

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Data File : BM021808.D
 Acq On : 04 Aug 2019 12:21
 Operator : HP/JU
 Sample : K3850-18
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS4

Manual Integrations
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Quant Time: Aug 05 05:59:11 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 05 05:26:43 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1043	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	4318	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2647	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	7147m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	7414m	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	8297m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1114	0.16	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	4413m	0.18	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.46	128	1792	0.147	ng/ul	98
5) 2-Methylnaphthalene	12.09	142	2331	0.287	ng/ul	97
7) Acenaphthylene	14.01	152	15872	1.286	ng/ul	95
8) Acenaphthene	14.35	153	1339	0.133	ng/ul	95
9) Fluorene	15.34	166	4464	0.398	ng/ul	100
12) Phenanthrene	17.08	178	106671m	5.130	ng/ul	
13) Anthracene	17.18	178	26732m	1.507	ng/ul	
15) Fluoranthene	19.11	202	246733m	8.857	ng/ul	
17) Pyrene	19.47	202	186975	6.137	ng/ul#	94
18) Benzo(a)anthracene	21.23	228	127271m	4.799	ng/ul	
19) Chrysene	21.28	228	119622	3.507	ng/ul	96
21) Benzo(b)fluoranthene	22.80	252	161950m	5.788	ng/ul	
22) Benzo(k)fluoranthene	22.84	252	68291m	2.157	ng/ul	
23) Benzo(a)pyrene	23.37	252	106118	3.730	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.68	276	85042	2.503	ng/ul#	86
25) Dibenzo(a,h)anthracene	25.68	278	20448	0.745	ng/ul#	95
26) Benzo(g,h,i)perylene	26.36	276	78776	2.576	ng/ul#	93

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

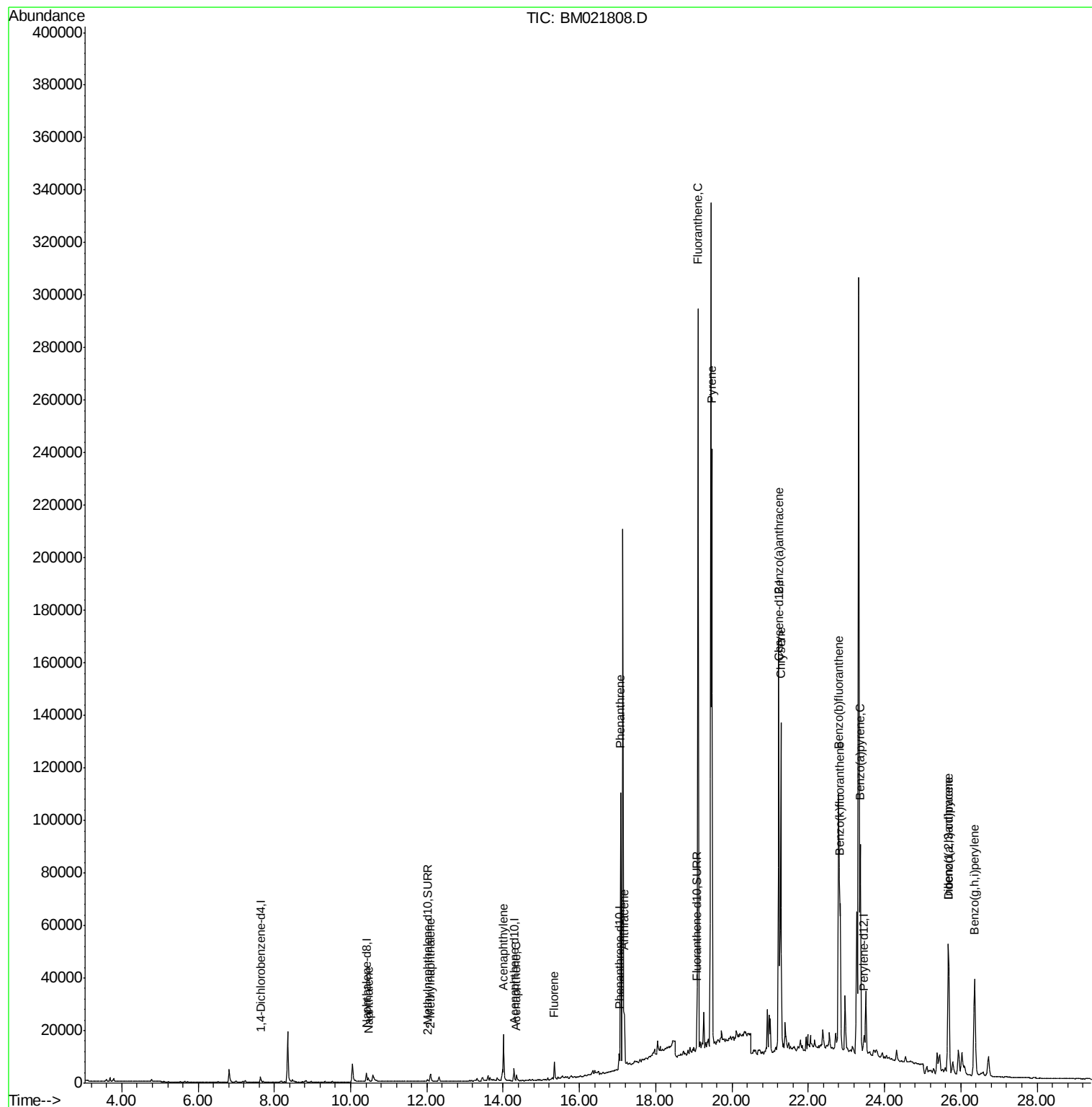
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021808.D
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ALS Vial : 51 Sample Multiplier: 1

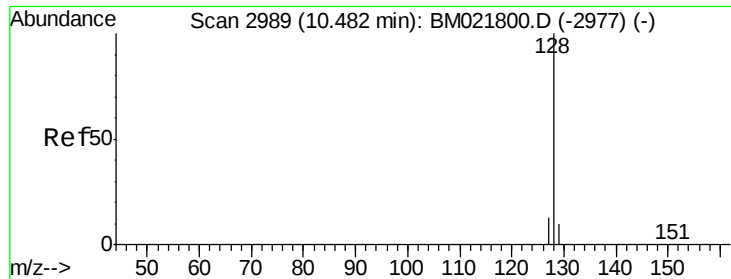
Instrument :
BNA_M
ClientSampleId :
BENS4

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Quant Time: Aug 05 05:59:11 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 05 05:26:43 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.147 ng/ul

RT: 10.46 min Scan# 2985

Delta R.T. -0.02 min

Lab File: BM021808.D

Acq: 04 Aug 2019 12:21

Instrument :

BNA_M

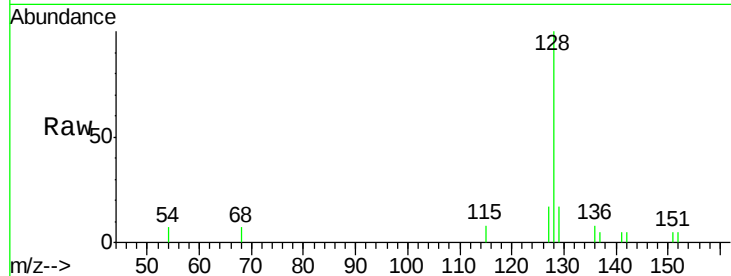
ClientSampleId :

BENS4

Tgt Ion:	128	Resp:	1792
Ion Ratio	Lower	Upper	
128	100		
129	16.7	12.3	18.5
127	16.6	13.0	19.6

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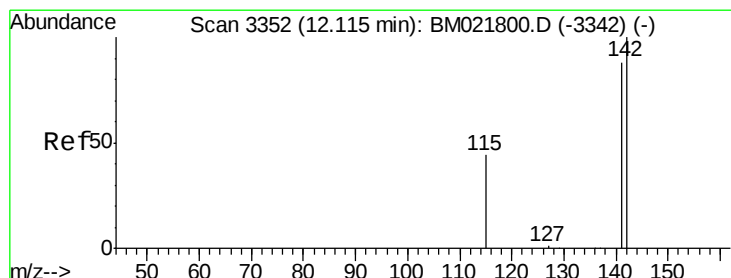
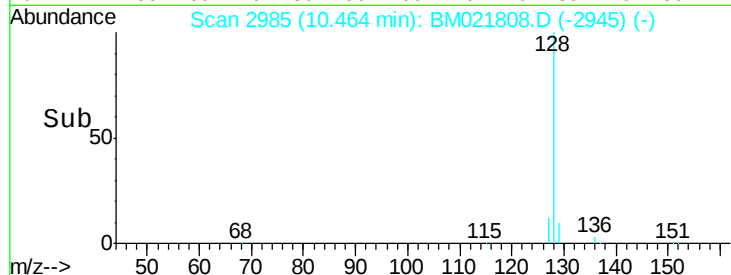
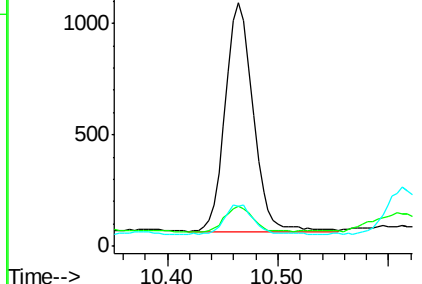
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.287 ng/ul

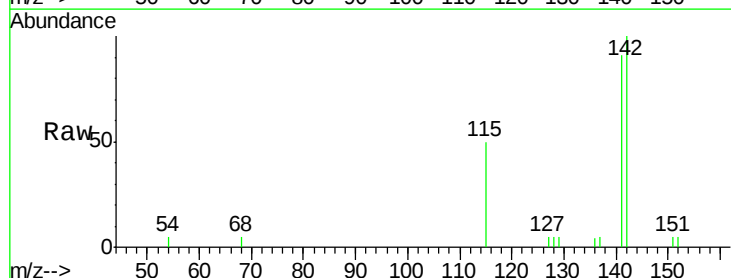
RT: 12.09 min Scan# 3347

Delta R.T. -0.02 min

Lab File: BM021808.D

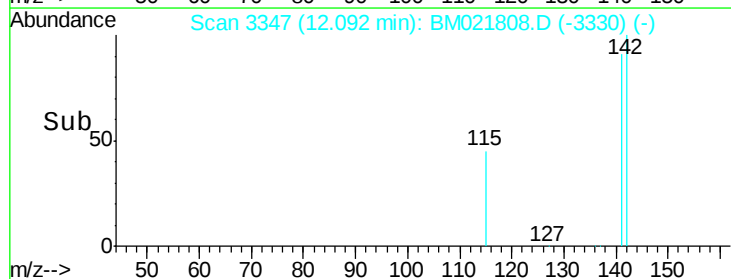
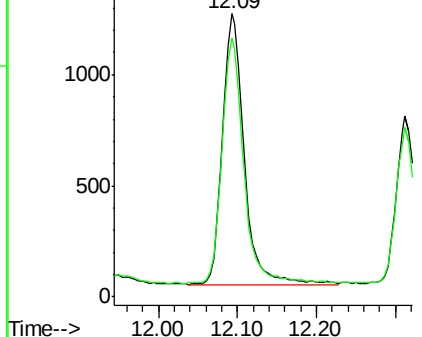
Acq: 04 Aug 2019 12:21

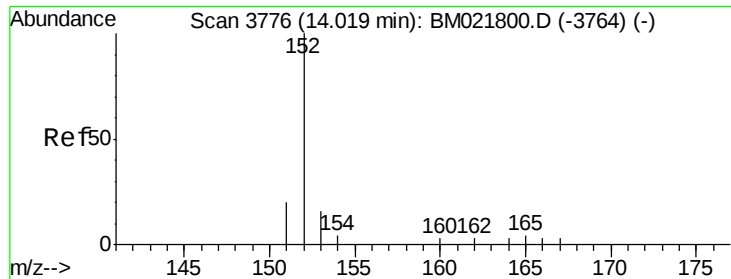
Tgt Ion:	142	Resp:	2331
Ion Ratio	Lower	Upper	
142	100		
141	90.5	74.3	111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.286 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.01 min

Lab File: BM021808.D

Acq: 04 Aug 2019 12:21

Instrument :

BNA_M

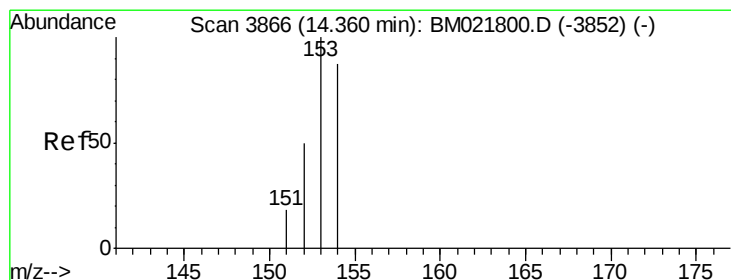
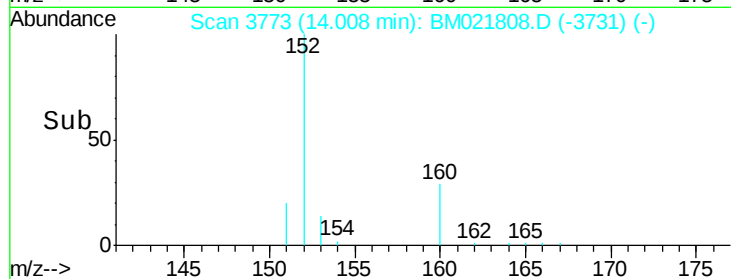
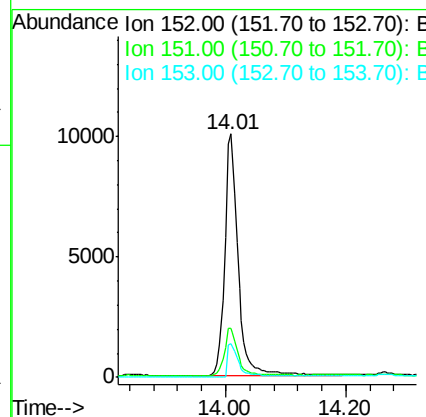
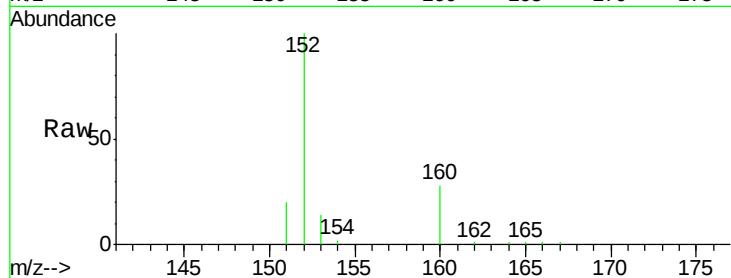
ClientSampleId :

BENS4

Tgt Ion:	152	Resp:	15872
Ion Ratio	Lower	Upper	
152	100		
151	20.4	18.3	27.5
153	13.9	12.8	19.2

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#8

Acenaphthene

Concen: 0.133 ng/ul

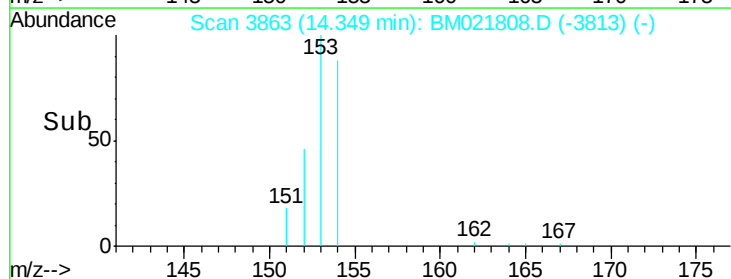
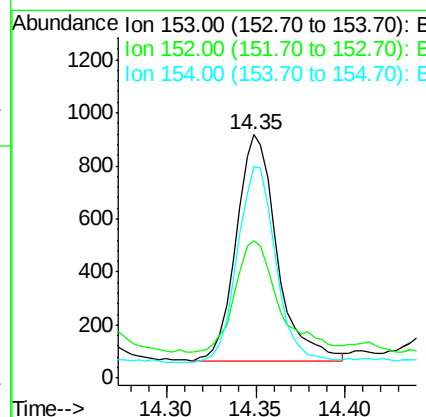
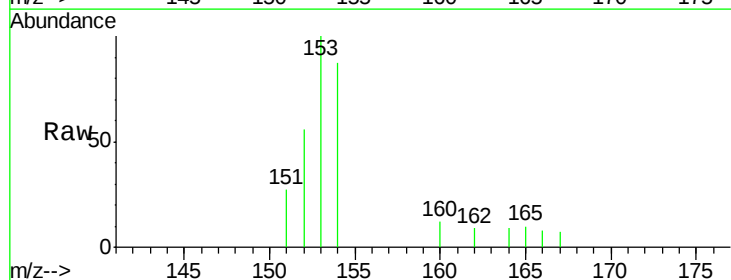
RT: 14.35 min Scan# 3863

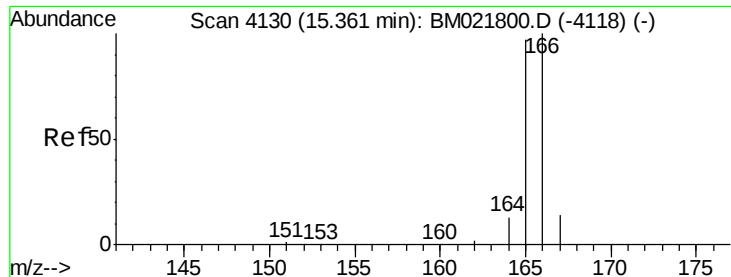
Delta R.T. -0.01 min

Lab File: BM021808.D

Acq: 04 Aug 2019 12:21

Tgt Ion:	153	Resp:	1339
Ion Ratio	Lower	Upper	
153	100		
152	56.2	41.3	61.9
154	87.1	72.3	108.5





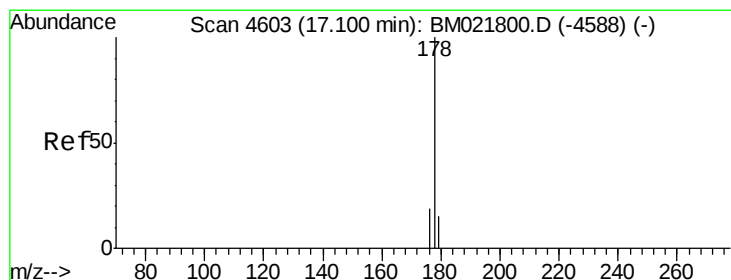
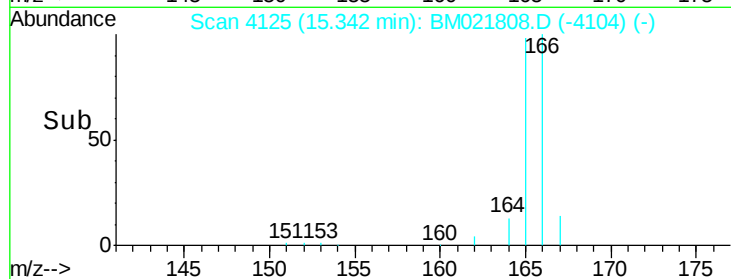
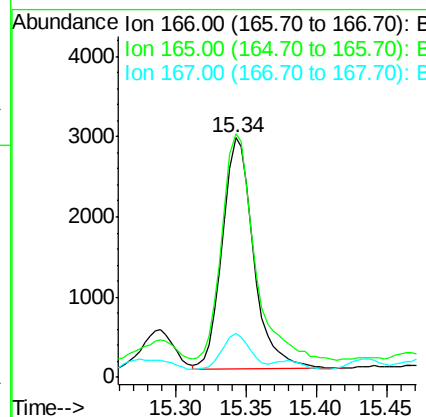
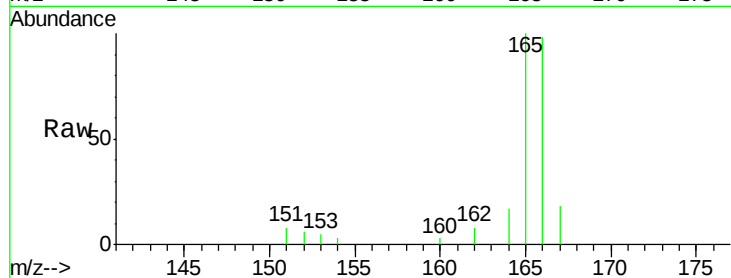
#9
Fluorene
 Concen: 0.398 ng/ul
 RT: 15.34 min Scan# 4125
 Delta R.T. -0.02 min
 Lab File: BM021808.D
 Acq: 04 Aug 2019 12:21

Instrument :
 BNA_M
 ClientSampleId :
 BENS4

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.6	81.4	122.0
167	18.2	13.7	20.5

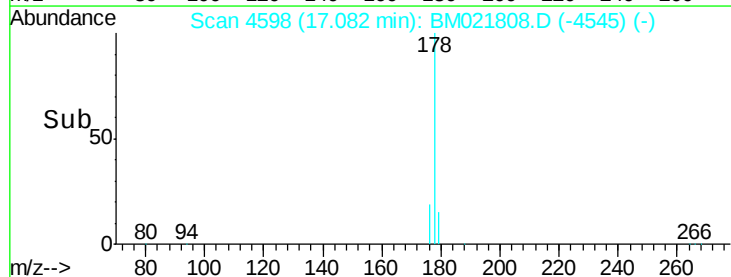
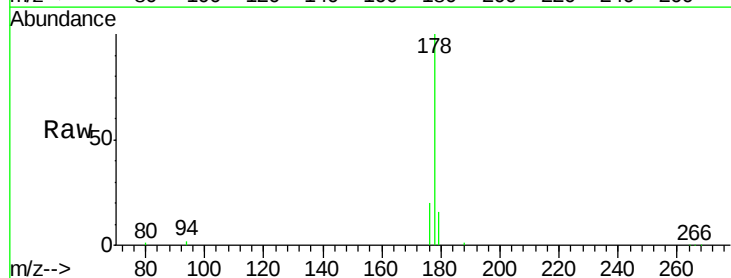
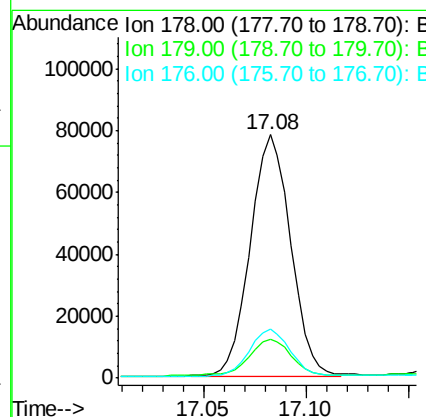
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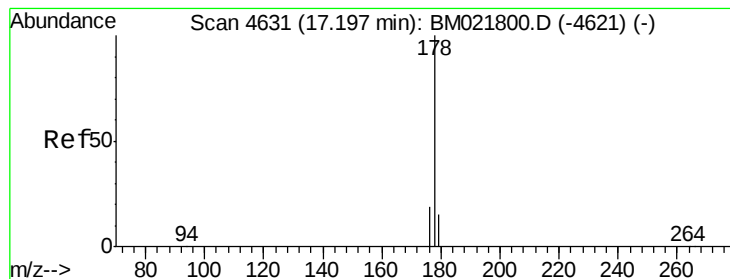
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#12
Phenanthrene
 Concen: 5.130 ng/ul m
 RT: 17.08 min Scan# 4598
 Delta R.T. -0.02 min
 Lab File: BM021808.D
 Acq: 04 Aug 2019 12:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	14.2	21.2
176	20.1	16.8	25.2





#13

Anthracene

Concen: 1.507 ng/ul m

RT: 17.18 min Scan# 4625

Delta R.T. -0.02 min

Lab File: BM021808.D

Acq: 04 Aug 2019 12:21

Instrument :

BNA_M

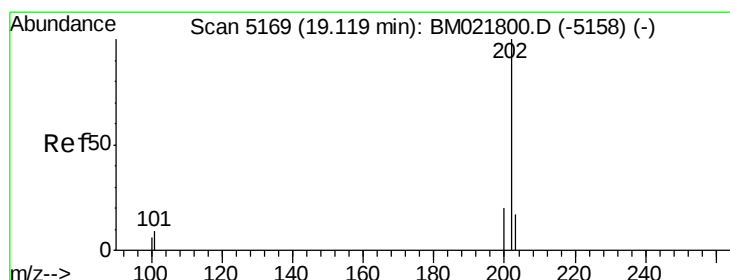
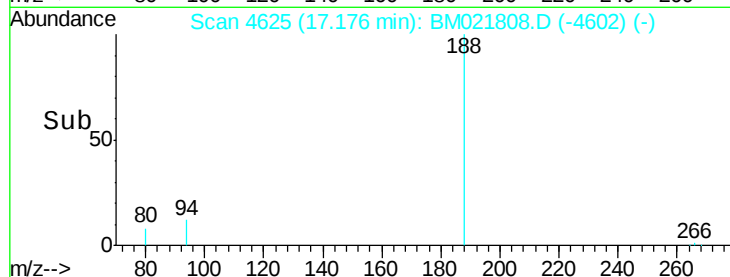
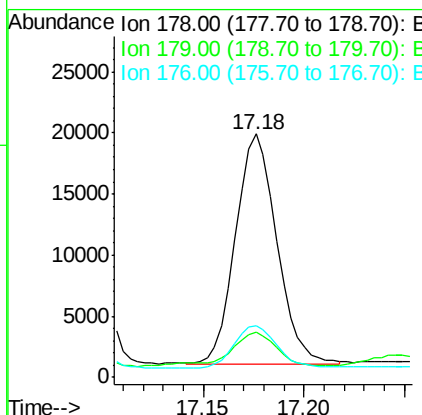
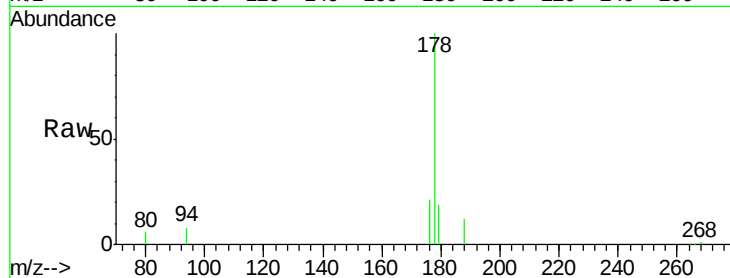
ClientSampleId :

BENS4

Tgt Ion:	178	Resp:	26732
Ion Ratio	Lower	Upper	
178	100		
179	18.5	15.5	23.3
176	21.4	16.6	25.0

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#15

Fluoranthene

Concen: 8.857 ng/ul m

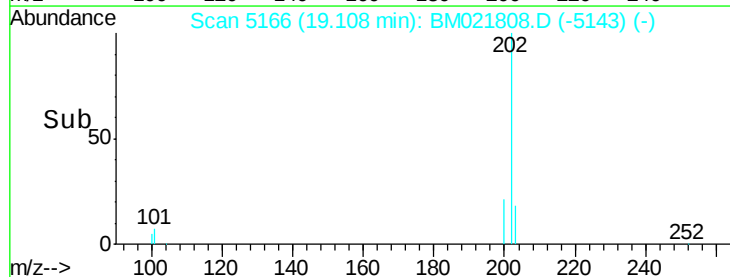
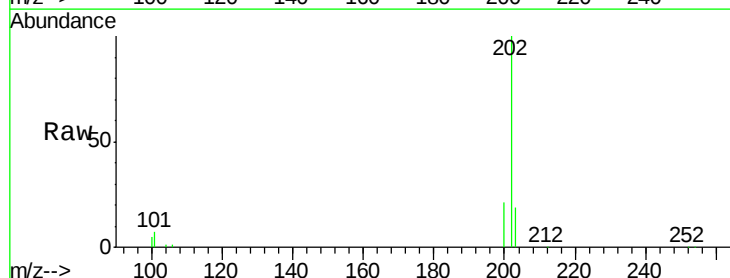
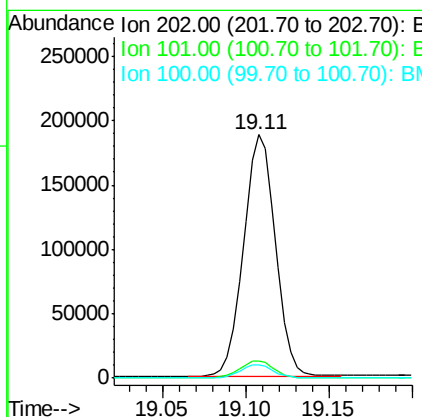
RT: 19.11 min Scan# 5166

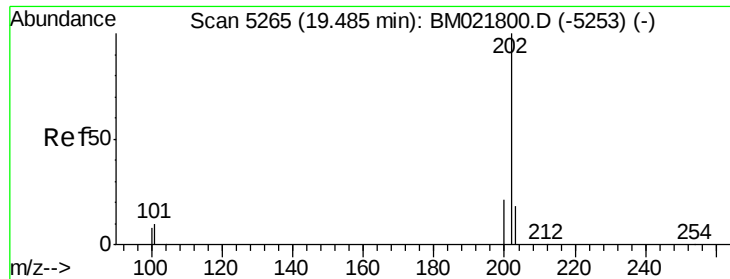
Delta R.T. -0.01 min

Lab File: BM021808.D

Acq: 04 Aug 2019 12:21

Tgt Ion:	202	Resp:	246733
Ion Ratio	Lower	Upper	
202	100		
101	7.1	0.0	30.2
100	5.5	0.0	28.1





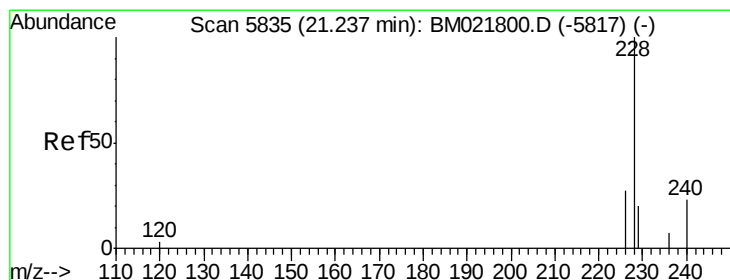
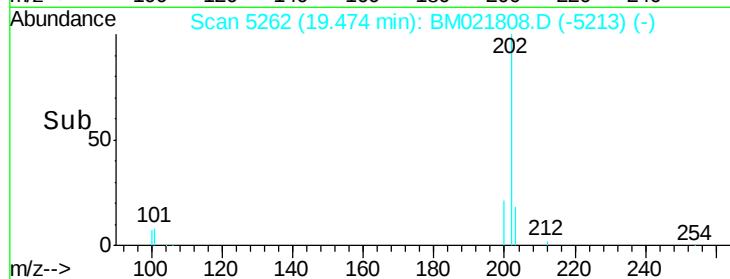
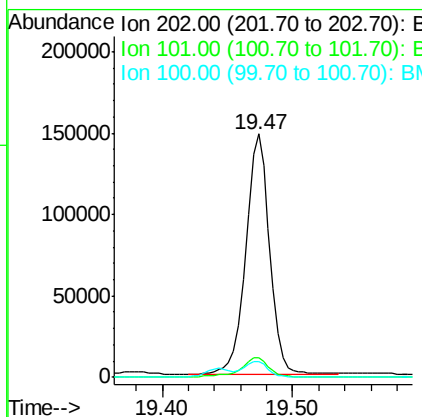
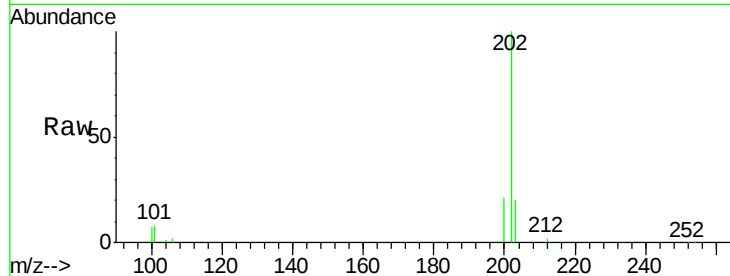
#17
 Pyrene
 Concen: 6.137 ng/ul
 RT: 19.47 min Scan# 5262
 Delta R.T. -0.01 min
 Lab File: BM021808.D
 Acq: 04 Aug 2019 12:21

Instrument :
 BNA_M
 ClientSampleId :
 BENS4

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.1	8.3	12.5#
100	6.6	7.2	10.8#

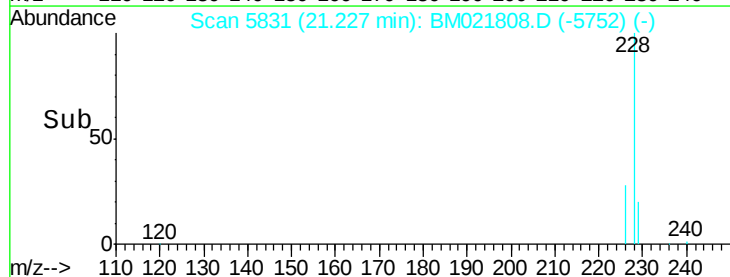
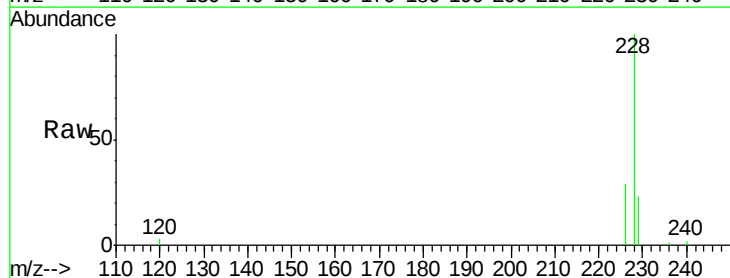
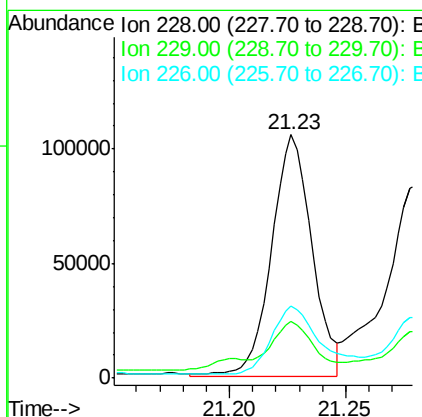
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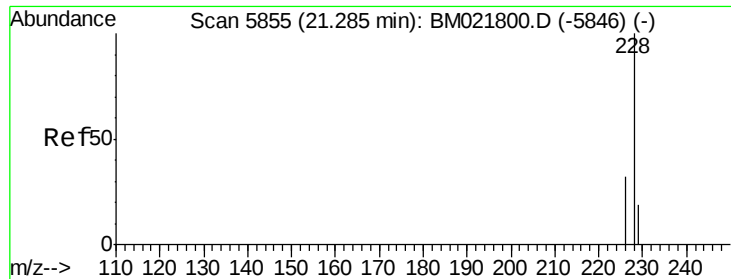
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#18
 Benzo(a)anthracene
 Concen: 4.799 ng/ul m
 RT: 21.23 min Scan# 5831
 Delta R.T. -0.01 min
 Lab File: BM021808.D
 Acq: 04 Aug 2019 12:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	23.1	17.2	25.8
226	29.4	22.6	34.0





#19

Chrysene

Concen: 3.507 ng/ul

RT: 21.28 min Scan# 5853

Delta R.T. -0.01 min

Lab File: BM021808.D

Acq: 04 Aug 2019 12:21

Instrument :

BNA_M

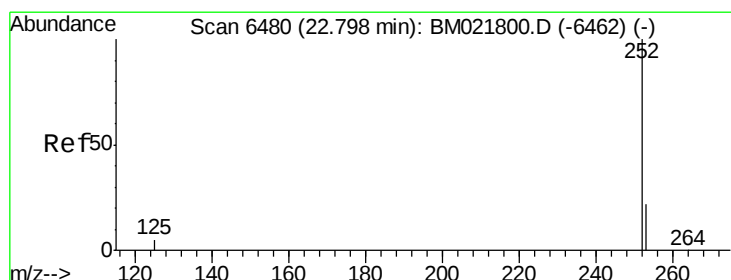
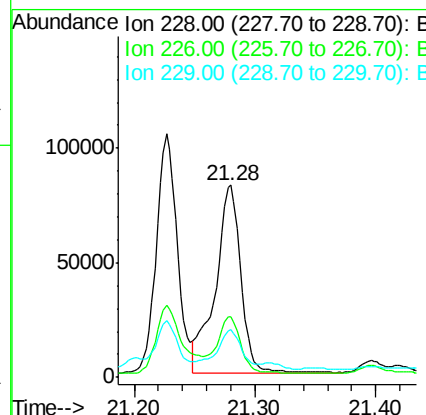
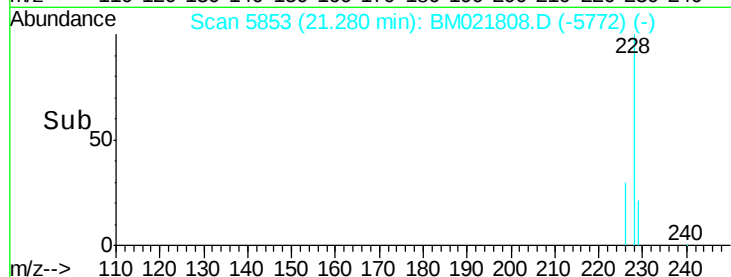
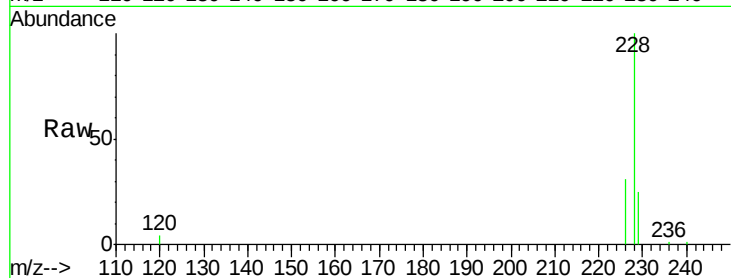
ClientSampleId :

BENS4

Tgt Ion:	228	Resp:	119622
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.9	37.3
229	25.0	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 5.788 ng/ul m

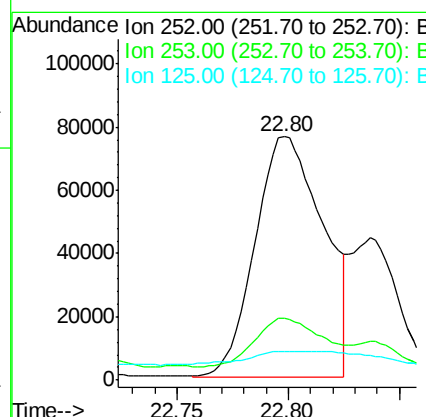
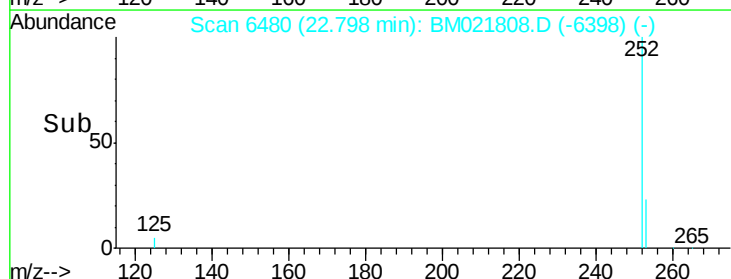
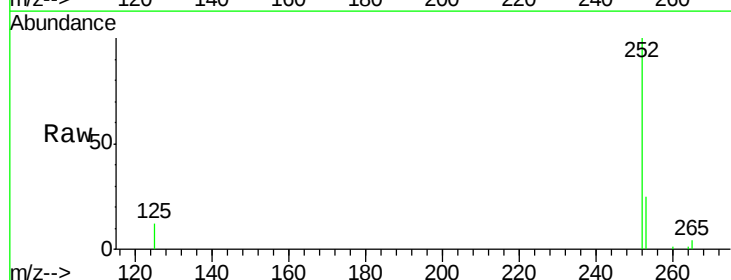
RT: 22.80 min Scan# 6480

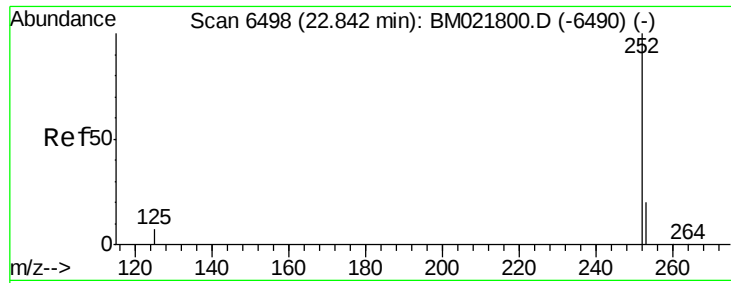
Delta R.T. -0.00 min

Lab File: BM021808.D

Acq: 04 Aug 2019 12:21

Tgt Ion:	252	Resp:	161950
Ion Ratio	Lower	Upper	
252	100		
253	25.4	0.0	67.4
125	12.0	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 2.157 ng/ul m

RT: 22.84 min Scan# 6496

Delta R.T. -0.01 min

Lab File: BM021808.D

Acq: 04 Aug 2019 12:21

Instrument :

BNA_M

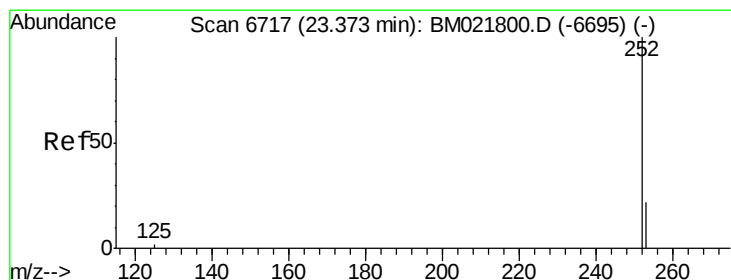
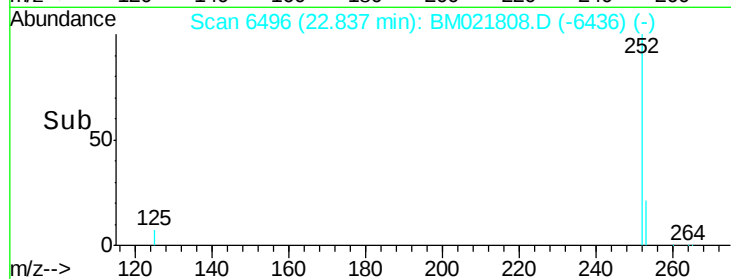
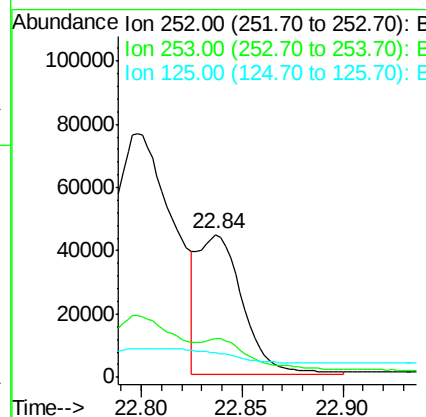
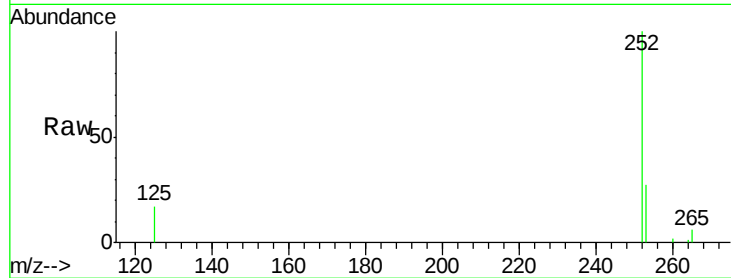
ClientSampleId :

BENS4

Tgt Ion:	252	Resp:	68291
Ion Ratio	Lower	Upper	
252	100		
253	27.3	27.0	40.4
125	17.5	12.2	18.2

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#23

Benzo(a)pyrene

Concen: 3.730 ng/ul

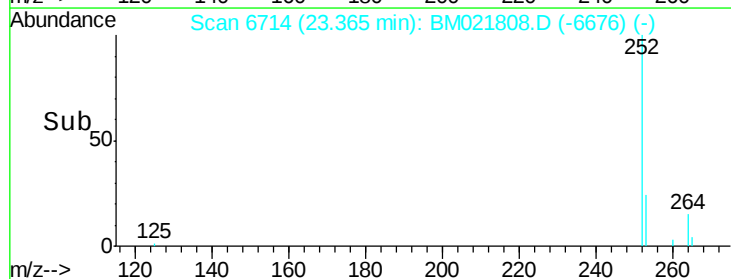
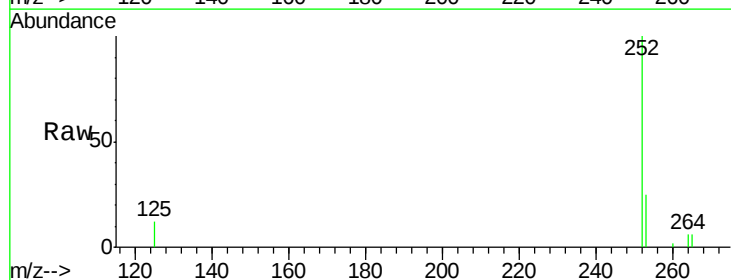
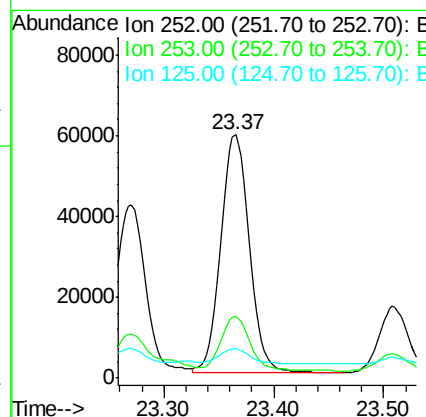
RT: 23.37 min Scan# 6714

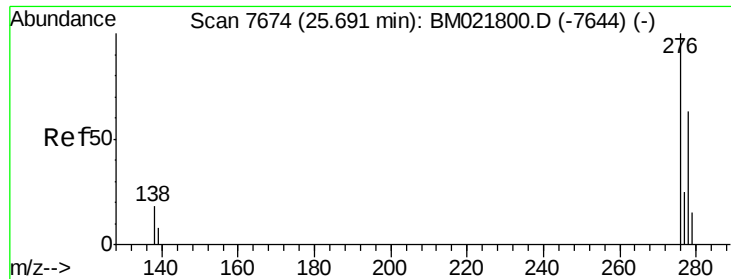
Delta R.T. -0.01 min

Lab File: BM021808.D

Acq: 04 Aug 2019 12:21

Tgt Ion:	252	Resp:	106118
Ion Ratio	Lower	Upper	
252	100		
253	25.2	31.7	47.5#
125	12.1	14.6	21.8#





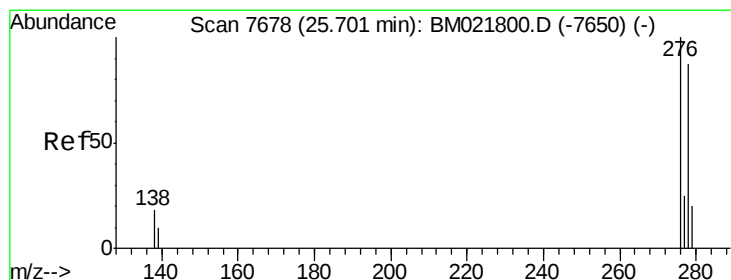
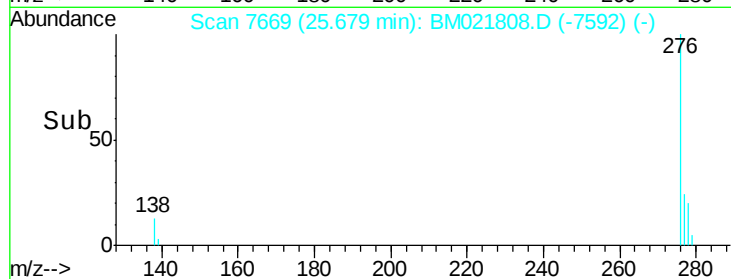
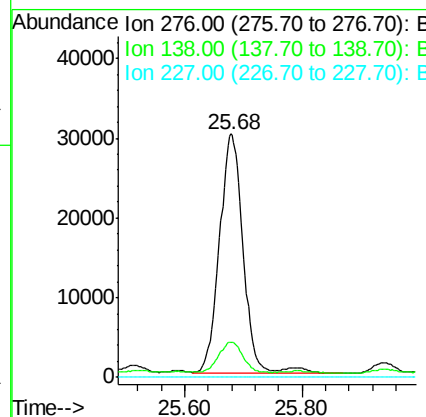
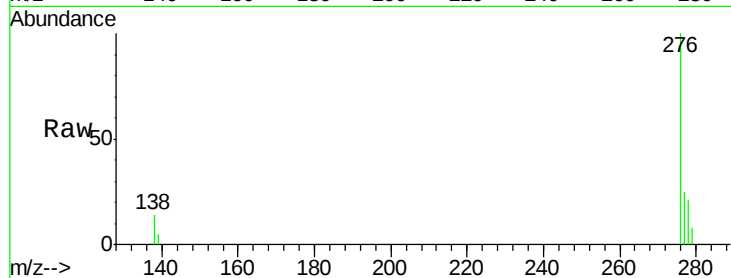
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.503 ng/u1
 RT: 25.68 min Scan# 7669
 Delta R.T. -0.01 min
 Lab File: BM021808.D
 Acq: 04 Aug 2019 12:21

Instrument :
 BNA_M
 ClientSampleId :
 BENS4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.7	15.1	22.7#
227	0.0	0.0	0.0

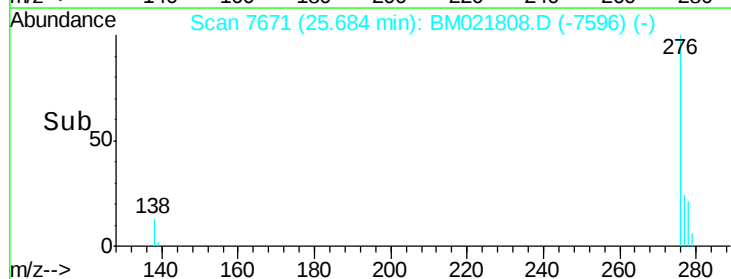
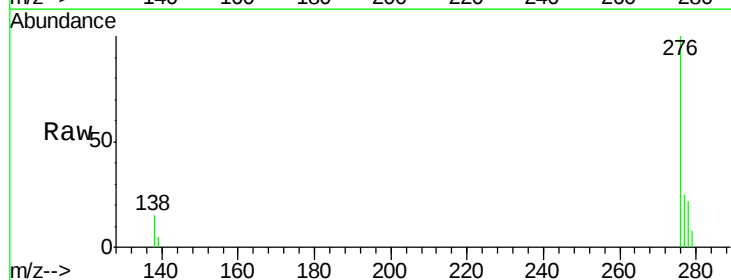
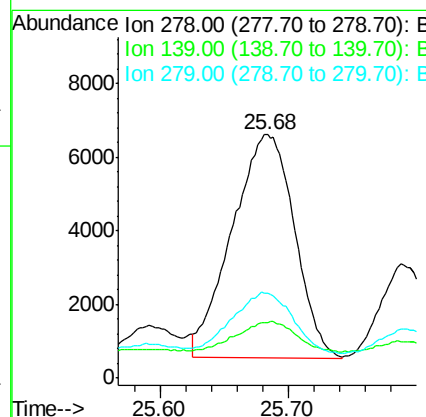
Manual Integrations
 APPROVED

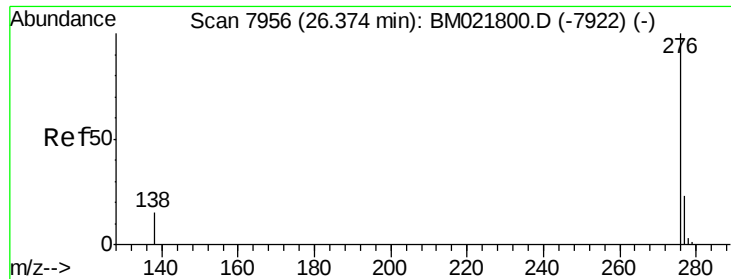
mohammad
 8/5/2019 10:15:26 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.745 ng/u1
 RT: 25.68 min Scan# 7671
 Delta R.T. -0.02 min
 Lab File: BM021808.D
 Acq: 04 Aug 2019 12:21

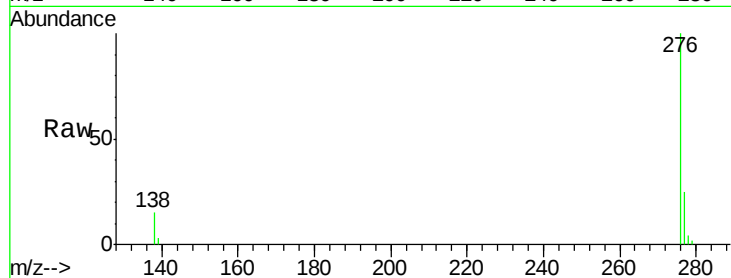
Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.9	14.2	21.2#
279	34.9	28.3	42.5





#26
 Benzo(g,h,i)perylene
 Concen: 2.576 ng/ul
 RT: 26.36 min Scan# 7951
 Delta R.T. -0.01 min
 Lab File: BM021808.D
 Acq: 04 Aug 2019 12:21

Instrument :
 BNA_M
 ClientSampleId :
 BENS4



Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.8	15.5	23.3#
277	24.7	21.4	32.2

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:15:26 PM

