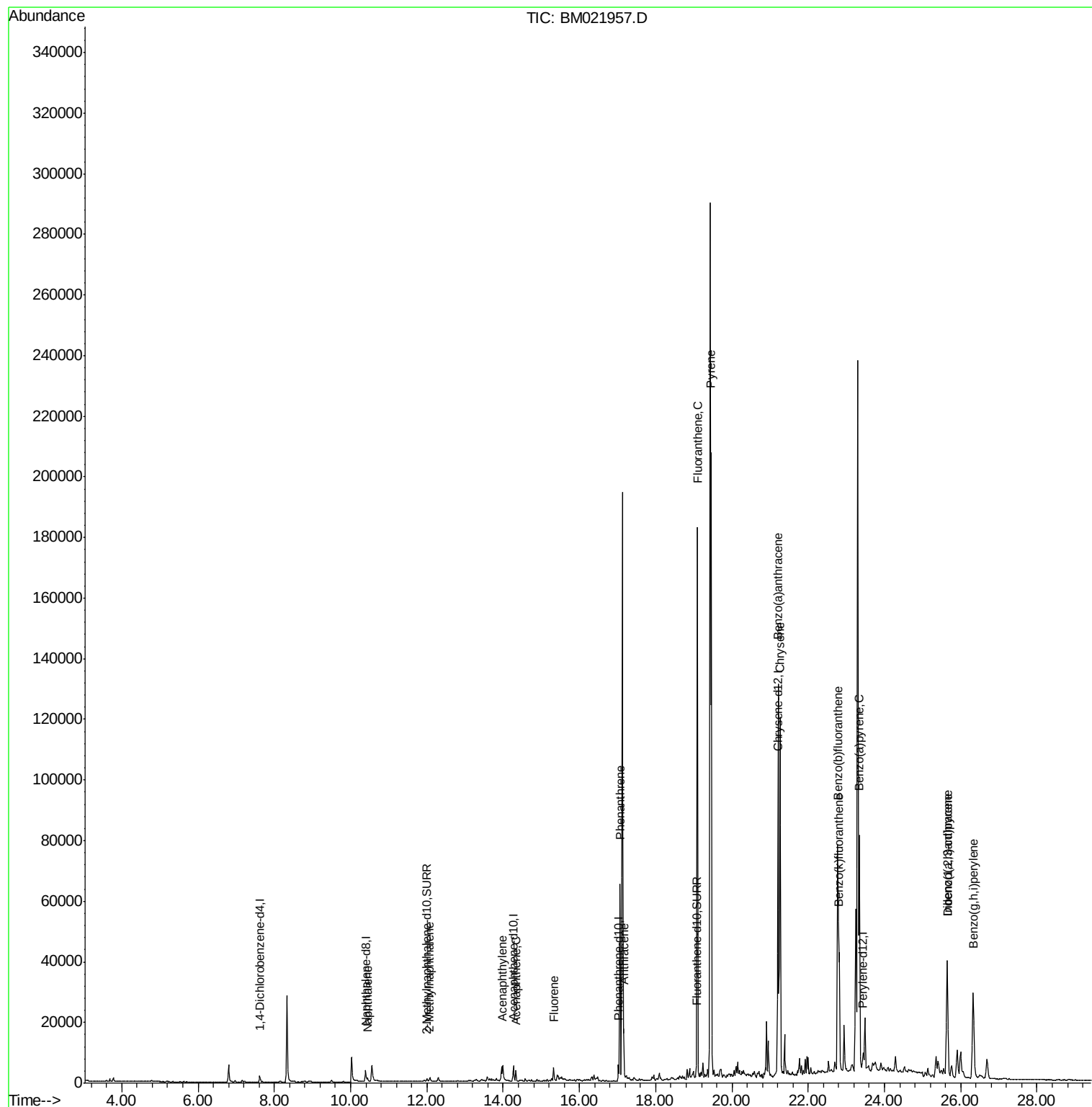
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
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ALS Vial : 19 Sample Multiplier: 1

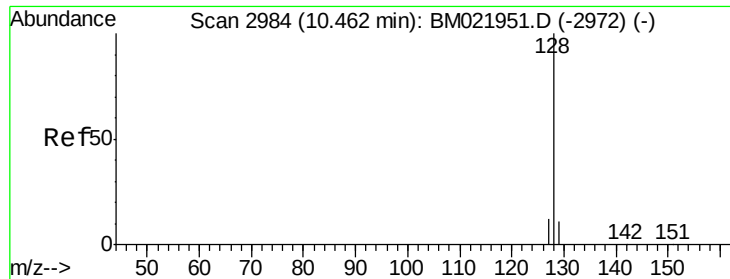
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
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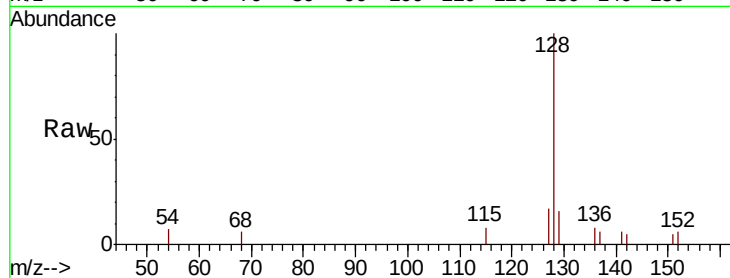
#3
Naphthalene
Concen: 0.121 ng/ul
RT: 10.44 min Scan# 2980
Delta R.T. -0.02 min
Lab File: BM021957.D
Acq: 09 Aug 2019 06:52

Instrument :
BNA_M
ClientSampled :
BENQ6

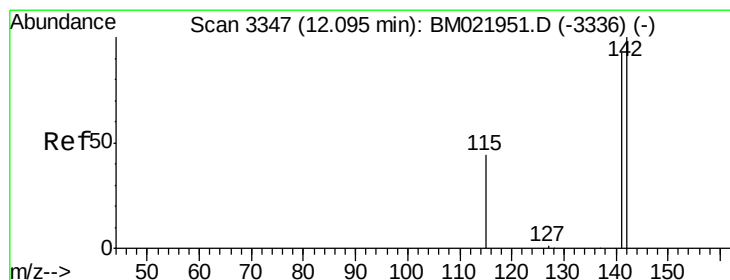
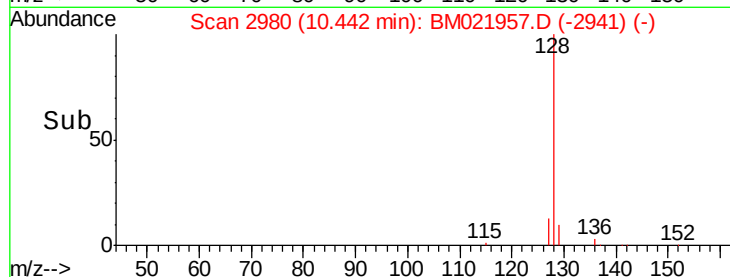
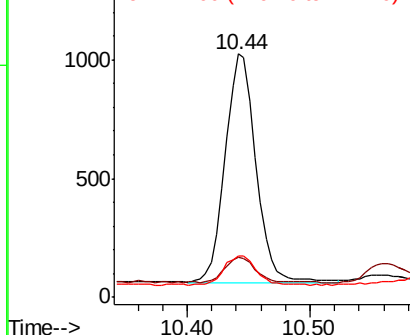
Tot Ion	Ratio	Lower	Upper
128	100		
129	16.5	12.3	18.5
127	17.1	13.0	19.6

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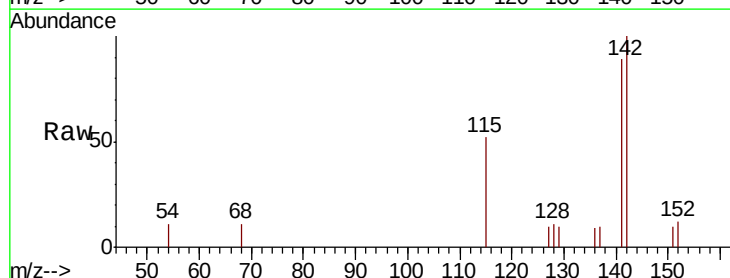


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

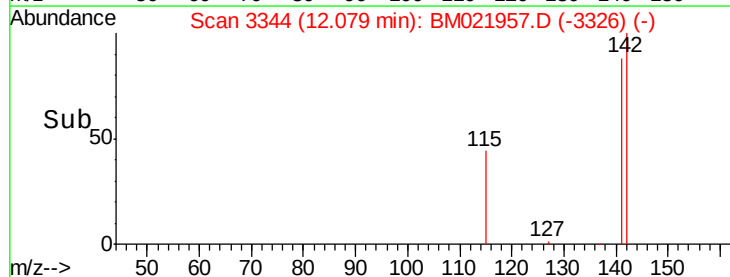
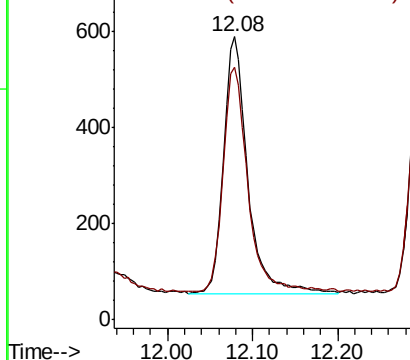


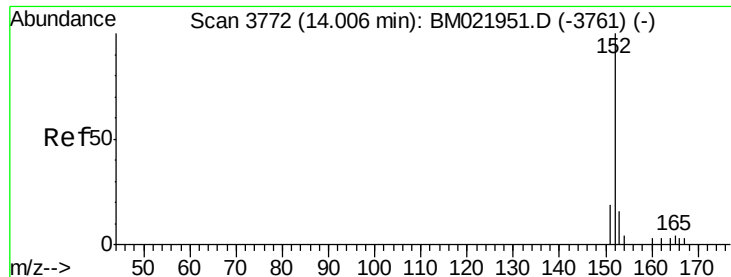
#5
2-Methylnaphthalene
Concen: 0.113 ng/ul
RT: 12.08 min Scan# 3344
Delta R.T. -0.02 min
Lab File: BM021957.D
Acq: 09 Aug 2019 06:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	74.3	111.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.461 ng/ul

RT: 13.99 min Scan# 3770

Delta R.T. -0.01 min

Lab File: BM021957.D

Acq: 09 Aug 2019 06:52

Instrument :

BNA_M

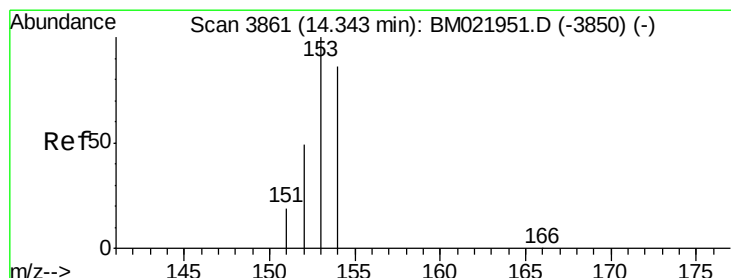
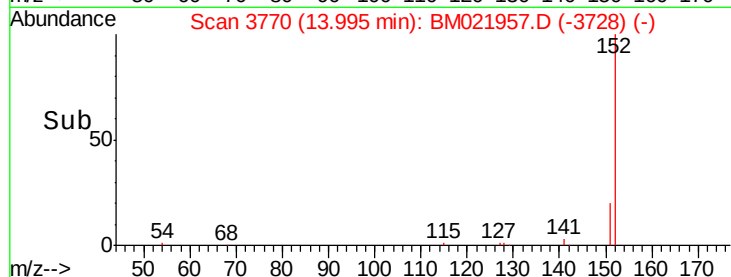
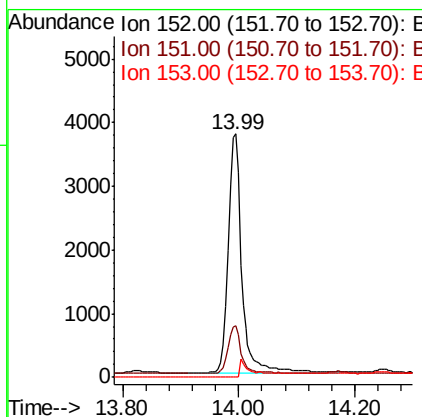
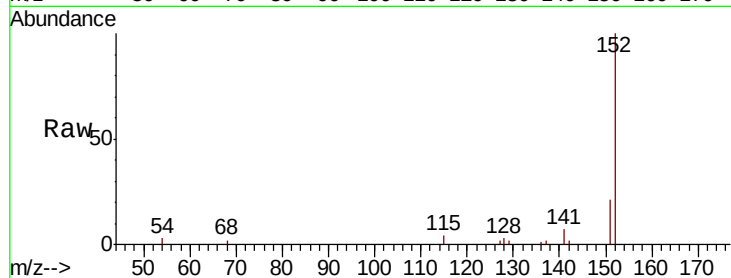
ClientSampled :

BENQ6

Tot Ion:	152	Resp:	5916
Ion Ratio	Lower	Upper	
152	100		
151	21.3	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.209 ng/ul

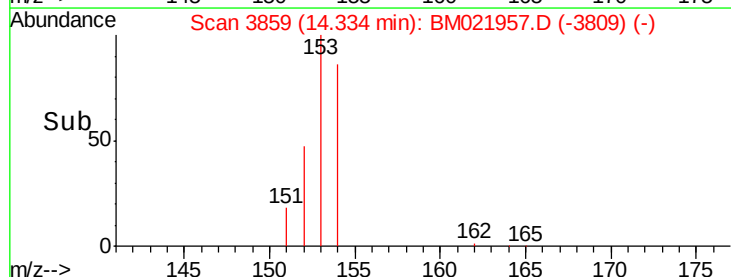
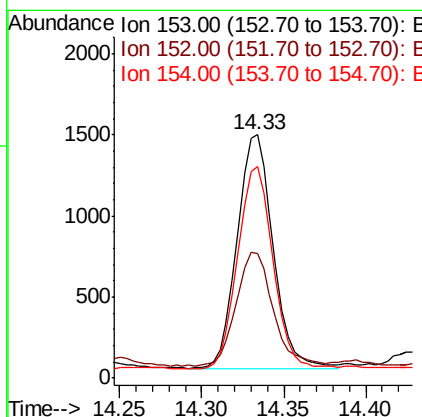
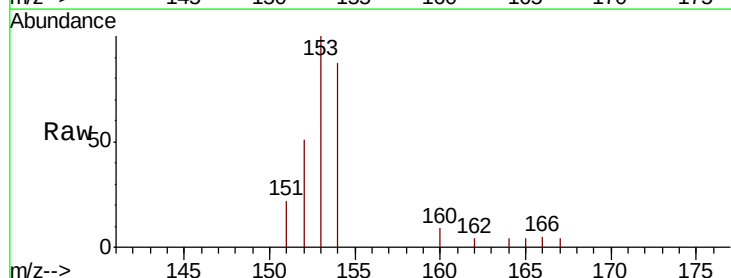
RT: 14.33 min Scan# 3859

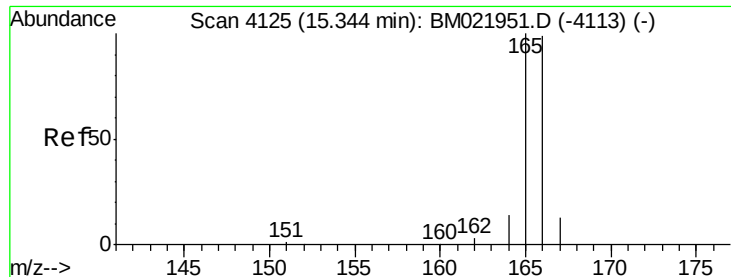
Delta R.T. -0.01 min

Lab File: BM021957.D

Acq: 09 Aug 2019 06:52

Tgt Ion:	153	Resp:	2197
Ion Ratio	Lower	Upper	
153	100		
152	51.2	41.3	61.9
154	86.7	72.3	108.5





#9

Fluorene

Concen: 0.251 ng/ul

RT: 15.33 min Scan# 4121

Delta R.T. -0.02 min

Lab File: BM021957.D

Acq: 09 Aug 2019 06:52

Instrument :

BNA_M

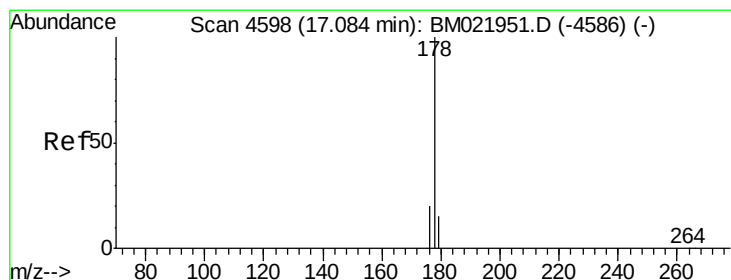
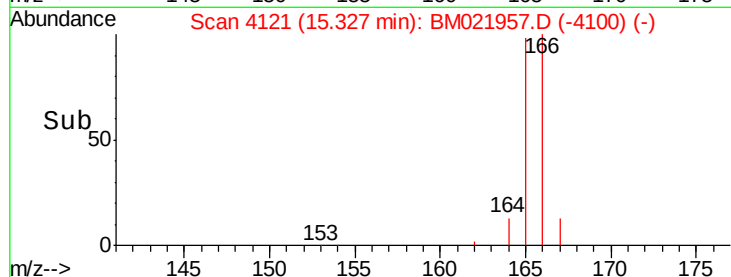
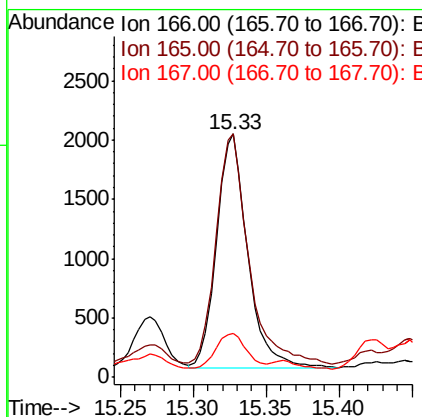
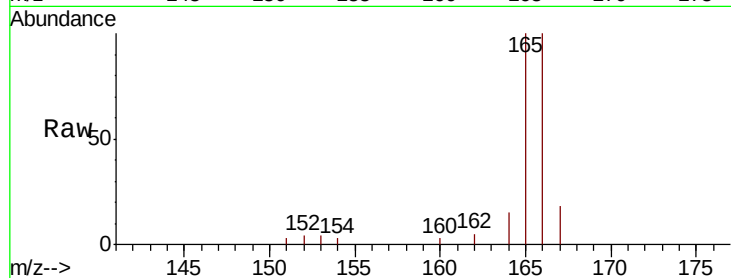
ClientSampleId :

BENQ6

Tot Ion:	166	Resp:	2921
Ion	Ratio	Lower	Upper
166	100		
165	99.9	81.4	122.0
167	18.2	13.7	20.5

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#12

Phenanthrene

Concen: 3.622 ng/ul m

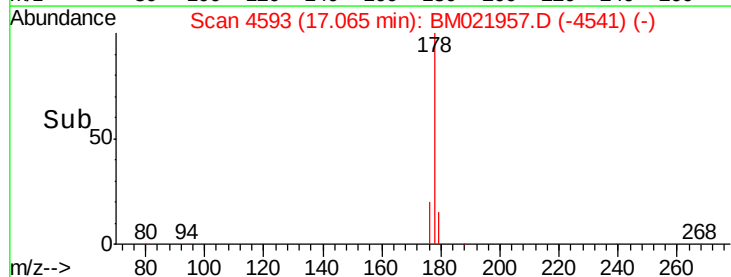
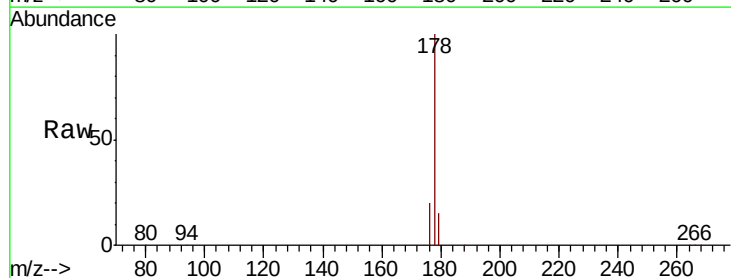
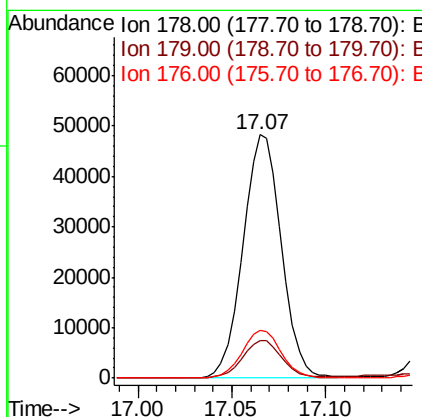
RT: 17.07 min Scan# 4593

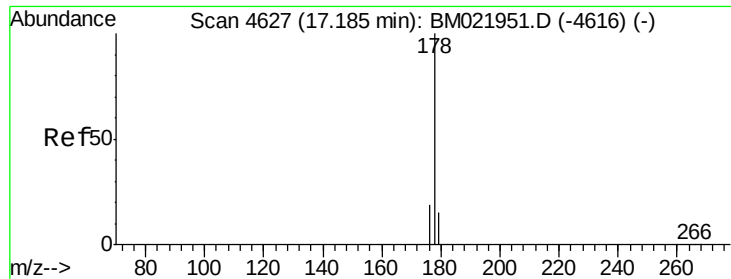
Delta R.T. -0.02 min

Lab File: BM021957.D

Acq: 09 Aug 2019 06:52

Tgt Ion:	178	Resp:	69239
Ion	Ratio	Lower	Upper
178	100		
179	15.5	14.2	21.2
176	19.7	16.8	25.2





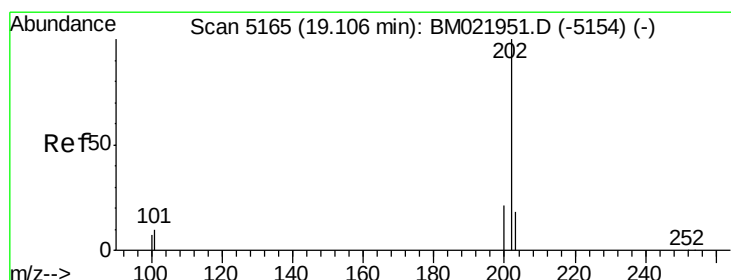
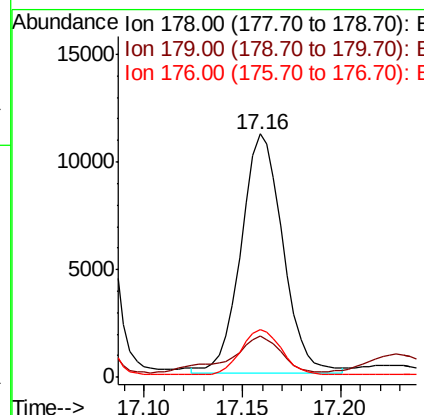
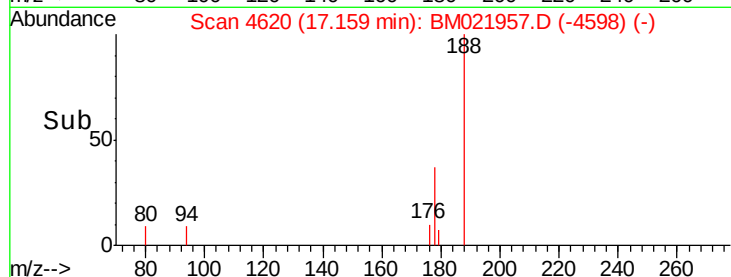
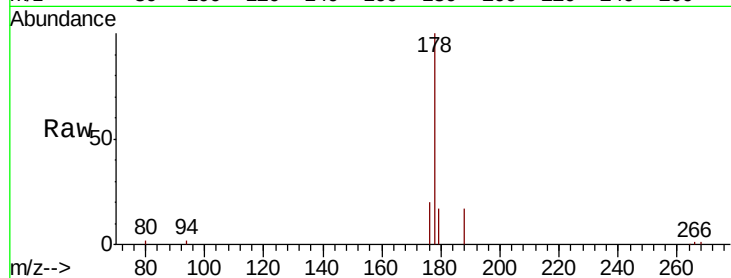
#13
 Anthracene
 Concen: 1.006 ng/ul m
 RT: 17.16 min Scan# 4620
 Delta R.T. -0.02 min
 Lab File: BM021957.D
 Acq: 09 Aug 2019 06:52

Instrument :
 BNA_M
 ClientSampled :
 BENQ6

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.8	15.5	23.3
176	19.6	16.6	25.0

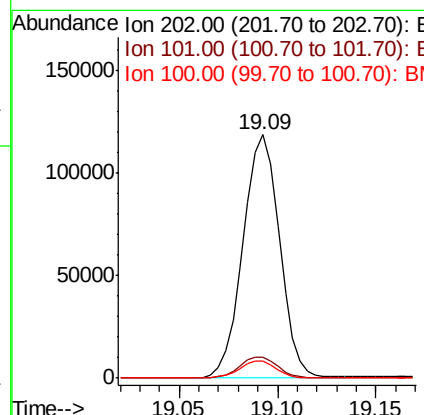
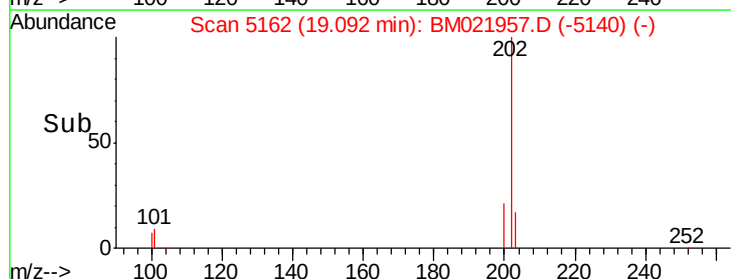
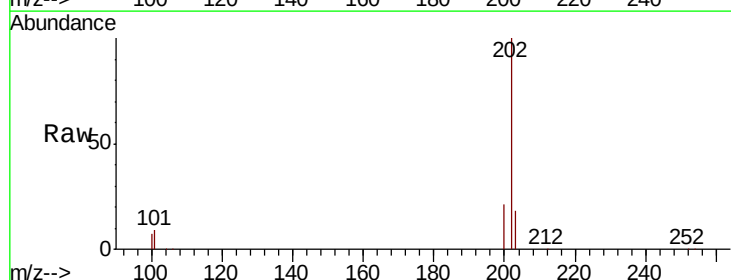
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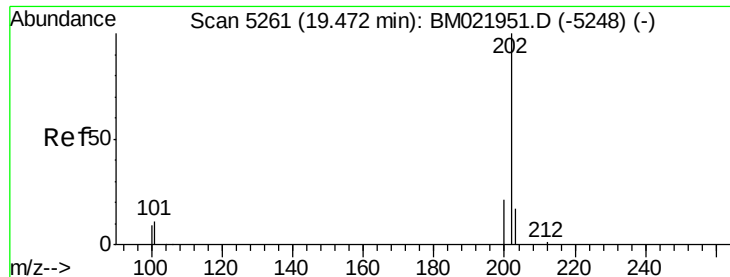
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#15
 Fluoranthene
 Concen: 6.001 ng/ul m
 RT: 19.09 min Scan# 5162
 Delta R.T. -0.02 min
 Lab File: BM021957.D
 Acq: 09 Aug 2019 06:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	30.2
100	6.8	0.0	28.1





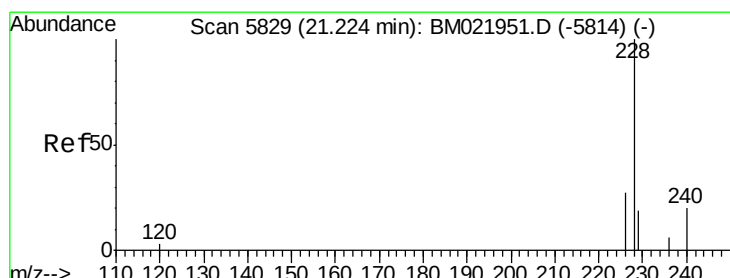
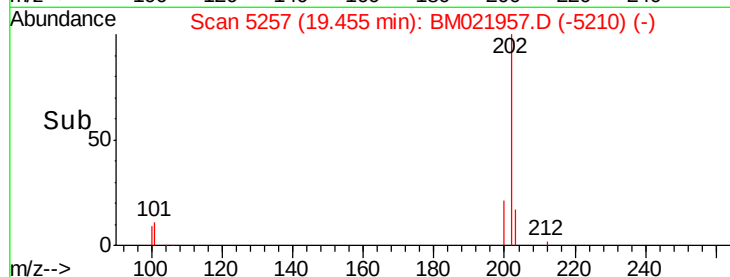
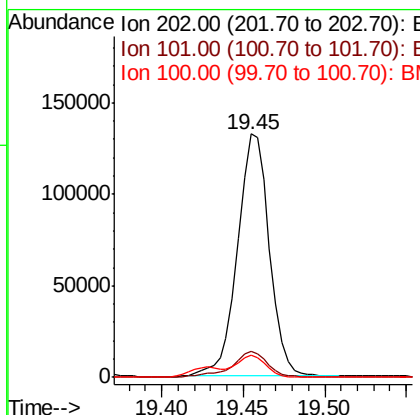
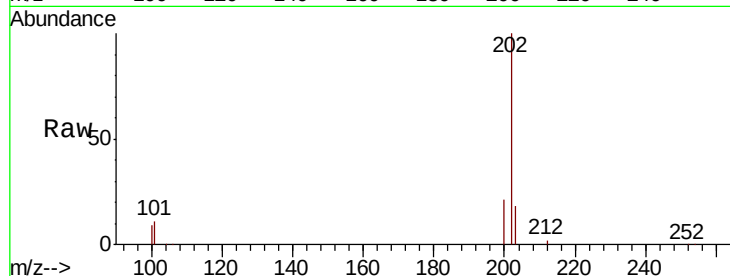
#17
Pvrene
Concen: 6.937 ng/ul
RT: 19.45 min Scan# 5257
Delta R.T. -0.02 min
Lab File: BM021957.D
Acq: 09 Aug 2019 06:52

Instrument :
BNA_M
ClientSampleId :
BENQ6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	8.3	12.5
100	8.9	7.2	10.8

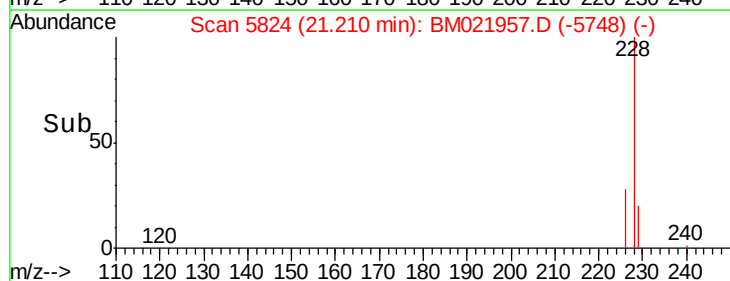
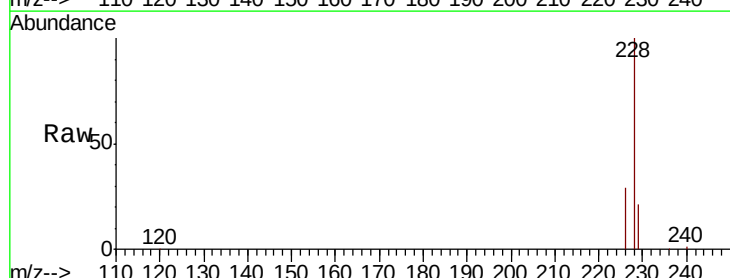
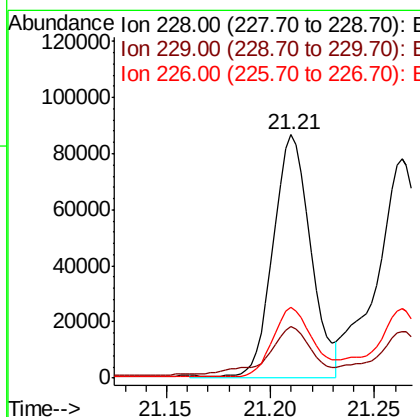
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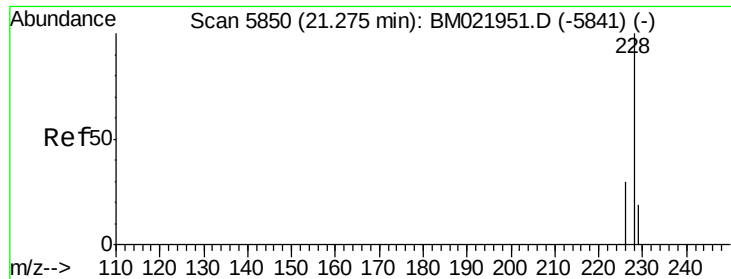
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#18
Benzo(a)anthracene
Concen: 4.889 ng/ul m
RT: 21.21 min Scan# 5824
Delta R.T. -0.02 min
Lab File: BM021957.D
Acq: 09 Aug 2019 06:52

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.0	17.2	25.8
226	28.9	22.6	34.0





#19

Chrysene

Concen: 3.970 ng/ul

RT: 21.26 min Scan# 5846

Delta R.T. -0.01 min

Lab File: BM021957.D

Acq: 09 Aug 2019 06:52

Instrument :

BNA_M

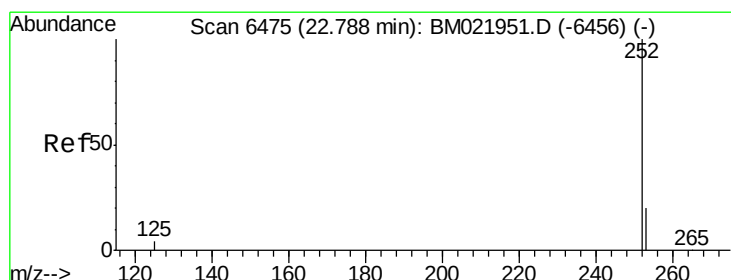
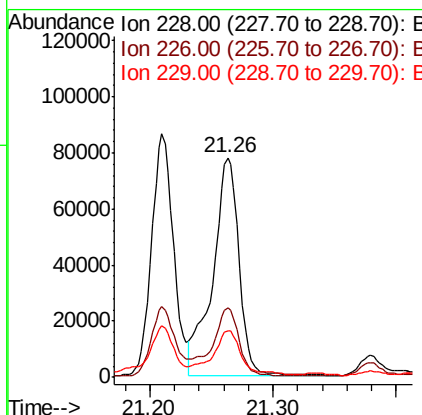
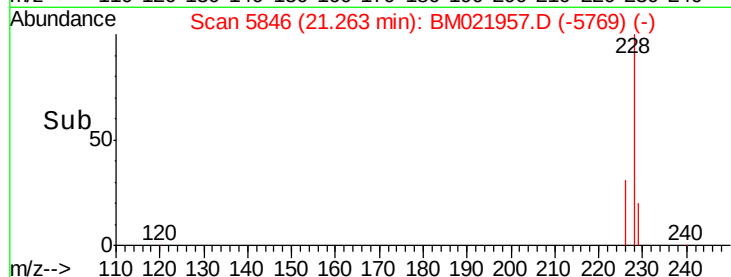
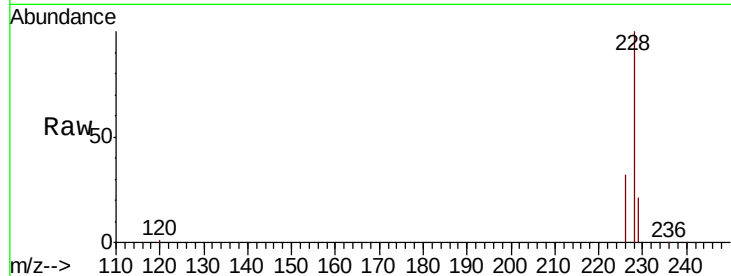
ClientSampled :

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Tot Ion:	228	Resp:	114538
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.9	37.3
229	21.2	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 5.682 ng/ul m

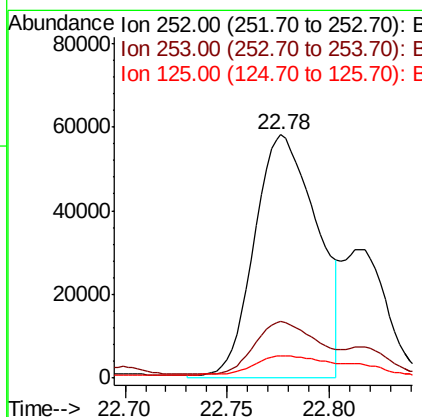
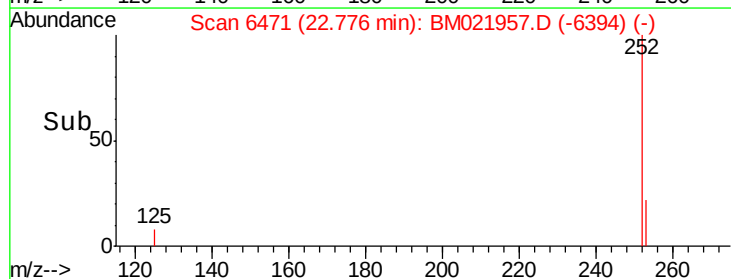
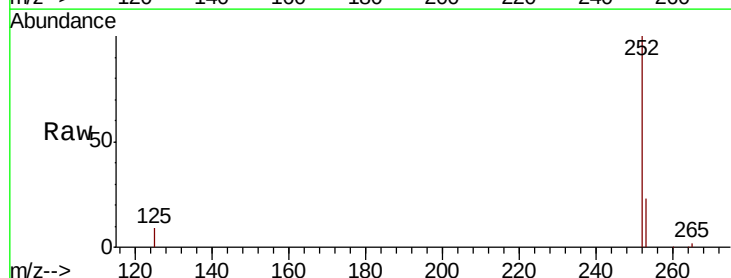
RT: 22.78 min Scan# 6471

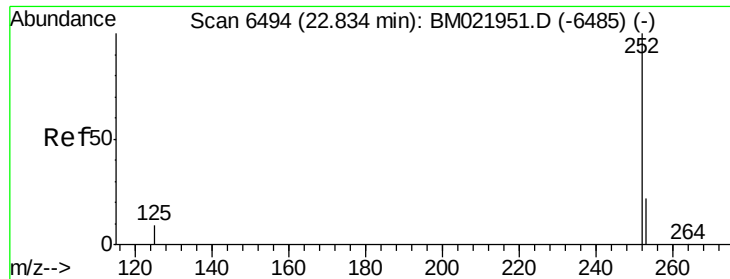
Delta R.T. -0.01 min

Lab File: BM021957.D

Acq: 09 Aug 2019 06:52

Tgt Ion:	252	Resp:	124170
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	67.4
125	8.9	0.0	31.0





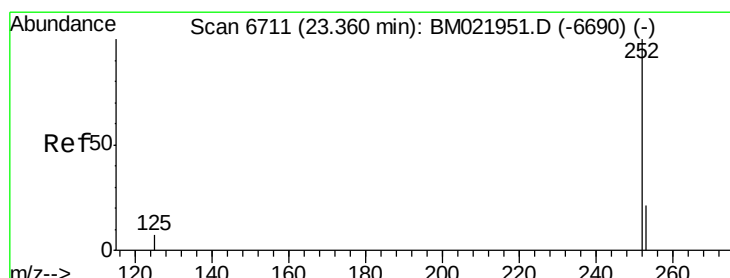
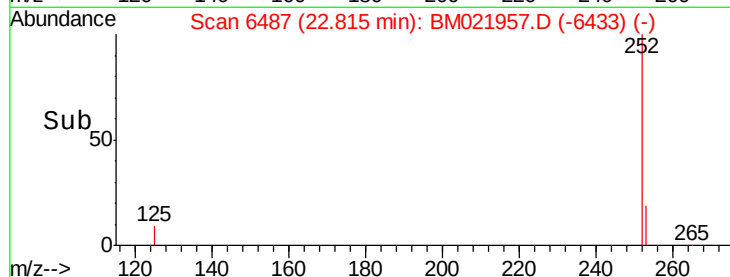
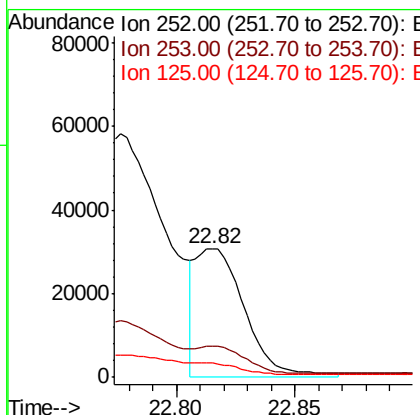
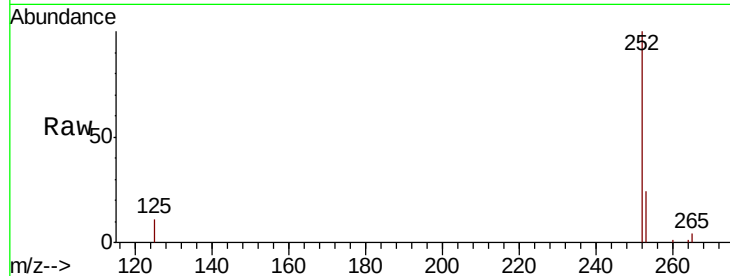
#22
Benzo(k)fluoranthene
Concen: 1.809 ng/ul m
RT: 22.82 min Scan# 6487
Delta R.T. -0.02 min
Lab File: BM021957.D
Acq: 09 Aug 2019 06:52

Instrument :
BNA_M
ClientSampleId :
BENQ6

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	27.0	40.4#
125	10.9	12.2	18.2#

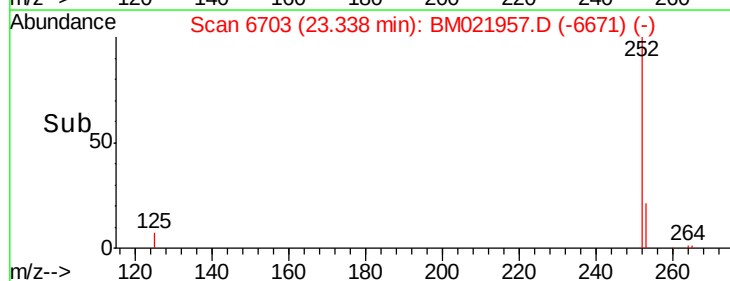
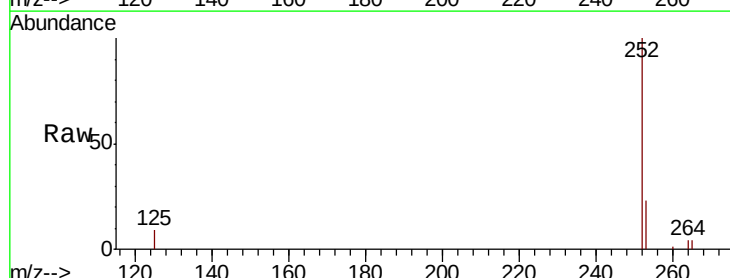
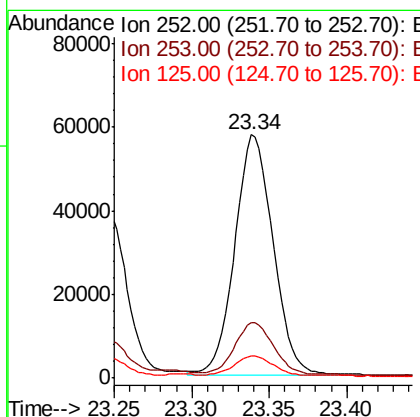
Manual Integrations
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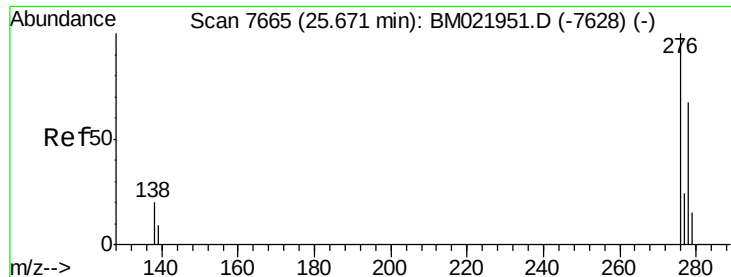
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#23
Benzo(a)pyrene
Concen: 4.489 ng/ul m
RT: 23.34 min Scan# 6703
Delta R.T. -0.02 min
Lab File: BM021957.D
Acq: 09 Aug 2019 06:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	31.7	47.5#
125	9.1	14.6	21.8#





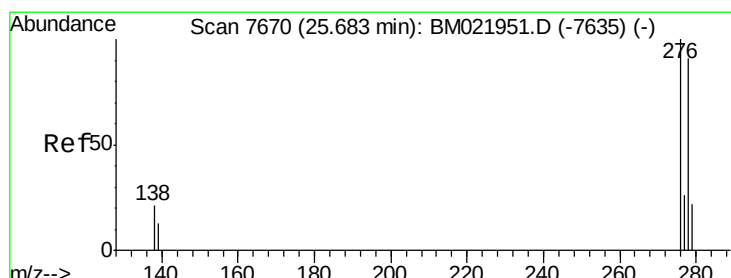
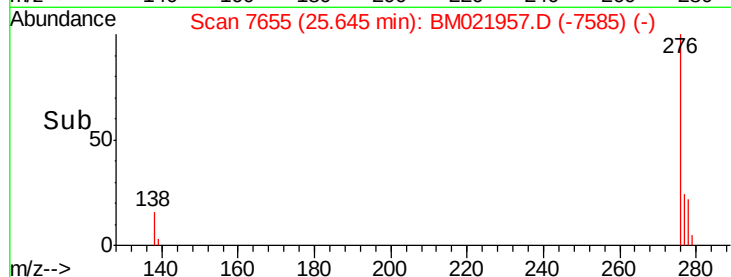
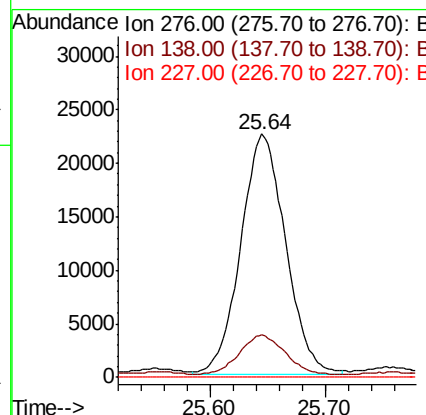
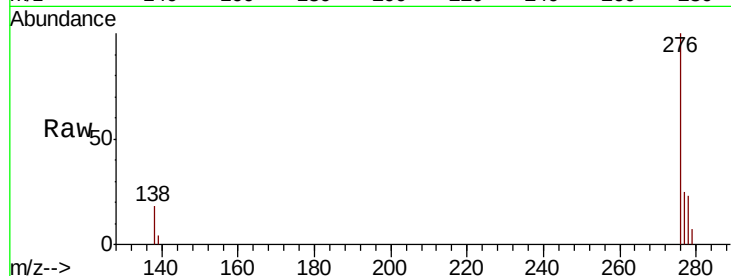
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.290 ng/ul m
 RT: 25.64 min Scan# 7655
 Delta R.T. -0.03 min
 Lab File: BM021957.D
 Acq: 09 Aug 2019 06:52

Instrument :
 BNA_M
 ClientSampleId :
 BENQ6

Tot Ion	Ratio	Lower	Upper
276	100		
138	2.5	15.1	22.7#
227	0.0	0.0	0.0

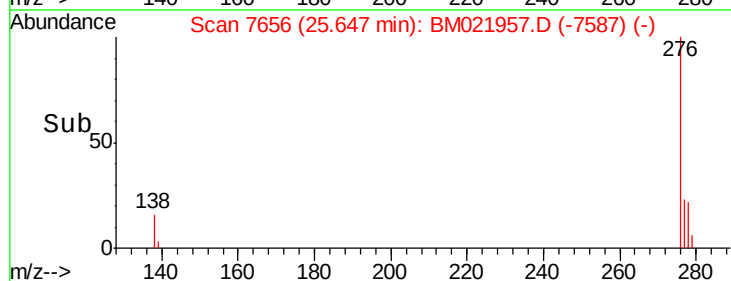
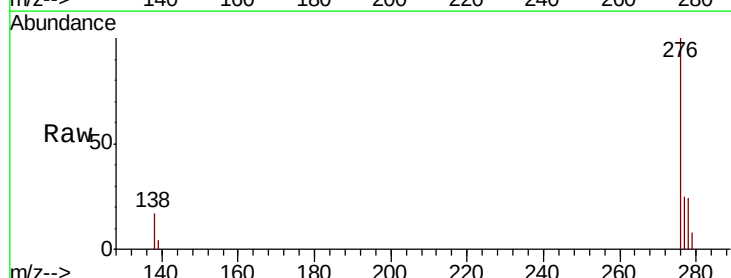
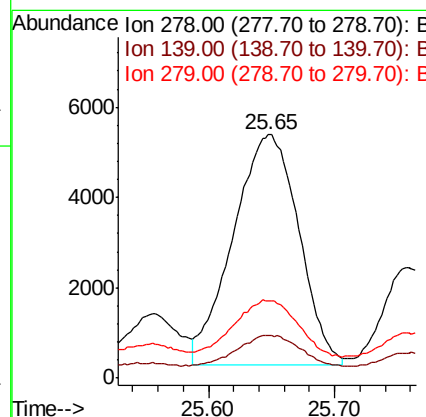
Manual Integrations
 APPROVED

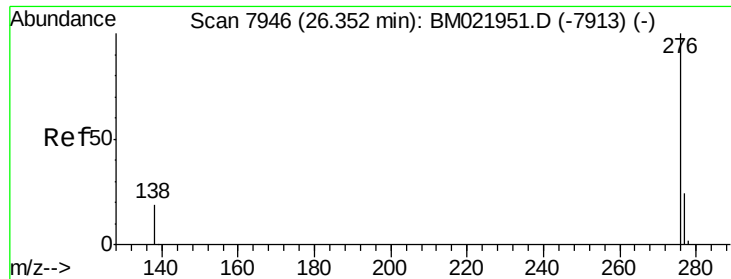
Sohil
 8/13/2019 8:30:42 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.858 ng/ul m
 RT: 25.65 min Scan# 7656
 Delta R.T. -0.03 min
 Lab File: BM021957.D
 Acq: 09 Aug 2019 06:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.2	21.2
279	31.9	28.3	42.5





#26
 Benzo(a,h,i)perylene
 Concen: 2.601 ng/ul m
 RT: 26.33 min Scan# 7936
 Delta R.T. -0.03 min
 Lab File: BM021957.D
 Acq: 09 Aug 2019 06:52

Instrument :
 BNA_M
 ClientSampleId :
 BENQ6

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.5	15.5	23.3
277	24.5	21.4	32.2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:30:42 AM

