

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Data File : BM021835.D
 Acq On : 05 Aug 2019 08:44
 Operator : HP/JU
 Sample : K3850-06
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENP5

Manual Integrations
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mohammad
 8/5/2019 10:17:00 PM

Quant Time: Aug 05 13:34:57 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 05 08:19:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	969	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	3993	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2438	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	5976m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.25	240	5893m	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	9563	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1285	0.20	ng/ul	-0.03
14) Fluoranthene-d10	19.08	212	4572m	0.23	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	24989	2.216	ng/ul#	92
5) 2-Methylnaphthalene	12.09	142	16703	2.223	ng/ul	96
7) Acenaphthylene	14.01	152	18007	1.584	ng/ul	97
8) Acenaphthene	14.35	153	33609	3.613	ng/ul	96
9) Fluorene	15.34	166	36456	3.528	ng/ul	98
12) Phenanthrene	17.08	178	656676m	37.765	ng/ul	
13) Anthracene	17.17	178	164519m	11.092	ng/ul	
15) Fluoranthene	19.11	202	1360639m	58.415	ng/ul	
17) Pyrene	19.48	202	1898593	78.402	ng/ul#	91
18) Benzo(a)anthracene	21.23	228	1131003m	53.656	ng/ul	
19) Chrysene	21.28	228	1205685	44.475	ng/ul	99
21) Benzo(b)fluoranthene	22.80	252	1145746m	35.529	ng/ul	
22) Benzo(k)fluoranthene	22.84	252	415408m	11.383	ng/ul	
23) Benzo(a)pyrene	23.37	252	964659	29.415	ng/ul#	73
24) Indeno(1,2,3-cd)pyrene	25.69	276	539374	13.774	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.69	278	182787m	5.775	ng/ul	
26) Benzo(g,h,i)perylene	26.37	276	579637	16.442	ng/ul#	92

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

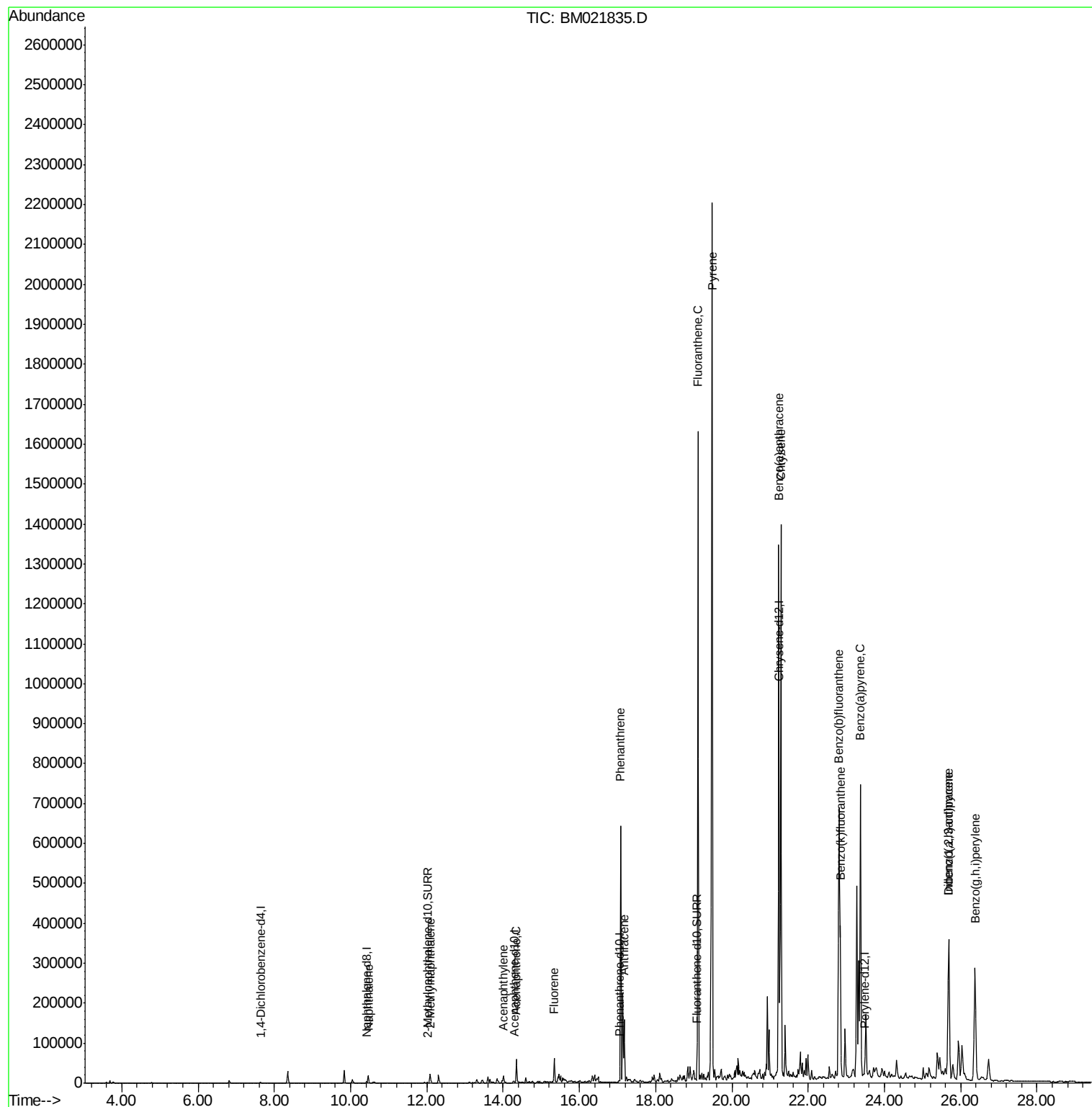
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
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ALS Vial : 78 Sample Multiplier: 1

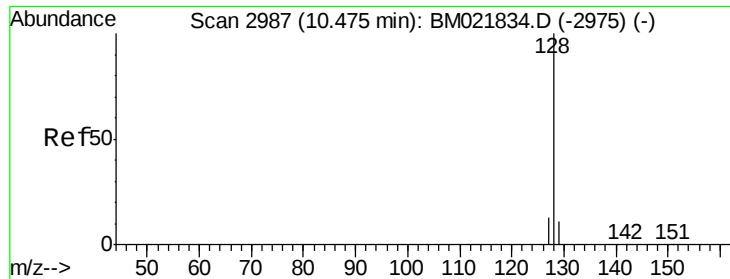
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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#3

Naphthalene

Concen: 2.216 ng/ul

RT: 10.46 min Scan# 2984

Delta R.T. -0.02 min

Lab File: BM021835.D

Acq: 05 Aug 2019 08:44

Instrument :

BNA_M

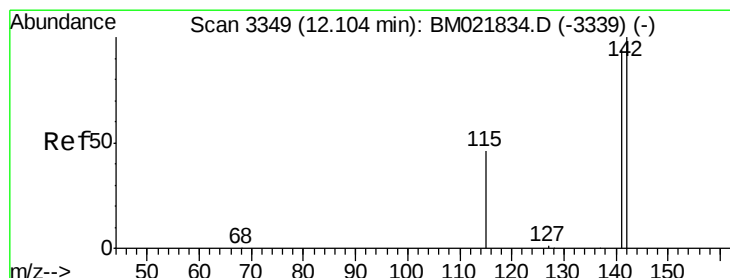
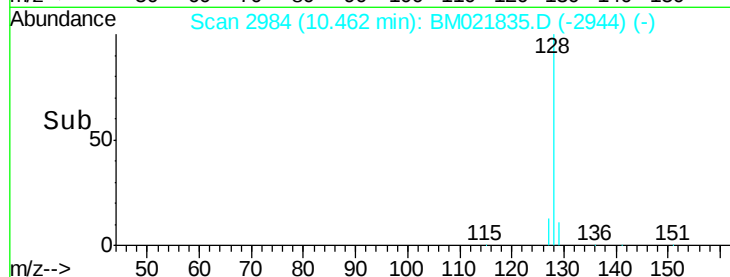
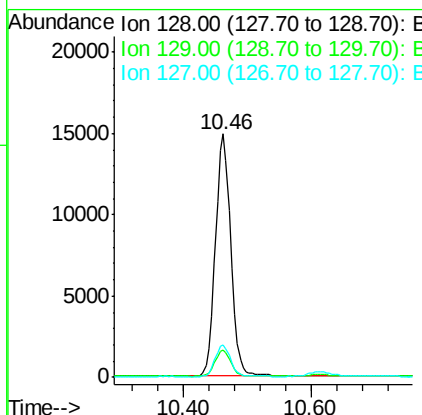
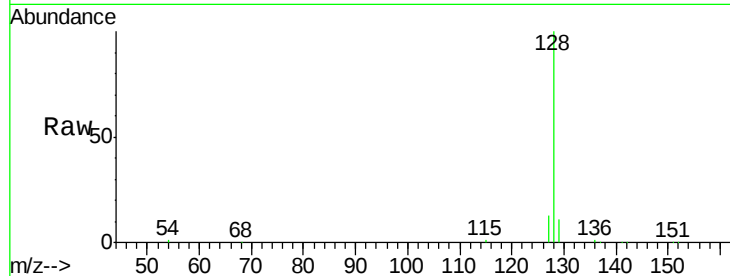
ClientSampleId :

BENP5

Tgt Ion:	128	Resp:	24989
Ion Ratio	Lower	Upper	
128	100		
129	11.3	12.3	18.5#
127	13.4	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 2.223 ng/ul

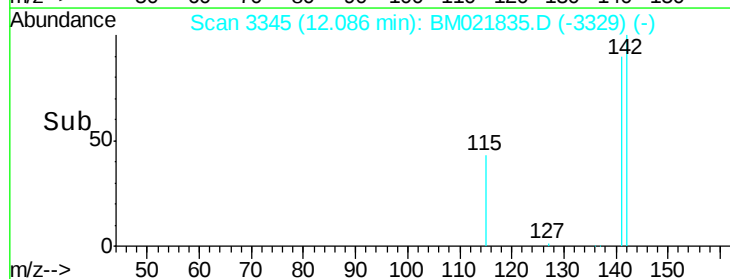
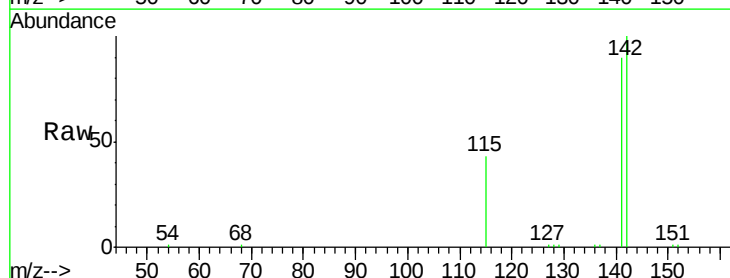
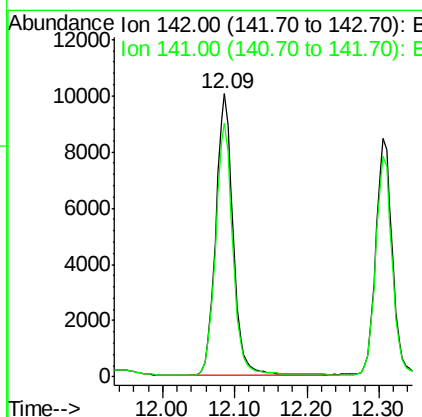
RT: 12.09 min Scan# 3345

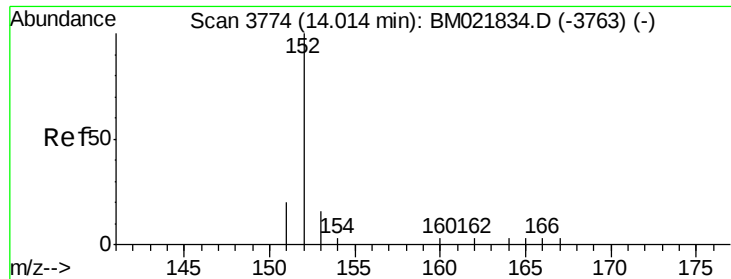
Delta R.T. -0.03 min

Lab File: BM021835.D

Acq: 05 Aug 2019 08:44

Tgt Ion:	142	Resp:	16703
Ion Ratio	Lower	Upper	
142	100		
141	89.3	74.3	111.5





#7

Acenaphthylene

Concen: 1.584 ng/ul

RT: 14.01 min Scan# 3772

Delta R.T. -0.01 min

Lab File: BM021835.D

Acq: 05 Aug 2019 08:44

Instrument :

BNA_M

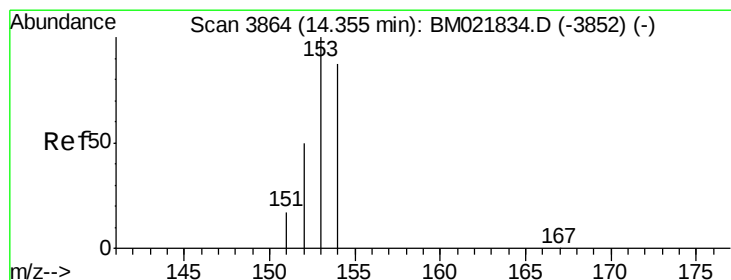
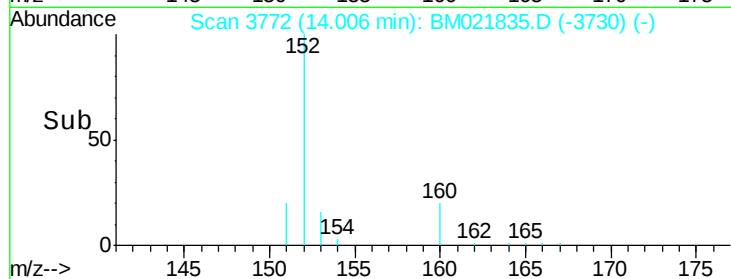
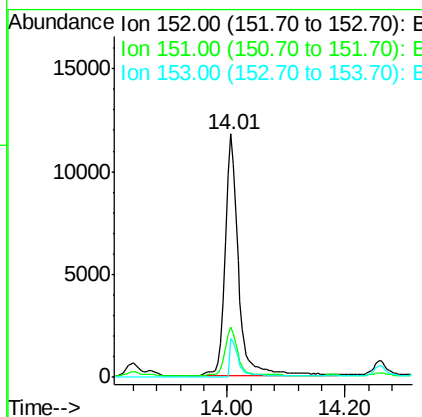
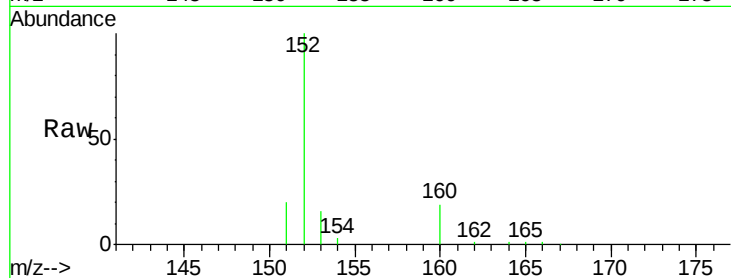
ClientSampleId :

BENP5

Tgt Ion:	152	Resp:	18007
Ion Ratio	Lower	Upper	
152	100		
151	20.5	18.3	27.5
153	16.2	12.8	19.2

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#8

Acenaphthene

Concen: 3.613 ng/ul

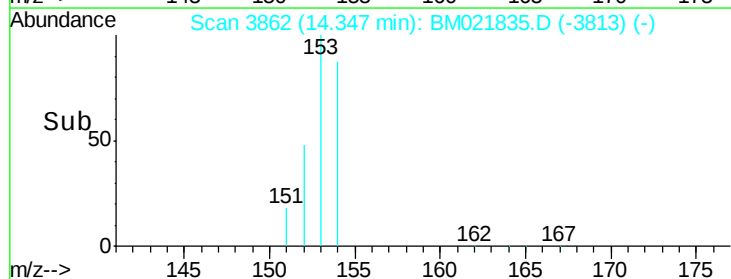
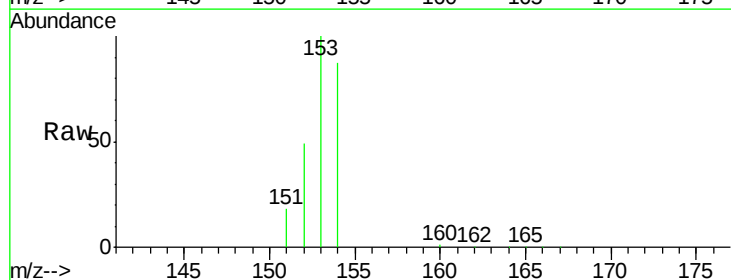
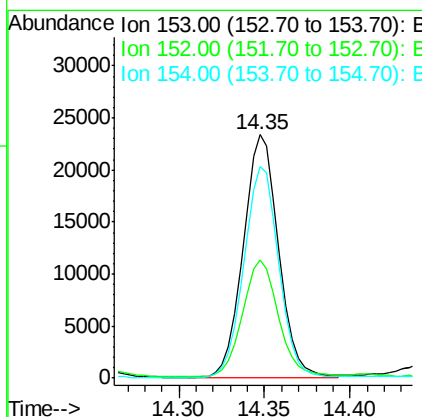
RT: 14.35 min Scan# 3862

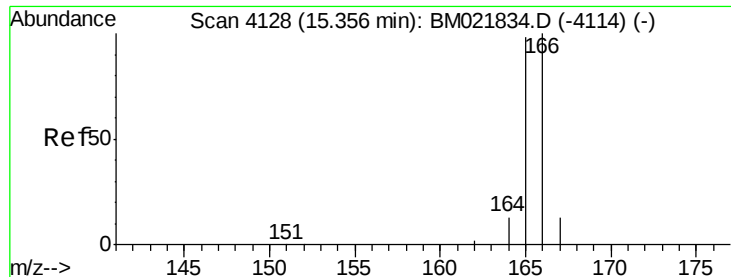
Delta R.T. -0.01 min

Lab File: BM021835.D

Acq: 05 Aug 2019 08:44

Tgt Ion:	153	Resp:	33609
Ion Ratio	Lower	Upper	
153	100		
152	48.7	41.3	61.9
154	87.1	72.3	108.5





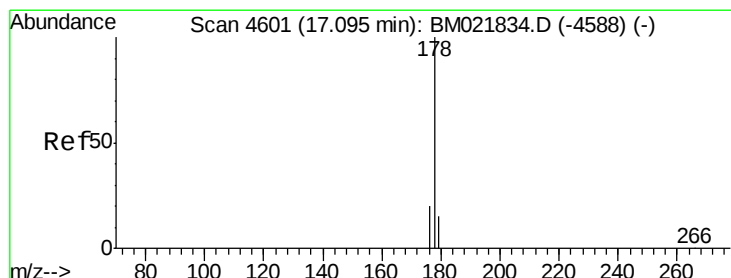
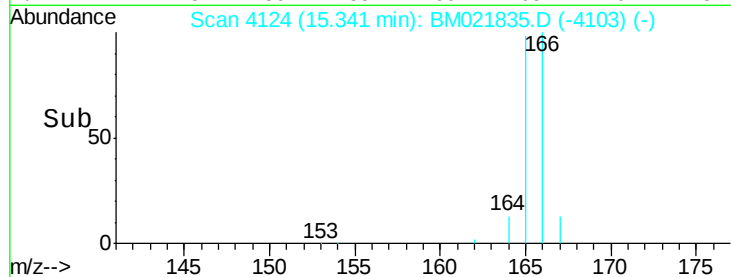
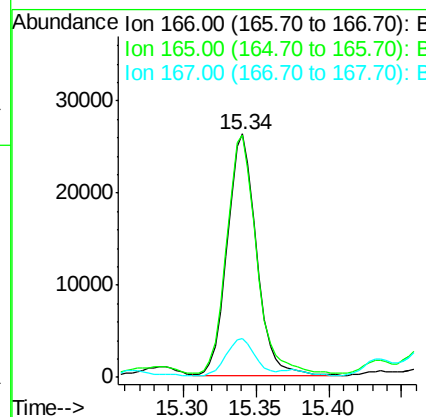
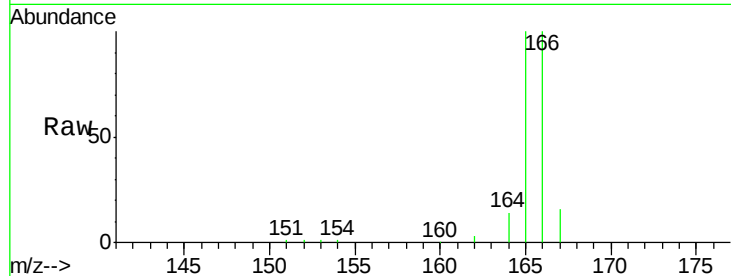
#9
Fluorene
 Concen: 3.528 ng/ul
 RT: 15.34 min Scan# 4124
 Delta R.T. -0.02 min
 Lab File: BM021835.D
 Acq: 05 Aug 2019 08:44

Instrument :
 BNA_M
 ClientSampleId :
 BENP5

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	81.4	122.0
167	15.8	13.7	20.5

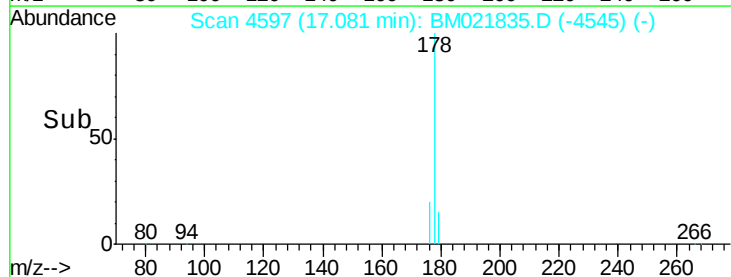
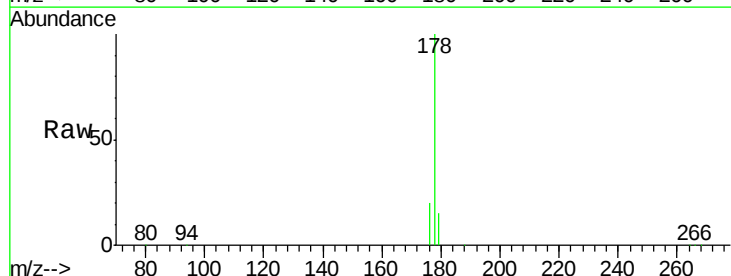
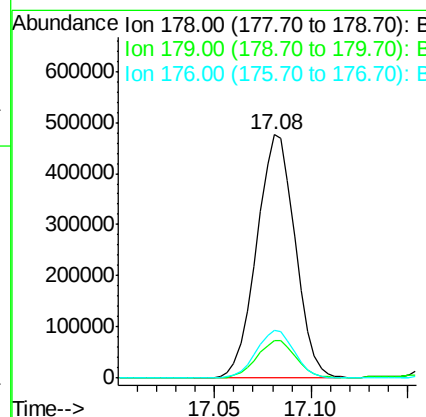
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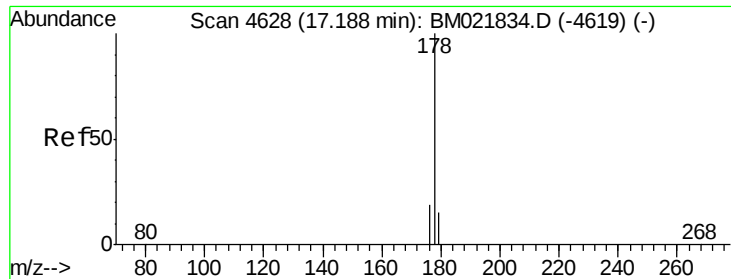
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#12
Phenanthrene
 Concen: 37.765 ng/ul m
 RT: 17.08 min Scan# 4597
 Delta R.T. -0.02 min
 Lab File: BM021835.D
 Acq: 05 Aug 2019 08:44

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	14.2	21.2
176	19.6	16.8	25.2





#13

Anthracene

Concen: 11.092 ng/ul m

RT: 17.17 min Scan# 4624

Delta R.T. -0.03 min

Lab File: BM021835.D

Acq: 05 Aug 2019 08:44

Instrument :

BNA_M

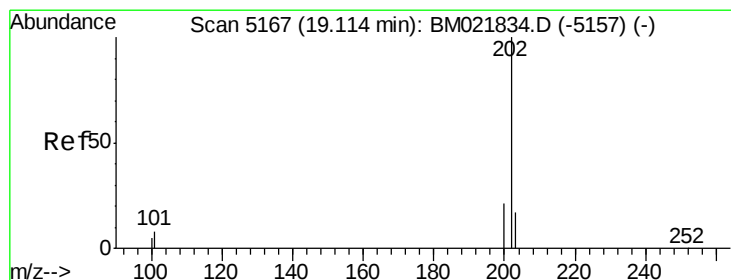
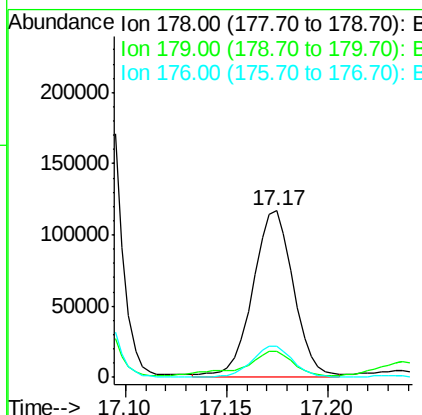
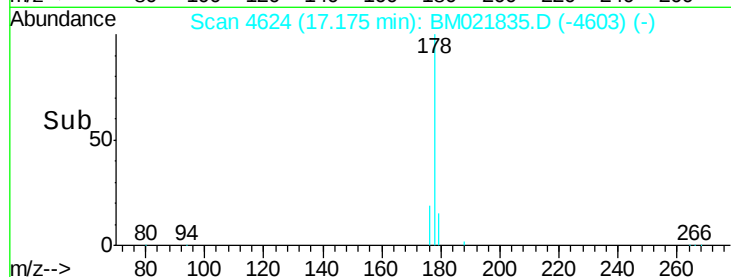
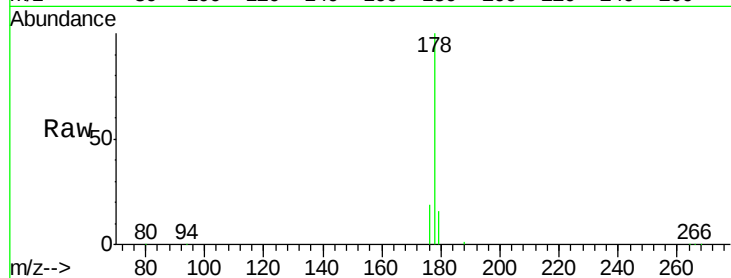
ClientSampleId :

BENP5

Tgt Ion:	178	Resp:	164519
Ion Ratio	Lower	Upper	
178	100		
179	15.8	15.5	23.3
176	18.8	16.6	25.0

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#15

Fluoranthene

Concen: 58.415 ng/ul m

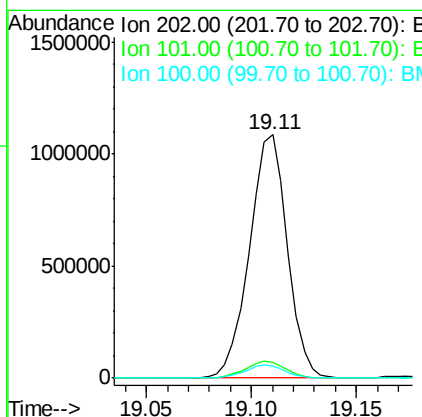
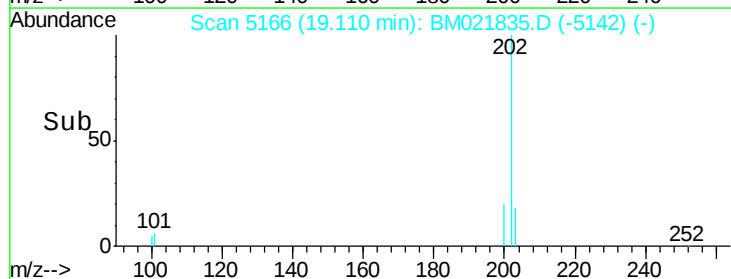
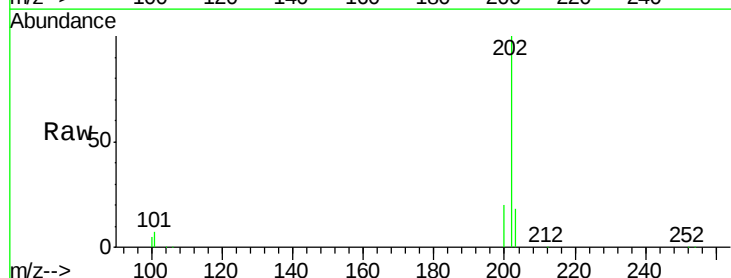
RT: 19.11 min Scan# 5166

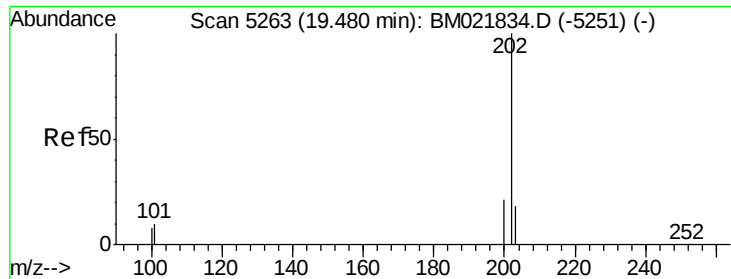
Delta R.T. -0.01 min

Lab File: BM021835.D

Acq: 05 Aug 2019 08:44

Tgt Ion:	202	Resp:	1360639
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	30.2
100	5.1	0.0	28.1





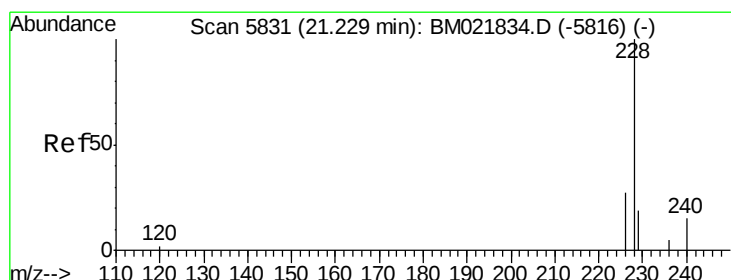
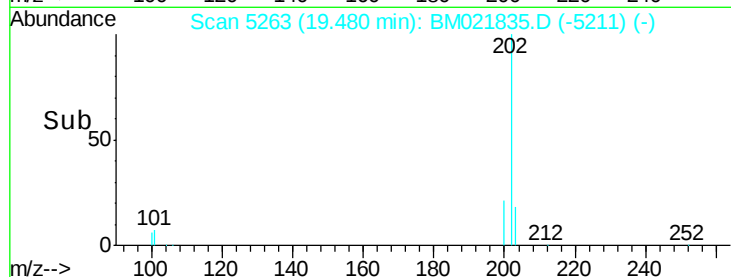
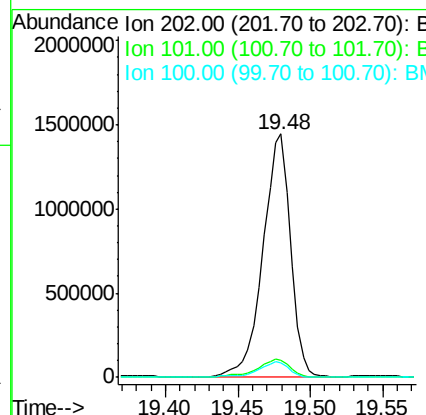
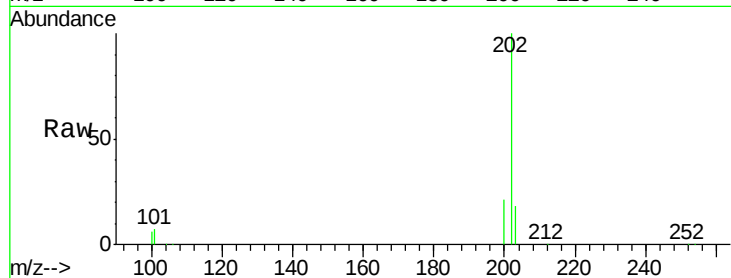
#17
 Pyrene
 Concen: 78.402 ng/ul
 RT: 19.48 min Scan# 5263
 Delta R.T. -0.00 min
 Lab File: BM021835.D
 Acq: 05 Aug 2019 08:44

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.1	8.3	12.5#
100	5.8	7.2	10.8#

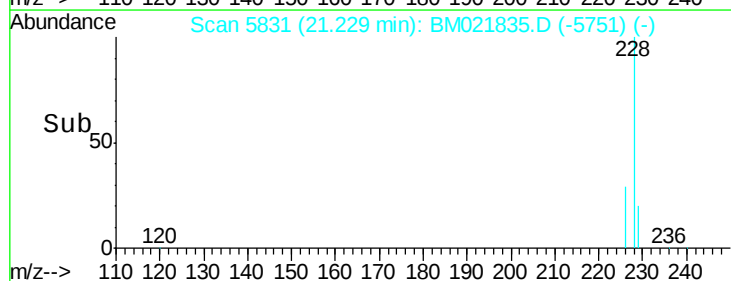
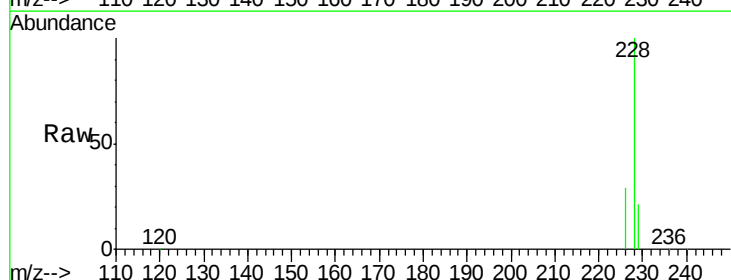
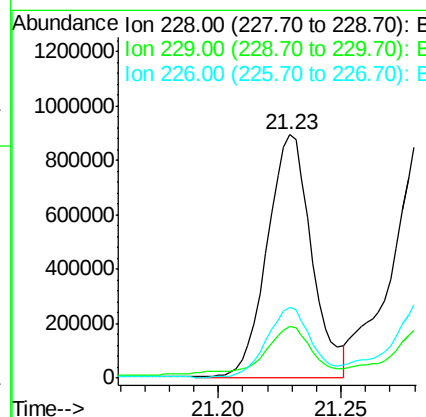
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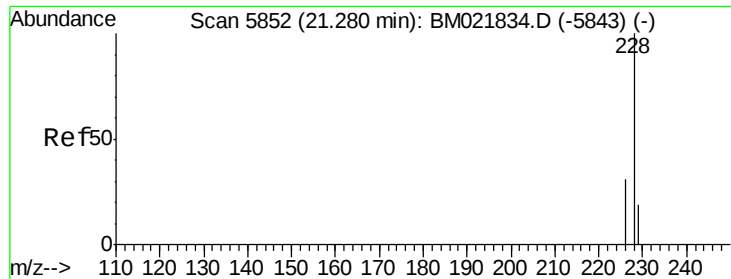
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#18
 Benzo(a)anthracene
 Concen: 53.656 ng/ul m
 RT: 21.23 min Scan# 5831
 Delta R.T. -0.01 min
 Lab File: BM021835.D
 Acq: 05 Aug 2019 08:44

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	17.2	25.8
226	29.1	22.6	34.0





#19

Chrysene

Concen: 44.475 ng/ul

RT: 21.28 min Scan# 5853

Delta R.T. -0.00 min

Lab File: BM021835.D

Acq: 05 Aug 2019 08:44

Instrument :

BNA_M

ClientSampleId :

BENP5

Tgt Ion:228 Resp: 1205685

Ion Ratio Lower Upper

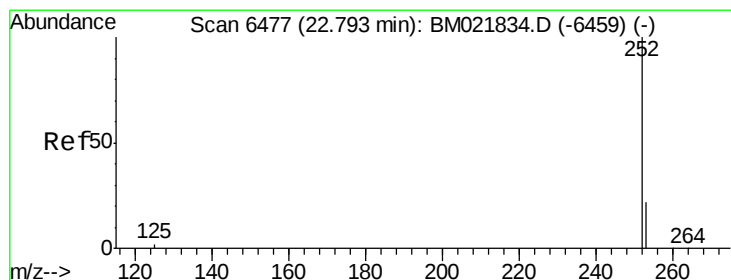
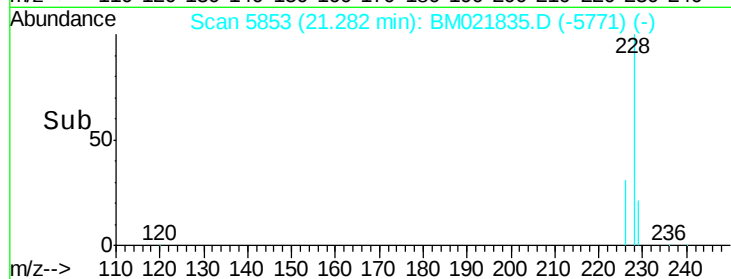
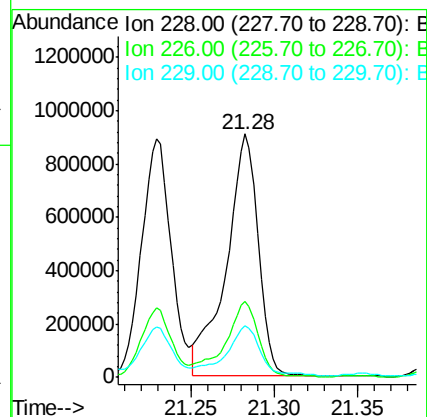
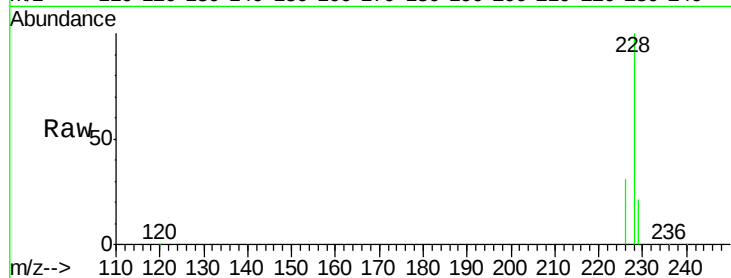
228 100

226 31.3 24.9 37.3

229 21.3 16.6 25.0

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#21

Benzo(b)fluoranthene

Concen: 35.529 ng/ul m

RT: 22.80 min Scan# 6481

Delta R.T. 0.00 min

Lab File: BM021835.D

Acq: 05 Aug 2019 08:44

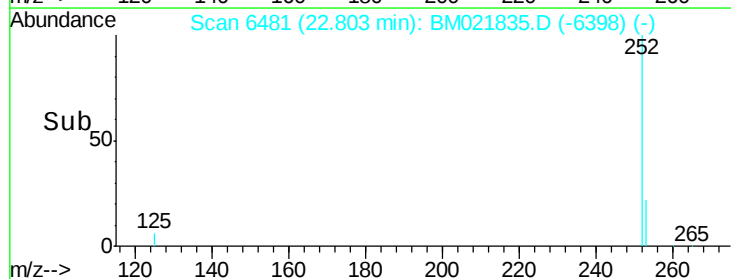
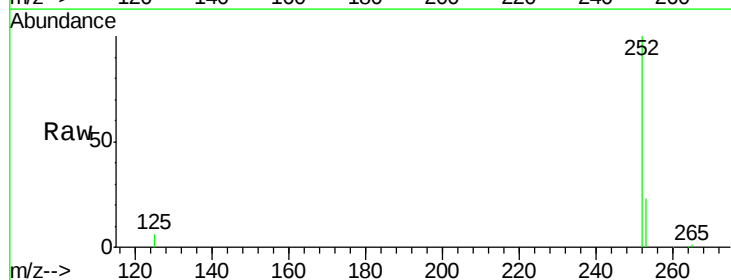
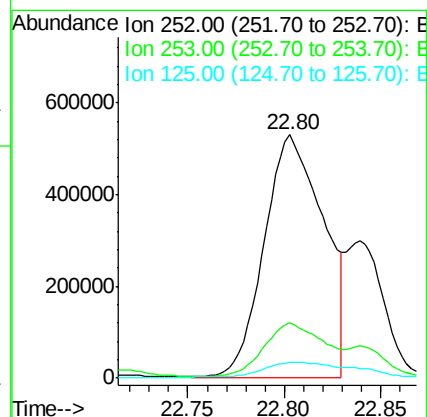
Tgt Ion:252 Resp: 1145746

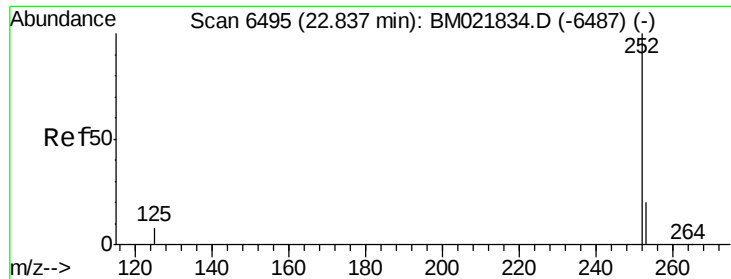
Ion Ratio Lower Upper

252 100

253 22.6 0.0 67.4

125 6.4 0.0 31.0





#22

Benzo(k)fluoranthene

Concen: 11.383 ng/ul m

RT: 22.84 min Scan# 6496

Delta R.T. -0.01 min

Lab File: BM021835.D

Acq: 05 Aug 2019 08:44

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:252 Resp: 415408
Ion Ratio Lower Upper

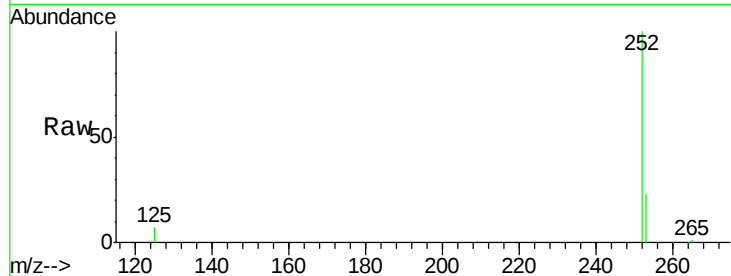
252 100

253 23.2 27.0 40.4#

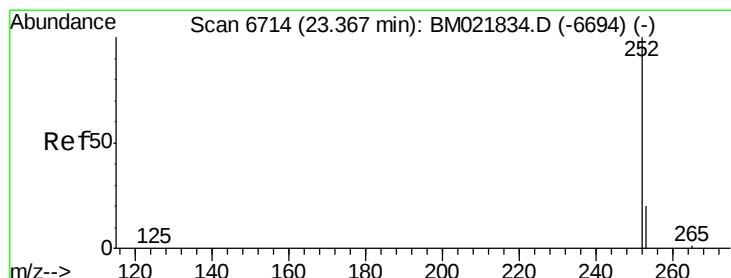
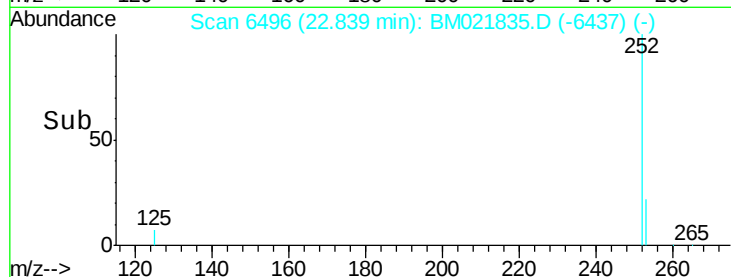
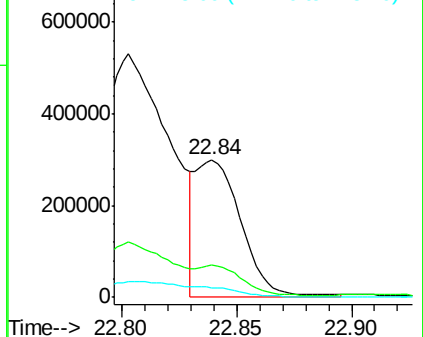
125 7.2 12.2 18.2#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 29.415 ng/ul

RT: 23.37 min Scan# 6715

Delta R.T. -0.01 min

Lab File: BM021835.D

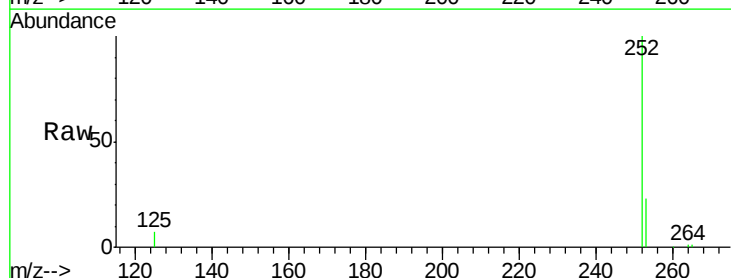
Acq: 05 Aug 2019 08:44

Tgt Ion:252 Resp: 964659
Ion Ratio Lower Upper

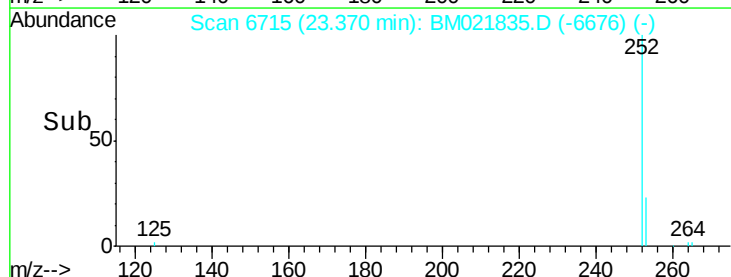
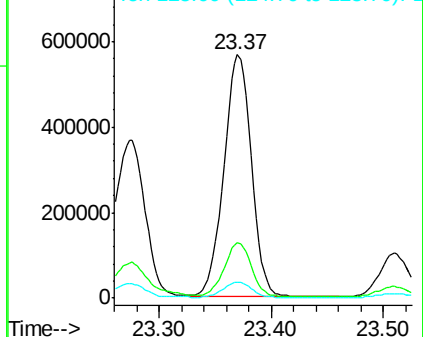
252 100

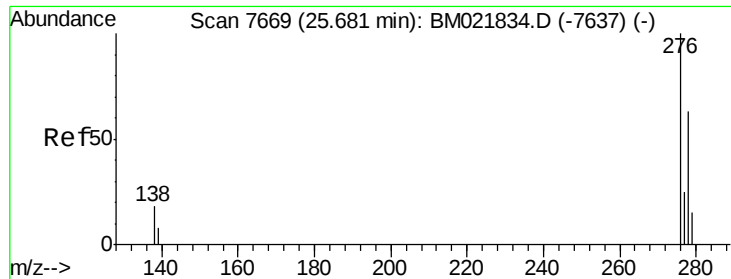
253 22.6 31.7 47.5#

125 6.6 14.6 21.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





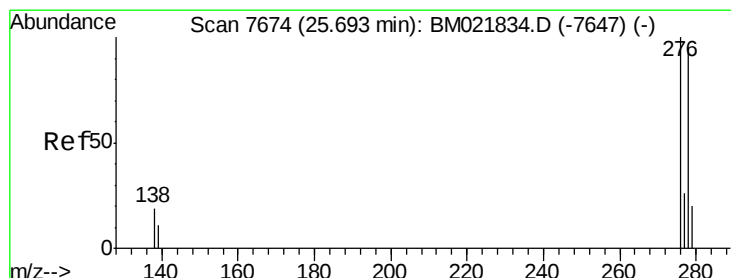
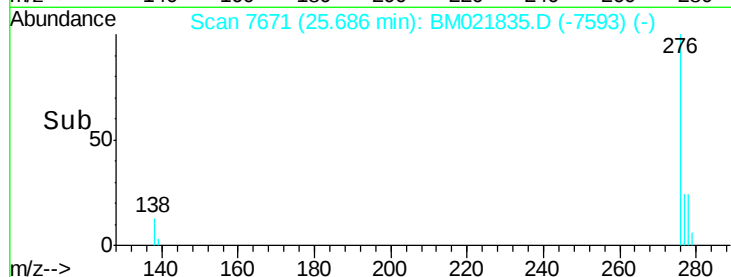
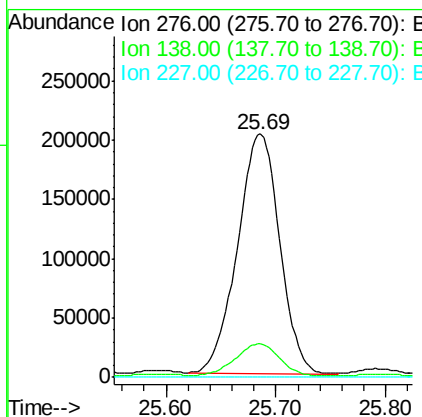
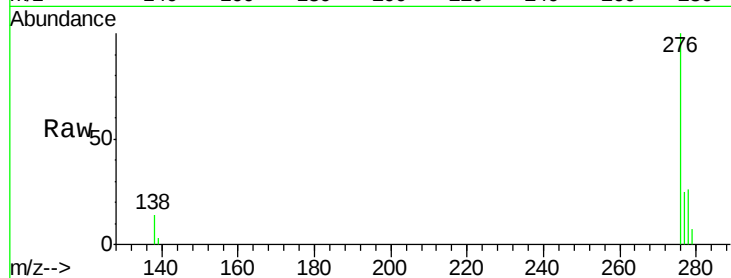
#24
Indeno(1,2,3-cd)pyrene
Concen: 13.774 ng/ul
RT: 25.69 min Scan# 7671
Delta R.T. -0.01 min
Lab File: BM021835.D
Acq: 05 Aug 2019 08:44

Instrument :
BNA_M
ClientSampleId :
BENP5

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	539374		
138	14.0	15.1	22.7#	
227	0.0	0.0	0.0	

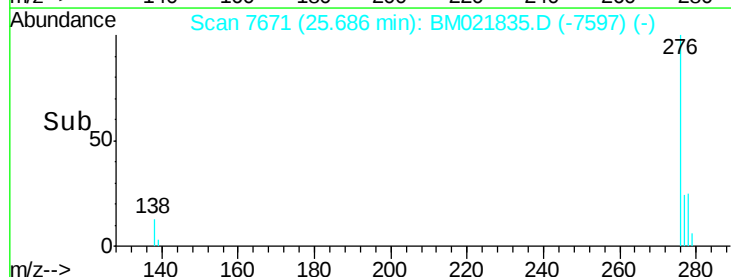
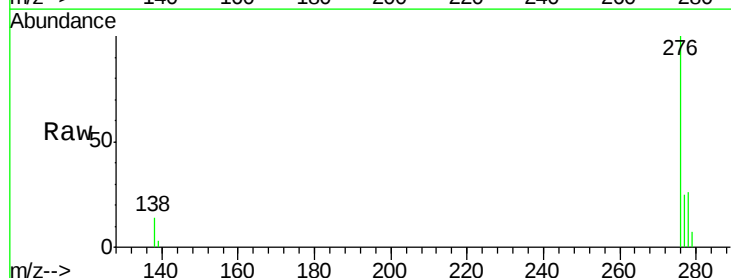
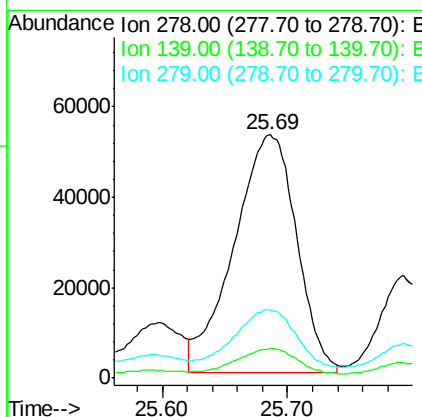
Manual Integrations
APPROVED

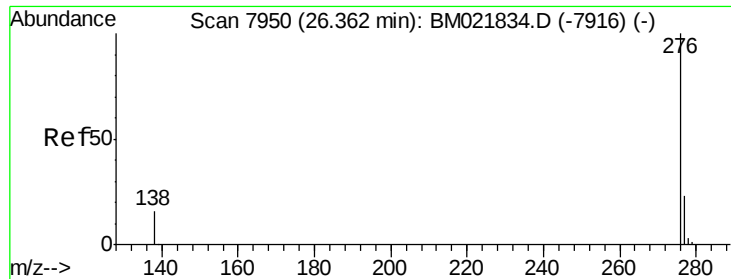
mohammad
8/5/2019 10:17:00 PM



#25
Dibenzo(a,h)anthracene
Concen: 5.775 ng/ul m
RT: 25.69 min Scan# 7671
Delta R.T. -0.02 min
Lab File: BM021835.D
Acq: 05 Aug 2019 08:44

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	182787		
139	12.1	14.2	21.2#	
279	28.2	28.3	42.5#	





#26
 Benzo(g,h,i)perylene
 Concen: 16.442 ng/ul
 RT: 26.37 min Scan# 7955
 Delta R.T. 0.00 min
 Lab File: BM021835.D
 Acq: 05 Aug 2019 08:44

Instrument :
 BNA_M
 ClientSampleId :
 BENP5

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.0	15.5	23.3#
277	24.4	21.4	32.2

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:17:00 PM

