

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021958.D
 Acq On : 09 Aug 2019 07:29
 Operator : HP/JU
 Sample : K4029-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENX6

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:30:07 AM

Quant Time: Aug 09 12:41:34 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	1066	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4713	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2602	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	6112m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	5918m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	6102m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1415	0.18	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	3895m	0.19	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	917	0.069	ng/ul#	88
5) 2-Methylnaphthalene	12.08	142	537	0.061	ng/ul	99
7) Acenaphthylene	13.99	152	2722	0.224	ng/ul#	84
8) Acenaphthene	14.33	153	1852	0.187	ng/ul	97
9) Fluorene	15.33	166	1872	0.170	ng/ul	98
12) Phenanthrene	17.07	178	38855m	2.185	ng/ul	
13) Anthracene	17.16	178	8436m	0.556	ng/ul	
15) Fluoranthene	19.09	202	75000m	3.148	ng/ul	
17) Pyrene	19.46	202	73986	3.042	ng/ul	99
18) Benzo(a)anthracene	21.21	228	44144m	2.085	ng/ul	
19) Chrysene	21.27	228	44356	1.629	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	53347m	2.593	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	20060m	0.861	ng/ul	
23) Benzo(a)pyrene	23.34	252	36447m	1.742	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.65	276	23177m	0.928	ng/ul	
25) Dibenzo(a,h)anthracene	25.65	278	7094m	0.351	ng/ul	
26) Benzo(a,h,i)perylene	26.33	276	18307m	0.814	ng/ul	

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

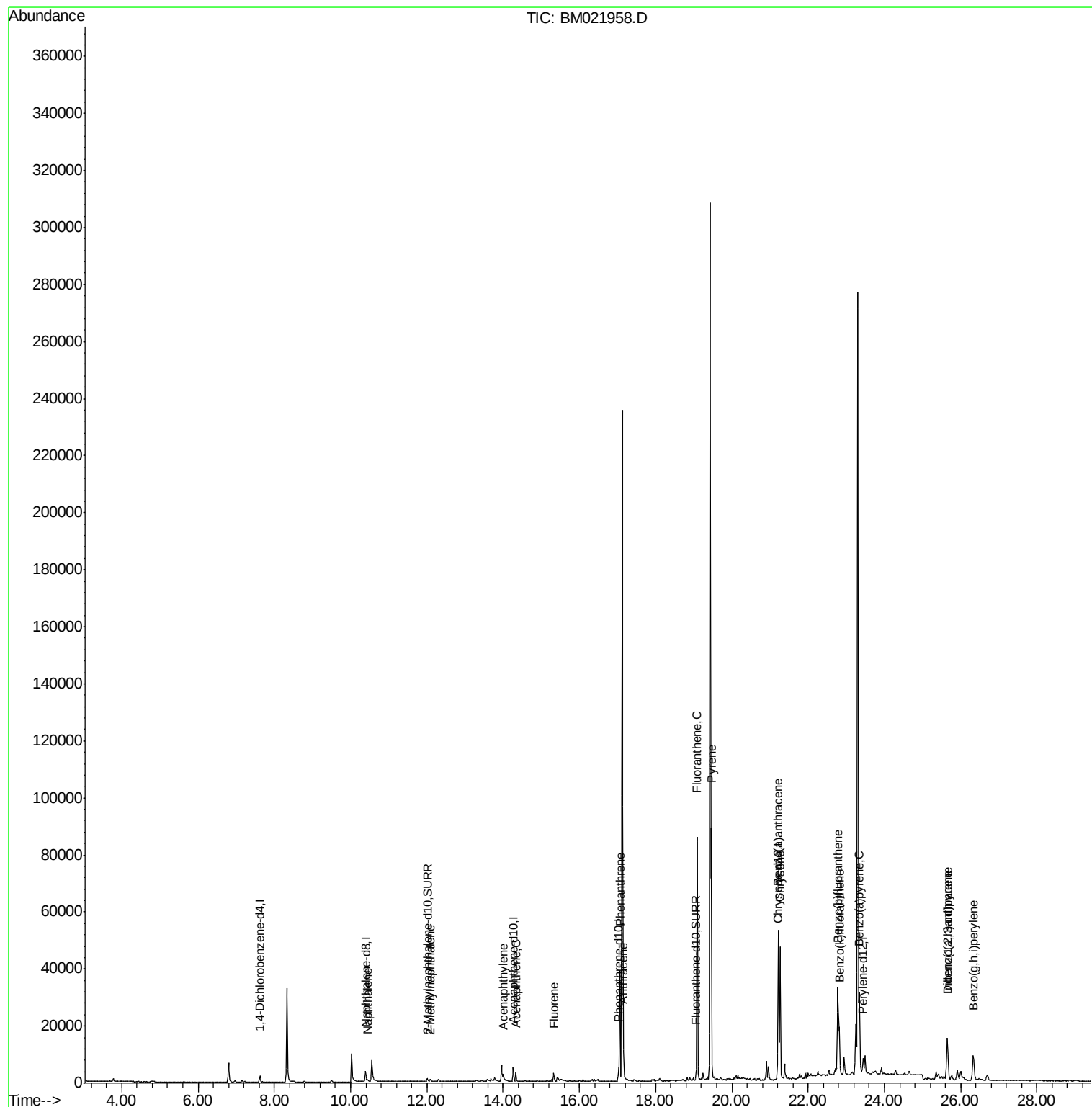
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021958.D
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ALS Vial : 20 Sample Multiplier: 1

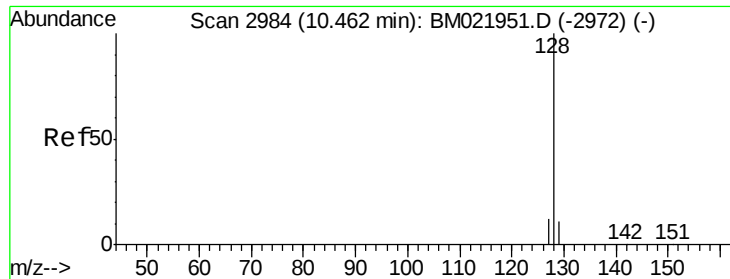
Instrument :
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Quant Time: Aug 09 12:41:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.069 ng/ul

RT: 10.44 min Scan# 2980

Delta R.T. -0.02 min

Lab File: BM021958.D

Acq: 09 Aug 2019 07:29

Instrument :

BNA_M

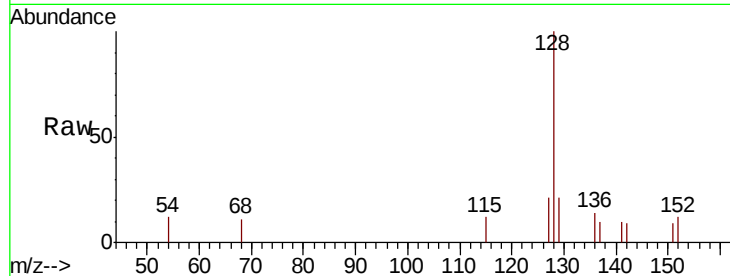
ClientSampleId :

BENX6

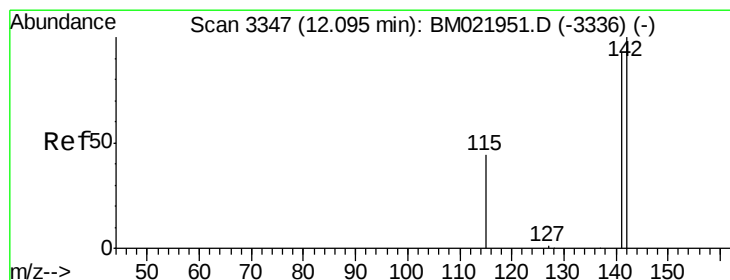
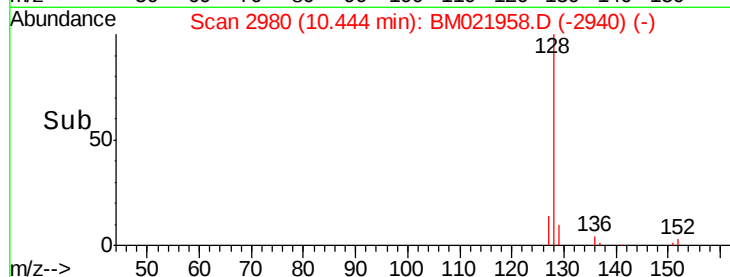
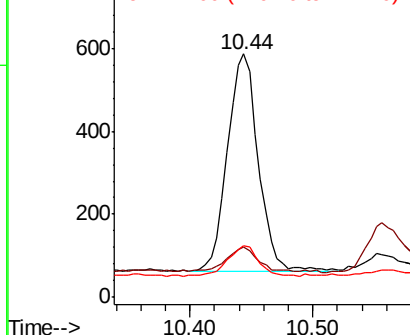
Tot Ion:	128	Resp:	917
Ion	Ratio	Lower	Upper
128	100		
129	20.6	12.3	18.5#
127	21.1	13.0	19.6#

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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: 0.061 ng/ul

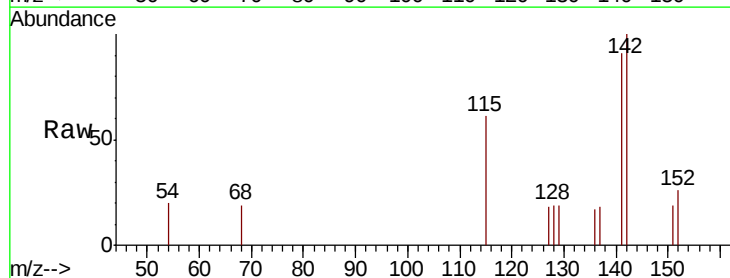
RT: 12.08 min Scan# 3344

Delta R.T. -0.02 min

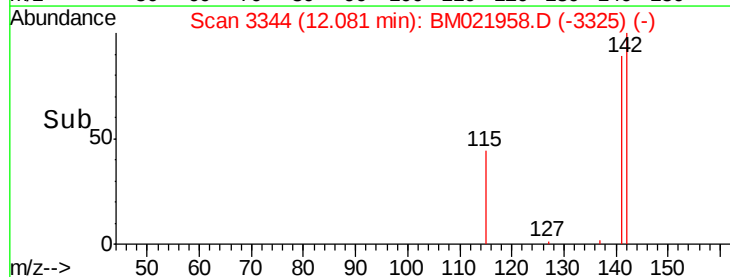
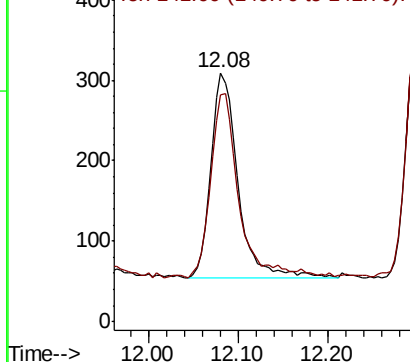
Lab File: BM021958.D

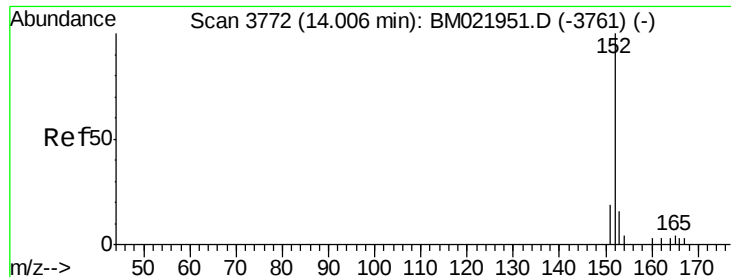
Acq: 09 Aug 2019 07:29

Tgt Ion:	142	Resp:	537
Ion	Ratio	Lower	Upper
142	100		
141	91.6	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: 0.224 ng/ul

RT: 13.99 min Scan# 3769

Delta R.T. -0.02 min

Lab File: BM021958.D

Acq: 09 Aug 2019 07:29

Instrument :

BNA_M

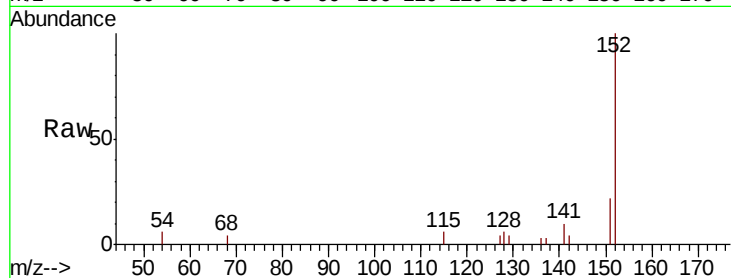
ClientSampled :

BENX6

Tot Ion:	152	Resp:	2722
Ion Ratio	Lower	Upper	
152	100		
151	22.3	18.3	27.5
153	0.0	12.8	19.2#

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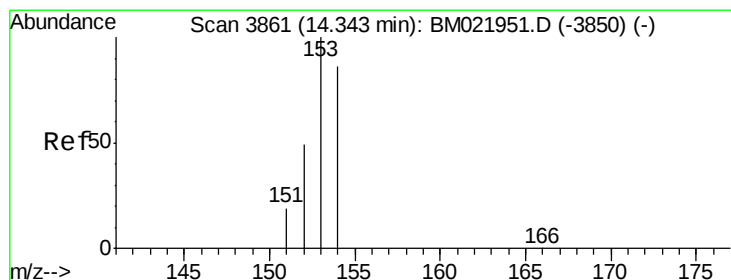
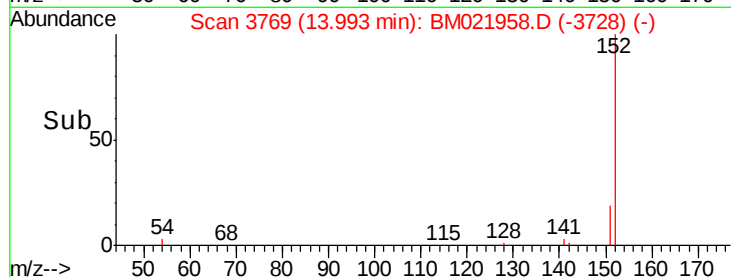
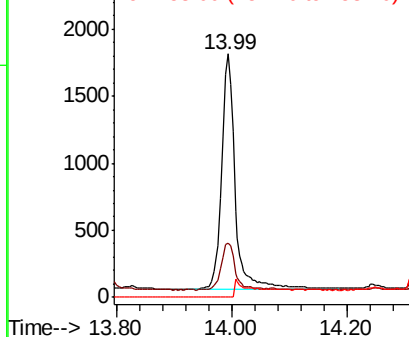


Abundance

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: 0.187 ng/ul

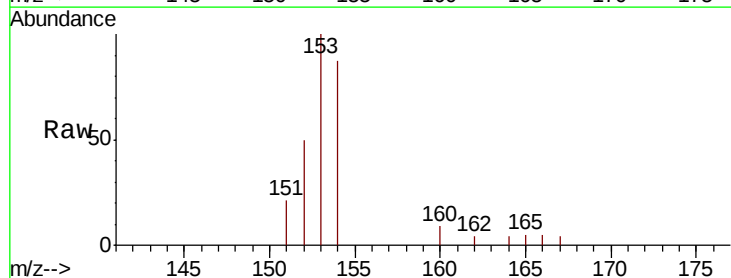
RT: 14.33 min Scan# 3858

Delta R.T. -0.01 min

Lab File: BM021958.D

Acq: 09 Aug 2019 07:29

Tgt Ion:	153	Resp:	1852
Ion Ratio	Lower	Upper	
153	100		
152	50.0	41.3	61.9
154	86.7	72.3	108.5

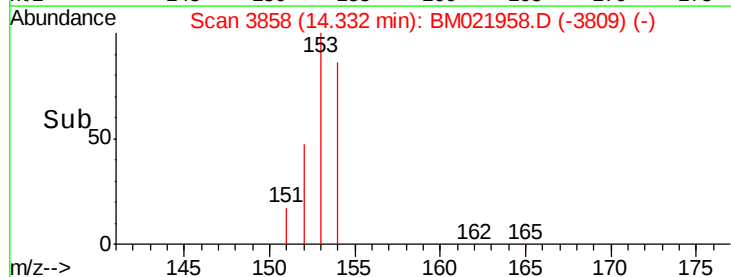
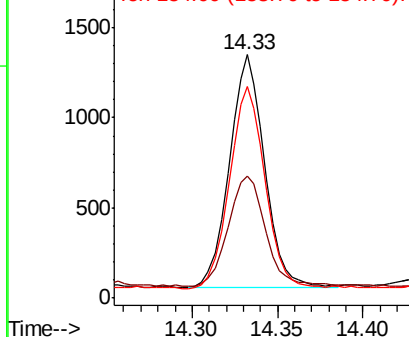


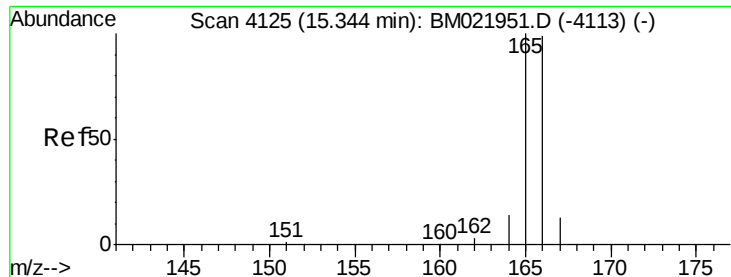
Abundance

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: 0.170 ng/ul

RT: 15.33 min Scan# 4121

Delta R.T. -0.02 min

Lab File: BM021958.D

Acq: 09 Aug 2019 07:29

Instrument :

BNA_M

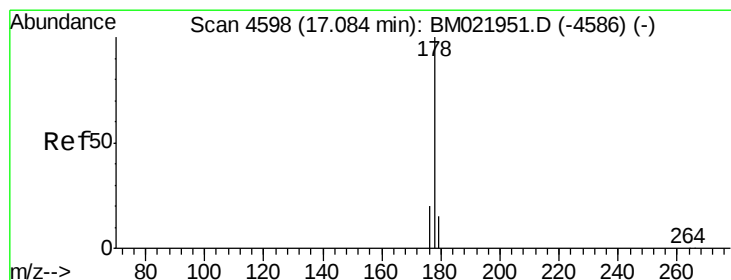
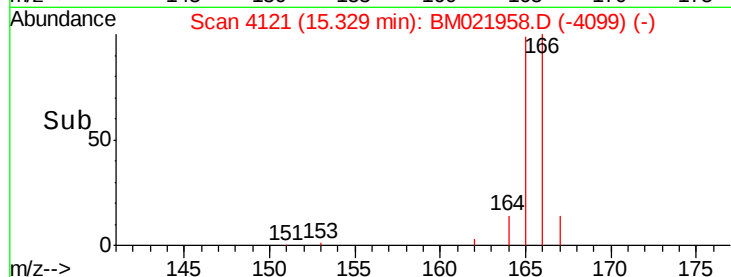
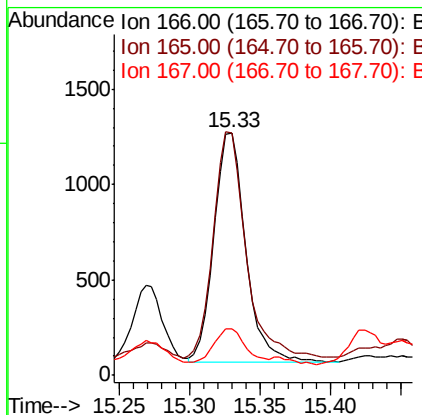
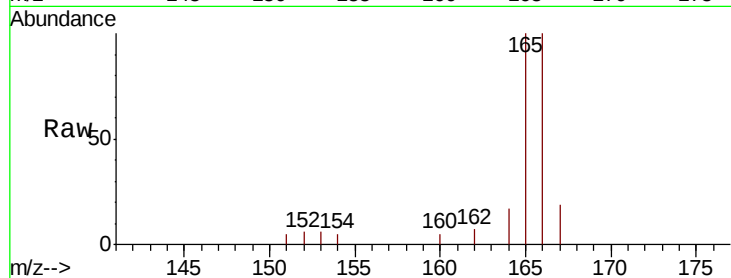
ClientSampleId :

BENX6

Tot Ion:	166	Resp:	1872
Ion	Ratio	Lower	Upper
166	100		
165	99.9	81.4	122.0
167	19.0	13.7	20.5

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#12

Phenanthrene

Concen: 2.185 ng/ul m

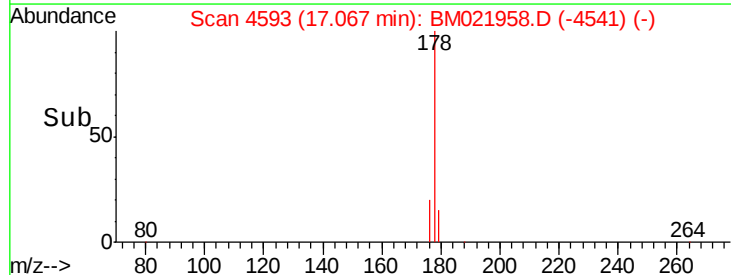
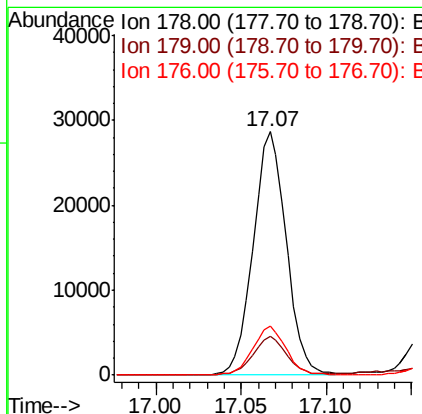
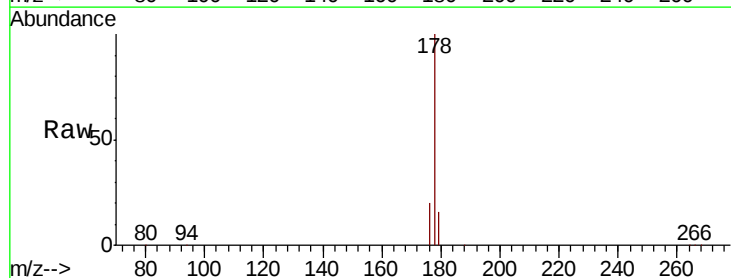
RT: 17.07 min Scan# 4593

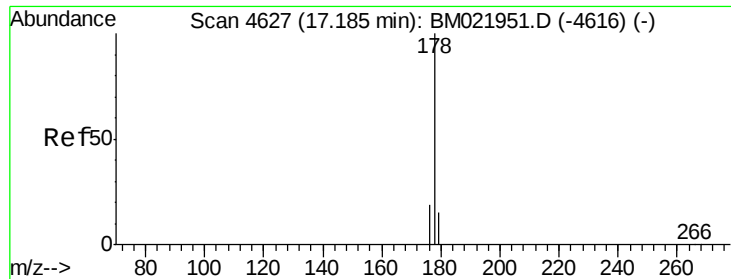
Delta R.T. -0.02 min

Lab File: BM021958.D

Acq: 09 Aug 2019 07:29

Tgt Ion:	178	Resp:	38855
Ion	Ratio	Lower	Upper
178	100		
179	15.7	14.2	21.2
176	19.9	16.8	25.2





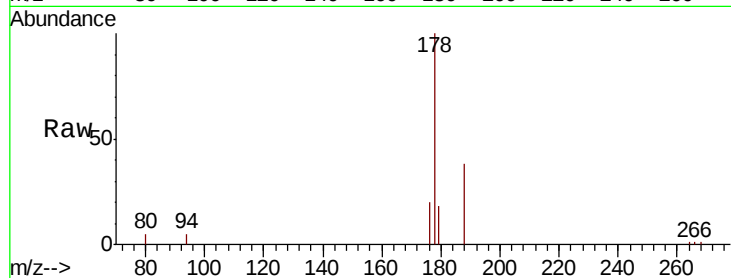
#13
 Anthracene
 Concen: 0.556 ng/ul m
 RT: 17.16 min Scan# 4620
 Delta R.T. -0.02 min
 Lab File: BM021958.D
 Acq: 09 Aug 2019 07:29

Instrument :
 BNA_M
 ClientSampleId :
 BENX6

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.6	15.5	23.3
176	19.9	16.6	25.0

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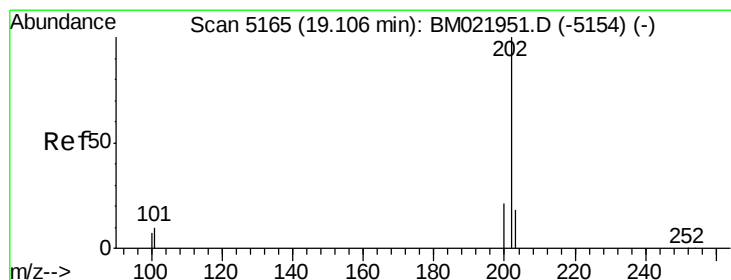
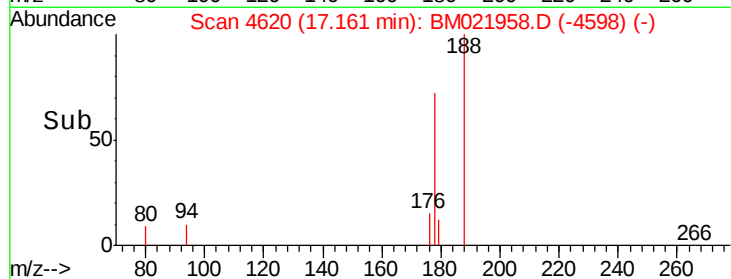
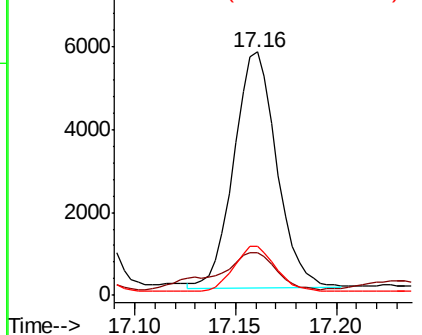


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15
 Fluoranthene
 Concen: 3.148 ng/ul m
 RT: 19.09 min Scan# 5161
 Delta R.T. -0.02 min
 Lab File: BM021958.D
 Acq: 09 Aug 2019 07:29

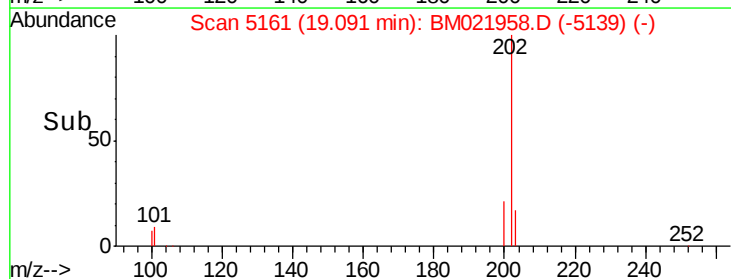
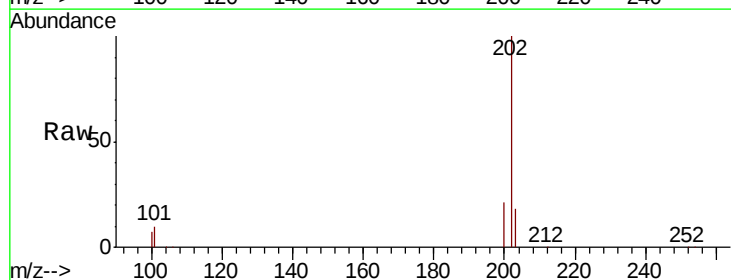
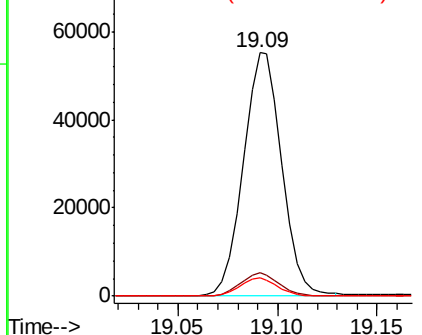
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.2
100	7.4	0.0	28.1

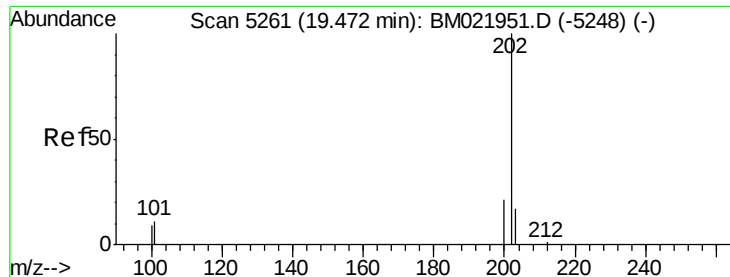
Abundance

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





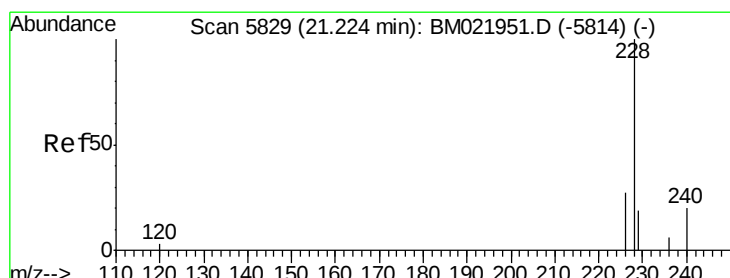
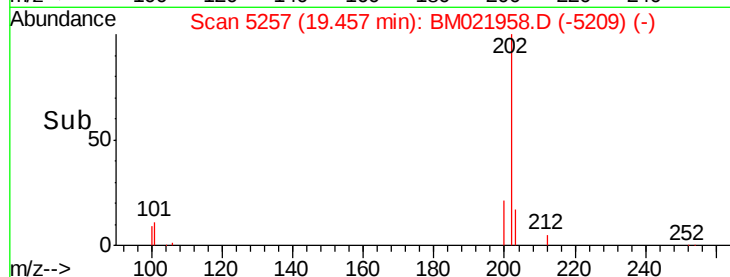
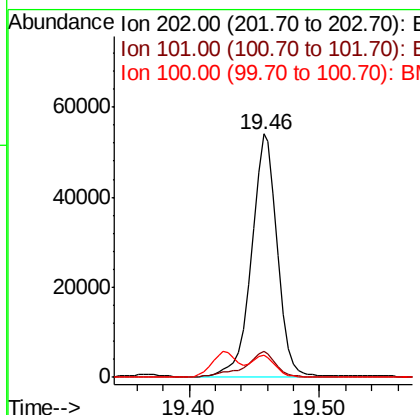
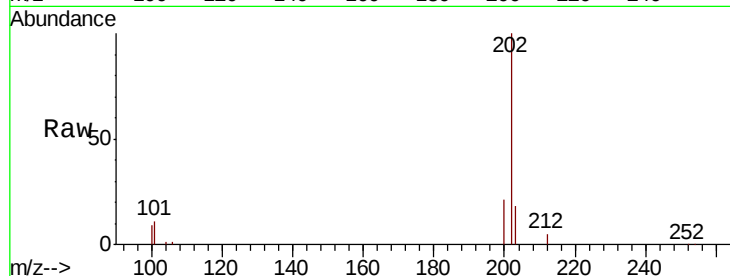
#17
Pvrene
Concen: 3.042 ng/ul
RT: 19.46 min Scan# 5257
Delta R.T. -0.02 min
Lab File: BM021958.D
Acq: 09 Aug 2019 07:29

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.9	8.3	12.5
100	9.2	7.2	10.8

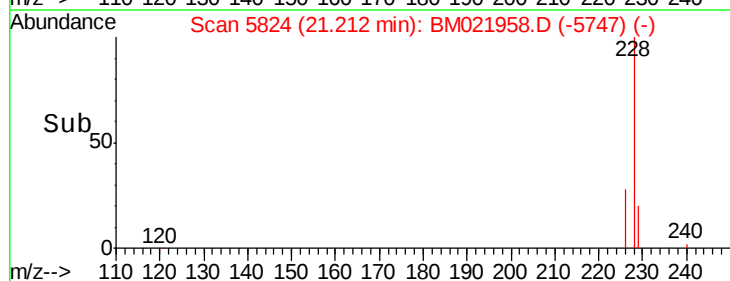
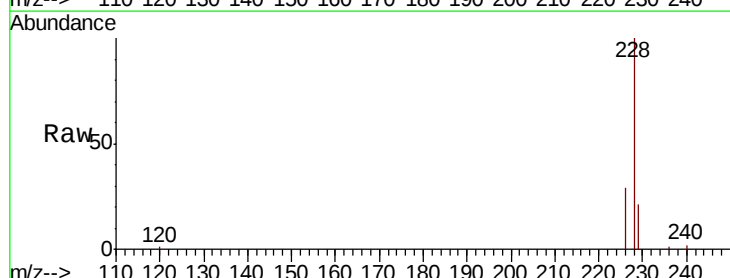
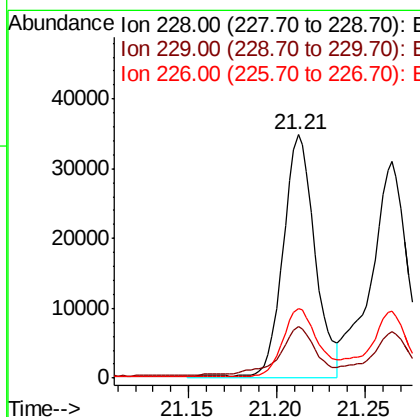
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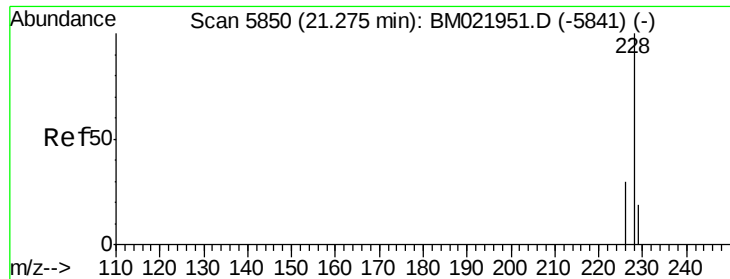
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#18
Benzo(a)anthracene
Concen: 2.085 ng/ul m
RT: 21.21 min Scan# 5824
Delta R.T. -0.01 min
Lab File: BM021958.D
Acq: 09 Aug 2019 07:29

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.0	17.2	25.8
226	28.7	22.6	34.0





#19

Chrysene

Concen: 1.629 ng/ul

RT: 21.27 min Scan# 5846

Delta R.T. -0.01 min

Lab File: BM021958.D

Acq: 09 Aug 2019 07:29

Instrument :

BNA_M

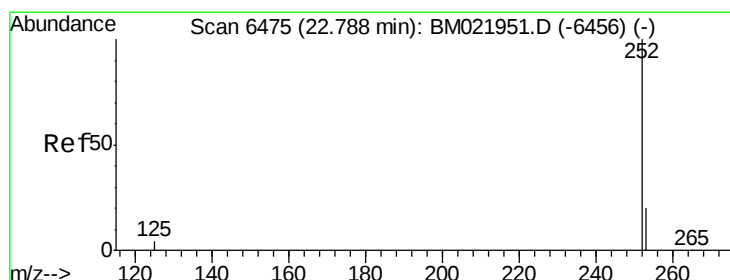
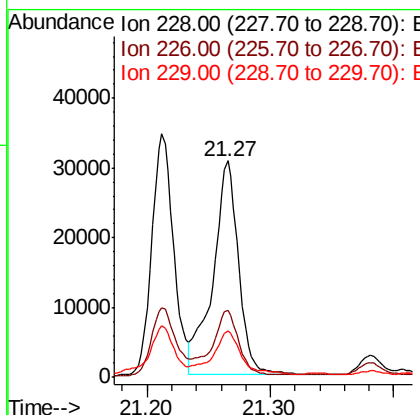
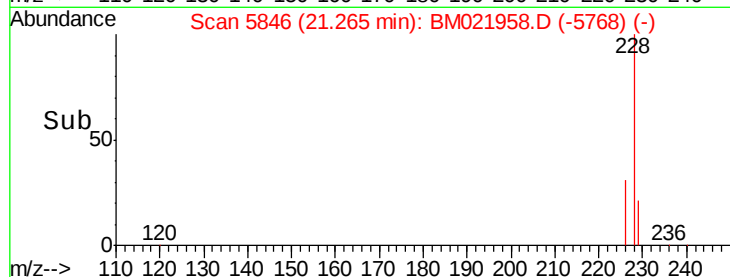
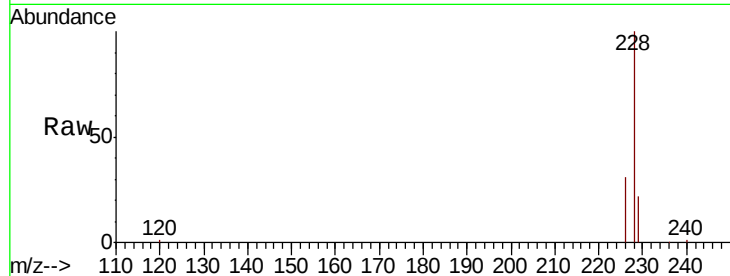
ClientSampleId :

BENX6

Tot Ion:	228	Resp:	44356
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.9	37.3
229	21.6	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 2.593 ng/ul m

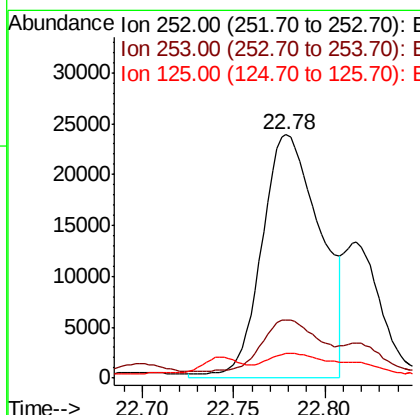
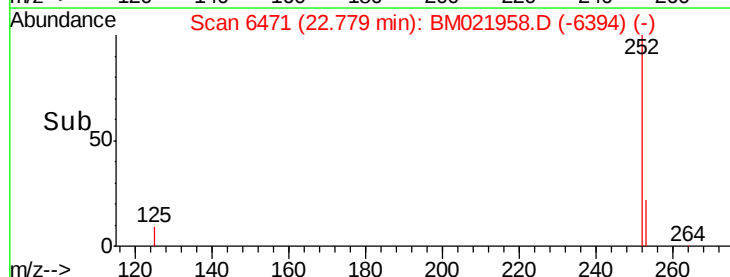
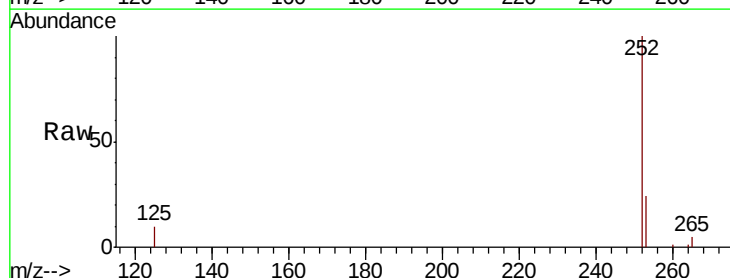
RT: 22.78 min Scan# 6471

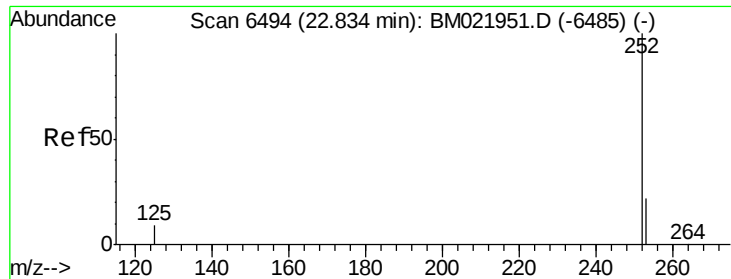
Delta R.T. -0.01 min

Lab File: BM021958.D

Acq: 09 Aug 2019 07:29

Tgt Ion:	252	Resp:	53347
Ion Ratio	Lower	Upper	
252	100		
253	24.1	0.0	67.4
125	10.1	0.0	31.0





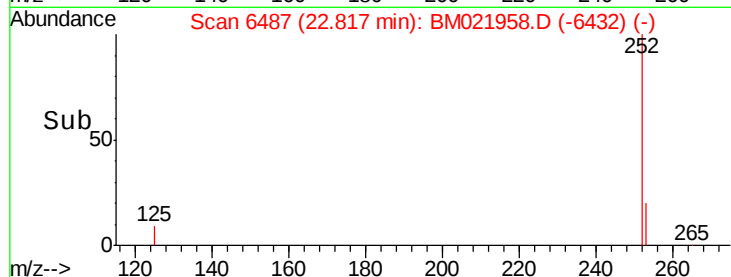
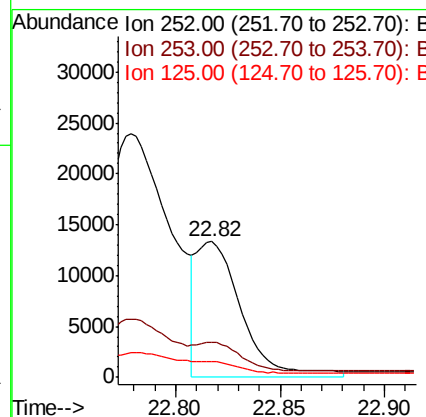
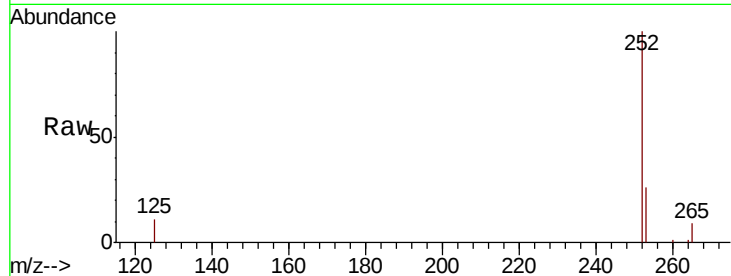
#22
Benzo(k)fluoranthene
Concen: 0.861 ng/ul m
RT: 22.82 min Scan# 6487
Delta R.T. -0.02 min
Lab File: BM021958.D
Acq: 09 Aug 2019 07:29

Instrument :
BNA_M
ClientSampleId :
BENX6

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	27.0	40.4#
125	11.5	12.2	18.2#

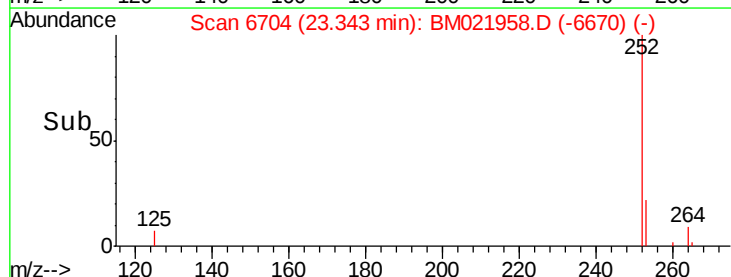
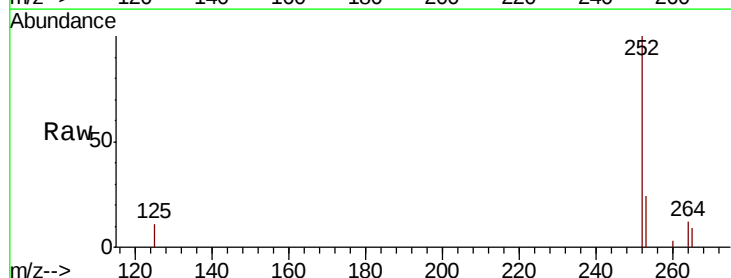
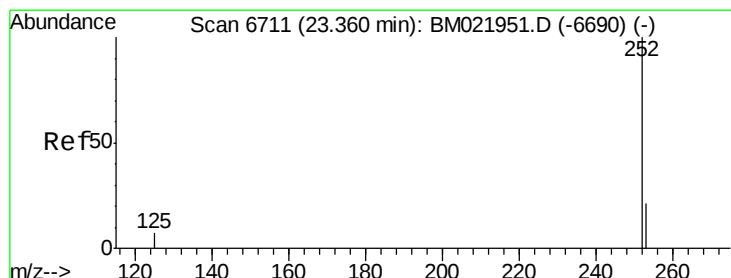
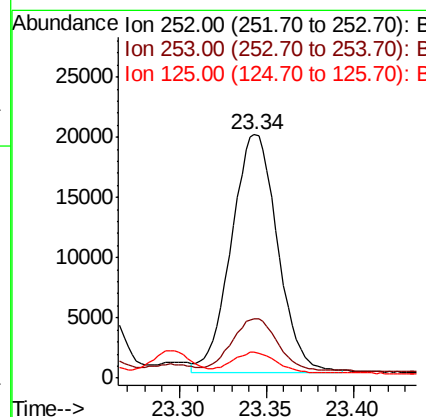
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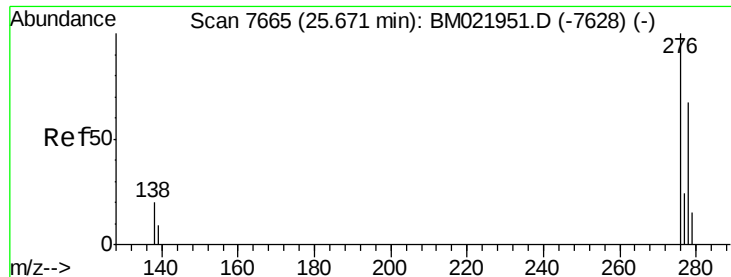
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#23
Benzo(a)pyrene
Concen: 1.742 ng/ul m
RT: 23.34 min Scan# 6704
Delta R.T. -0.02 min
Lab File: BM021958.D
Acq: 09 Aug 2019 07:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	31.7	47.5#
125	10.5	14.6	21.8#





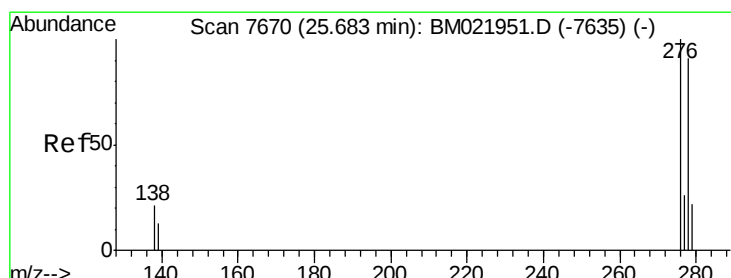
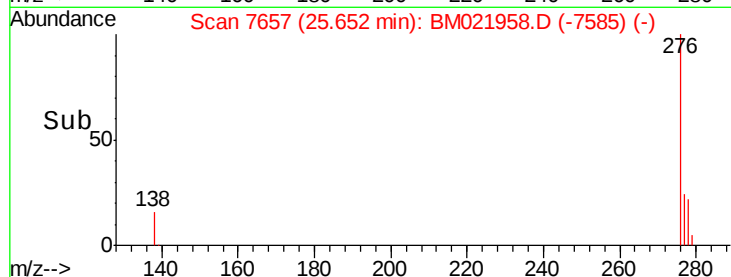
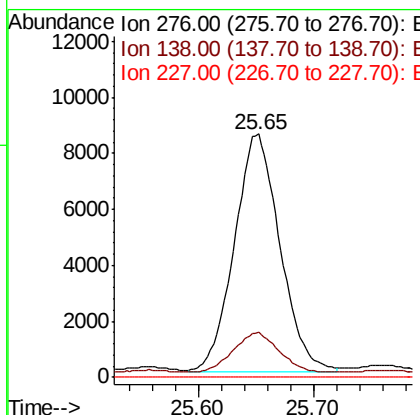
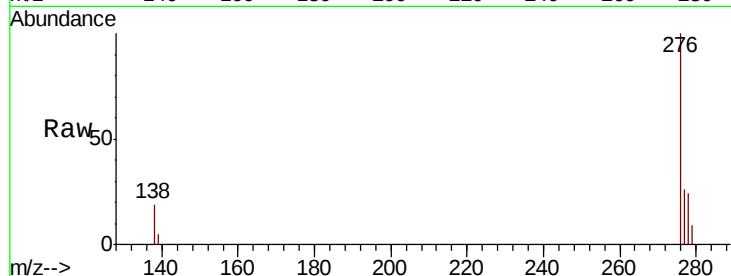
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.928 ng/ul m
 RT: 25.65 min Scan# 7657
 Delta R.T. -0.02 min
 Lab File: BM021958.D
 Acq: 09 Aug 2019 07:29

Instrument :
 BNA_M
 ClientSampleId :
 BENX6

Tot Ion	Ratio	Lower	Upper
276	100		
138	2.6	15.1	22.7#
227	0.0	0.0	0.0

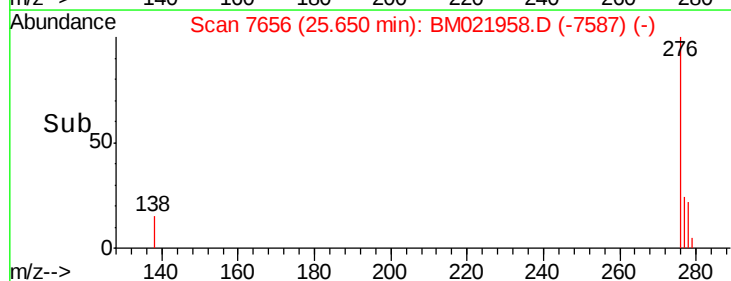
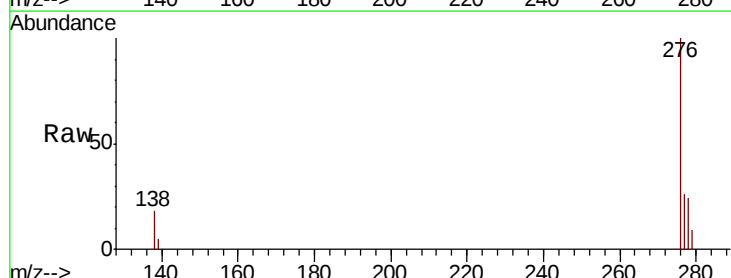
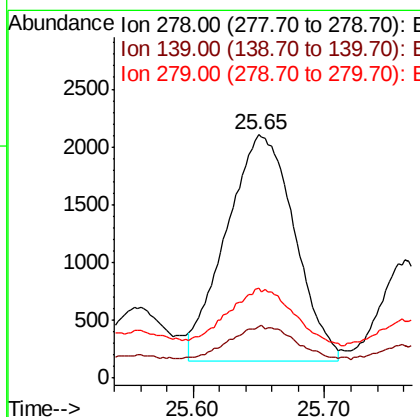
Manual Integrations
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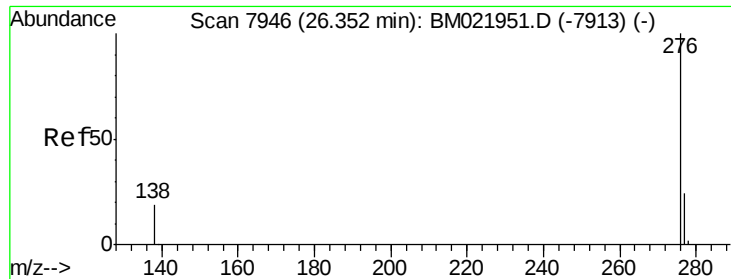
Sohil
 8/13/2019 8:30:07 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.351 ng/ul m
 RT: 25.65 min Scan# 7656
 Delta R.T. -0.03 min
 Lab File: BM021958.D
 Acq: 09 Aug 2019 07:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	14.2	21.2#
279	36.8	28.3	42.5





#26
 Benzo(a,h,i)perylene
 Concen: 0.814 ng/ul m
 RT: 26.33 min Scan# 7938
 Delta R.T. -0.02 min
 Lab File: BM021958.D
 Acq: 09 Aug 2019 07:29

Instrument :
 BNA_M
 ClientSampleId :
 BENX6

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	15.5	23.3
277	25.5	21.4	32.2

Manual Integrations
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Sohil
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