

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
 Data File : BM021998.D
 Acq On : 10 Aug 2019 15:14
 Operator : HP/JU
 Sample : K4029-21
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENW0

Manual Integrations
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Sohil
 8/13/2019 8:47:06 AM

Quant Time: Aug 11 01:49:41 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	738	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	3126	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1700	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.02	188	4061m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	3975m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	3824m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1266	0.25	ng/ul	-0.02
14) Fluoranthene-d10	19.06	212	3845m	0.28	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	1545	0.175	ng/ul	97
5) 2-Methylnaphthalene	12.08	142	1018	0.173	ng/ul	91
7) Acenaphthylene	13.99	152	5529	0.697	ng/ul#	82
8) Acenaphthene	14.33	153	2426	0.374	ng/ul	97
9) Fluorene	15.33	166	2733	0.379	ng/ul	98
12) Phenanthrene	17.06	178	52786m	4.467	ng/ul	
13) Anthracene	17.16	178	13679m	1.357	ng/ul	
15) Fluoranthene	19.09	202	108636m	6.863	ng/ul	
17) Pyrene	19.46	202	109722	6.717	ng/ul	99
18) Benzo(a)anthracene	21.21	228	65534m	4.609	ng/ul	
19) Chrysene	21.27	228	67215	3.676	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	80553m	6.247	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	32579m	2.232	ng/ul	
23) Benzo(a)pyrene	23.34	252	58573m	4.467	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.65	276	38398m	2.452	ng/ul	
25) Dibenzo(a,h)anthracene	25.65	278	11485m	0.907	ng/ul	
26) Benzo(g,h,i)perylene	26.33	276	31342m	2.223	ng/ul	

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

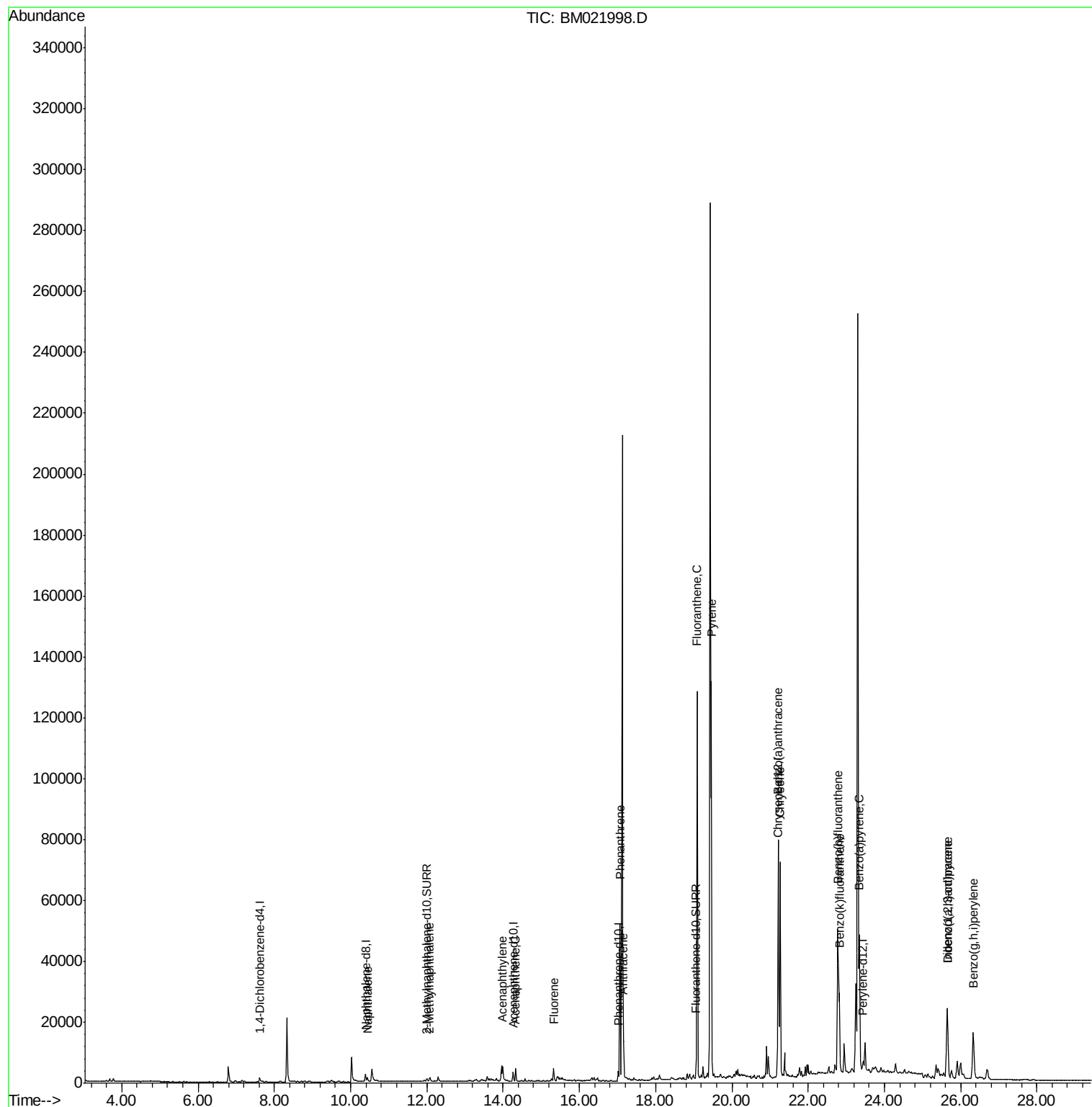
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
Data File : BM021998.D
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ALS Vial : 35 Sample Multiplier: 1

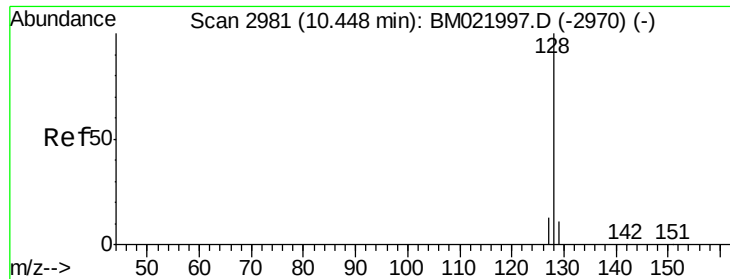
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Fri Aug 09 01:29:50 2019
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#3

Naphthalene

Concen: 0.175 ng/ul

RT: 10.44 min Scan# 2979

Delta R.T. -0.02 min

Lab File: BM021998.D

Acq: 10 Aug 2019 15:14

Instrument :

BNA_M

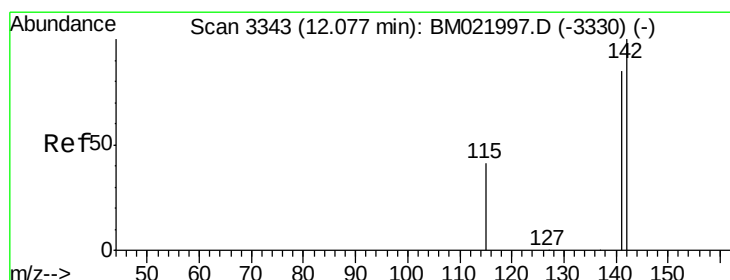
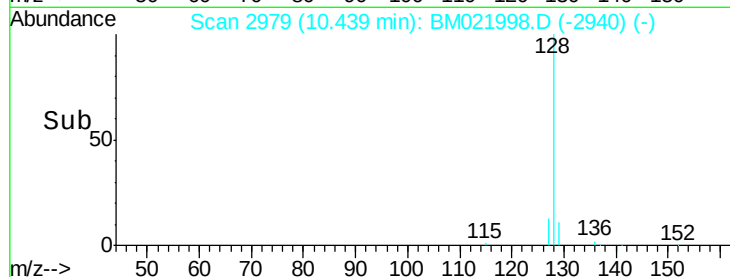
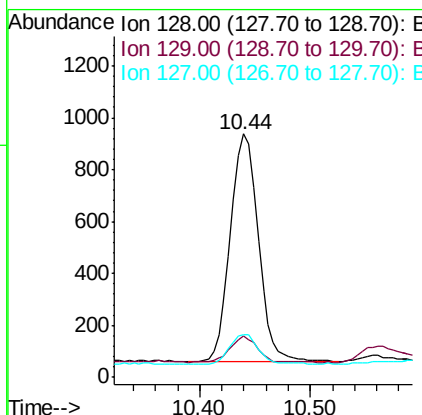
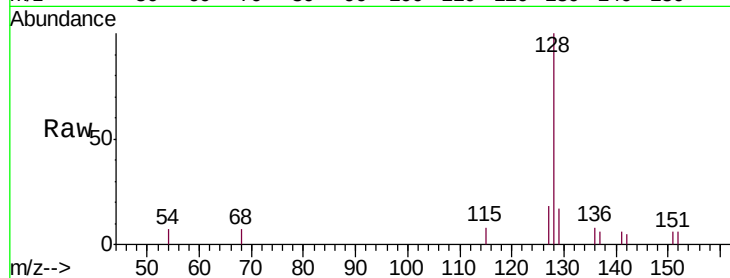
ClientSampleId :

BENW0

Tgt Ion:	128	Resp:	1545
Ion Ratio		Lower	Upper
128	100		
129	17.0	12.3	18.5
127	17.7	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.173 ng/ul

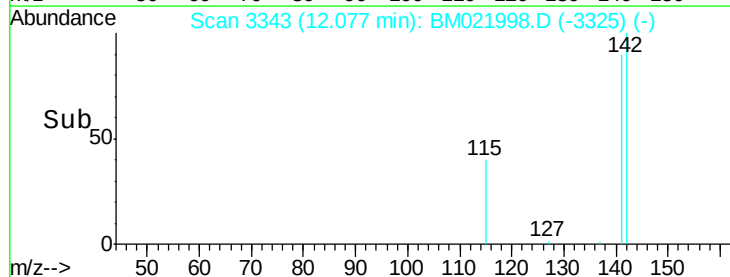
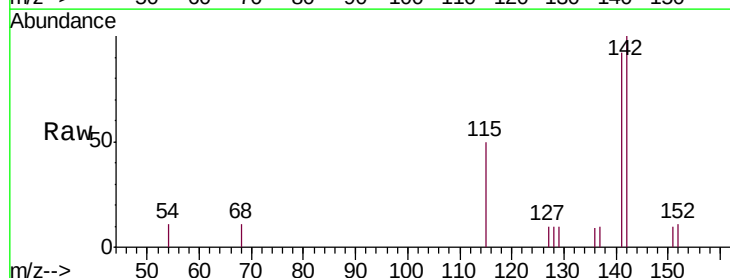
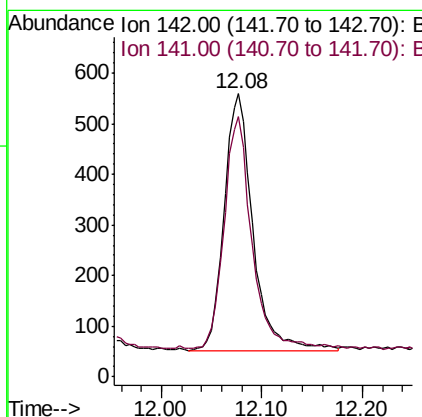
RT: 12.08 min Scan# 3343

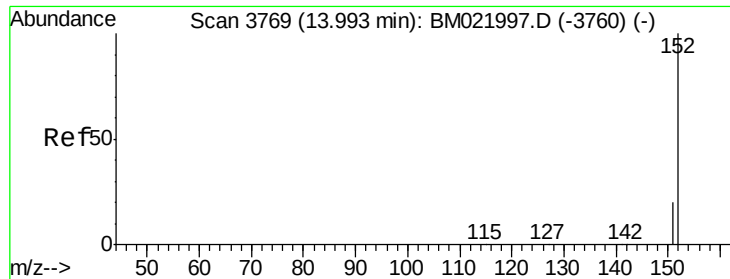
Delta R.T. -0.02 min

Lab File: BM021998.D

Acq: 10 Aug 2019 15:14

Tgt Ion:	142	Resp:	1018
Ion Ratio		Lower	Upper
142	100		
141	84.7	74.3	111.5





#7

Acenaphthylene

Concen: 0.697 ng/ul

RT: 13.99 min Scan# 3768

Delta R.T. -0.02 min

Lab File: BM021998.D

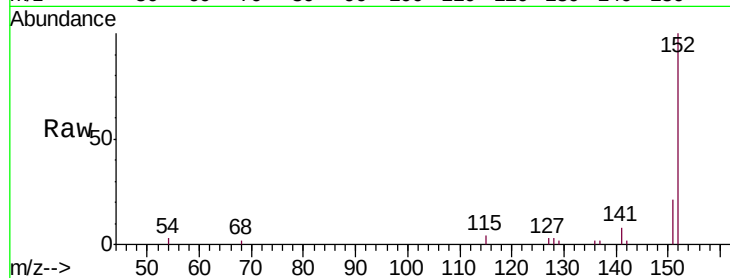
Acq: 10 Aug 2019 15:14

Instrument :

BNA_M

ClientSampleId :

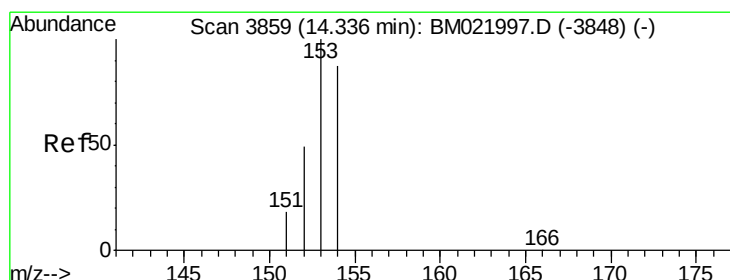
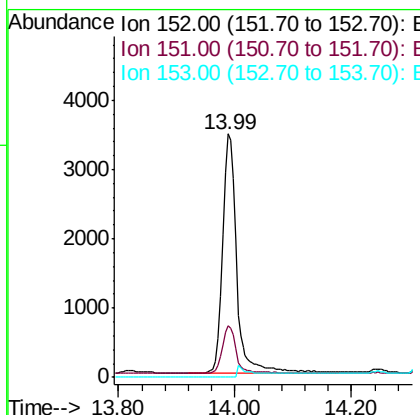
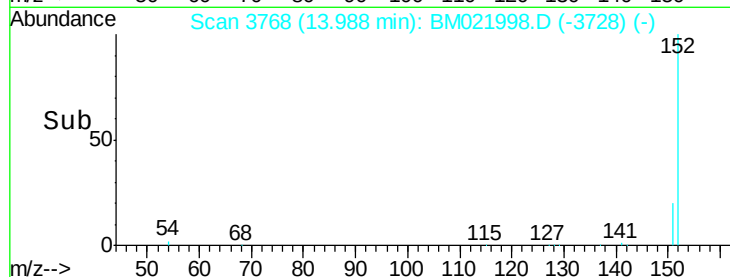
BENW0



Tgt Ion:	152	Resp:	5529
Ion Ratio	Lower	Upper	
152	100		
151	21.2	18.3	27.5
153	0.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.374 ng/ul

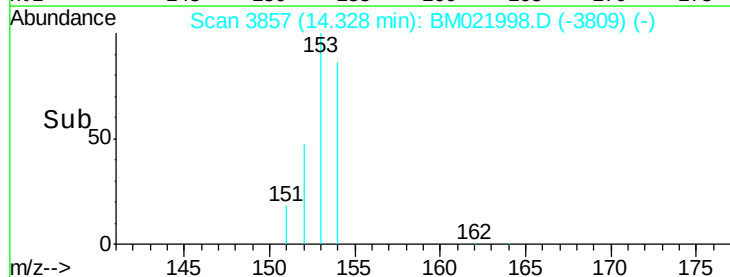
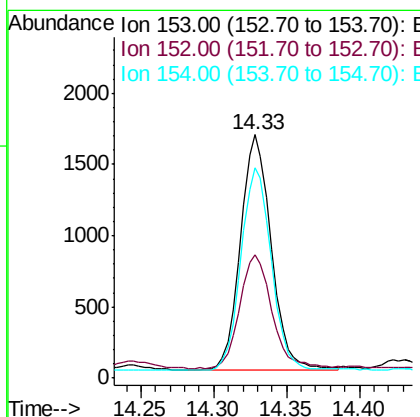
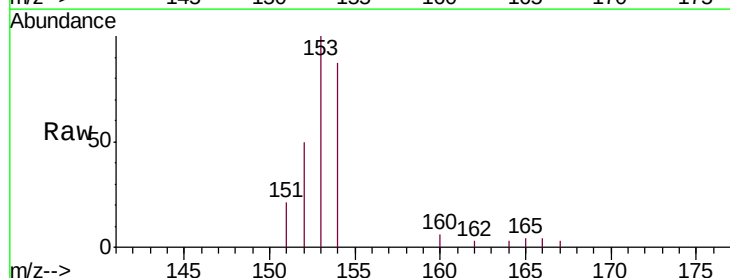
RT: 14.33 min Scan# 3857

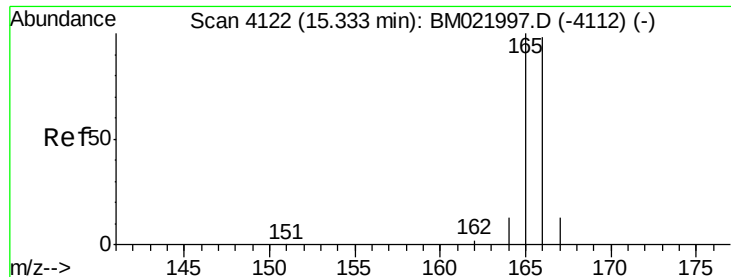
Delta R.T. -0.02 min

Lab File: BM021998.D

Acq: 10 Aug 2019 15:14

Tgt Ion:	153	Resp:	2426
Ion Ratio	Lower	Upper	
153	100		
152	50.4	41.3	61.9
154	86.5	72.3	108.5





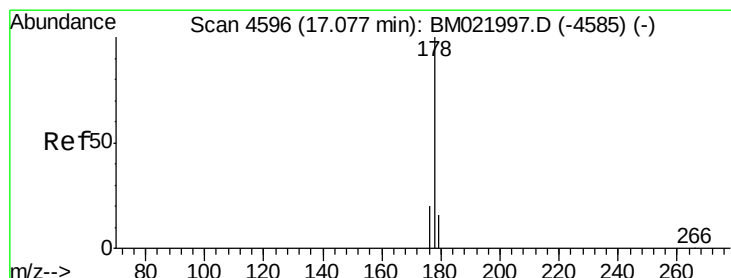
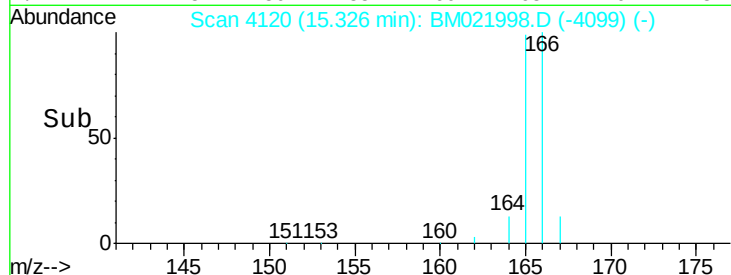
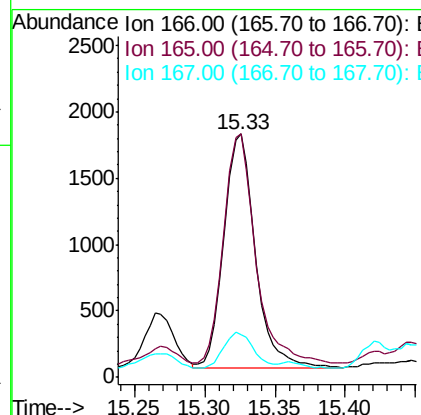
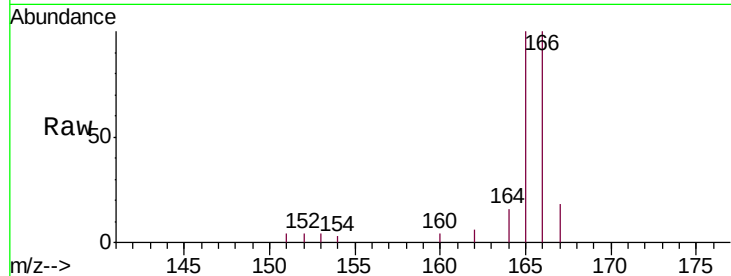
#9
Fluorene
 Concen: 0.379 ng/ul
 RT: 15.33 min Scan# 4120
 Delta R.T. -0.02 min
 Lab File: BM021998.D
 Acq: 10 Aug 2019 15:14

Instrument :
 BNA_M
 ClientSampled :
 BENW0

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	81.4	122.0
167	17.8	13.7	20.5

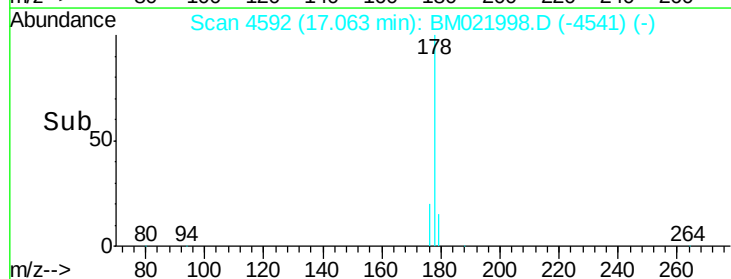
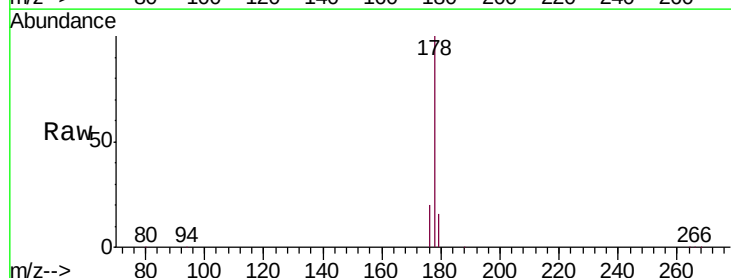
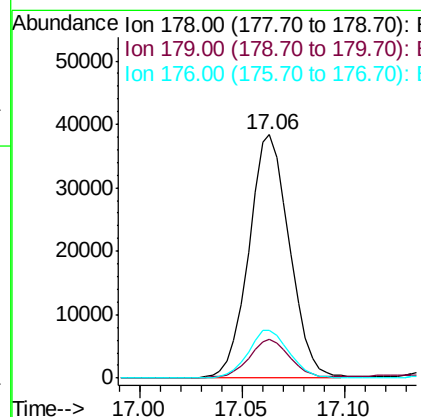
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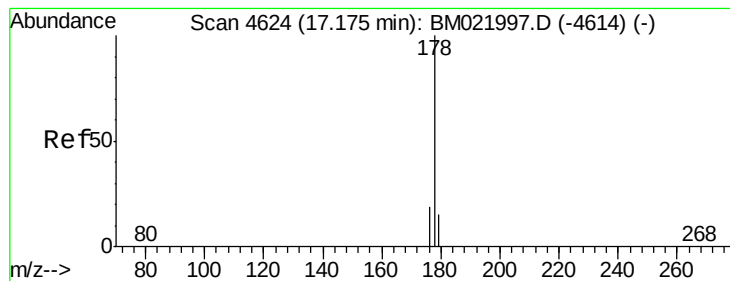
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#12
Phenanthrene
 Concen: 4.467 ng/ul m
 RT: 17.06 min Scan# 4592
 Delta R.T. -0.02 min
 Lab File: BM021998.D
 Acq: 10 Aug 2019 15:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	14.2	21.2
176	19.8	16.8	25.2





#13

Anthracene

Concen: 1.357 ng/ul m

RT: 17.16 min Scan# 4619

Delta R.T. -0.03 min

Lab File: BM021998.D

Acq: 10 Aug 2019 15:14

Instrument :

BNA_M

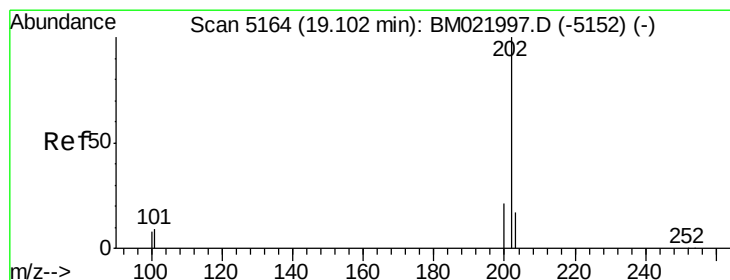
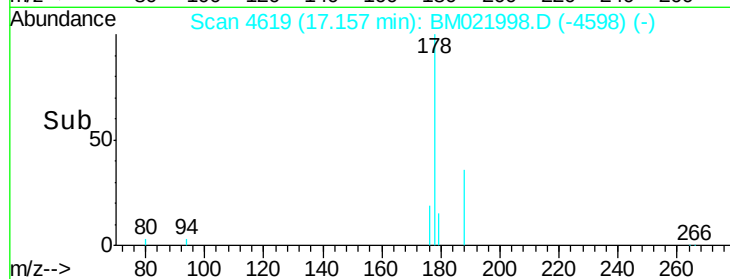
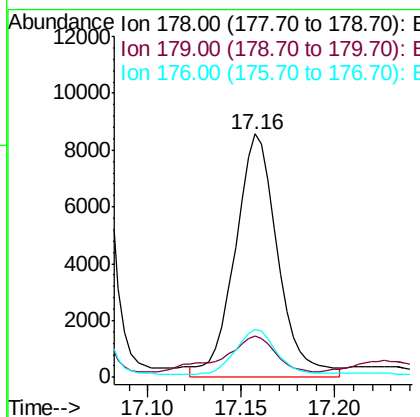
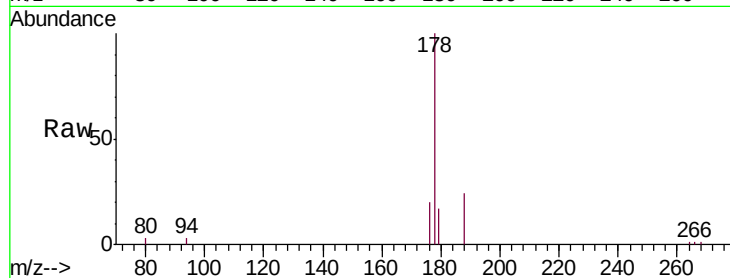
ClientSampleId :

BENW0

Tgt Ion:	178	Resp:	13679
Ion Ratio	Lower	Upper	
178	100		
179	16.8	15.5	23.3
176	19.7	16.6	25.0

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#15

Fluoranthene

Concen: 6.863 ng/ul m

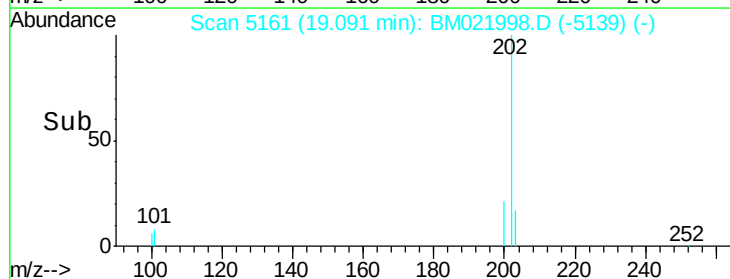
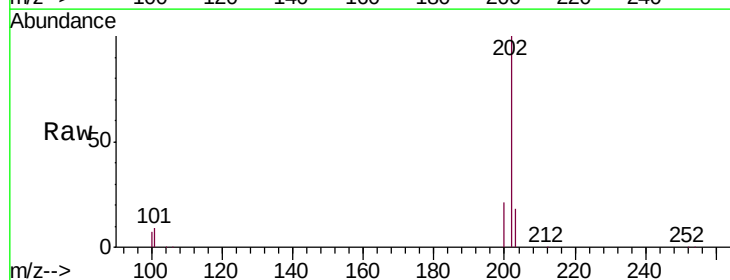
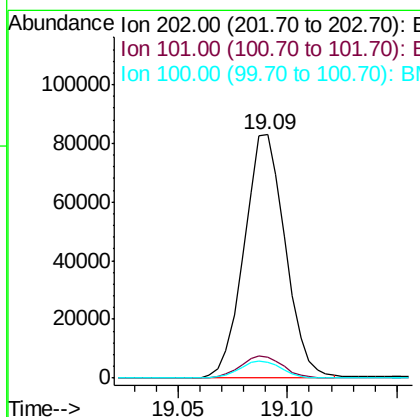
RT: 19.09 min Scan# 5161

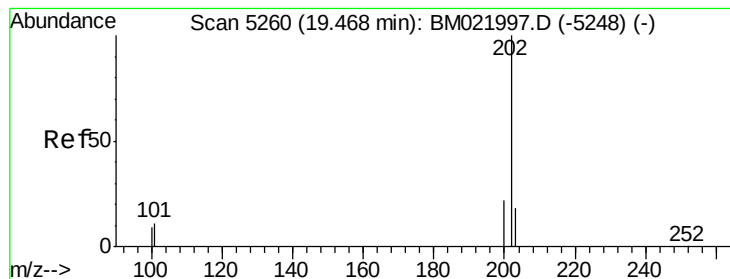
Delta R.T. -0.02 min

Lab File: BM021998.D

Acq: 10 Aug 2019 15:14

Tgt Ion:	202	Resp:	108636
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	30.2
100	6.5	0.0	28.1





#17

Pyrene

Concen: 6.717 ng/ul

RT: 19.46 min Scan# 5257

Delta R.T. -0.02 min

Lab File: BM021998.D

Acq: 10 Aug 2019 15:14

Instrument :

BNA_M

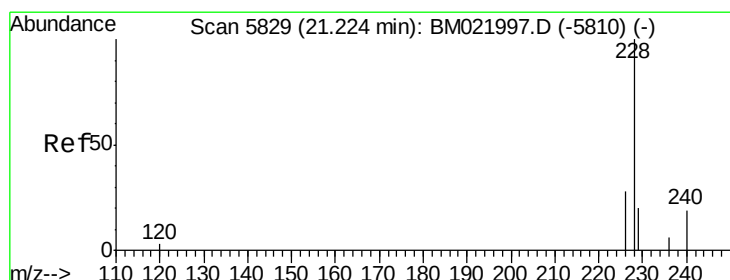
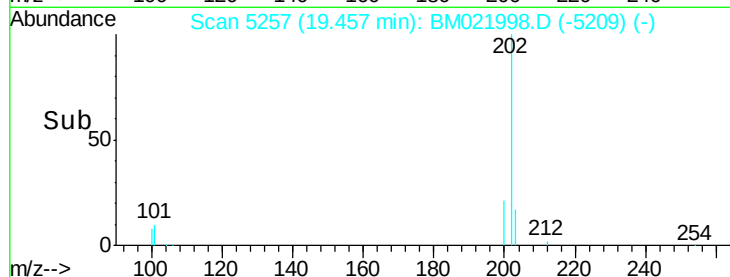
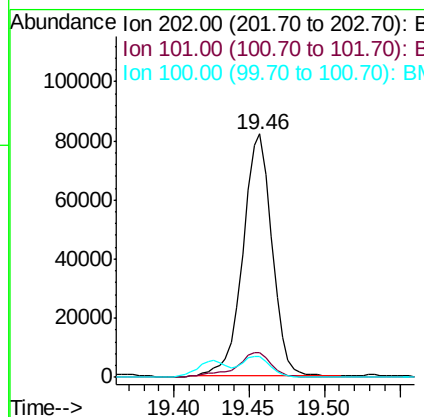
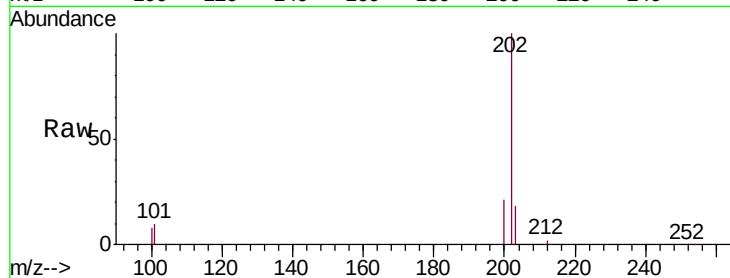
ClientSampled :

BENW0

Tgt Ion:	202	Resp:	109722
Ion Ratio	Lower	Upper	
202	100		
101	10.2	8.3	12.5
100	8.4	7.2	10.8

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#18

Benzo(a)anthracene

Concen: 4.609 ng/ul m

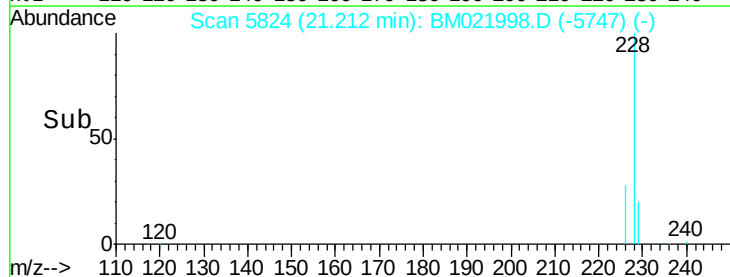
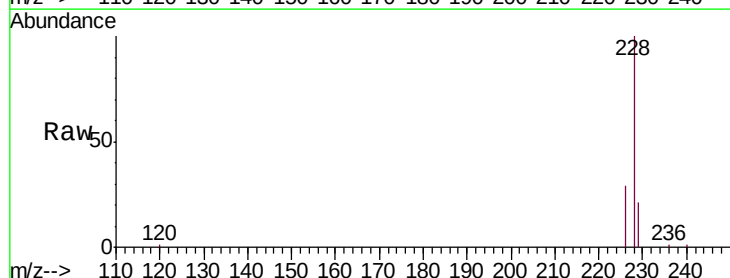
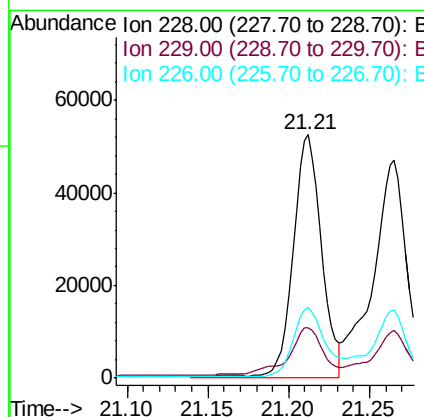
RT: 21.21 min Scan# 5824

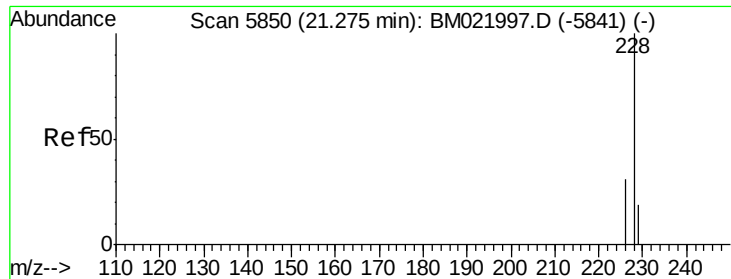
Delta R.T. -0.01 min

Lab File: BM021998.D

Acq: 10 Aug 2019 15:14

Tgt Ion:	228	Resp:	65534
Ion Ratio	Lower	Upper	
228	100		
229	20.7	17.2	25.8
226	28.9	22.6	34.0





#19

Chrysene

Concen: 3.676 ng/ul

RT: 21.27 min Scan# 5846

Delta R.T. -0.01 min

Lab File: BM021998.D

Acq: 10 Aug 2019 15:14

Instrument :

BNA_M

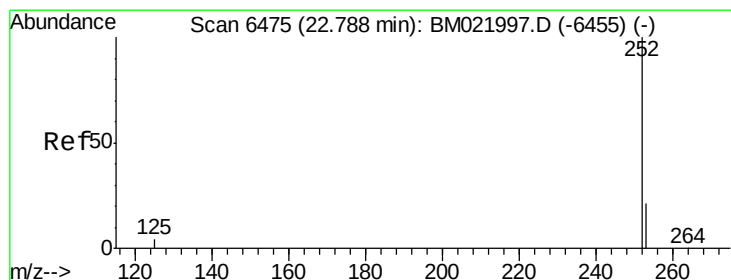
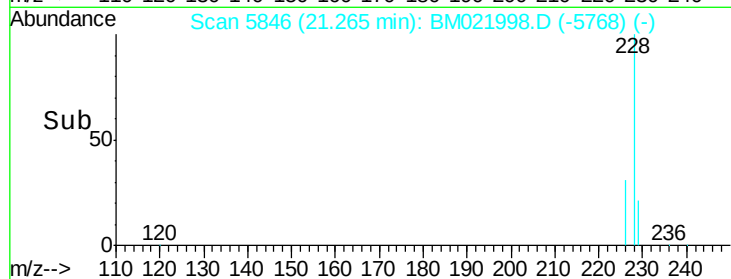
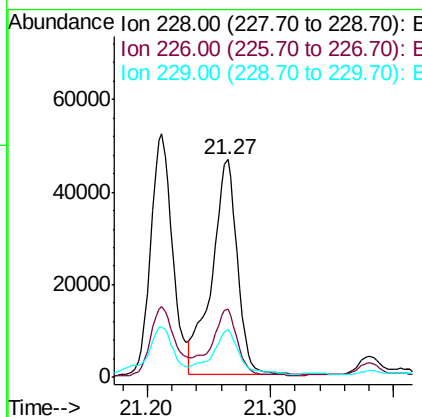
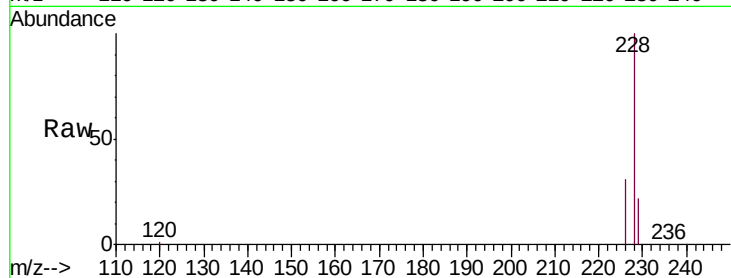
ClientSampleId :

BENW0

Tgt Ion:	228	Resp:	67215
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.9	37.3
229	21.8	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 6.247 ng/ul m

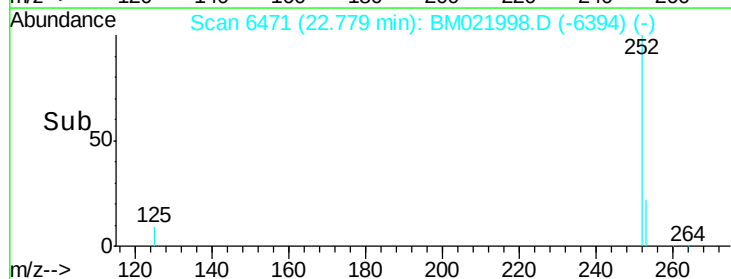
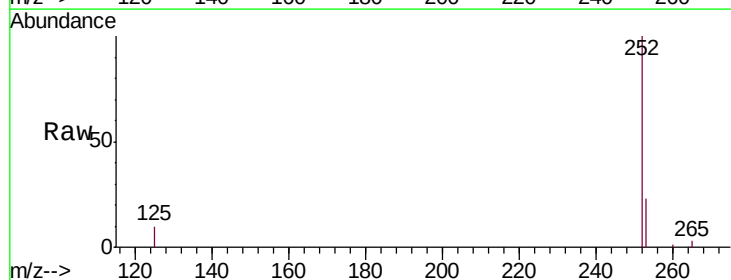
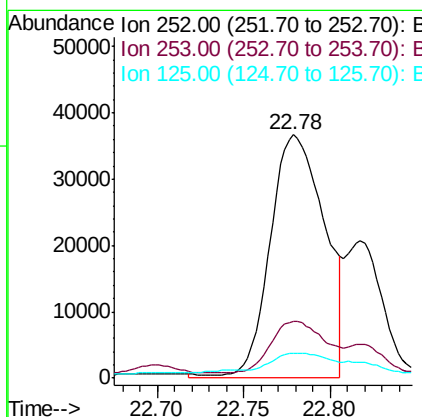
RT: 22.78 min Scan# 6471

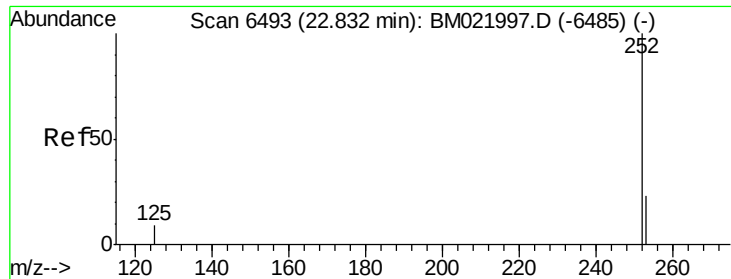
Delta R.T. -0.01 min

Lab File: BM021998.D

Acq: 10 Aug 2019 15:14

Tgt Ion:	252	Resp:	80553
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	67.4
125	10.3	0.0	31.0





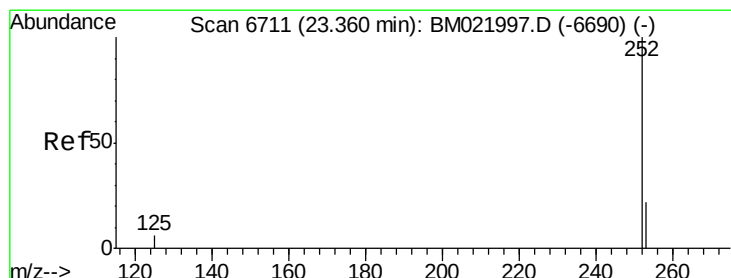
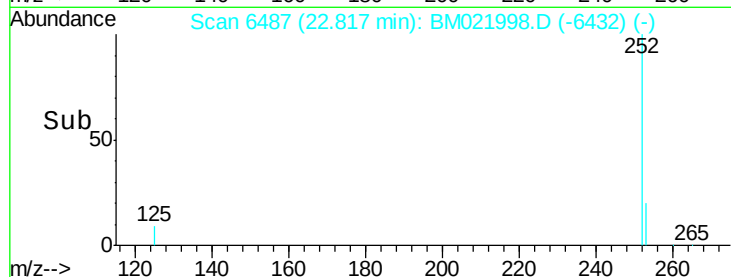
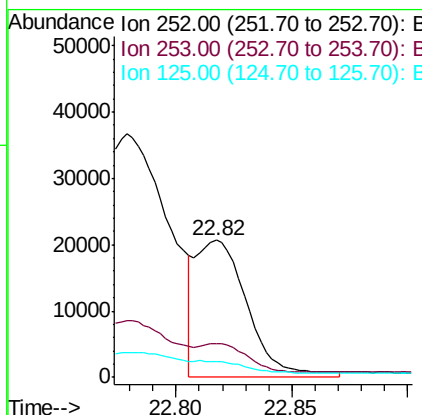
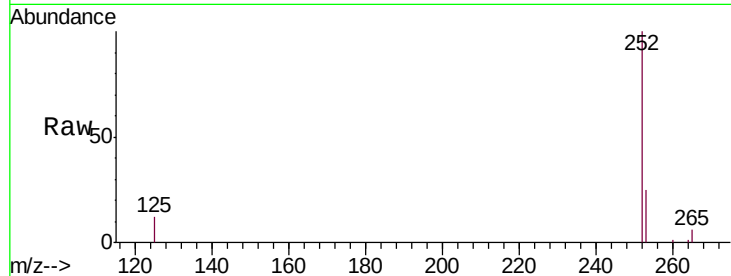
#22
Benzo(k)fluoranthene
Concen: 2.232 ng/ul m
RT: 22.82 min Scan# 6487
Delta R.T. -0.02 min
Lab File: BM021998.D
Acq: 10 Aug 2019 15:14

Instrument :
BNA_M
ClientSampled :
BENW0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	27.0	40.4#
125	11.8	12.2	18.2#

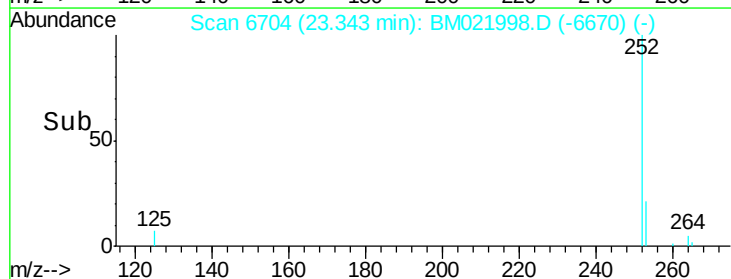
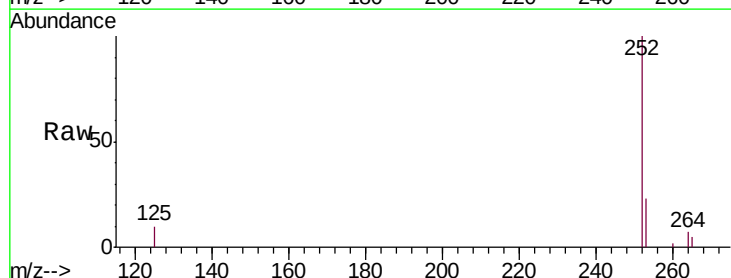
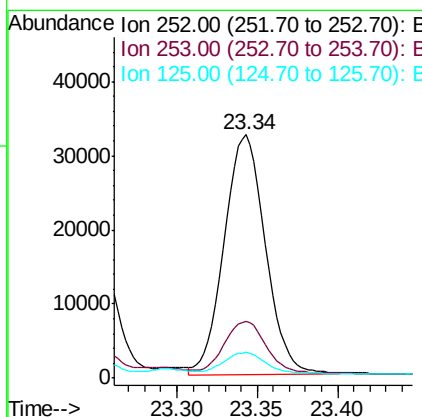
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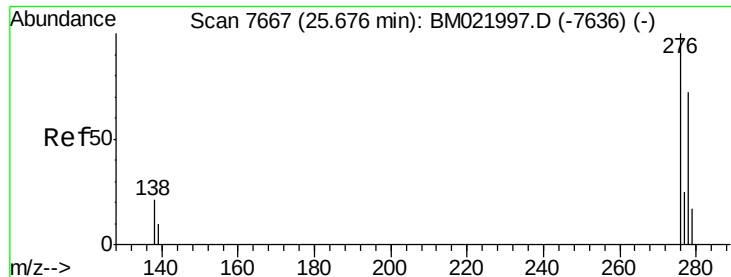
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#23
Benzo(a)pyrene
Concen: 4.467 ng/ul m
RT: 23.34 min Scan# 6704
Delta R.T. -0.02 min
Lab File: BM021998.D
Acq: 10 Aug 2019 15:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	31.7	47.5#
125	10.5	14.6	21.8#





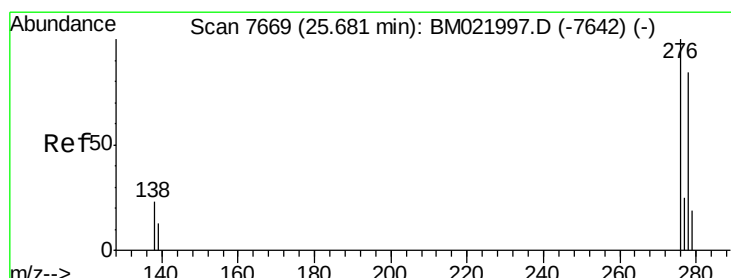
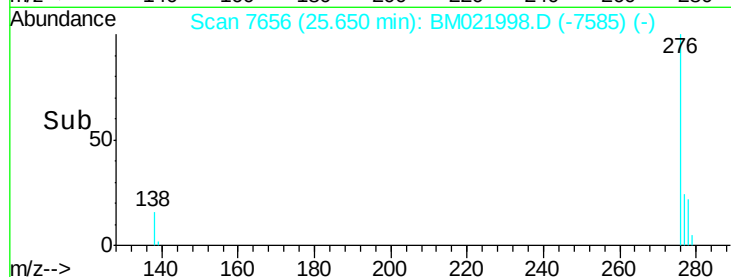
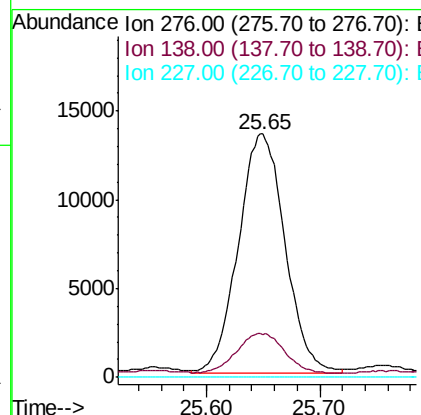
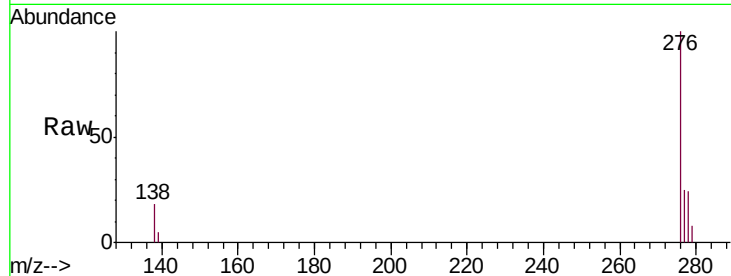
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.452 ng/ul m
 RT: 25.65 min Scan# 7656
 Delta R.T. -0.03 min
 Lab File: BM021998.D
 Acq: 10 Aug 2019 15:14

Instrument :
 BNA_M
 ClientSampleId :
 BENW0

Tgt Ion	Ratio	Lower	Upper
276	100		
138	2.7	15.1	22.7#
227	0.0	0.0	0.0

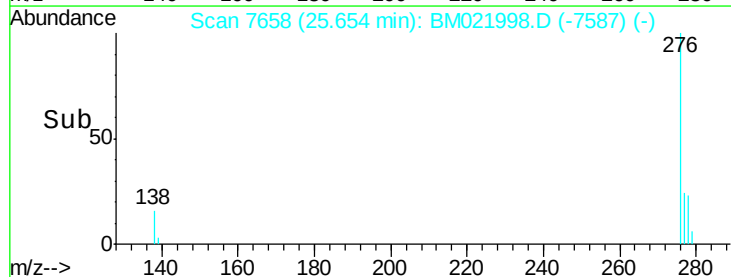
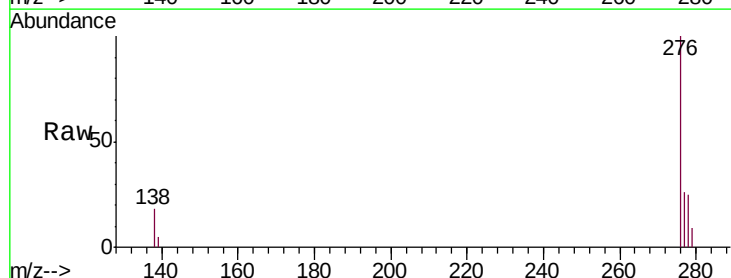
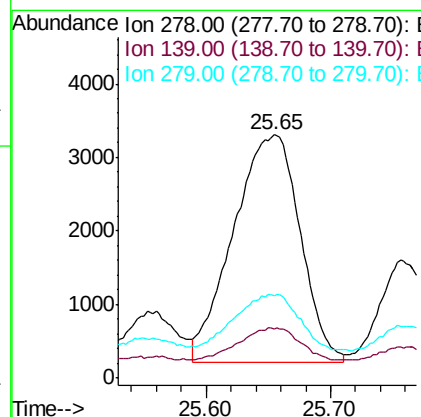
Manual Integrations
 APPROVED

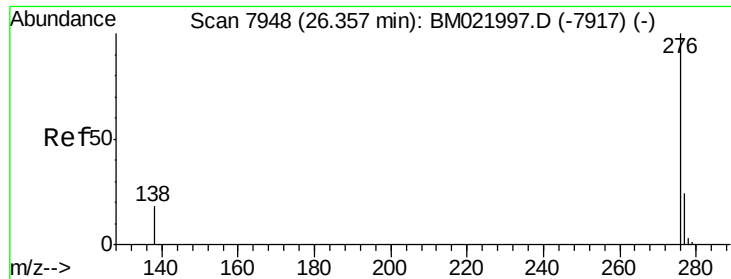
Sohil
 8/13/2019 8:47:06 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.907 ng/ul m
 RT: 25.65 min Scan# 7658
 Delta R.T. -0.03 min
 Lab File: BM021998.D
 Acq: 10 Aug 2019 15:14

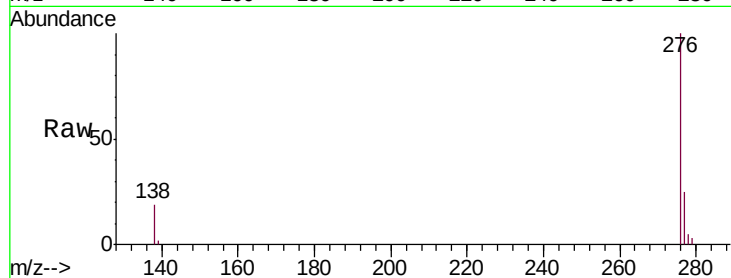
Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	14.2	21.2
279	33.8	28.3	42.5





#26
Benzo(g,h,i)perylene
Concen: 2.223 ng/ul m
RT: 26.33 min Scan# 7937
Delta R.T. -0.03 min
Lab File: BM021998.D
Acq: 10 Aug 2019 15:14

Instrument :
BNA_M
ClientSampleId :
BENW0



Tgt	Ion	Ratio	Lower	Upper
276	276	100		
138	138	18.7	15.5	23.3
277	277	25.4	21.4	32.2

Manual Integrations
APPROVED

Sohil
8/13/2019 8:47:06 AM

