

Data File : BM022030.D
Acq On : 12 Aug 2019 14:03
Operator : HP/JU
Sample : K3962-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP06

Manual Integrations
APPROVED

Sohil
8/13/2019 9:57:13 AM

Quant Time: Aug 12 14:51:11 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 : Mon Aug 12 14:07:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	665	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.38	136	2778	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.26	164	1541	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.02	188	3741m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	3656m	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	3666m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	993	0.22	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	3173m	0.25	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	2825	0.360	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	1910	0.365	ng/ul	95
7) Acenaphthylene	13.99	152	8394	1.168	ng/ul#	82
8) Acenaphthene	14.32	153	4587	0.780	ng/ul	97
9) Fluorene	15.32	166	4969	0.761	ng/ul	98
12) Phenanthrene	17.06	178	111194m	10.215	ng/ul	
13) Anthracene	17.15	178	26568m	2.861	ng/ul	
15) Fluoranthene	19.09	202	213823m	14.664	ng/ul	
17) Pyrene	19.45	202	262748	17.489	ng/ul	98
18) Benzo(a)anthracene	21.21	228	167657m	12.820	ng/ul	
19) Chrysene	21.26	228	163532	9.723	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	175071m	14.162	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	63968m	4.572	ng/ul	
23) Benzo(a)pyrene	23.33	252	144880	11.524	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.64	276	83432	5.558	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.64	278	25788	2.125	ng/ul	94
26) Benzo(g,h,i)perylene	26.32	276	87486	6.474	ng/ul	95

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

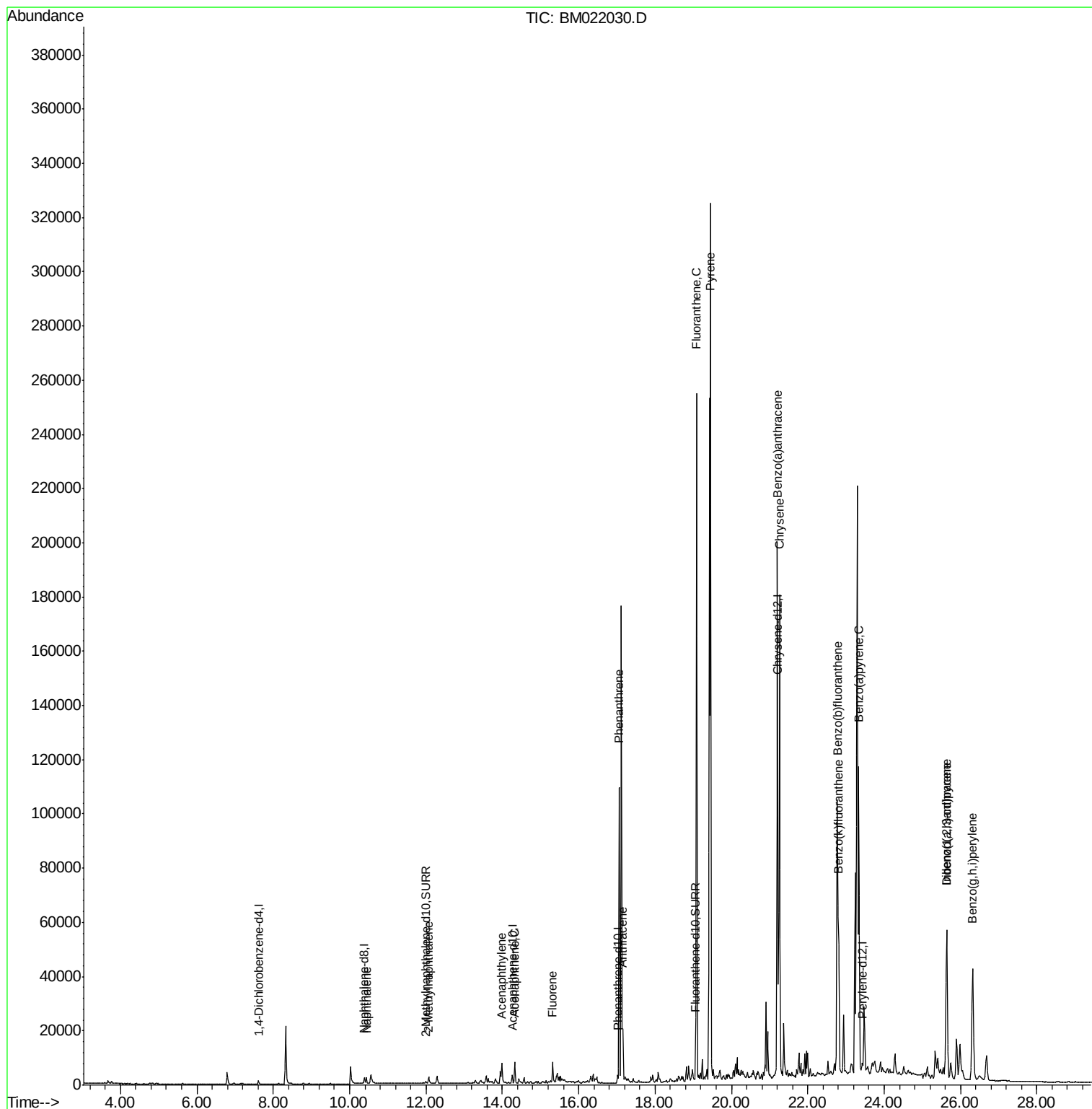
Data File : BM022030.D
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ALS Vial : 11 Sample Multiplier: 1

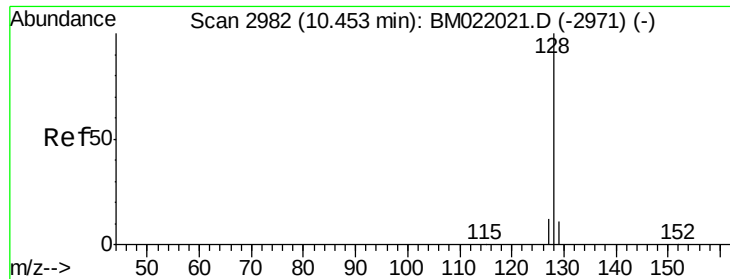
Instrument :
BNA_M
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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.360 ng/ul

RT: 10.44 min Scan# 2979

Delta R.T. -0.03 min

Lab File: BM022030.D

Acq: 12 Aug 2019 14:03

Instrument :

BNA_M

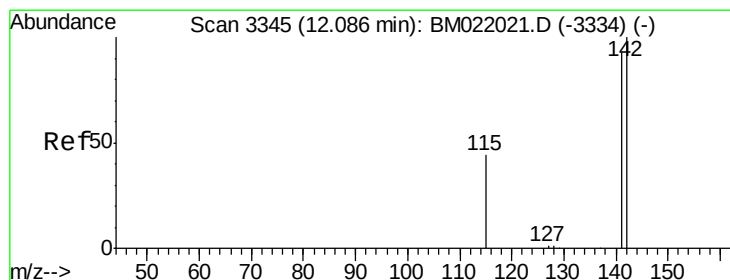
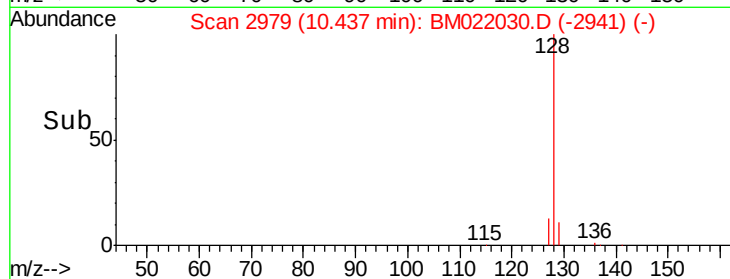
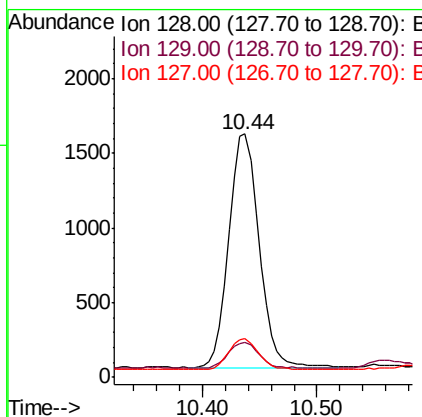
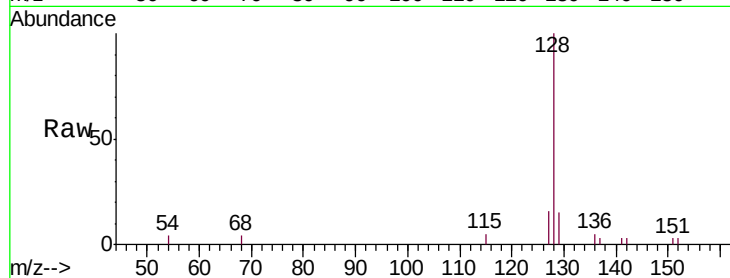
ClientSampleId :

BEP06

Tgt Ion:	128	Resp:	2825
Ion Ratio	Lower	Upper	
128	100		
129	14.5	12.3	18.5
127	15.8	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.365 ng/ul

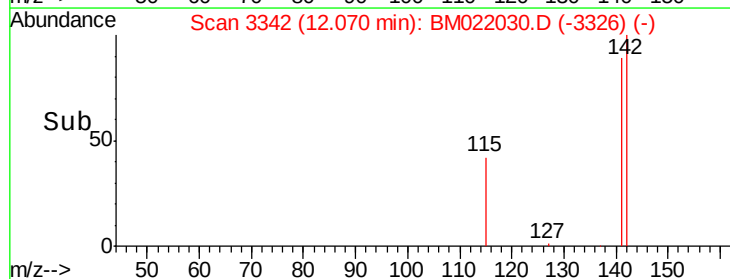
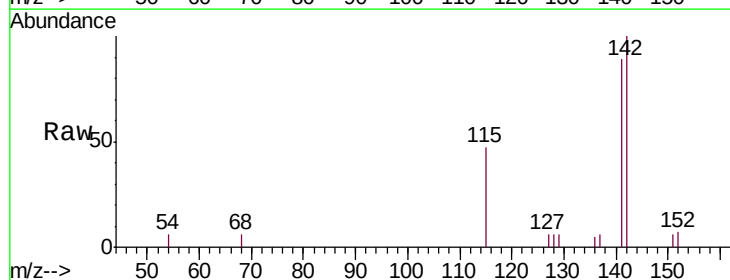
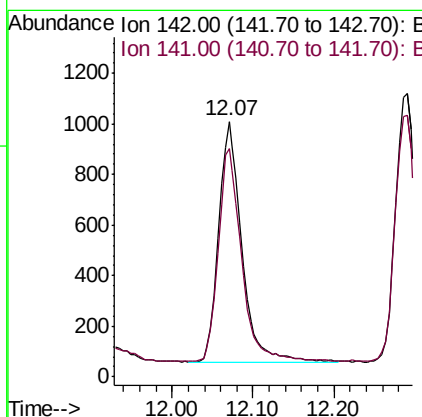
RT: 12.07 min Scan# 3342

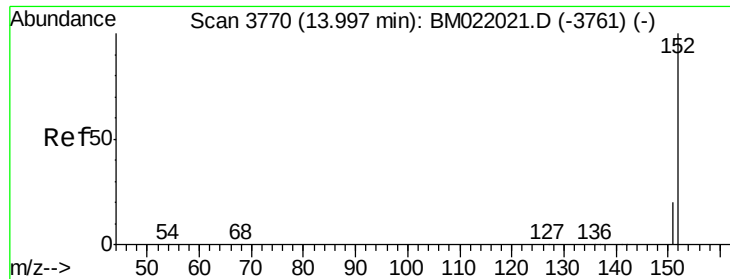
Delta R.T. -0.03 min

Lab File: BM022030.D

Acq: 12 Aug 2019 14:03

Tgt Ion:	142	Resp:	1910
Ion Ratio	Lower	Upper	
142	100		
141	87.7	74.3	111.5





#7

Acenaphthylene

Concen: 1.168 ng/ul

RT: 13.99 min Scan# 3768

Delta R.T. -0.02 min

Lab File: BM022030.D

Acq: 12 Aug 2019 14:03

Instrument :

BNA_M

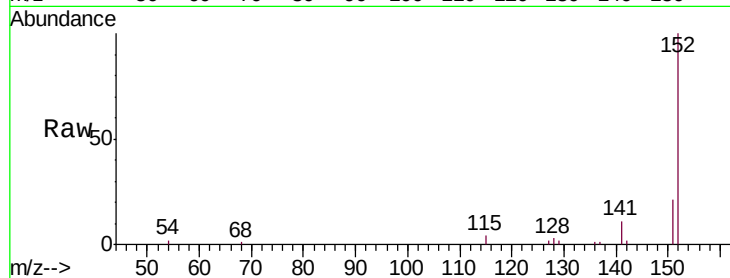
ClientSampleId :

BEP06

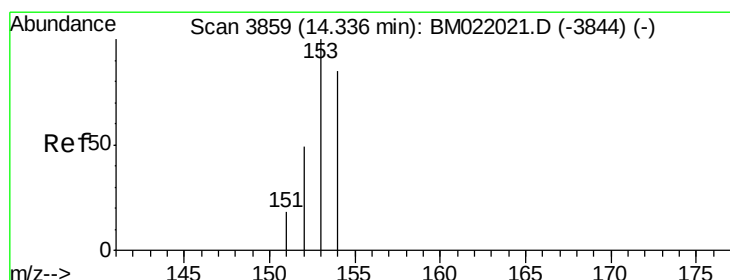
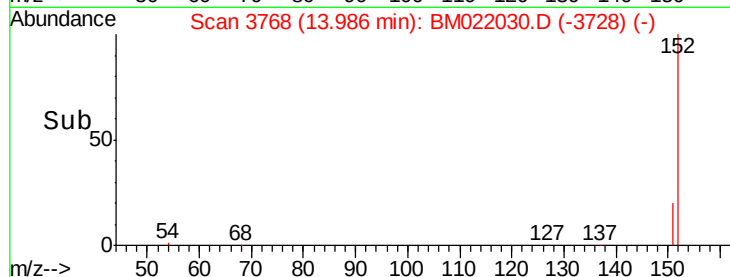
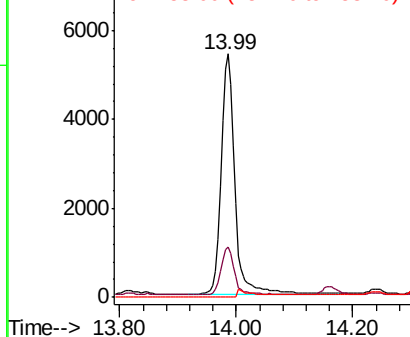
Tgt Ion:	152	Resp:	8394
Ion Ratio	Lower	Upper	
152	100		
151	20.6	18.3	27.5
153	0.0	12.8	19.2#

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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: 0.780 ng/ul

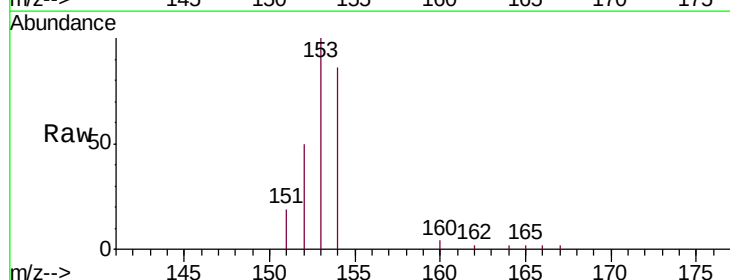
RT: 14.32 min Scan# 3856

Delta R.T. -0.02 min

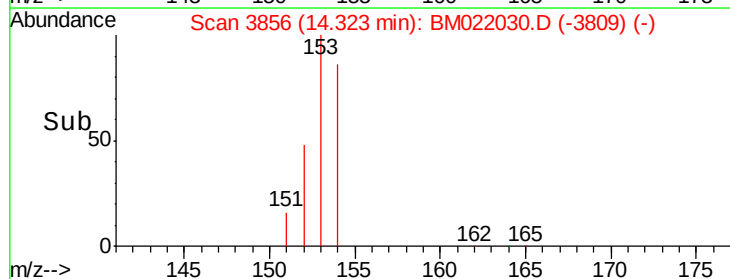
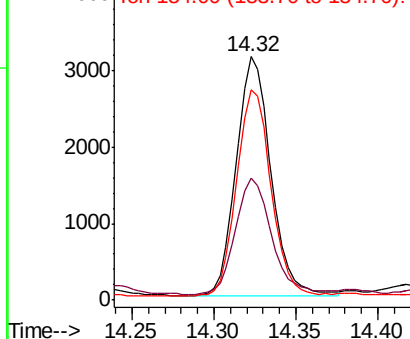
Lab File: BM022030.D

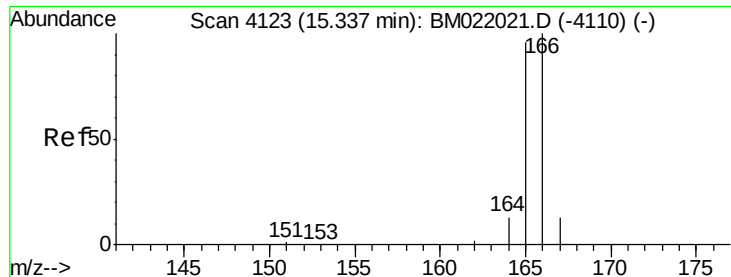
Acq: 12 Aug 2019 14:03

Tgt Ion:	153	Resp:	4587
Ion Ratio	Lower	Upper	
153	100		
152	50.2	41.3	61.9
154	86.3	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





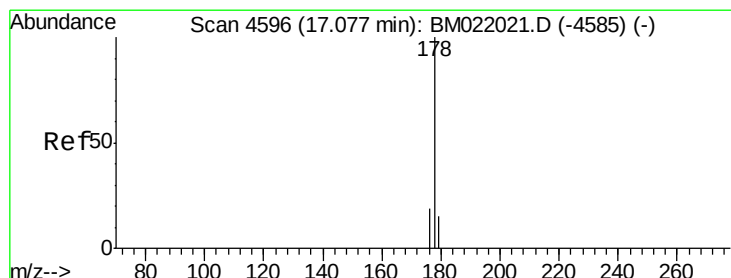
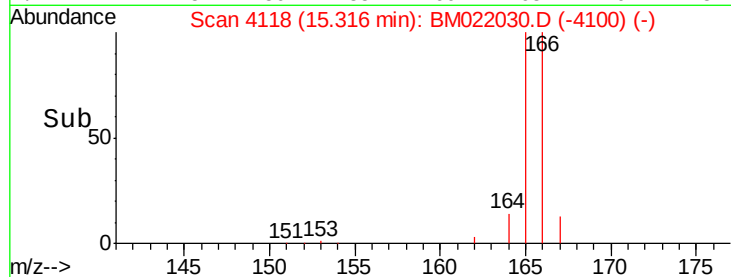
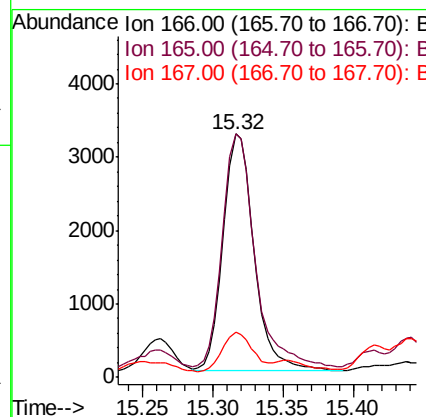
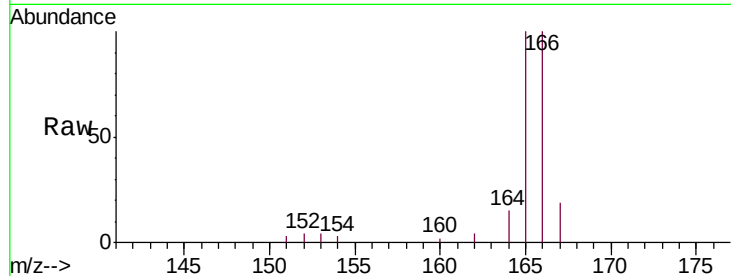
#9
Fluorene
 Concen: 0.761 ng/ul
 RT: 15.32 min Scan# 4118
 Delta R.T. -0.03 min
 Lab File: BM022030.D
 Acq: 12 Aug 2019 14:03

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	81.4	122.0
167	18.6	13.7	20.5

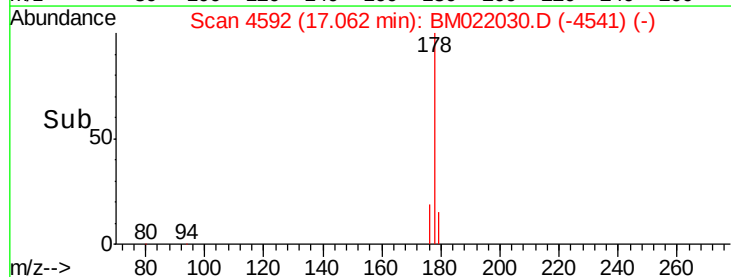
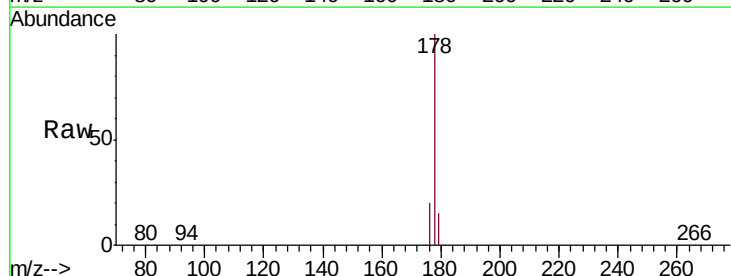
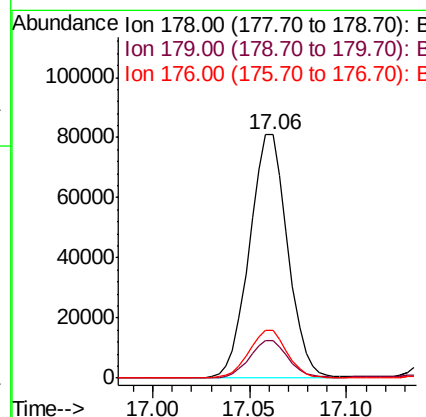
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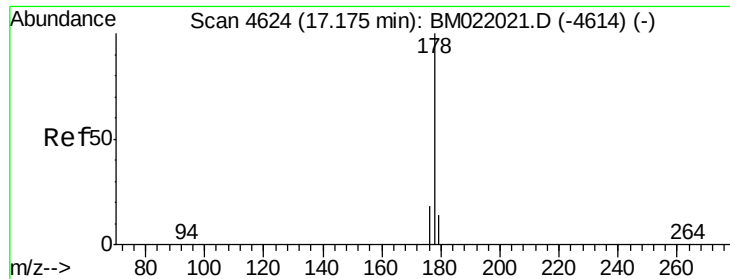
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#12
Phenanthrene
 Concen: 10.215 ng/ul m
 RT: 17.06 min Scan# 4592
 Delta R.T. -0.02 min
 Lab File: BM022030.D
 Acq: 12 Aug 2019 14:03

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	14.2	21.2
176	19.5	16.8	25.2





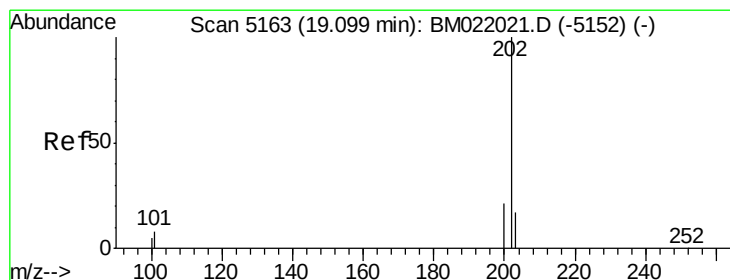
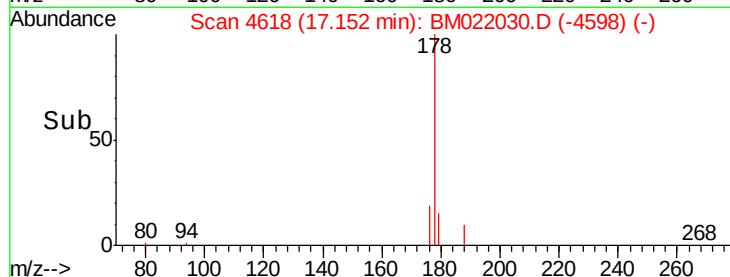
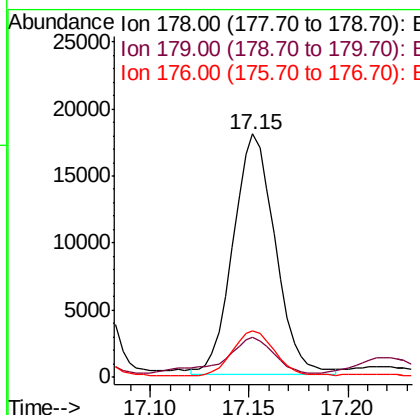
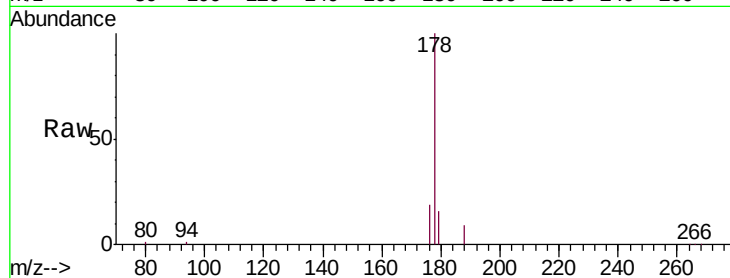
#13
Anthracene
 Concen: 2.861 ng/ul m
 RT: 17.15 min Scan# 4618
 Delta R.T. -0.03 min
 Lab File: BM022030.D
 Acq: 12 Aug 2019 14:03

Instrument :
 BNA_M
 ClientSampleId :
 BEP06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	15.5	23.3
176	19.0	16.6	25.0

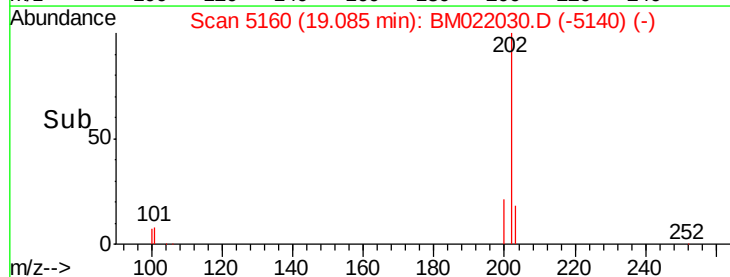
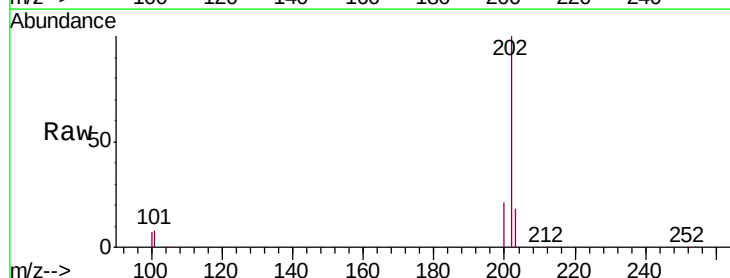
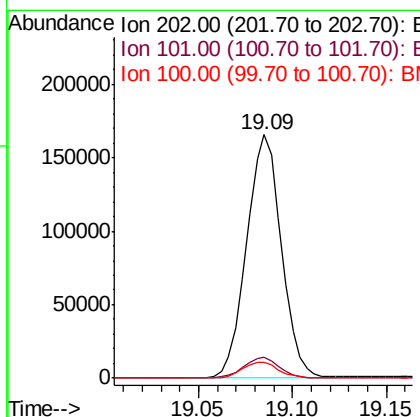
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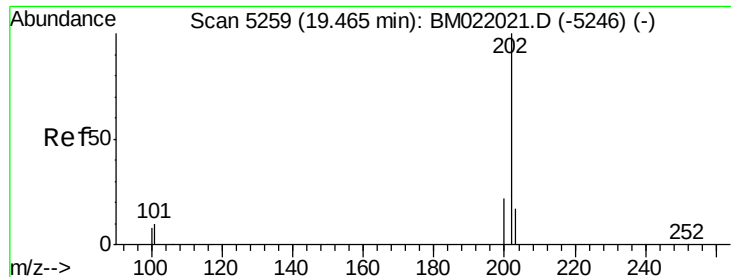
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#15
Fluoranthene
 Concen: 14.664 ng/ul m
 RT: 19.09 min Scan# 5160
 Delta R.T. -0.02 min
 Lab File: BM022030.D
 Acq: 12 Aug 2019 14:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	30.2
100	6.6	0.0	28.1





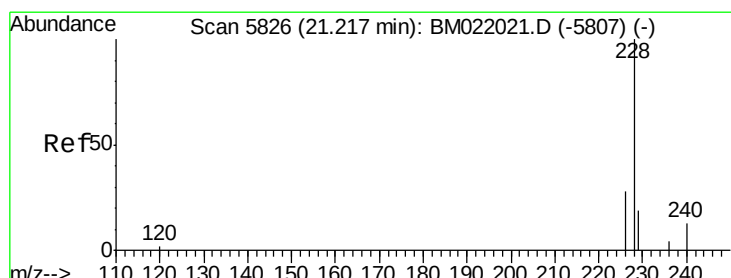
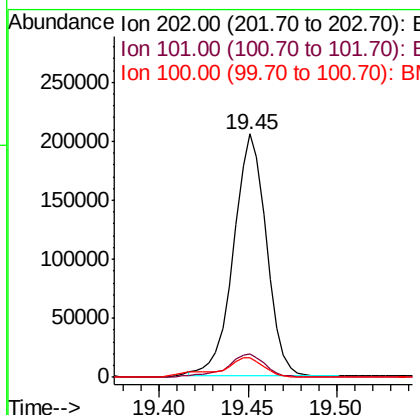
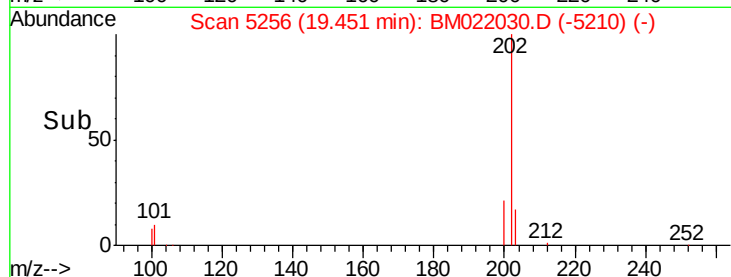
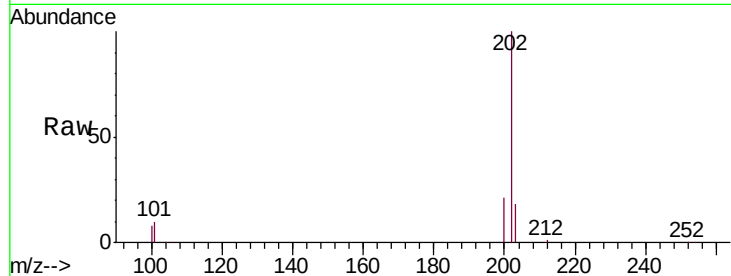
#17
Pyrene
Concen: 17.489 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.02 min
Lab File: BM022030.D
Acq: 12 Aug 2019 14:03

Instrument :
BNA_M
ClientSampled :
BEP06

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.6	8.3	12.5
100	8.0	7.2	10.8

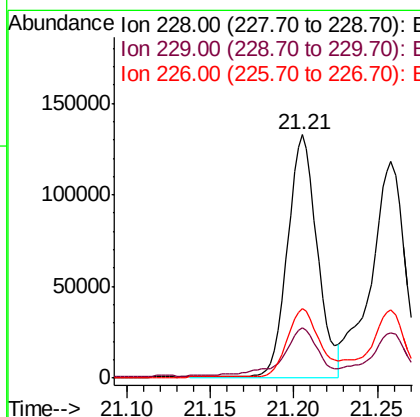
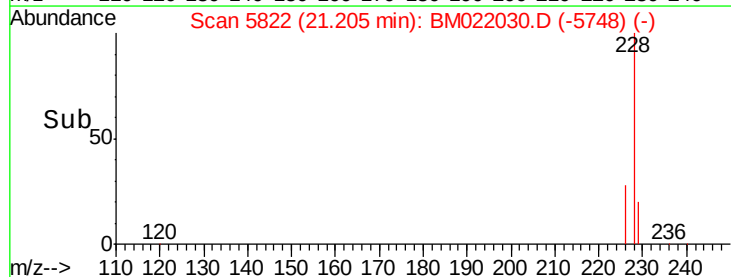
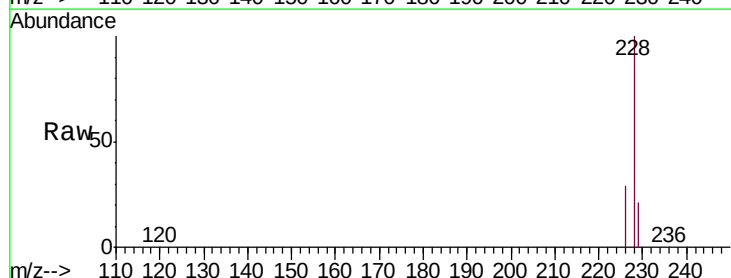
Manual Integrations
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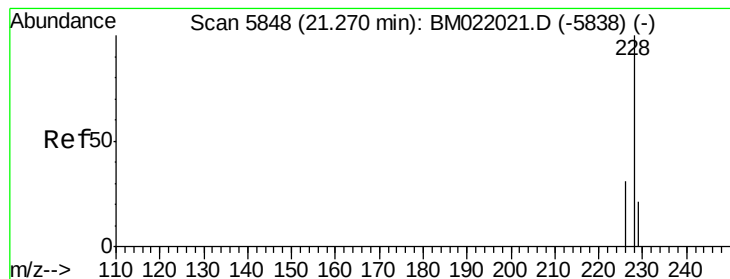
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#18
Benzo(a)anthracene
Concen: 12.820 ng/ul m
RT: 21.21 min Scan# 5822
Delta R.T. -0.02 min
Lab File: BM022030.D
Acq: 12 Aug 2019 14:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.9	17.2	25.8
226	28.7	22.6	34.0





#19

Chrysene

Concen: 9.723 ng/ul

RT: 21.26 min Scan# 5844

Delta R.T. -0.02 min

Lab File: BM022030.D

Acq: 12 Aug 2019 14:03

Instrument :

BNA_M

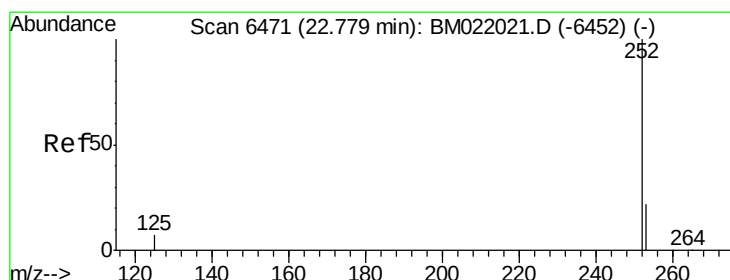
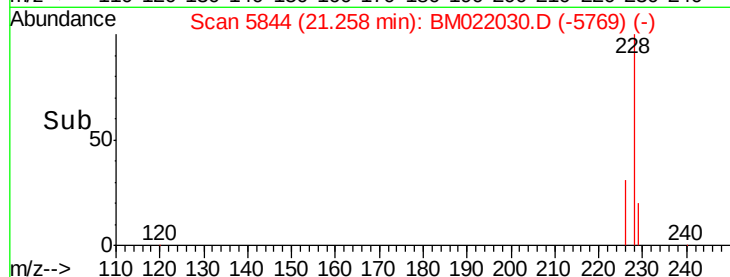
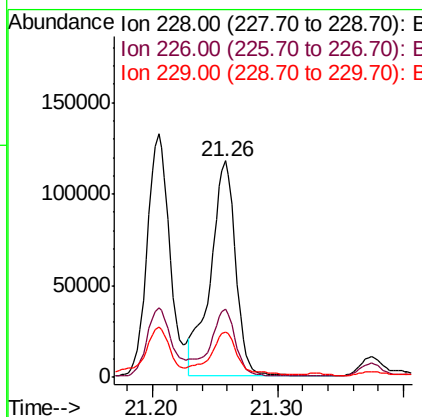
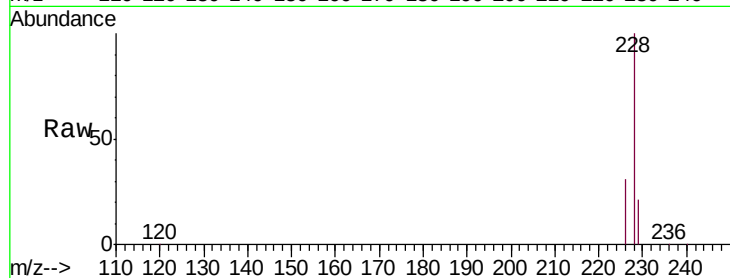
ClientSampleId :

BEP06

Tgt	Ion:228	Resp:	163532
Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	21.1	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 14.162 ng/ul m

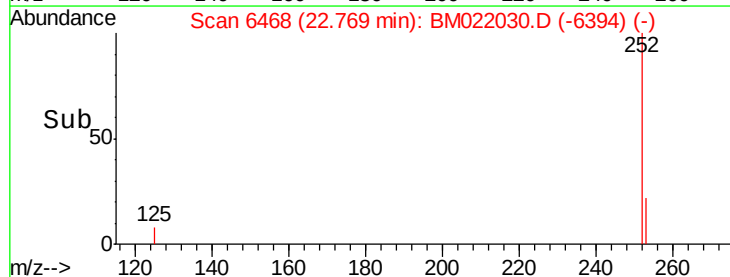
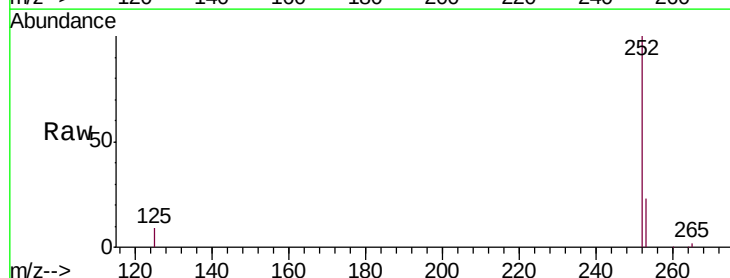
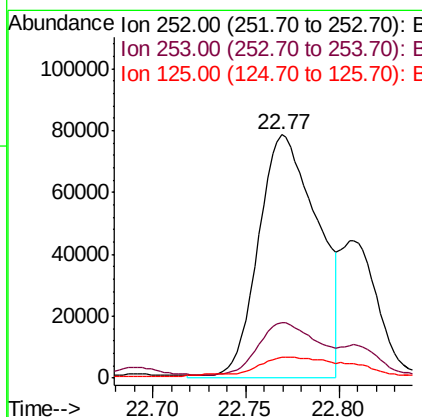
RT: 22.77 min Scan# 6468

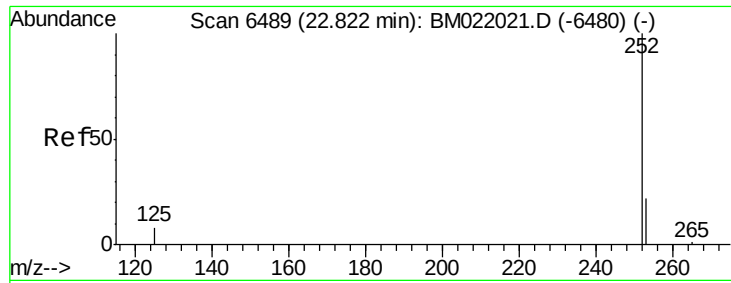
Delta R.T. -0.02 min

Lab File: BM022030.D

Acq: 12 Aug 2019 14:03

Tgt	Ion:252	Resp:	175071
Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	67.4
125	8.5	0.0	31.0





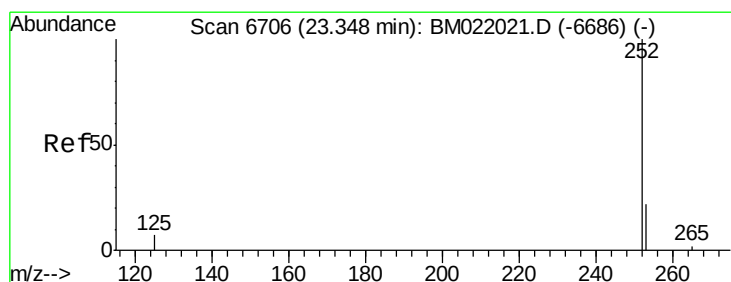
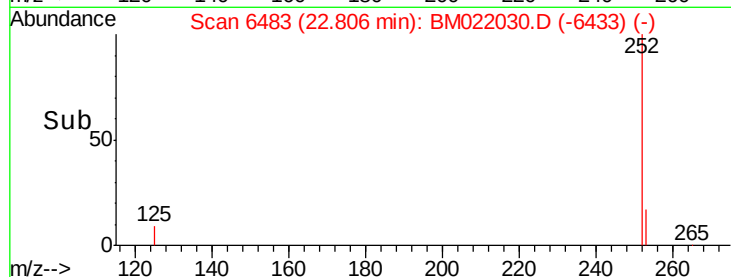
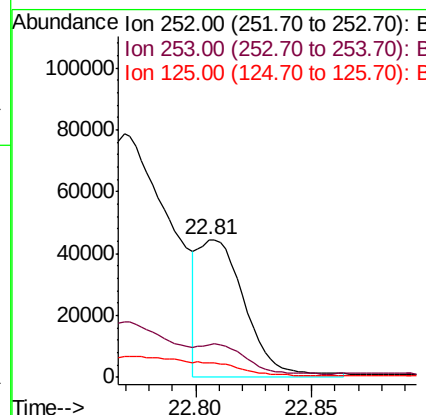
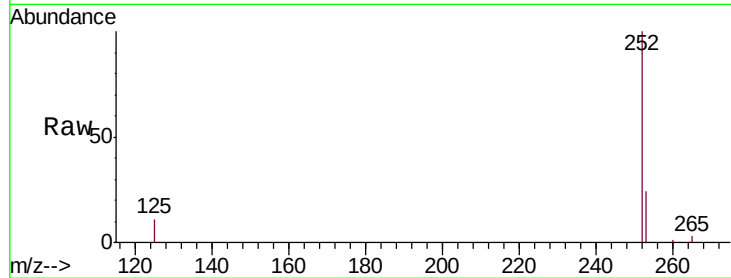
#22
Benzo(k)fluoranthene
Concen: 4.572 ng/ul m
RT: 22.81 min Scan# 6483
Delta R.T. -0.03 min
Lab File: BM022030.D
Acq: 12 Aug 2019 14:03

Instrument :
BNA_M
ClientSampled :
BEP06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	27.0	40.4#
125	10.6	12.2	18.2#

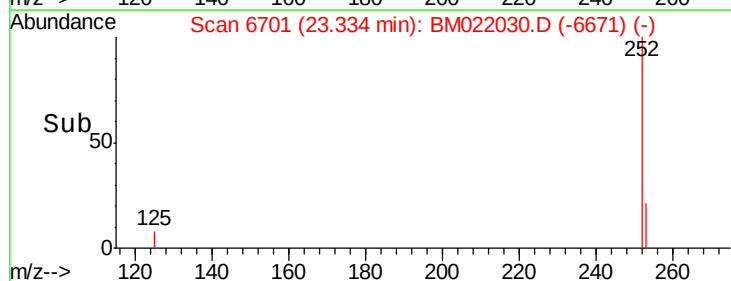
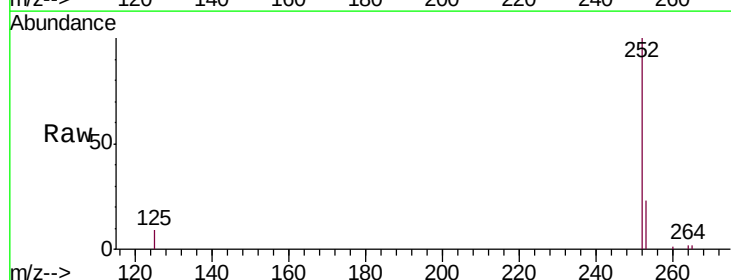
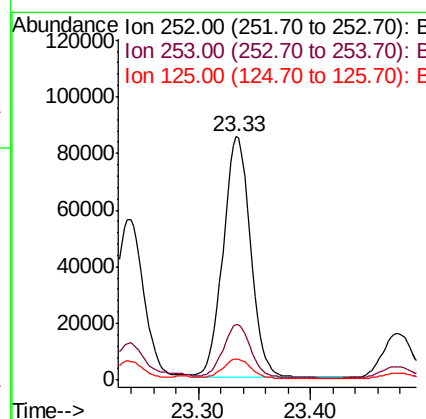
Manual Integrations
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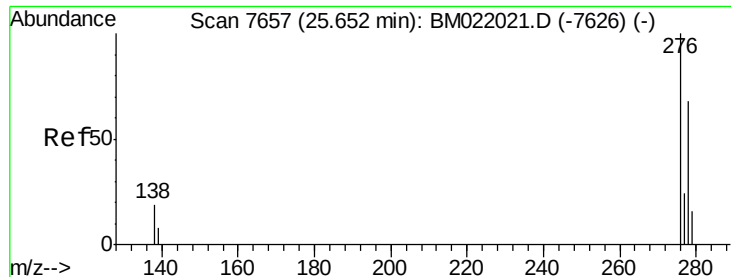
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#23
Benzo(a)pyrene
Concen: 11.524 ng/ul
RT: 23.33 min Scan# 6701
Delta R.T. -0.03 min
Lab File: BM022030.D
Acq: 12 Aug 2019 14:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	31.7	47.5#
125	8.8	14.6	21.8#





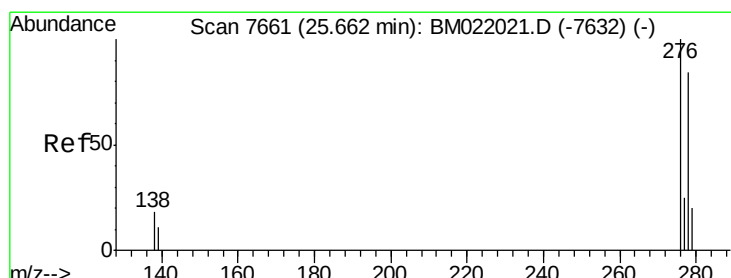
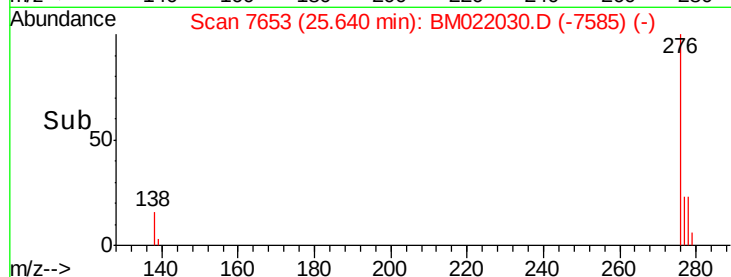
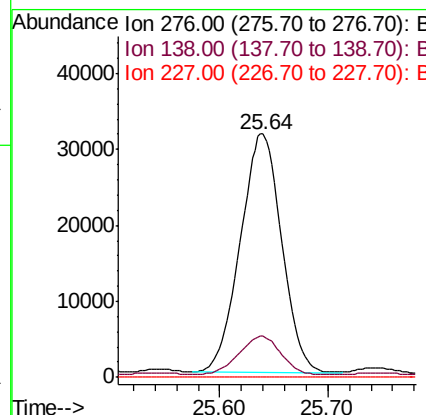
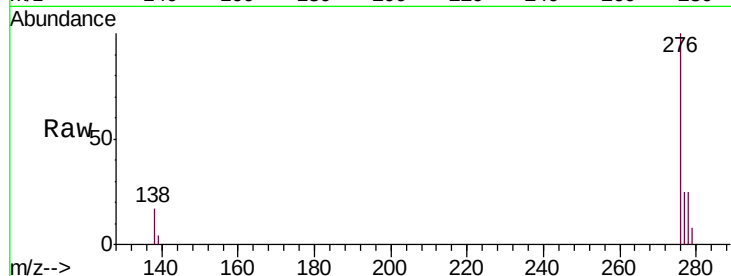
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 5.558 ng/ul
 RT: 25.64 min Scan# 7653
 Delta R.T. -0.04 min
 Lab File: BM022030.D
 Acq: 12 Aug 2019 14:03

Instrument :
 BNA_M
 ClientSampleId :
 BEP06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.6	15.1	22.7
227	0.0	0.0	0.0

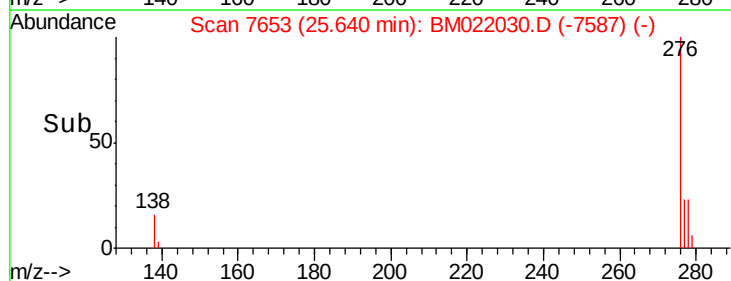
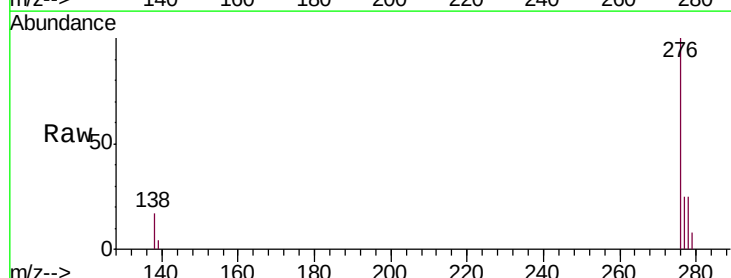
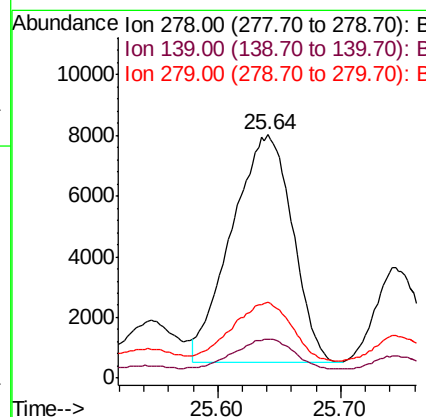
Manual Integrations
 APPROVED

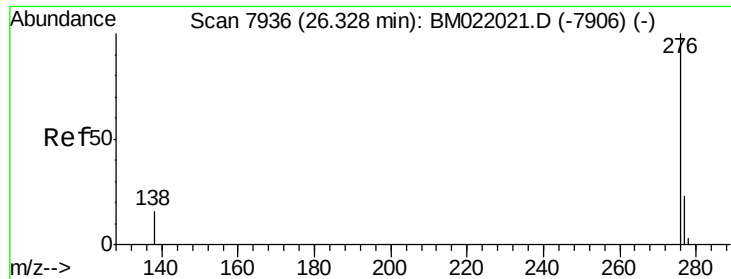
Sohil
 8/13/2019 9:57:13 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 2.125 ng/ul
 RT: 25.64 min Scan# 7653
 Delta R.T. -0.04 min
 Lab File: BM022030.D
 Acq: 12 Aug 2019 14:03

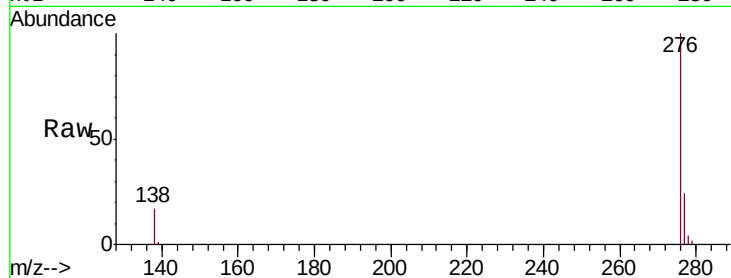
Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	14.2	21.2
279	31.2	28.3	42.5





#26
 Benzo(g,h,i)perylene
 Concen: 6.474 ng/ul
 RT: 26.32 min Scan# 7932
 Delta R.T. -0.04 min
 Lab File: BM022030.D
 Acq: 12 Aug 2019 14:03

Instrument :
 BNA_M
 ClientSampleId :
 BEP06



Tgt Ion:	276	Resp:	87486
Ion Ratio	Lower	Upper	
276	100		
138	17.3	15.5	23.3
277	24.4	21.4	32.2

Manual Integrations
 APPROVED

Sohil
 8/13/2019 9:57:13 AM

