

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Data File : BM021809.D
 Acq On : 04 Aug 2019 12:57
 Operator : HP/JU
 Sample : K3850-20
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS6

Manual Integrations
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mohammad
 8/5/2019 10:15:29 PM

Quant Time: Aug 05 06:02:59 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	927	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.42	136	3666	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.29	164	2297	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	6247m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	6357m	0.40	ng/ul	-0.01
20) Perylene-d12	23.46	264	7140m	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.02	152	1134	0.19	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	3942m	0.19	ng/ul	-0.01

Target Compounds

						Qvalue
3) Naphthalene	10.47	128	1562	0.151	ng/ul	95
5) 2-Methylnaphthalene	12.09	142	1504	0.218	ng/ul	93
7) Acenaphthylene	14.01	152	6342	0.592	ng/ul	97
8) Acenaphthene	14.35	153	920	0.105	ng/ul	97
9) Fluorene	15.34	166	1611	0.165	ng/ul#	98
12) Phenanthrene	17.08	178	33225m	1.828	ng/ul	
13) Anthracene	17.17	178	7254m	0.468	ng/ul	
15) Fluoranthene	19.11	202	86443m	3.550	ng/ul	
17) Pyrene	19.47	202	75007	2.871	ng/ul#	95
18) Benzo(a)anthracene	21.22	228	44195	1.944	ng/ul	96
19) Chrysene	21.27	228	50933	1.742	ng/ul	96
21) Benzo(b)fluoranthene	22.79	252	76244m	3.167	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	28912m	1.061	ng/ul	
23) Benzo(a)pyrene	23.36	252	50294	2.054	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.68	276	44723	1.530	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.68	278	10198	0.432	ng/ul#	75
26) Benzo(g,h,i)perylene	26.36	276	51810	1.968	ng/ul	95

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

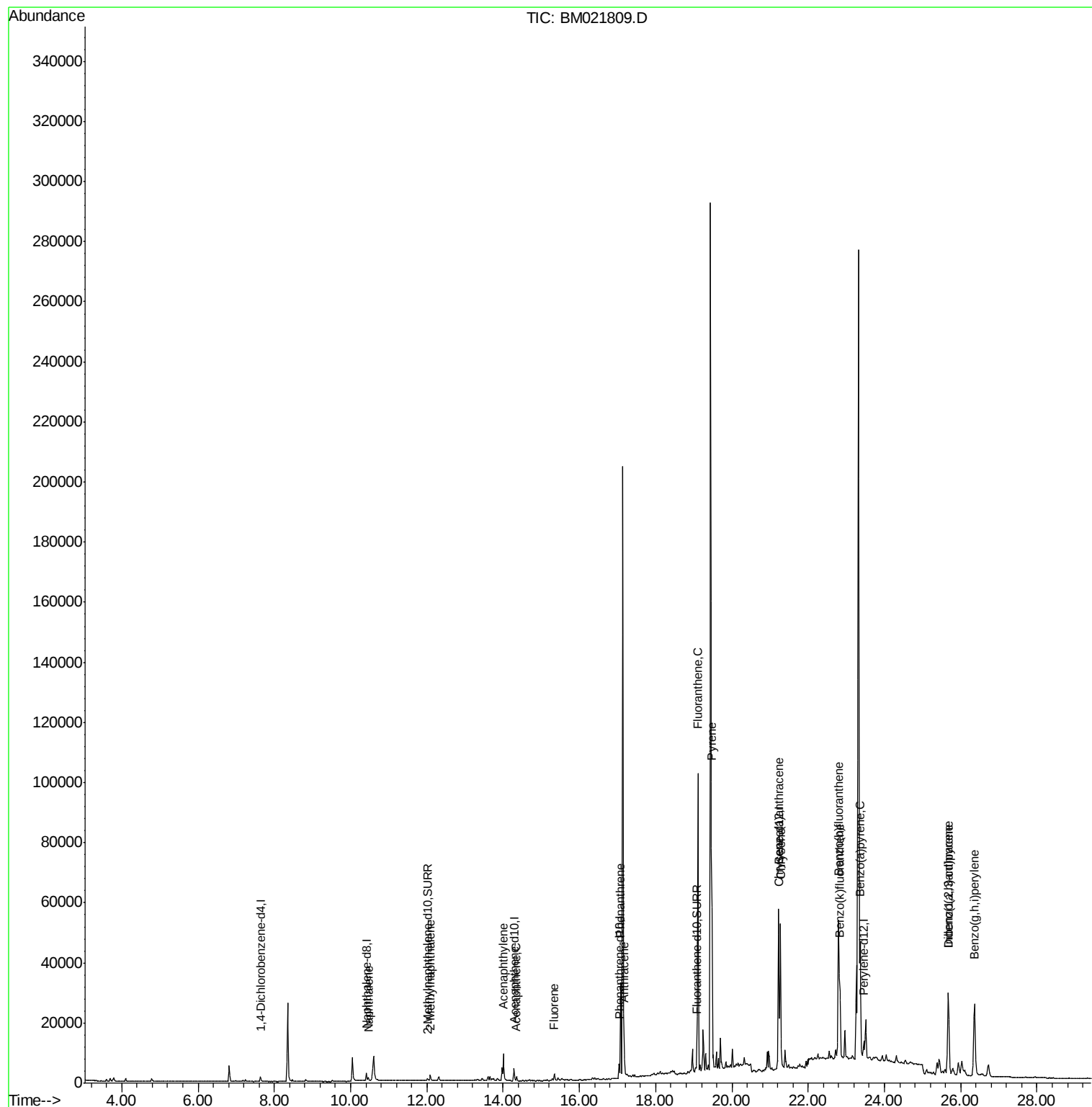
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021809.D
Acq On : 04 Aug 2019 12:57
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Sample : K3850-20
Misc :
ALS Vial : 52 Sample Multiplier: 1

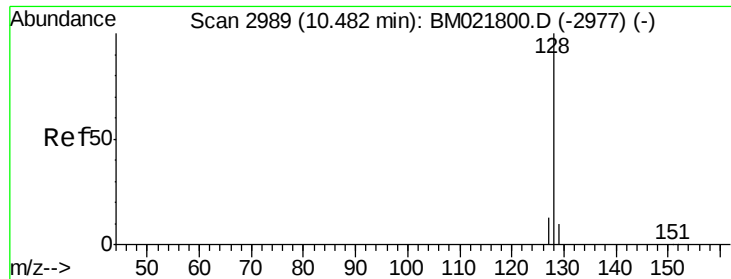
Instrument :
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QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.151 ng/ul

RT: 10.47 min Scan# 2985

Delta R.T. -0.02 min

Lab File: BM021809.D

Acq: 04 Aug 2019 12:57

Instrument :

BNA_M

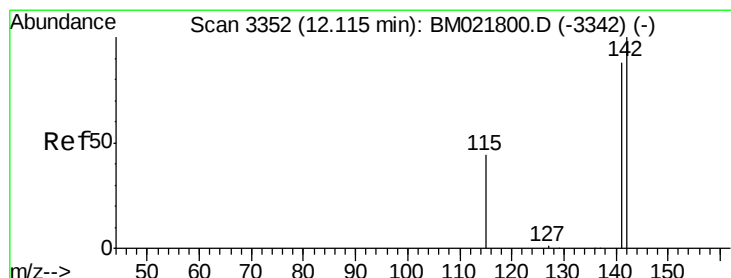
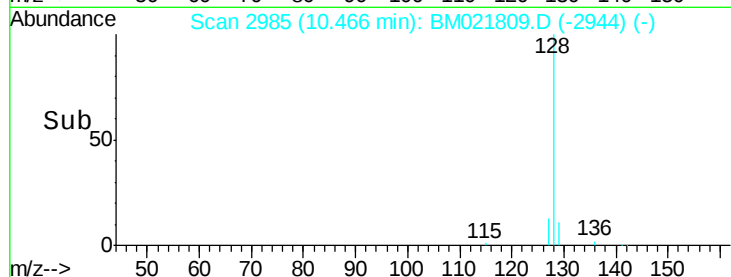
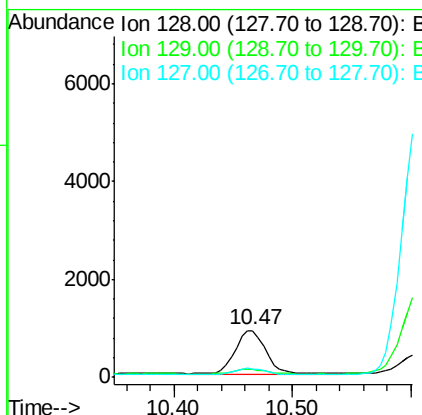
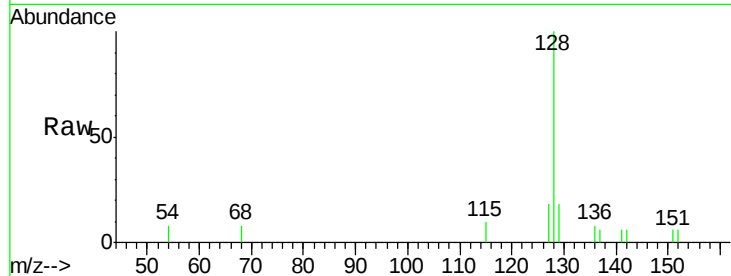
ClientSampleId :

BENS6

Tgt Ion:	128	Resp:	1562
Ion	Ratio	Lower	Upper
128	100		
129	17.7	12.3	18.5
127	18.2	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.218 ng/ul

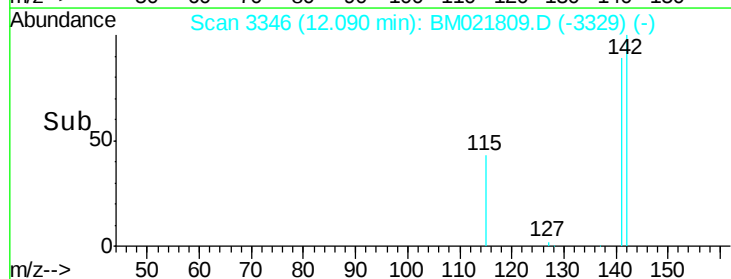
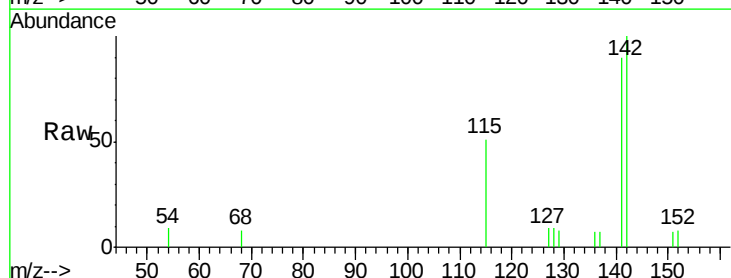
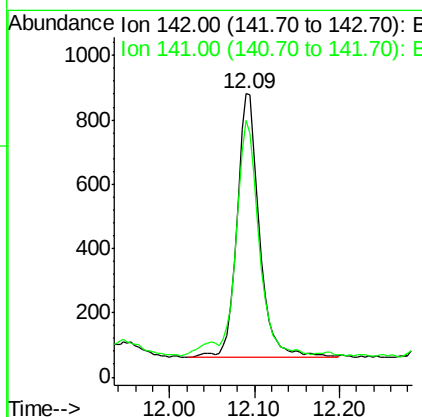
RT: 12.09 min Scan# 3346

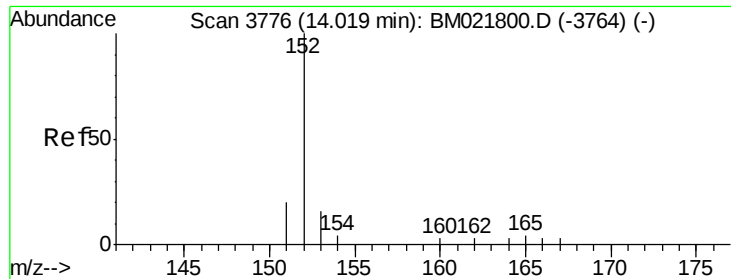
Delta R.T. -0.03 min

Lab File: BM021809.D

Acq: 04 Aug 2019 12:57

Tgt Ion:	142	Resp:	1504
Ion	Ratio	Lower	Upper
142	100		
141	86.4	74.3	111.5





#7

Acenaphthylene

Concen: 0.592 ng/ul

RT: 14.01 min Scan# 3772

Delta R.T. -0.01 min

Lab File: BM021809.D

Acq: 04 Aug 2019 12:57

Instrument :

BNA_M

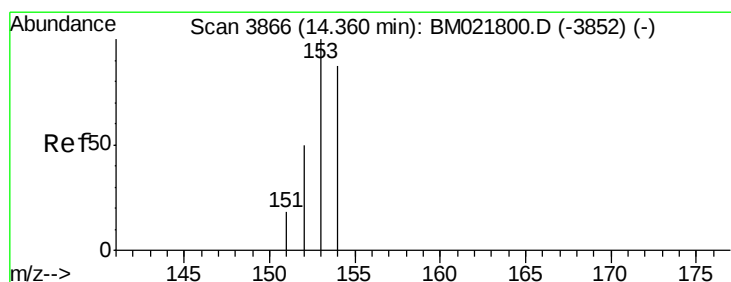
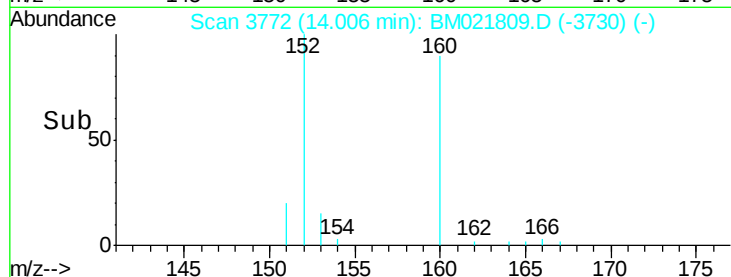
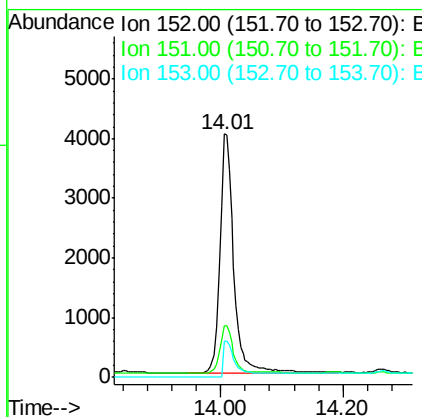
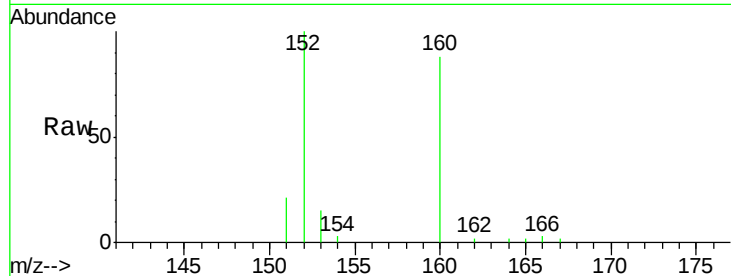
ClientSampleId :

BENS6

Tgt Ion:	152	Resp:	6342
Ion Ratio	Lower	Upper	
152	100		
151	21.4	18.3	27.5
153	14.9	12.8	19.2

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#8

Acenaphthene

Concen: 0.105 ng/ul

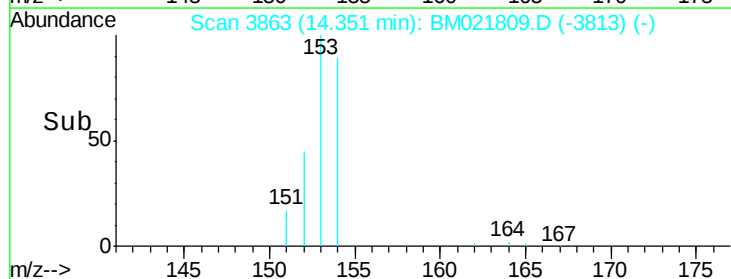
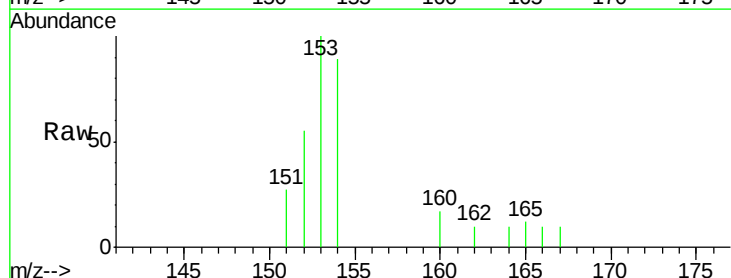
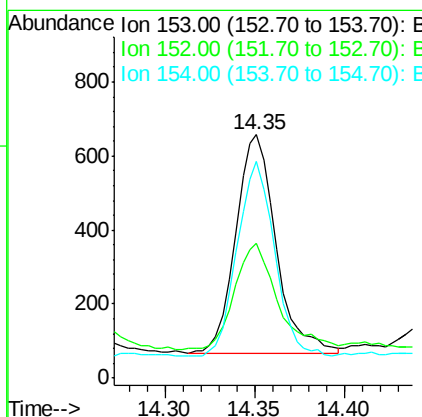
RT: 14.35 min Scan# 3863

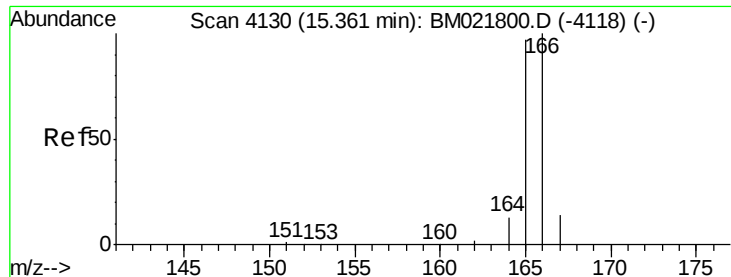
Delta R.T. -0.01 min

Lab File: BM021809.D

Acq: 04 Aug 2019 12:57

Tgt Ion:	153	Resp:	920
Ion Ratio	Lower	Upper	
153	100		
152	55.2	41.3	61.9
154	88.9	72.3	108.5





#9

Fluorene

Concen: 0.165 ng/ul

RT: 15.34 min Scan# 4125

Delta R.T. -0.02 min

Lab File: BM021809.D

Acq: 04 Aug 2019 12:57

Instrument :

BNA_M

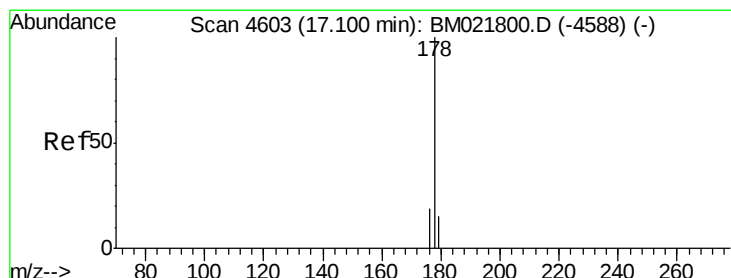
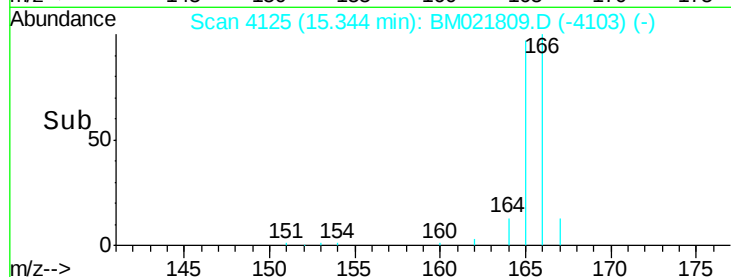
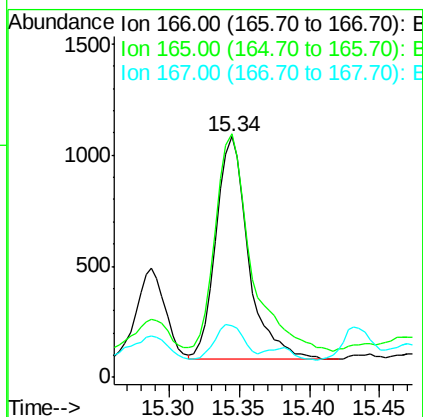
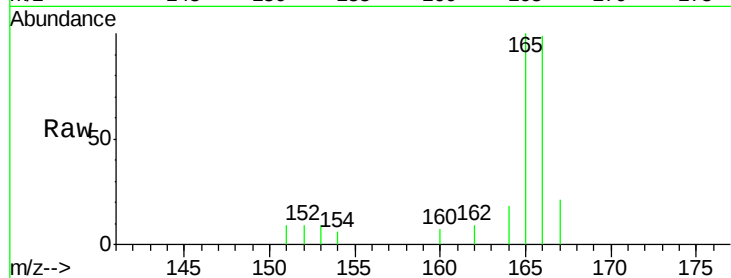
ClientSampled :

BENS6

Tgt Ion:	166	Resp:	1611
Ion Ratio	Lower	Upper	
166	100		
165	101.2	81.4	122.0
167	21.5	13.7	20.5#

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#12

Phenanthrene

Concen: 1.828 ng/ul m

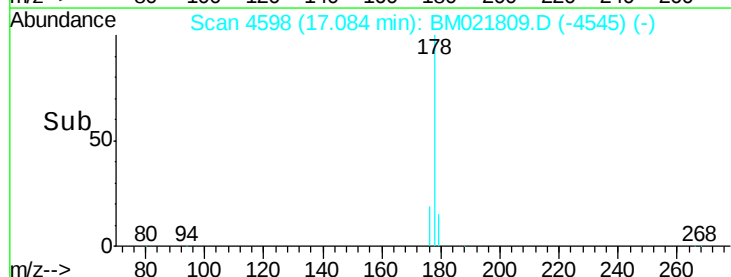
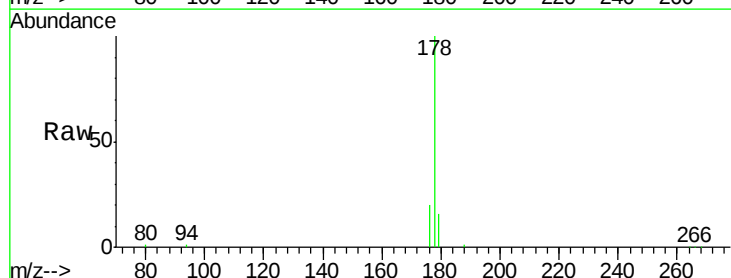
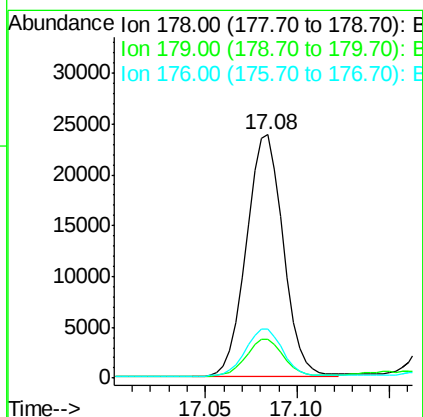
RT: 17.08 min Scan# 4598

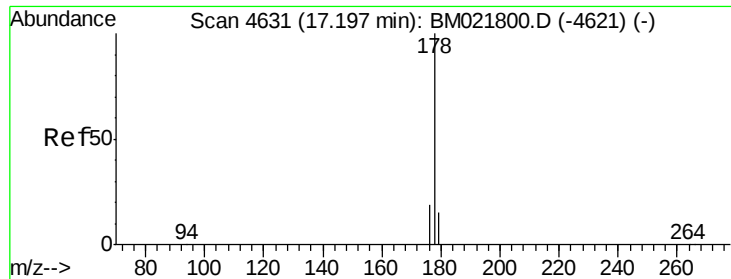
Delta R.T. -0.02 min

Lab File: BM021809.D

Acq: 04 Aug 2019 12:57

Tgt Ion:	178	Resp:	33225
Ion Ratio	Lower	Upper	
178	100		
179	16.1	14.2	21.2
176	20.0	16.8	25.2





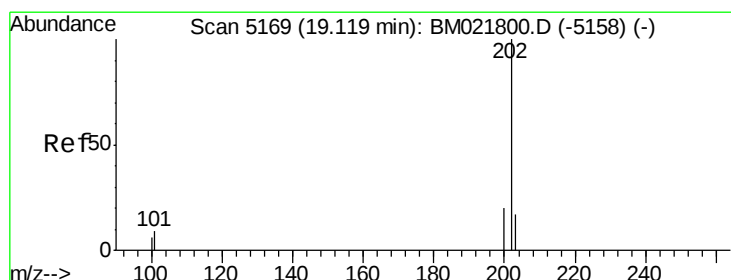
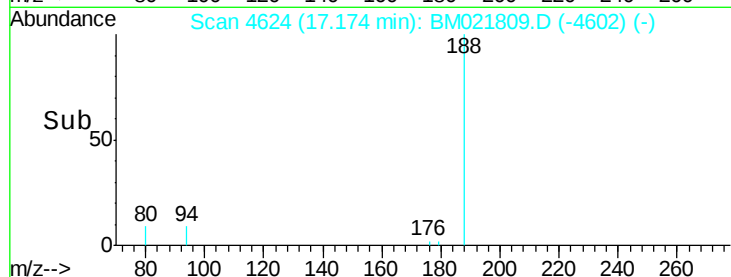
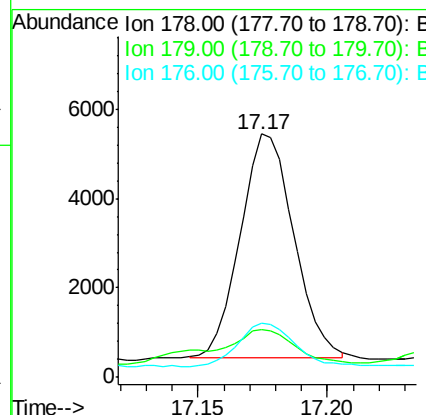
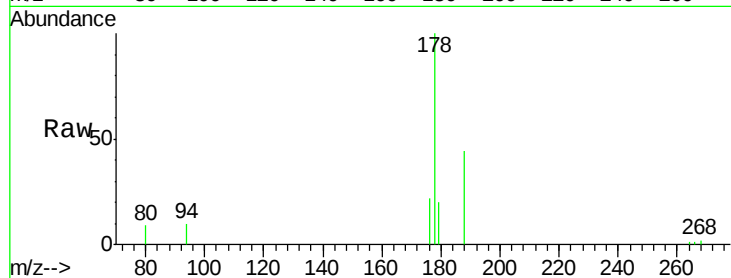
#13
 Anthracene
 Concen: 0.468 ng/ul m
 RT: 17.17 min Scan# 4624
 Delta R.T. -0.02 min
 Lab File: BM021809.D
 Acq: 04 Aug 2019 12:57

Instrument :
 BNA_M
 ClientSampleId :
 BENS6

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.7	15.5	23.3
176	22.3	16.6	25.0

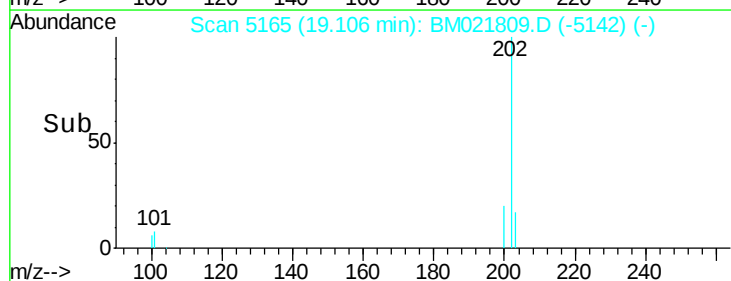
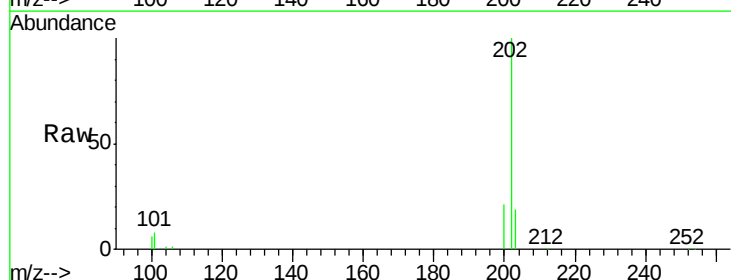
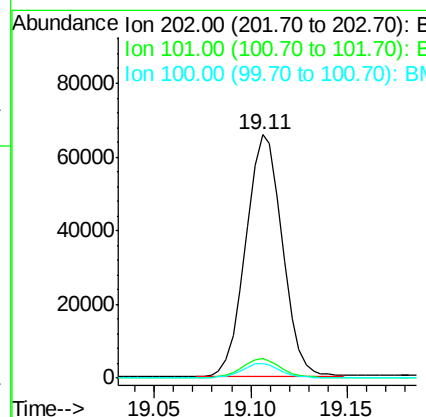
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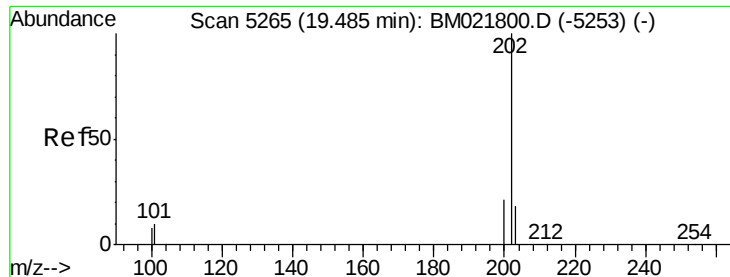
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#15
 Fluoranthene
 Concen: 3.550 ng/ul m
 RT: 19.11 min Scan# 5165
 Delta R.T. -0.01 min
 Lab File: BM021809.D
 Acq: 04 Aug 2019 12:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	30.2
100	6.1	0.0	28.1





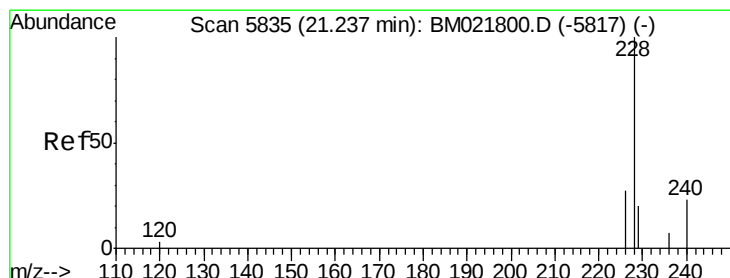
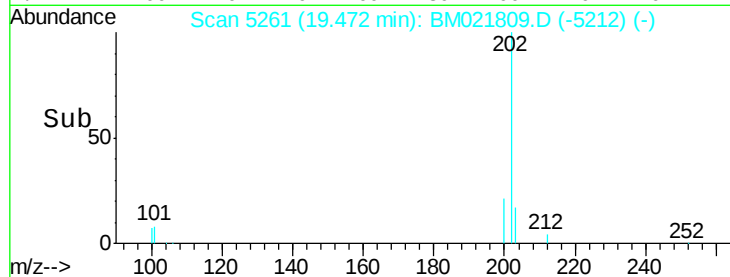
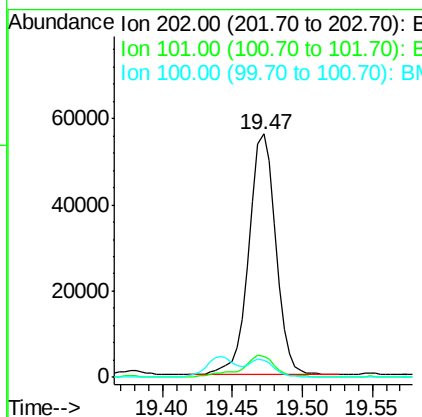
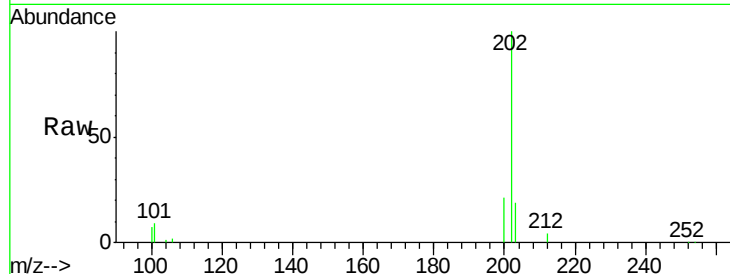
#17
 Pyrene
 Concen: 2.871 ng/ul
 RT: 19.47 min Scan# 5261
 Delta R.T. -0.01 min
 Lab File: BM021809.D
 Acq: 04 Aug 2019 12:57

Instrument :
 BNA_M
 ClientSampleId :
 BENS6

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.7	8.3	12.5
100	7.2	7.2	10.8

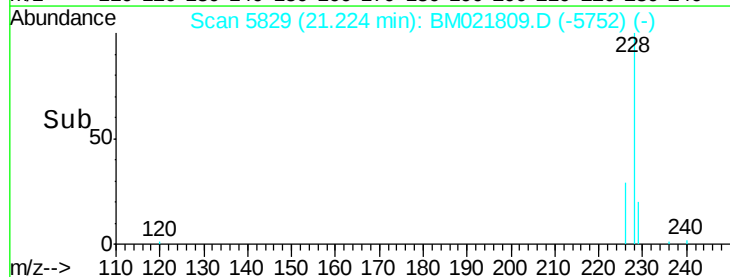
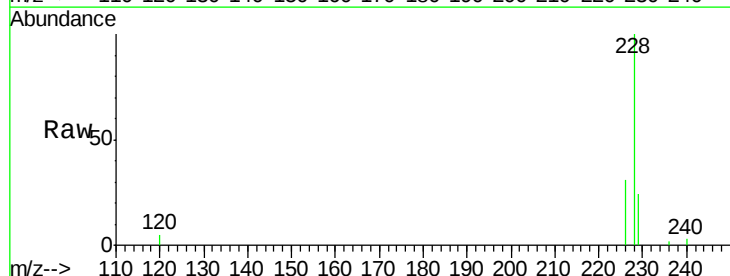
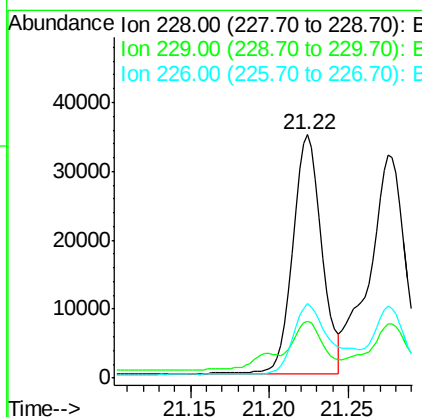
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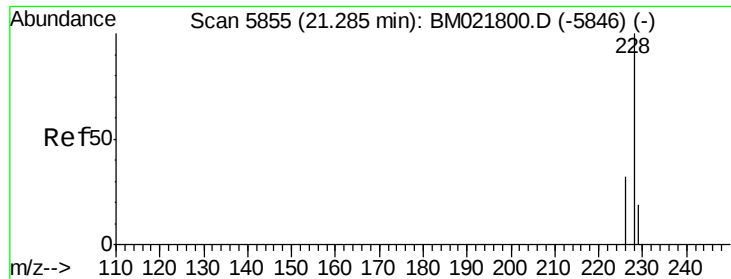
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#18
 Benzo(a)anthracene
 Concen: 1.944 ng/ul
 RT: 21.22 min Scan# 5829
 Delta R.T. -0.01 min
 Lab File: BM021809.D
 Acq: 04 Aug 2019 12:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	23.5	17.2	25.8
226	30.6	22.6	34.0





#19

Chrysene

Concen: 1.742 ng/ul

RT: 21.27 min Scan# 5850

Delta R.T. -0.01 min

Lab File: BM021809.D

Acq: 04 Aug 2019 12:57

Instrument :

BNA_M

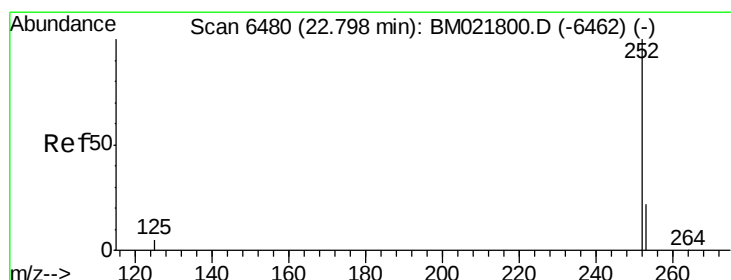
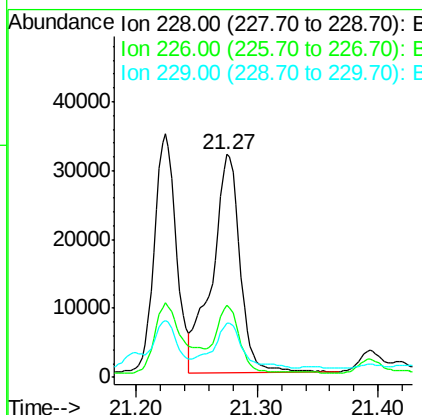
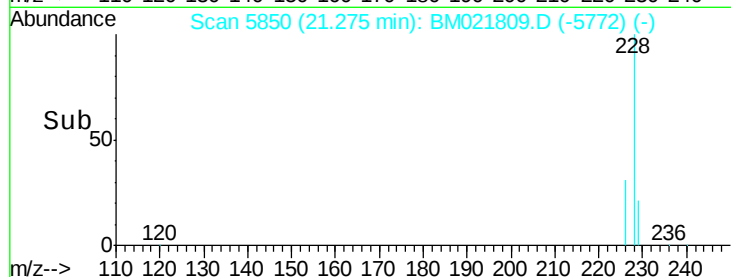
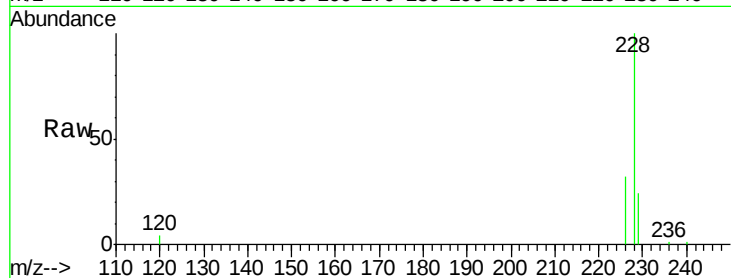
ClientSampleId :

BENS6

Tgt Ion:	228	Resp:	50933
Ion Ratio	Lower	Upper	
228	100		
226	32.4	24.9	37.3
229	24.2	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 3.167 ng/ul m

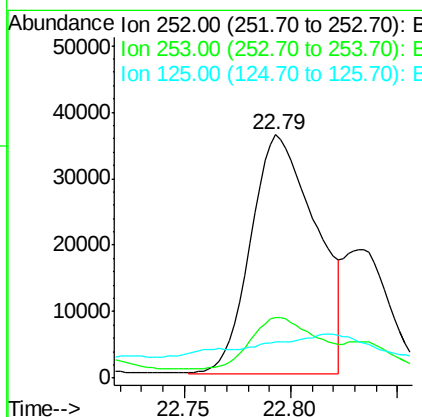
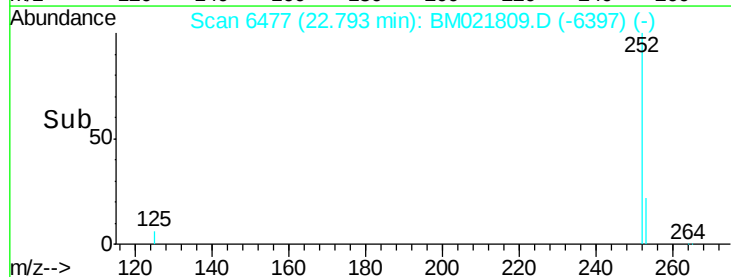
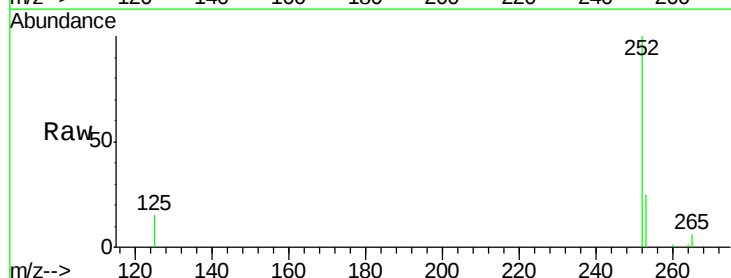
RT: 22.79 min Scan# 6477

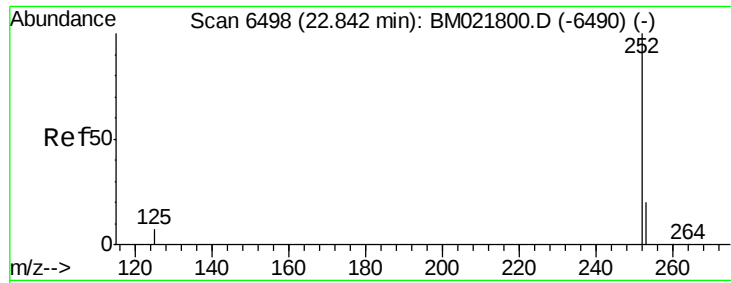
Delta R.T. -0.01 min

Lab File: BM021809.D

Acq: 04 Aug 2019 12:57

Tgt Ion:	252	Resp:	76244
Ion Ratio	Lower	Upper	
252	100		
253	25.0	0.0	67.4
125	15.0	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 1.061 ng/ul

RT: 22.83 min Scan# 6494

Delta R.T. -0.01 min

Lab File: BM021809.D

Acq: 04 Aug 2019 12:57

Instrument :

BNA_M

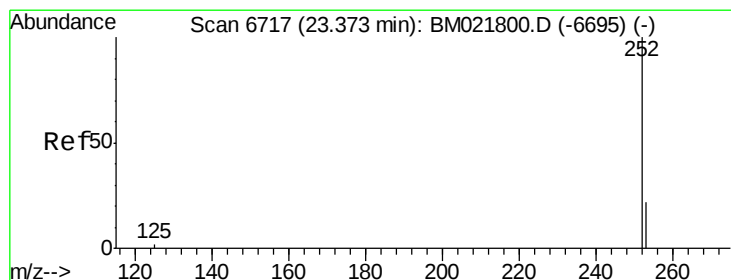
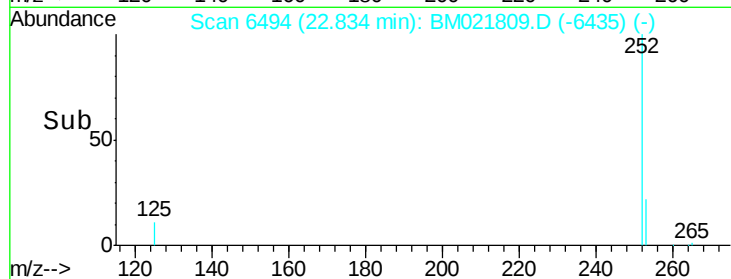
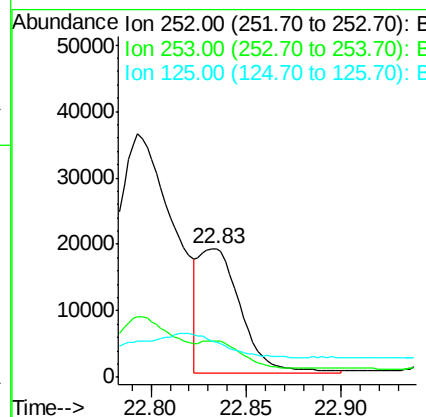
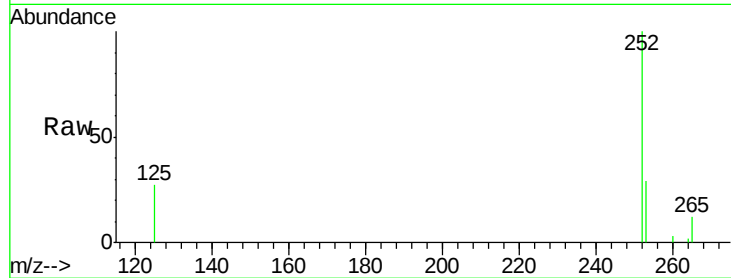
ClientSampleId :

BENS6

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	28.7	27.0	40.4
125	27.1	12.2	18.2

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#23

Benzo(a)pyrene

Concen: 2.054 ng/ul

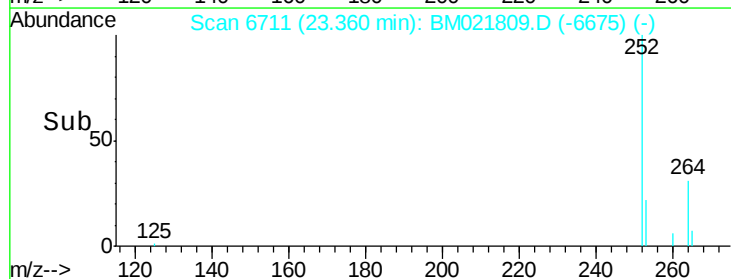
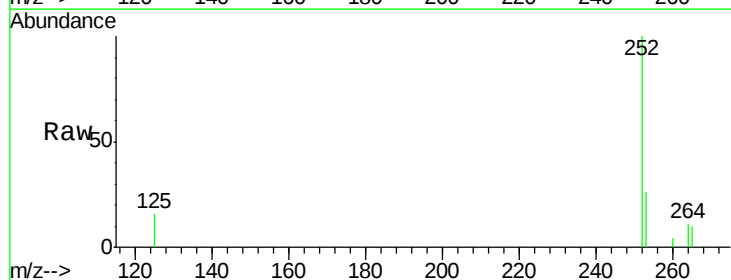
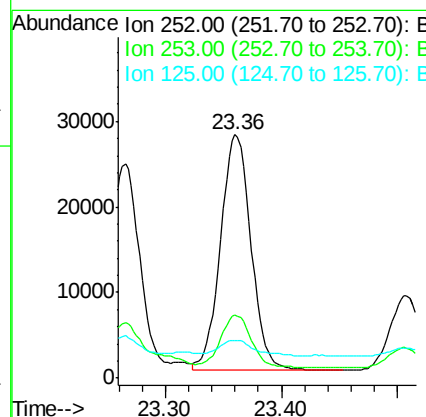
RT: 23.36 min Scan# 6711

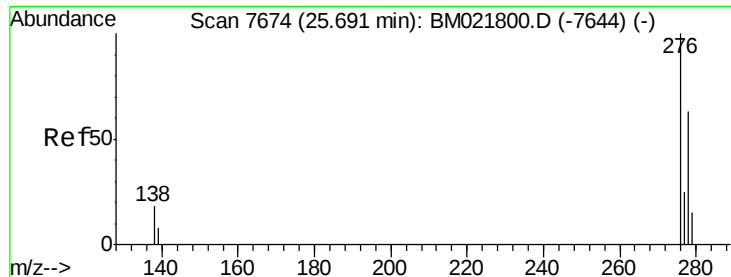
Delta R.T. -0.01 min

Lab File: BM021809.D

Acq: 04 Aug 2019 12:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	25.8	31.7	47.5
125	15.5	14.6	21.8





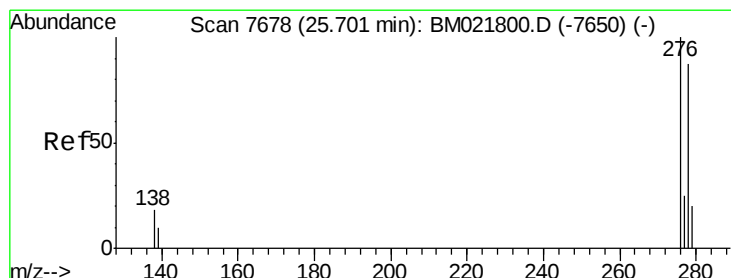
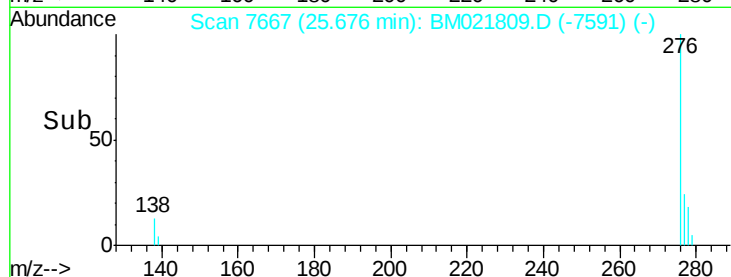
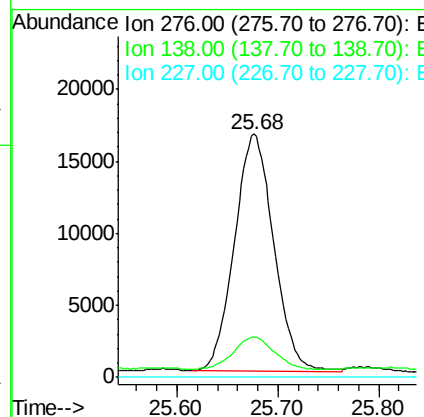
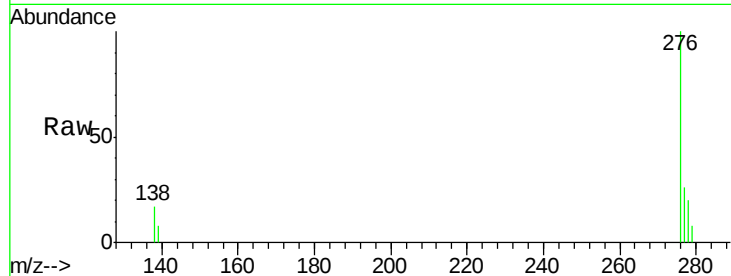
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.530 ng/u1
 RT: 25.68 min Scan# 7667
 Delta R.T. -0.02 min
 Lab File: BM021809.D
 Acq: 04 Aug 2019 12:57

Instrument :
 BNA_M
 ClientSampleId :
 BENS6

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

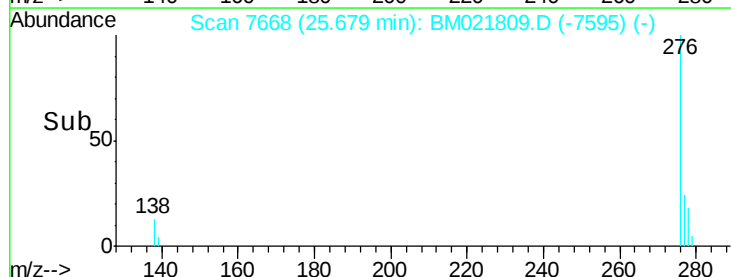
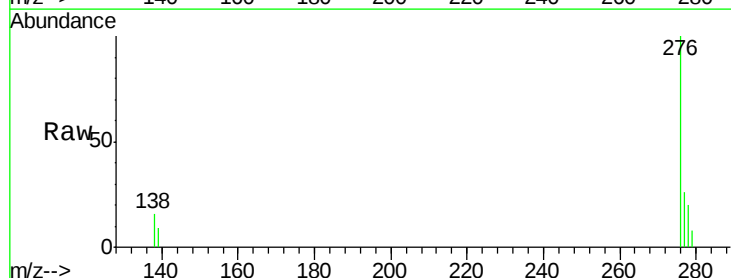
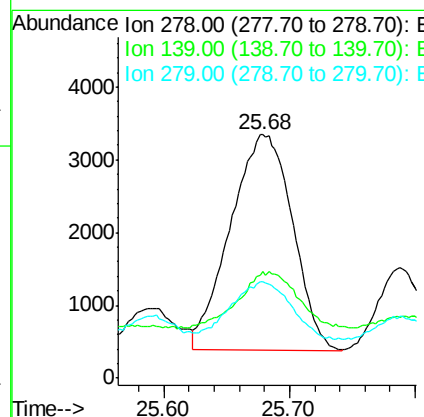
Manual Integrations
 APPROVED

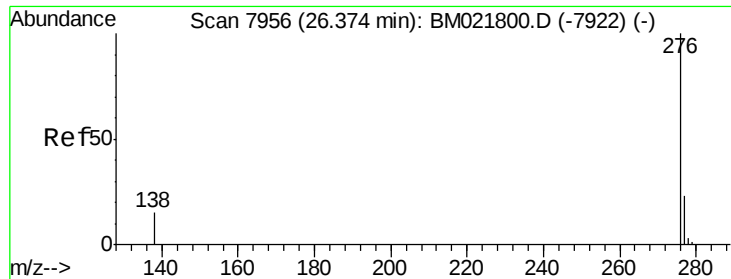
mohammad
 8/5/2019 10:15:29 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.432 ng/u1
 RT: 25.68 min Scan# 7668
 Delta R.T. -0.02 min
 Lab File: BM021809.D
 Acq: 04 Aug 2019 12:57

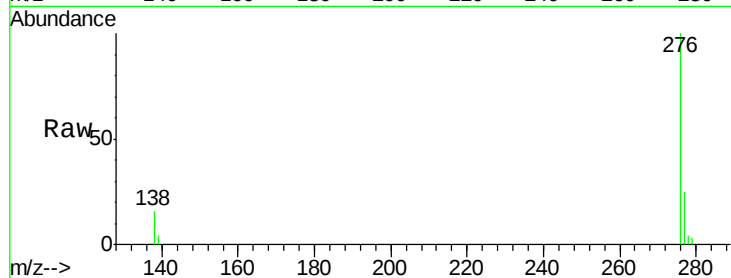
Tgt Ion	Ratio	Lower	Upper
278	100		
139	43.8	14.2	21.2#
279	39.6	28.3	42.5





#26
 Benzo(g,h,i)perylene
 Concen: 1.968 ng/ul
 RT: 26.36 min Scan# 7949
 Delta R.T. -0.02 min
 Lab File: BM021809.D
 Acq: 04 Aug 2019 12:57

Instrument :
 BNA_M
 ClientSampleId :
 BENS6



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	15.9	15.5	23.3	
277	25.3	21.4	32.2	

Manual Integrations
 APPROVED

mohammad
 8/5/2019 10:15:29 PM

