

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
 Data File : BM022023.D
 Acq On : 12 Aug 2019 09:47
 Operator : HP/JU
 Sample : K4028-03DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP69DL

Manual Integrations
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Sohil
 8/13/2019 9:56:11 AM

Quant Time: Aug 12 14:14:52 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	7.61	152	647	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	2742	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.27	164	1485	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	3341	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	3422	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	3652m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	150	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	471	0.04	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.45	128	273	0.035	ng/ul#	45
5) 2-Methylnaphthalene	12.09	142	169	0.033	ng/ul	93
7) Acenaphthylene	13.99	152	1135	0.164	ng/ul#	81
8) Acenaphthene	14.33	153	735	0.130	ng/ul	95
9) Fluorene	15.33	166	1013	0.161	ng/ul#	98
12) Phenanthrene	17.06	178	21090	2.169	ng/ul	97
13) Anthracene	17.16	178	5577	0.673	ng/ul	98
15) Fluoranthene	19.08	202	46475	3.569	ng/ul	97
17) Pyrene	19.45	202	52984	3.768	ng/ul	99
18) Benzo(a)anthracene	21.20	228	31972	2.612	ng/ul	99
19) Chrysene	21.26	228	33471	2.126	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	33230m	2.698	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	13078m	0.938	ng/ul	
23) Benzo(a)pyrene	23.33	252	27603	2.204	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.64	276	15638	1.046	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.64	278	4700	0.389	ng/ul	95
26) Benzo(a,h,i)perylene	26.32	276	16251	1.207	ng/ul	98

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

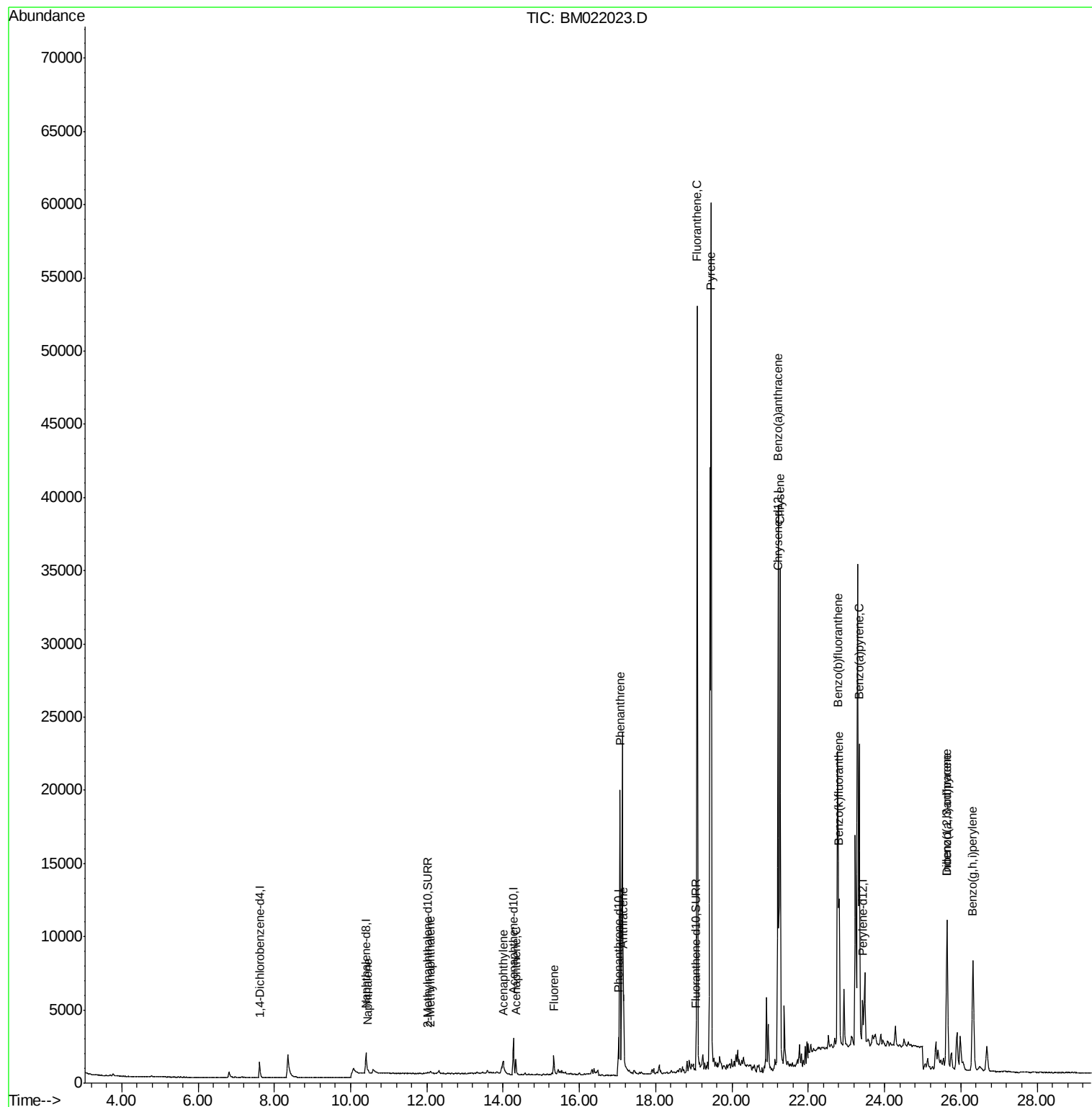
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081219\
Data File : BM022023.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

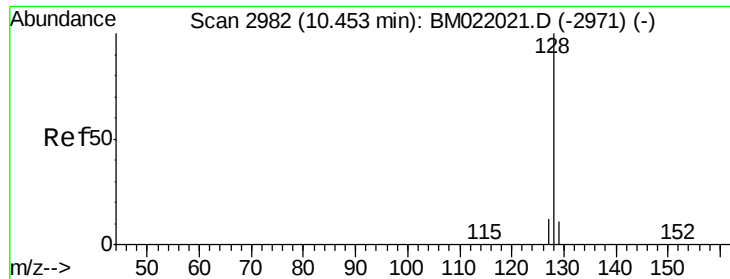
Instrument :
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BEP69DL

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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
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#3

Naphthalene

Concen: 0.035 ng/ul

RT: 10.45 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BM022023.D

Acq: 12 Aug 2019 09:47

Instrument :

BNA_M

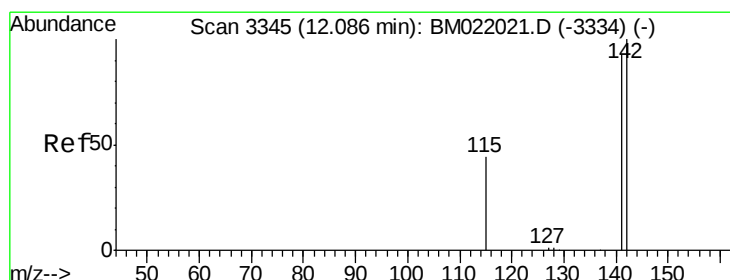
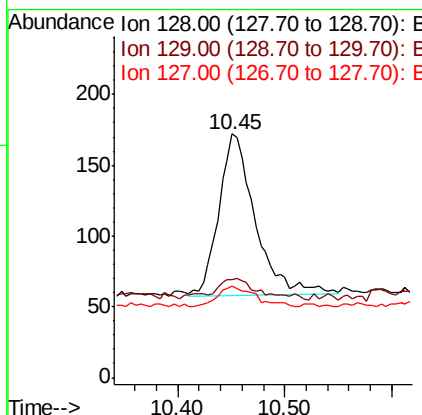
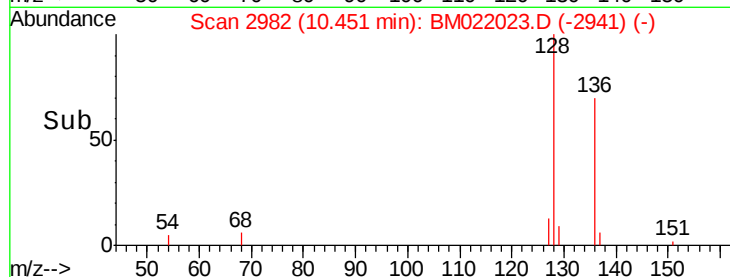
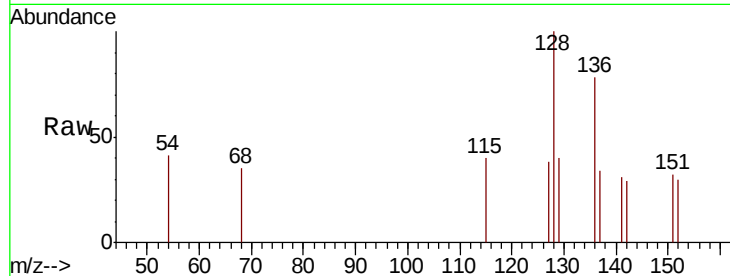
ClientSampleId :

BEP69DL

Tot Ion:	128	Resp:	273
Ion Ratio	Lower	Upper	
128	100		
129	40.1	12.3	18.5#
127	37.8	13.0	19.6#

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#5

2-Methylnaphthalene

Concen: 0.033 ng/ul

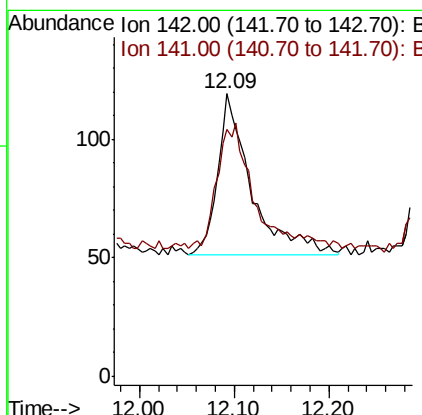
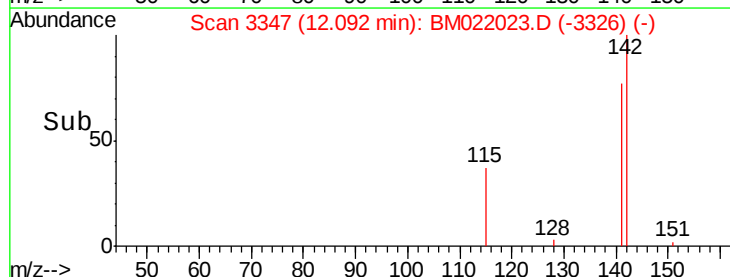
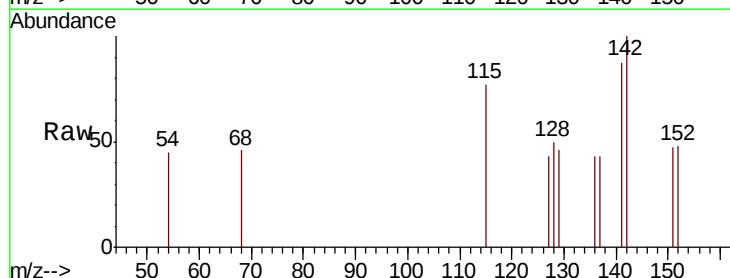
RT: 12.09 min Scan# 3347

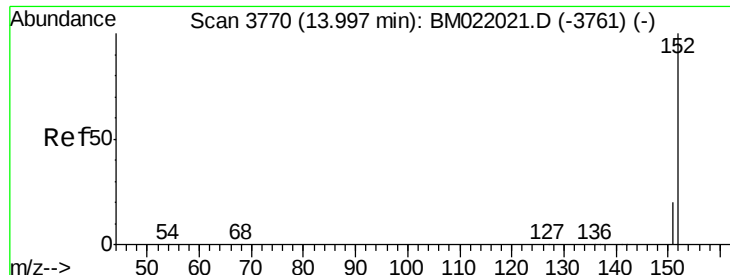
Delta R.T. -0.00 min

Lab File: BM022023.D

Acq: 12 Aug 2019 09:47

Tgt Ion:	142	Resp:	169
Ion Ratio	Lower	Upper	
142	100		
141	99.4	74.3	111.5





#7

Acenaphthylene

Concen: 0.164 ng/ul

RT: 13.99 min Scan# 3770

Delta R.T. -0.01 min

Lab File: BM022023.D

Acq: 12 Aug 2019 09:47

Instrument :

BNA_M

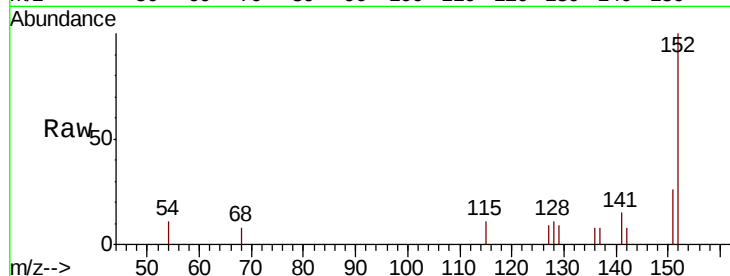
ClientSampleId :

BEP69DL

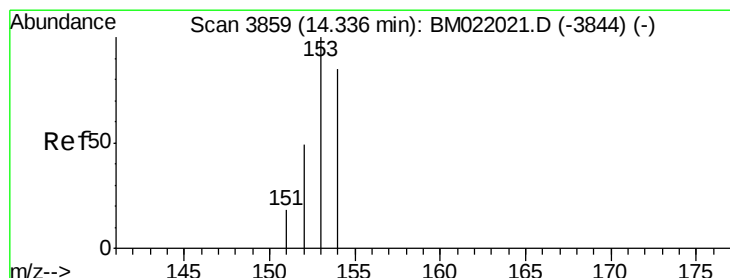
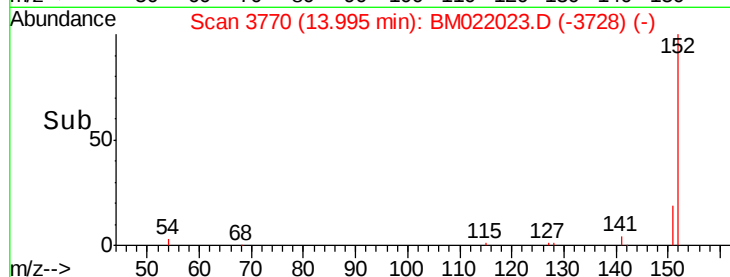
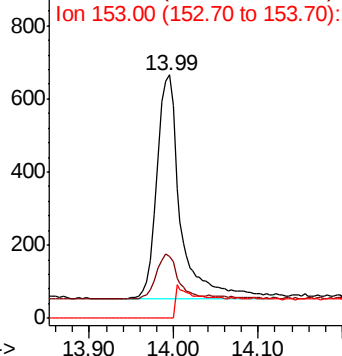
Tot Ion:	152	Resp:	1135
Ion Ratio	Lower	Upper	
152	100		
151	25.5	18.3	27.5
153	0.0	12.8	19.2#

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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: 0.130 ng/ul

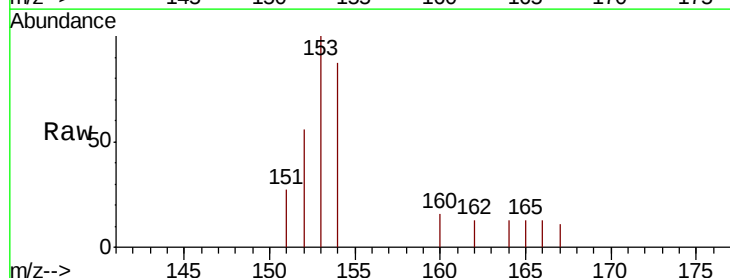
RT: 14.33 min Scan# 3859

Delta R.T. -0.01 min

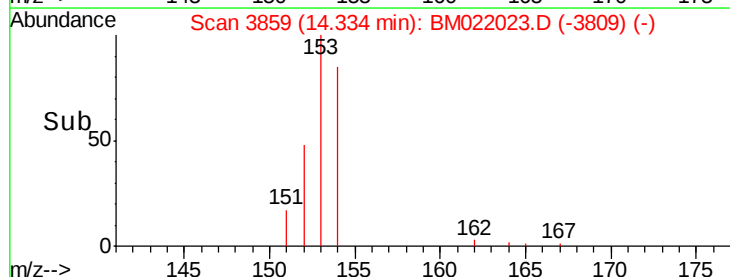
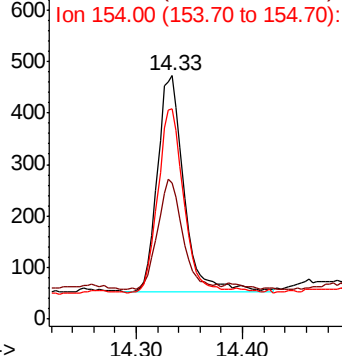
Lab File: BM022023.D

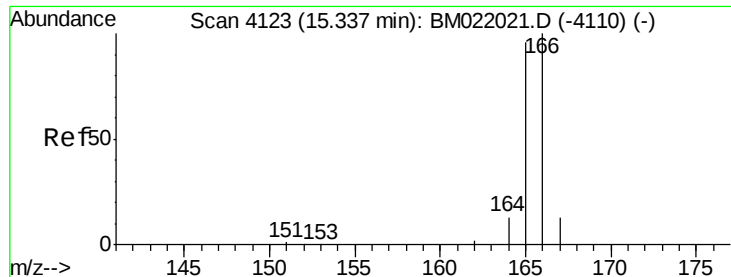
Acq: 12 Aug 2019 09:47

Tgt Ion:	153	Resp:	735
Ion Ratio	Lower	Upper	
153	100		
152	56.1	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: 0.161 ng/ul

RT: 15.33 min Scan# 4121

Delta R.T. -0.02 min

Lab File: BM022023.D

Acq: 12 Aug 2019 09:47

Instrument :

BNA_M

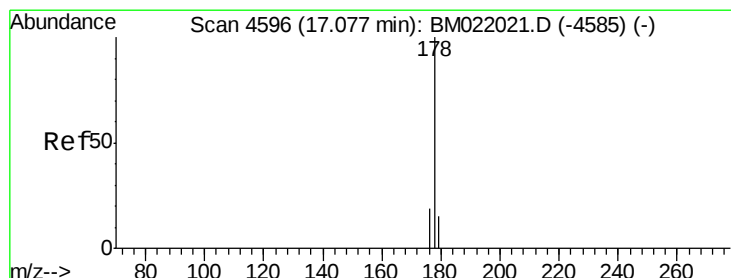
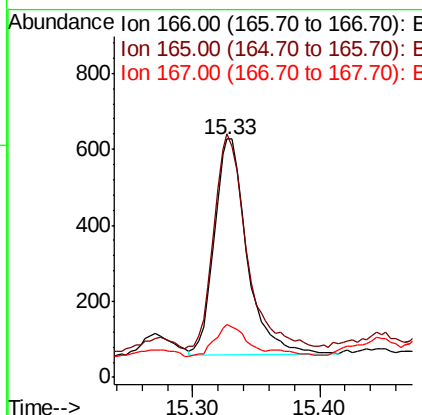
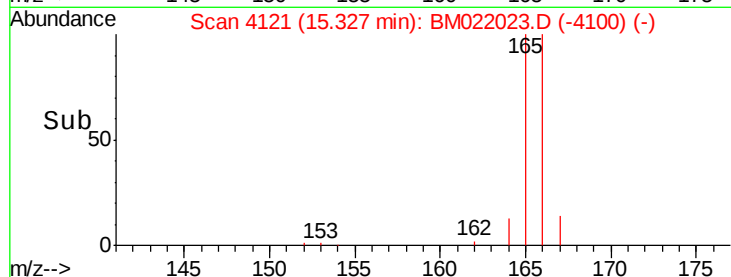
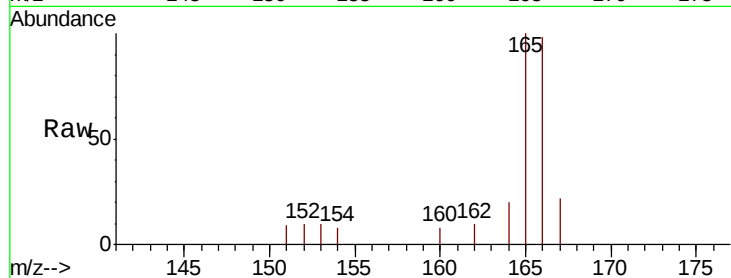
ClientSampleId :

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Tot Ion:	166	Resp:	1013
Ion Ratio	Lower	Upper	
166	100		
165	102.2	81.4	122.0
167	22.0	13.7	20.5#

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#12

Phenanthrene

Concen: 2.169 ng/ul

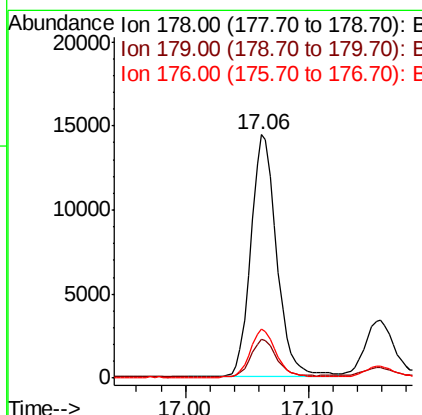
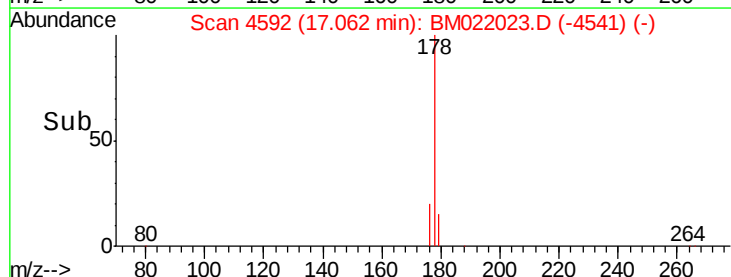
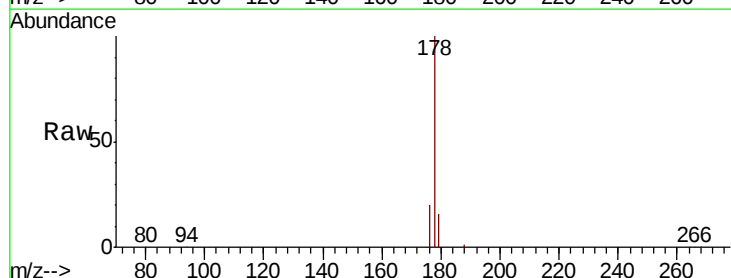
RT: 17.06 min Scan# 4592

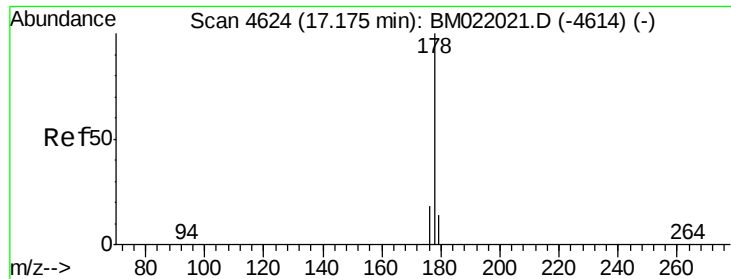
Delta R.T. -0.02 min

Lab File: BM022023.D

Acq: 12 Aug 2019 09:47

Tgt Ion:	178	Resp:	21090
Ion Ratio	Lower	Upper	
178	100		
179	15.8	14.2	21.2
176	19.9	16.8	25.2





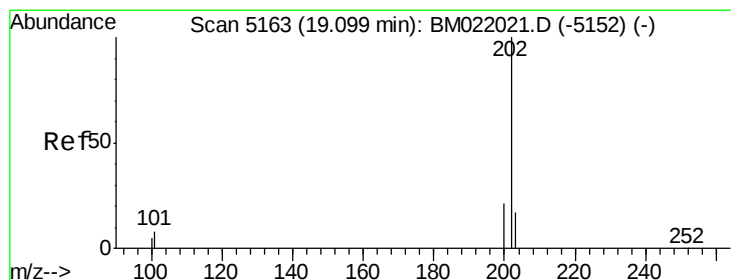
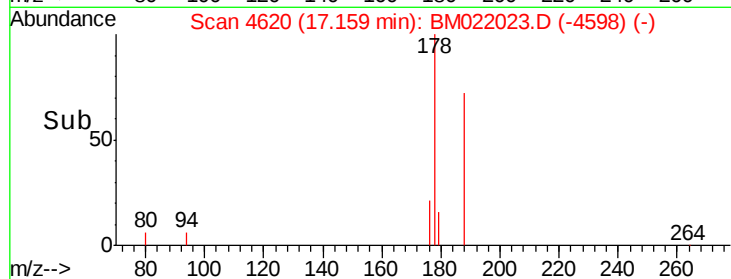
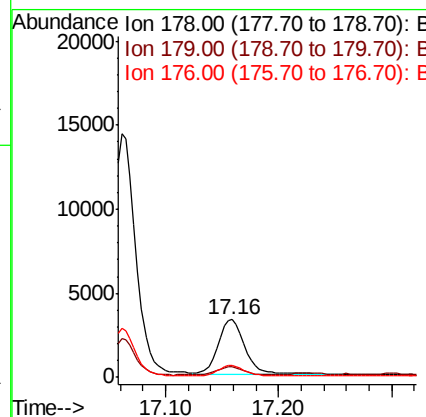
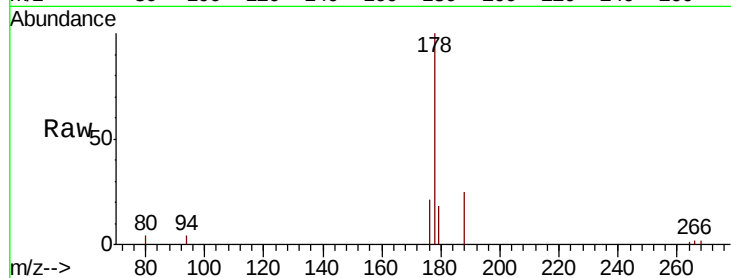
#13
 Anthracene
 Concen: 0.673 ng/ul
 RT: 17.16 min Scan# 4620
 Delta R.T. -0.02 min
 Lab File: BM022023.D
 Acq: 12 Aug 2019 09:47

Instrument :
 BNA_M
 ClientSampleId :
 BEP69DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.9	15.5	23.3
176	20.8	16.6	25.0

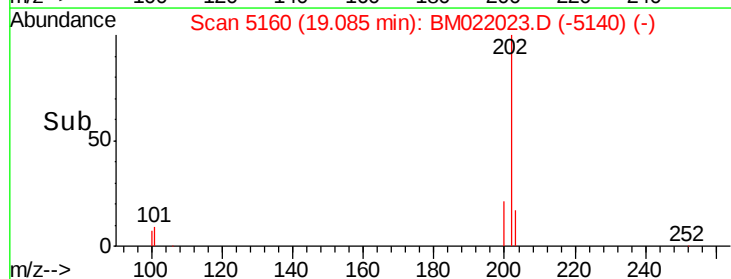
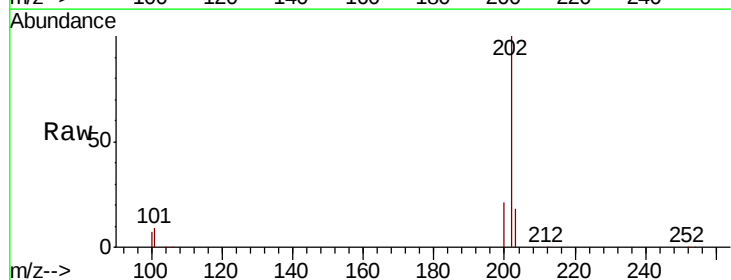
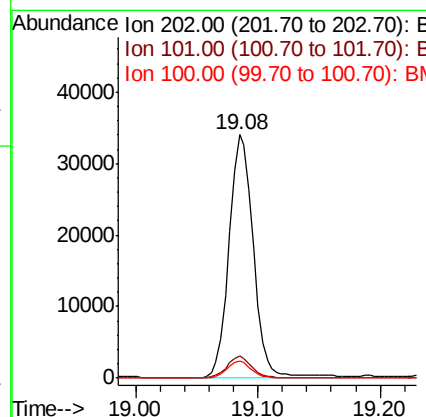
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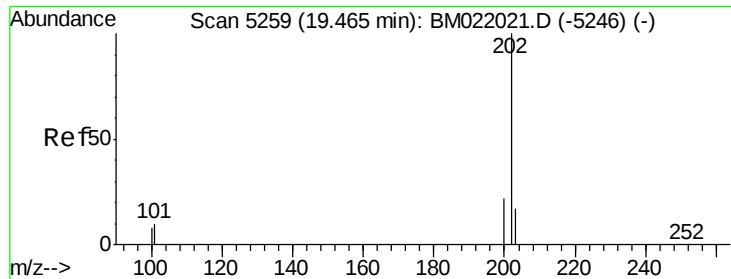
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#15
 Fluoranthene
 Concen: 3.569 ng/ul
 RT: 19.08 min Scan# 5160
 Delta R.T. -0.02 min
 Lab File: BM022023.D
 Acq: 12 Aug 2019 09:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.2
100	6.9	0.0	28.1





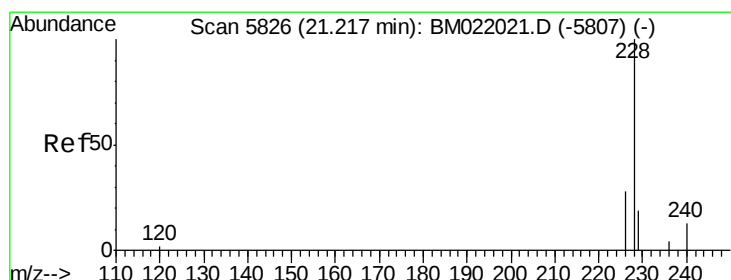
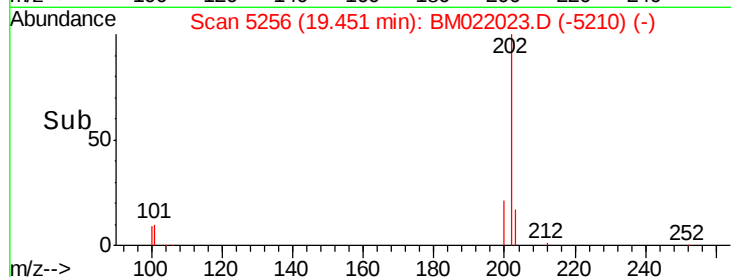
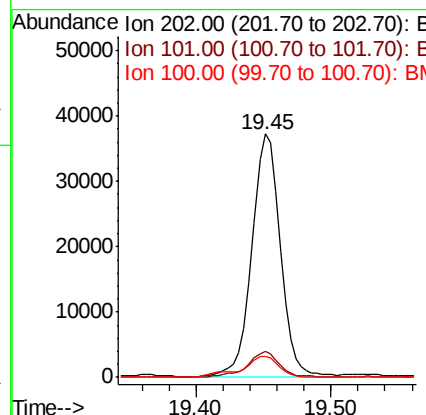
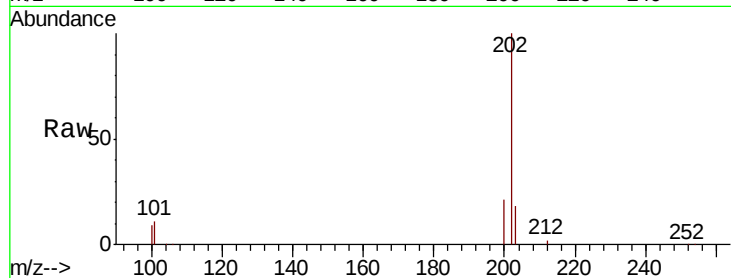
#17
Pvrene
Concen: 3.768 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.02 min
Lab File: BM022023.D
Acq: 12 Aug 2019 09:47

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	8.3	12.5
100	8.7	7.2	10.8

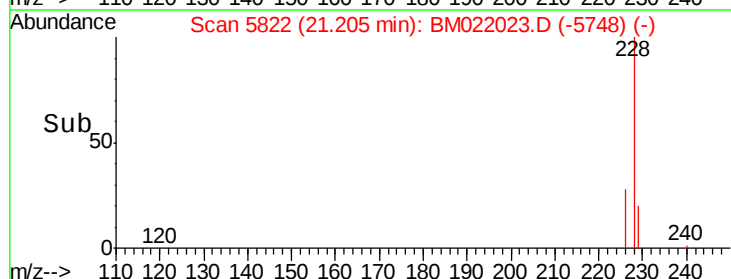
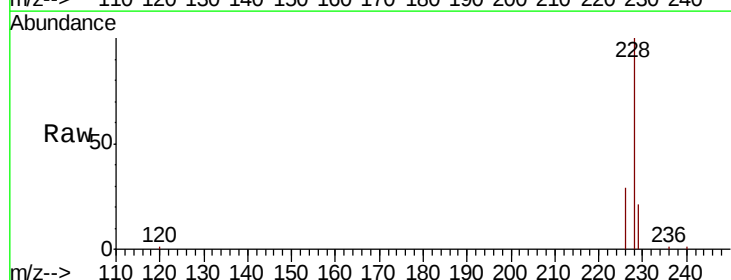
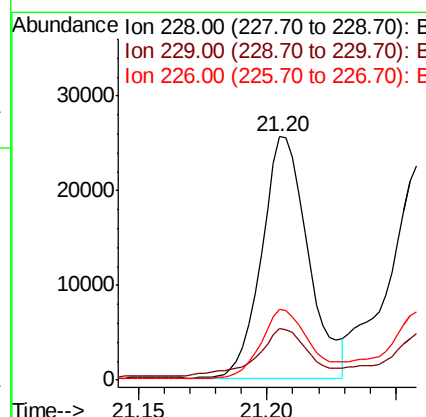
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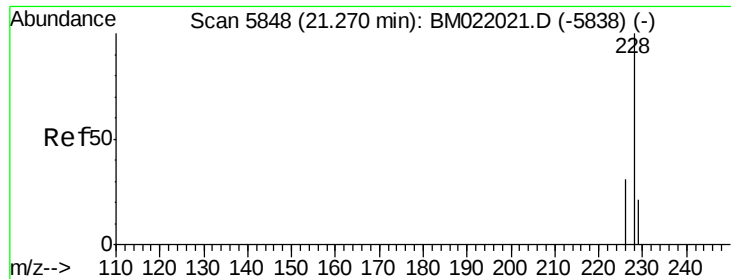
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#18
Benzo(a)anthracene
Concen: 2.612 ng/ul
RT: 21.20 min Scan# 5822
Delta R.T. -0.02 min
Lab File: BM022023.D
Acq: 12 Aug 2019 09:47

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: 2.126 ng/ul

RT: 21.26 min Scan# 5844

Delta R.T. -0.02 min

Lab File: BM022023.D

Acq: 12 Aug 2019 09:47

Instrument :

BNA_M

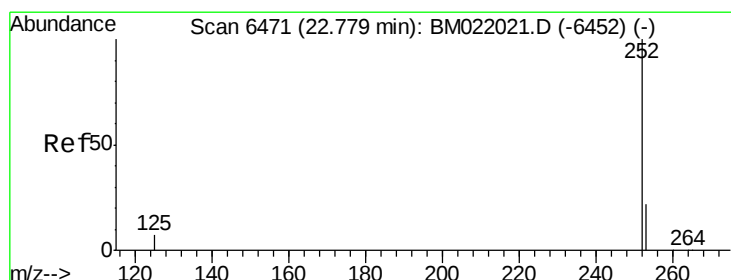
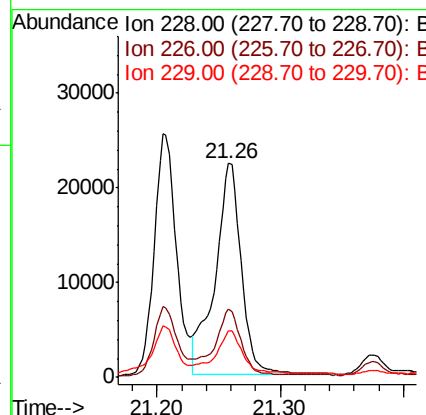
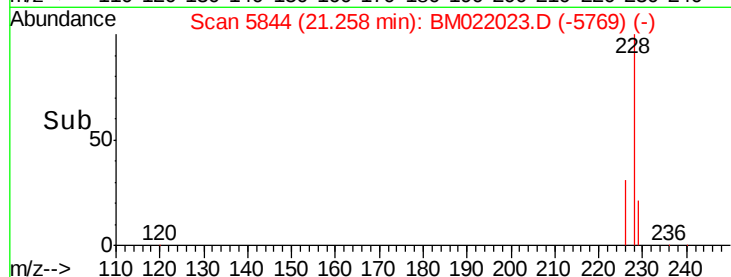
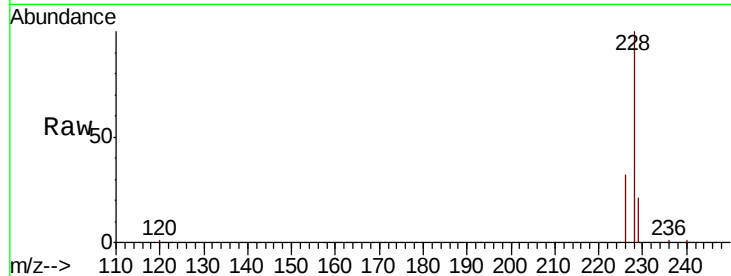
ClientSampleId :

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Tot Ion:	228	Resp:	33471
Ion Ratio	Lower	Upper	
228	100		
226	31.7	24.9	37.3
229	21.4	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 2.698 ng/ul m

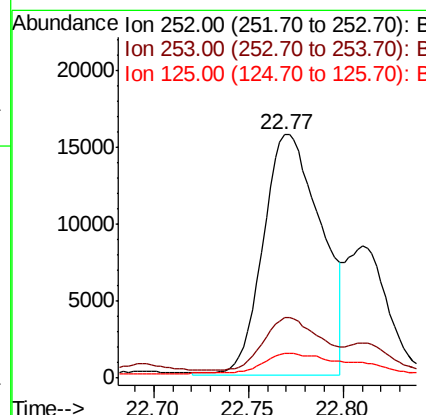
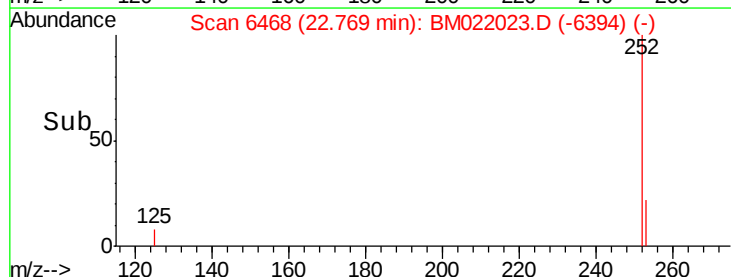
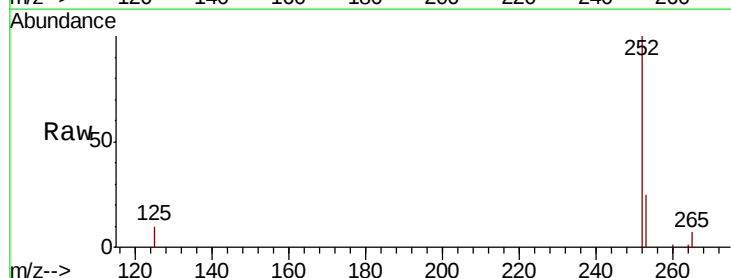
RT: 22.77 min Scan# 6468

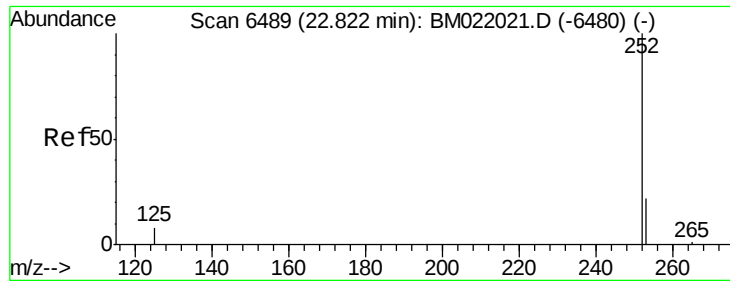
Delta R.T. -0.02 min

Lab File: BM022023.D

Acq: 12 Aug 2019 09:47

Tgt Ion:	252	Resp:	33230
Ion Ratio	Lower	Upper	
252	100		
253	24.7	0.0	67.4
125	9.9	0.0	31.0





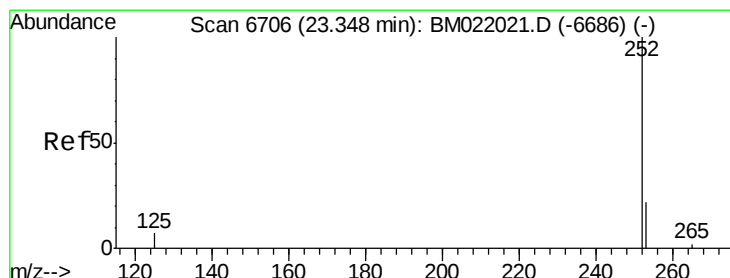
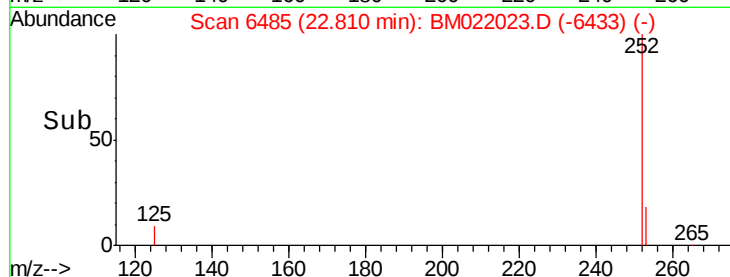
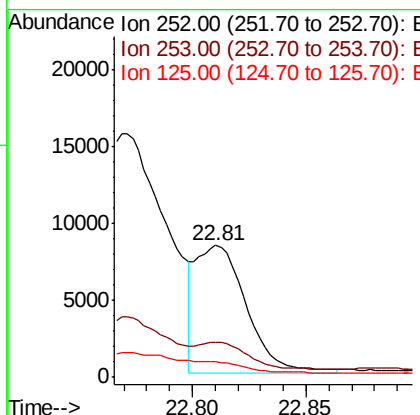
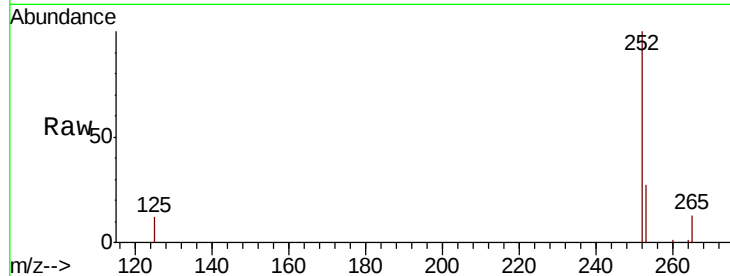
#22
Benzo(k)fluoranthene
Concen: 0.938 ng/ul m
RT: 22.81 min Scan# 6485
Delta R.T. -0.02 min
Lab File: BM022023.D
Acq: 12 Aug 2019 09:47

Instrument :
BNA_M
ClientSampleId :
BEP69DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	27.0	40.4#
125	11.7	12.2	18.2#

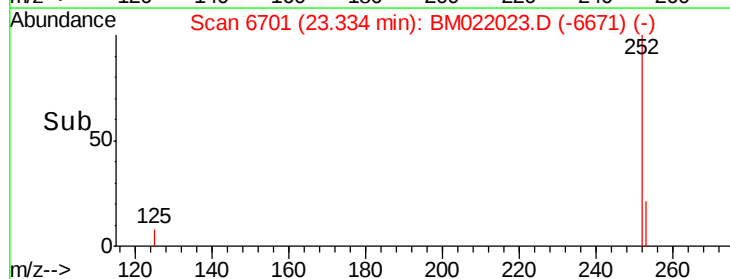
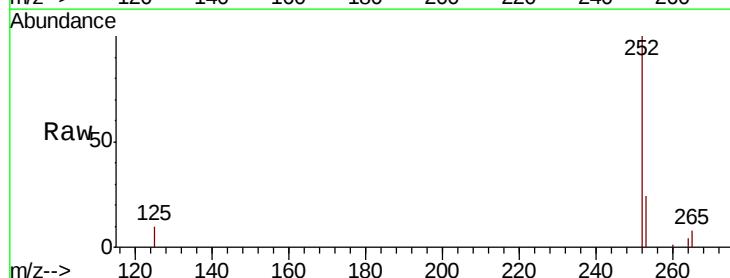
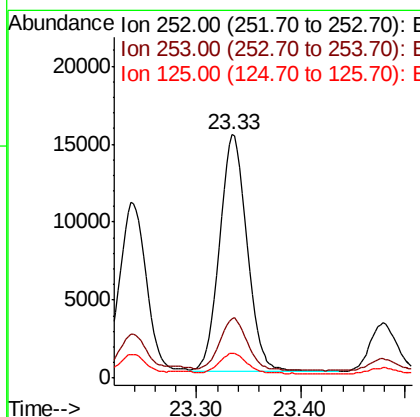
Manual Integrations
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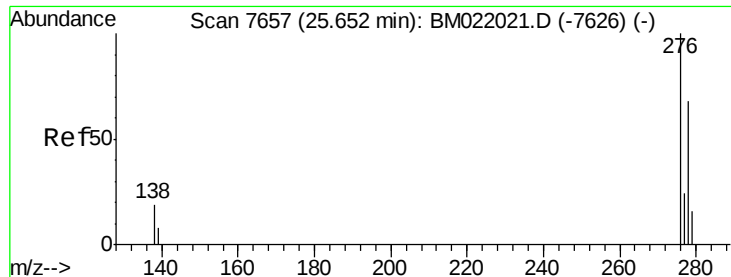
Sohil
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#23
Benzo(a)pyrene
Concen: 2.204 ng/ul
RT: 23.33 min Scan# 6701
Delta R.T. -0.03 min
Lab File: BM022023.D
Acq: 12 Aug 2019 09:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	31.7	47.5#
125	10.4	14.6	21.8#





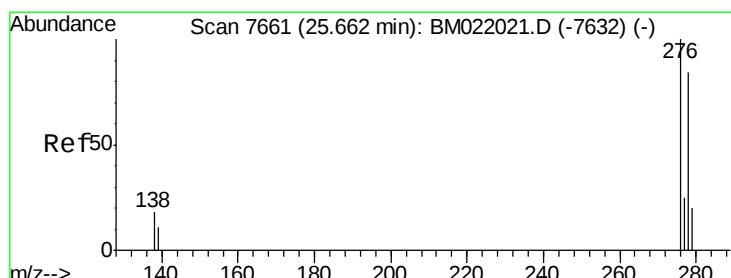
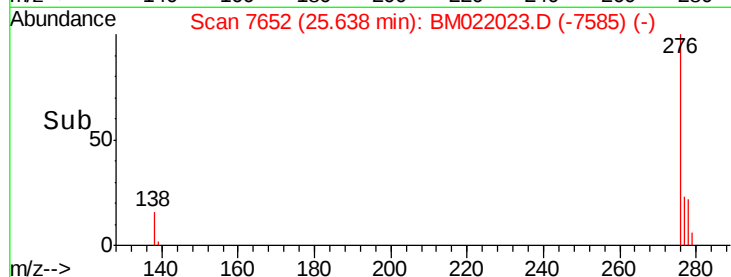
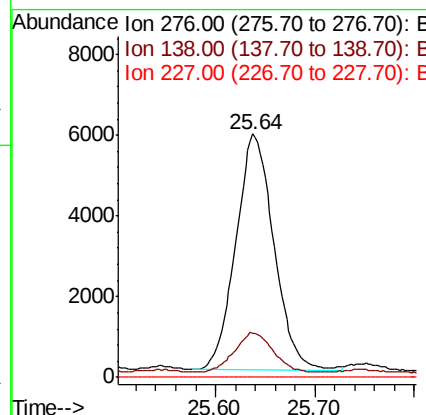
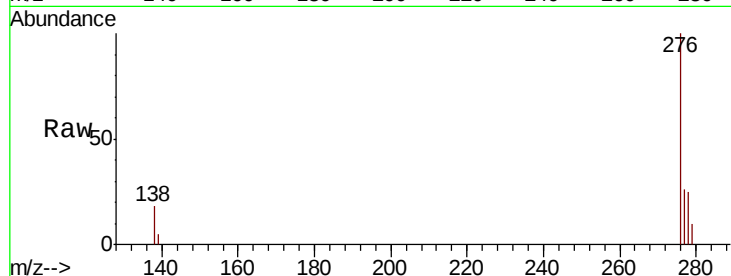
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.046 ng/uL
RT: 25.64 min Scan# 7652
Delta R.T. -0.04 min
Lab File: BM022023.D
Acq: 12 Aug 2019 09:47

Instrument :
BNA_M
ClientSampleID :
BEP69DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.7	15.1	22.7
227	0.0	0.0	0.0

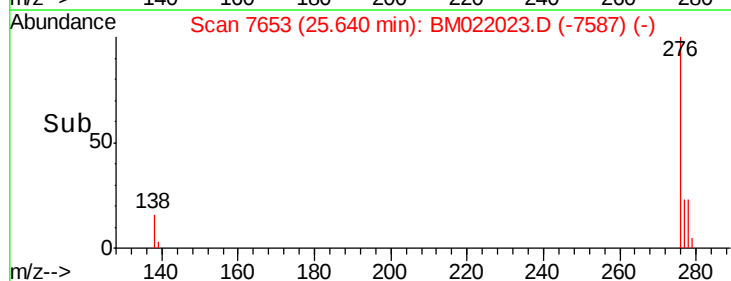
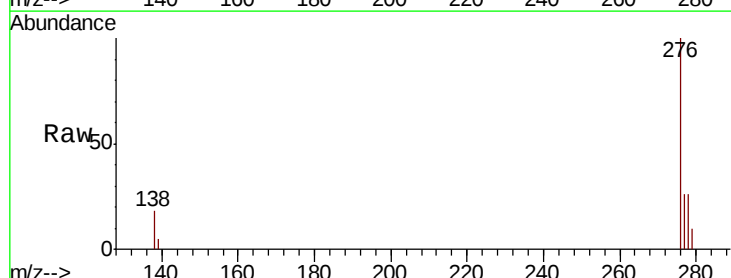
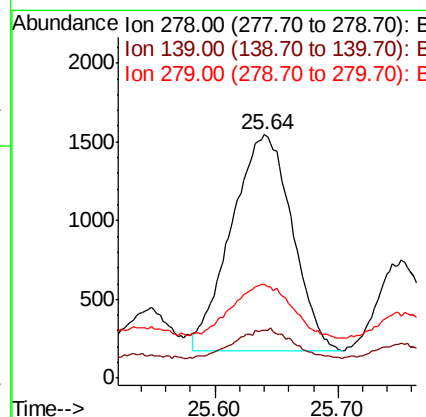
Manual Integrations
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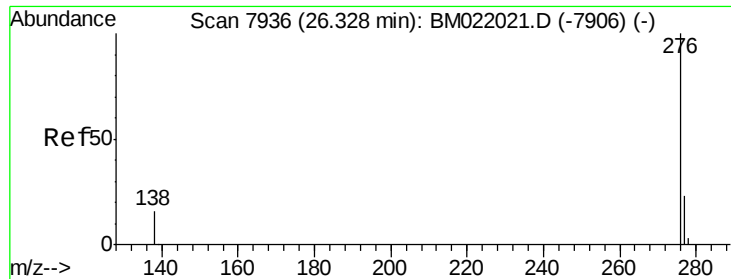
Sohil
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#25
Dibenzo(a,h)anthracene
Concen: 0.389 ng/uL
RT: 25.64 min Scan# 7653
Delta R.T. -0.04 min
Lab File: BM022023.D
Acq: 12 Aug 2019 09:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	14.2	21.2
279	38.4	28.3	42.5





#26
Benzo(a,h,i)perylene
Concen: 1.207 ng/ul
RT: 26.32 min Scan# 7933
Delta R.T. -0.04 min
Lab File: BM022023.D
Acq: 12 Aug 2019 09:47

Instrument :
BNA_M
ClientSampleId :
BEP69DL

Tot Ion:	276	Resp:	16251
Ion Ratio	Lower	Upper	
276	100		
138	18.2	15.5	23.3
277	25.6	21.4	32.2

Manual Integrations
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Sohil
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