

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Data File : BM021810.D
 Acq On : 04 Aug 2019 13:34
 Operator : HP/JU
 Sample : K3850-14
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS1

Manual Integrations
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 8/5/2019 10:15:36 PM

Quant Time: Aug 05 06:41:24 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	996	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	3999	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.29	164	2394	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	6025	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	6340	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	6882m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	850	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	3022	0.15	ng/ul	-0.01
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	479	0.042	ng/ul#	71
5) 2-Methylnaphthalene	12.10	142	351	0.047	ng/ul	92
7) Acenaphthylene	14.01	152	2239	0.201	ng/ul	98
8) Acenaphthene	14.35	153	593	0.065	ng/ul	96
9) Fluorene	15.35	166	866	0.085	ng/ul#	98
12) Phenanthrene	17.08	178	16648	0.950	ng/ul	97
13) Anthracene	17.18	178	3702	0.248	ng/ul	96
15) Fluoranthene	19.11	202	42525	1.811	ng/ul	95
17) Pyrene	19.47	202	35517	1.363	ng/ul	98
18) Benzo(a)anthracene	21.22	228	20983	0.925	ng/ul	98
19) Chrysene	21.28	228	23909	0.820	ng/ul	97
21) Benzo(b)fluoranthene	22.79	252	35962m	1.550	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	13170m	0.501	ng/ul	
23) Benzo(a)pyrene	23.36	252	23343	0.989	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.67	276	19725	0.700	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.68	278	4558	0.200	ng/ul#	77
26) Benzo(g,h,i)perylene	26.35	276	18895	0.745	ng/ul	97

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

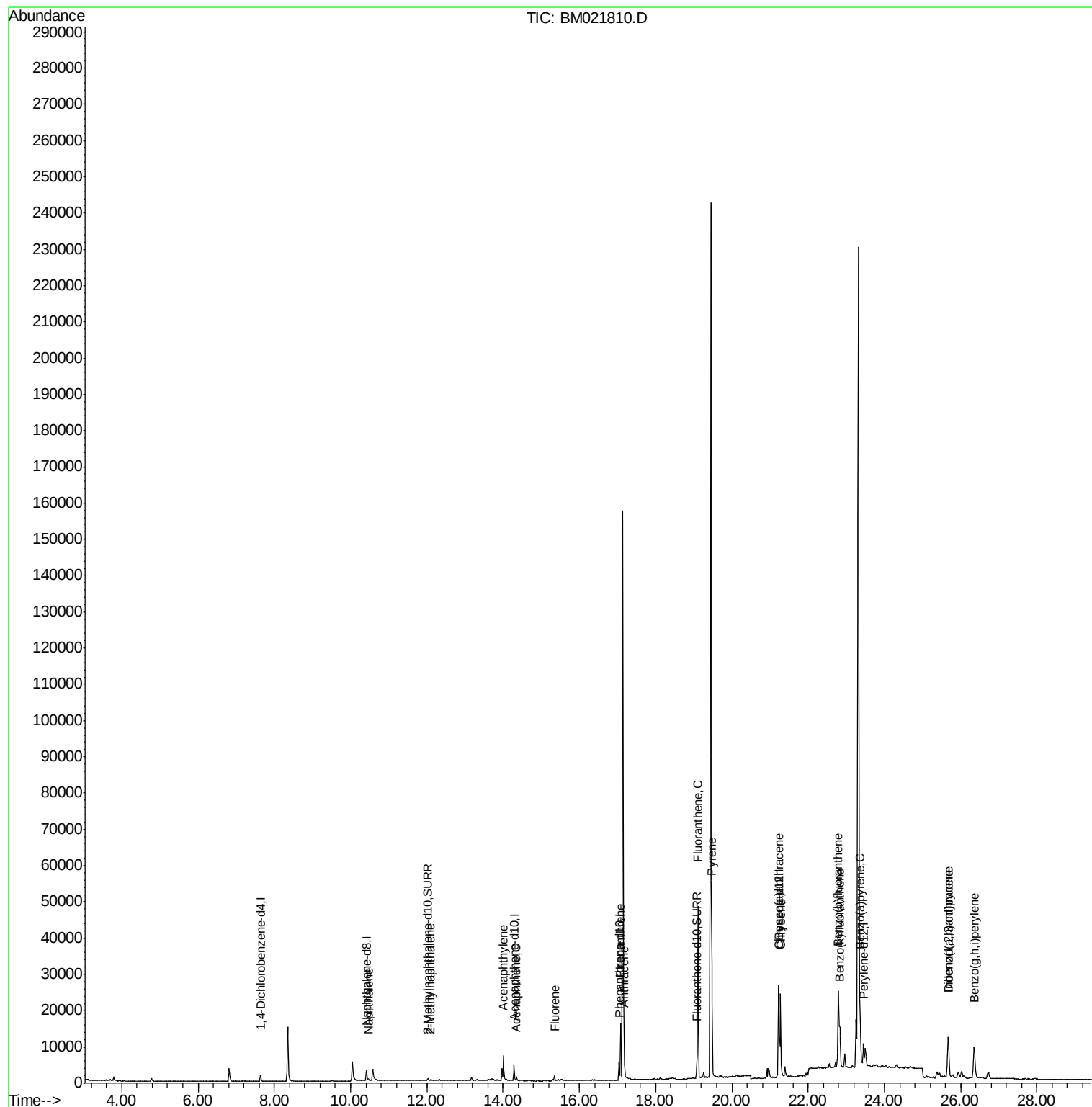
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021810.D
Acq On : 04 Aug 2019 13:34
Operator : HP/JU
Sample : K3850-14
Misc :
ALS Vial : 53 Sample Multiplier: 1

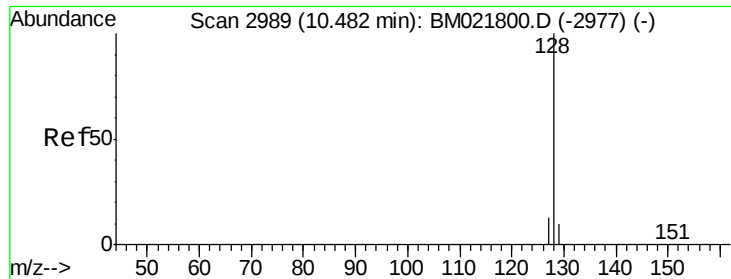
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.042 ng/ul

RT: 10.46 min Scan# 2985

Delta R.T. -0.02 min

Lab File: BM021810.D

Acq: 04 Aug 2019 13:34

Instrument :

BNA_M

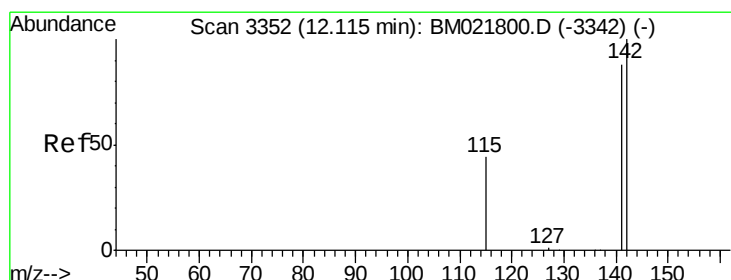
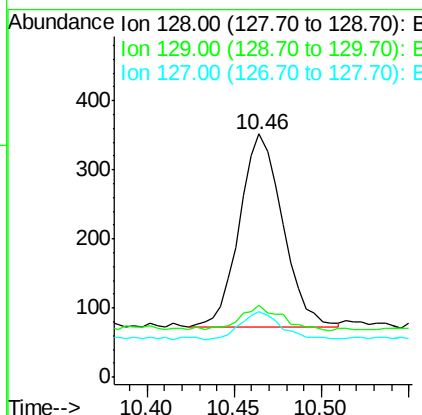
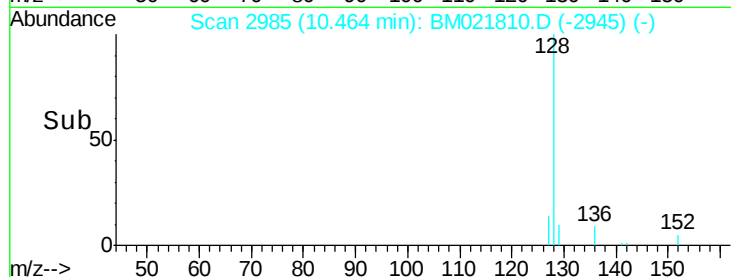
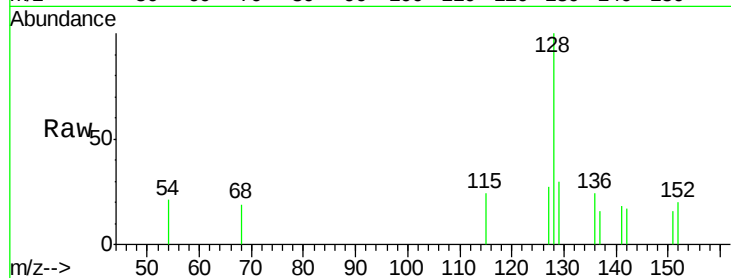
ClientSampleId :

BENS1

Tgt Ion:	128	Resp:	479
Ion Ratio	Lower	Upper	
128	100		
129	29.5	12.3	18.5#
127	26.7	13.0	19.6#

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#5

2-Methylnaphthalene

Concen: 0.047 ng/ul

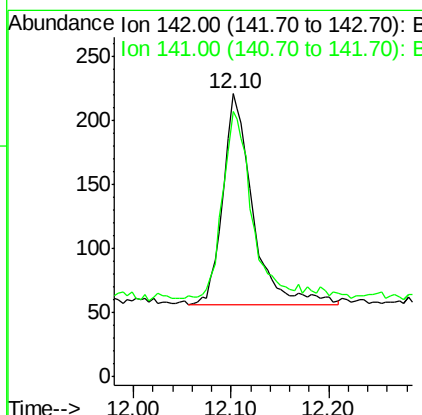
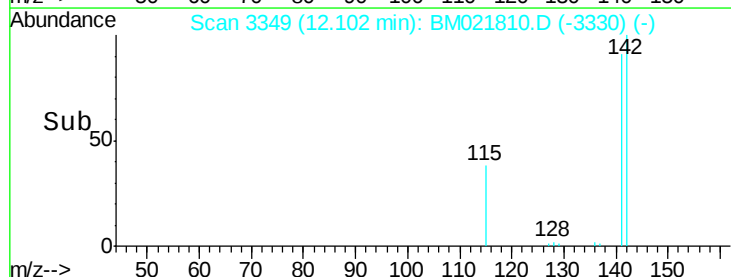
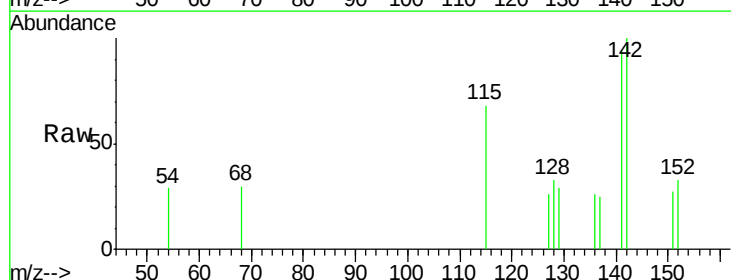
RT: 12.10 min Scan# 3349

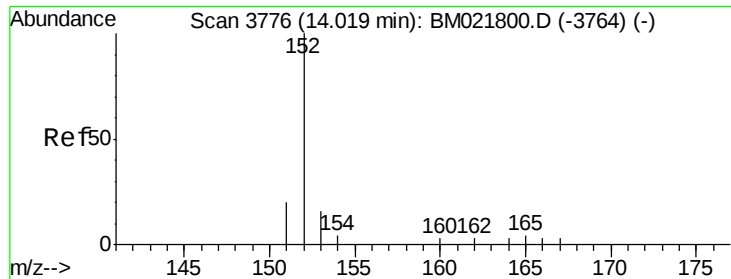
Delta R.T. -0.01 min

Lab File: BM021810.D

Acq: 04 Aug 2019 13:34

Tgt Ion:	142	Resp:	351
Ion Ratio	Lower	Upper	
142	100		
141	84.9	74.3	111.5





#7

Acenaphthylene

Concen: 0.201 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.01 min

Lab File: BM021810.D

Acq: 04 Aug 2019 13:34

Instrument :

BNA_M

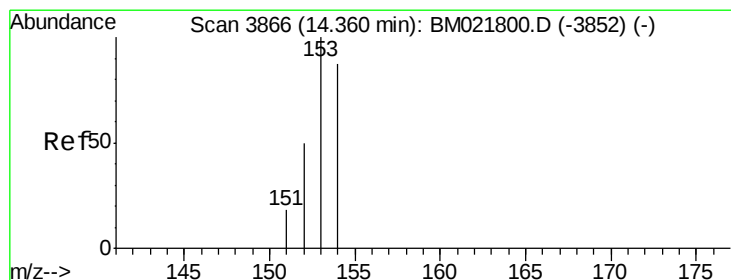
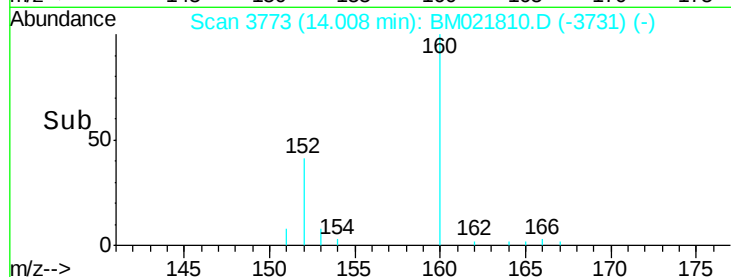
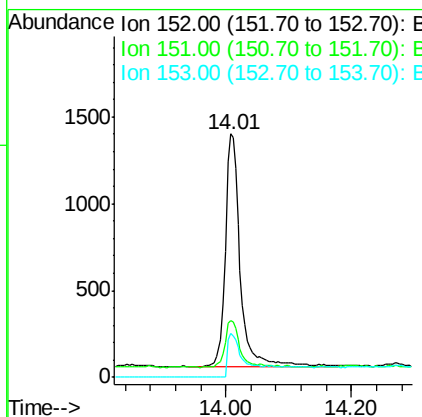
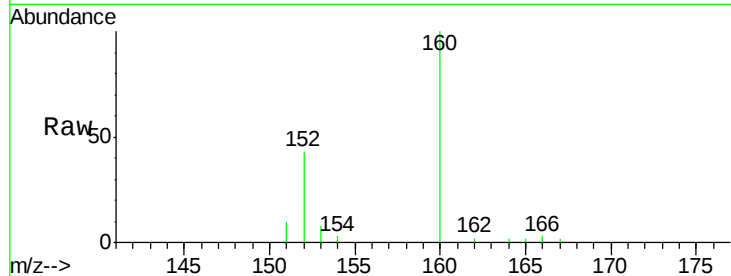
ClientSampleId :

BENS1

Tgt Ion:	152	Resp:	2239
Ion Ratio	Lower	Upper	
152	100		
151	23.2	18.3	27.5
153	17.9	12.8	19.2

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#8

Acenaphthene

Concen: 0.065 ng/ul

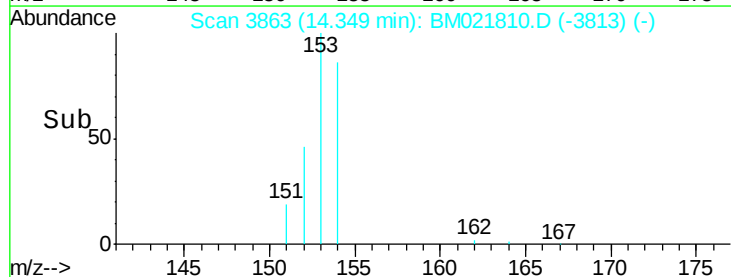
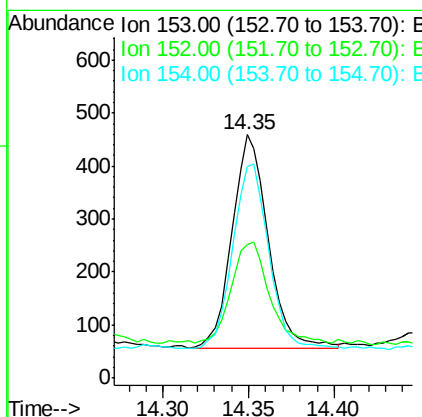
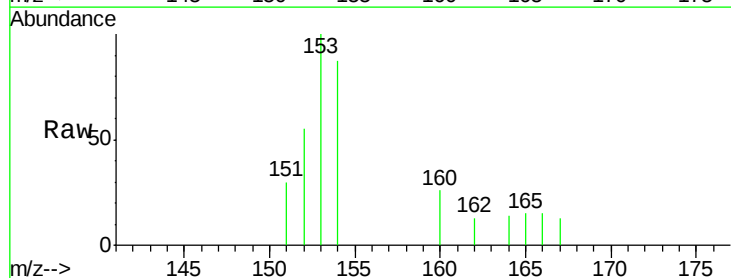
RT: 14.35 min Scan# 3863

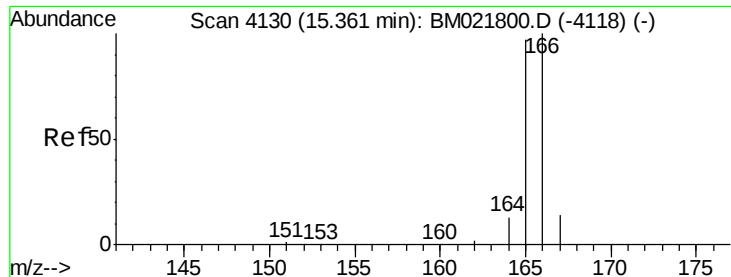
Delta R.T. -0.01 min

Lab File: BM021810.D

Acq: 04 Aug 2019 13:34

Tgt Ion:	153	Resp:	593
Ion Ratio	Lower	Upper	
153	100		
152	54.7	41.3	61.9
154	86.9	72.3	108.5





#9

Fluorene

Concen: 0.085 ng/ul

RT: 15.35 min Scan# 4126

Delta R.T. -0.02 min

Lab File: BM021810.D

Acq: 04 Aug 2019 13:34

Instrument :

BNA_M

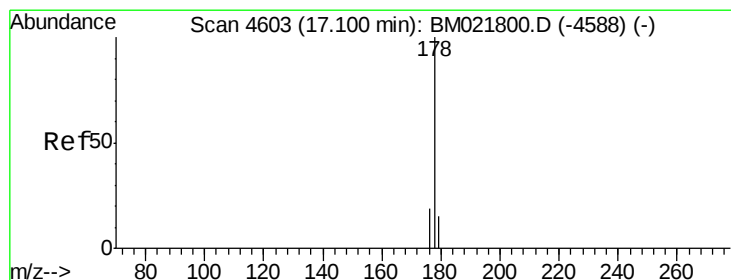
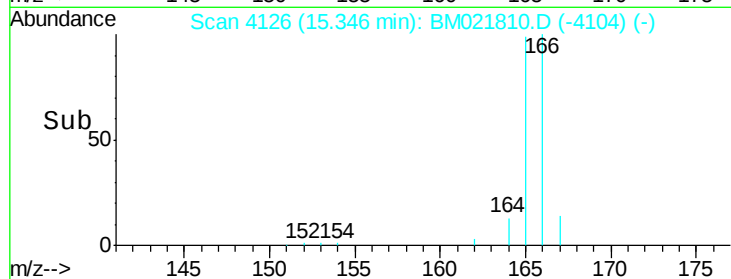
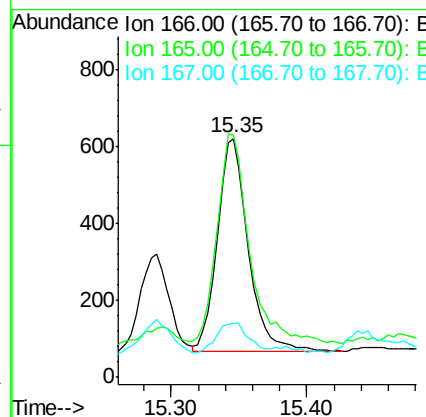
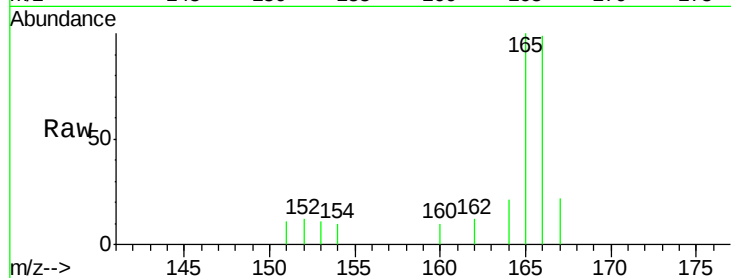
ClientSampleId :

BENS1

Tgt Ion:	166	Resp:	866
Ion Ratio	Lower	Upper	
166	100		
165	101.3	81.4	122.0
167	22.6	13.7	20.5

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#12

Phenanthrene

Concen: 0.950 ng/ul

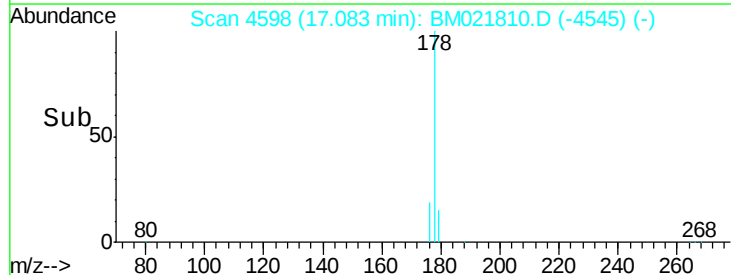
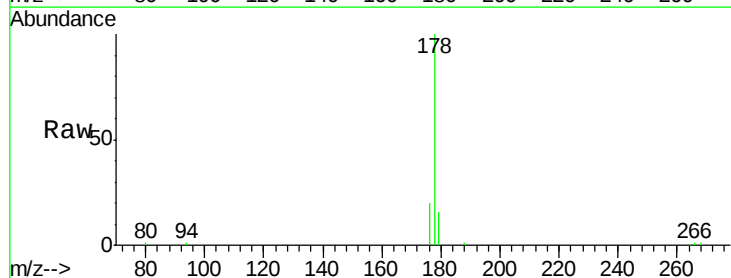
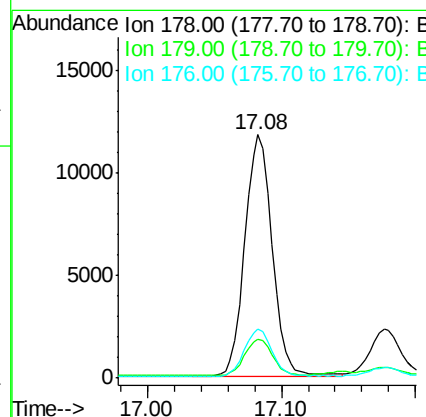
RT: 17.08 min Scan# 4598

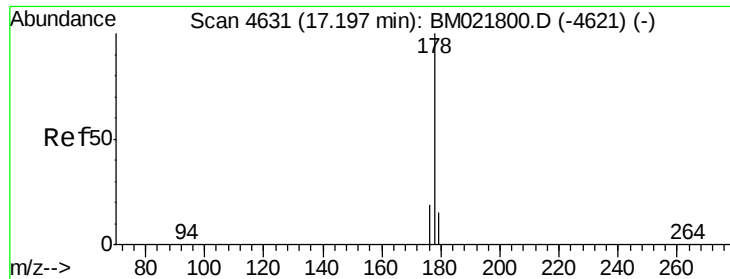
Delta R.T. -0.02 min

Lab File: BM021810.D

Acq: 04 Aug 2019 13:34

Tgt Ion:	178	Resp:	16648
Ion Ratio	Lower	Upper	
178	100		
179	16.0	14.2	21.2
176	19.9	16.8	25.2





#13

Anthracene

Concen: 0.248 ng/ul

RT: 17.18 min Scan# 4625

Delta R.T. -0.02 min

Lab File: BM021810.D

Acq: 04 Aug 2019 13:34

Instrument :

BNA_M

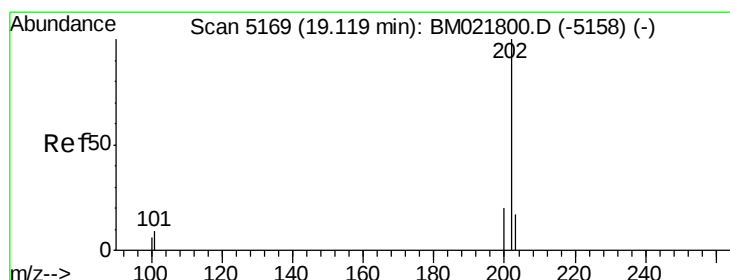
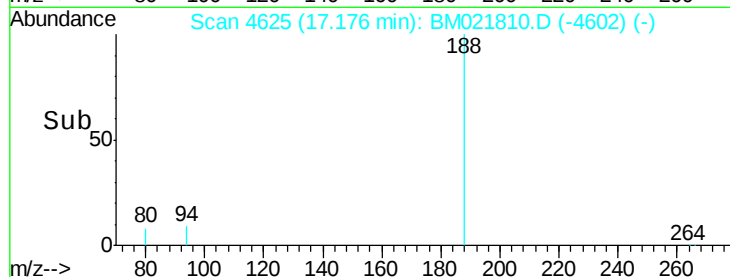
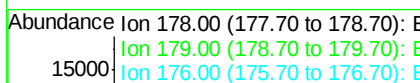
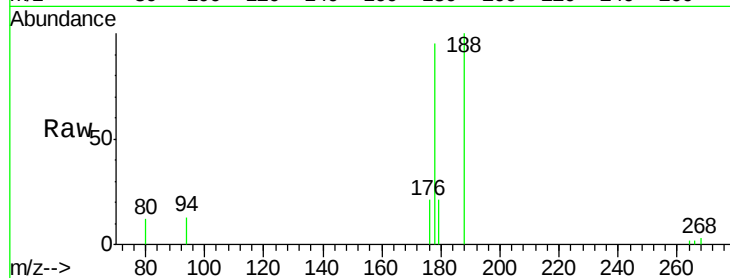
ClientSampleId :

BENS1

Tgt Ion:	178	Resp:	3702
Ion Ratio	Lower	Upper	
178	100		
179	21.6	15.5	23.3
176	21.9	16.6	25.0

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#15

Fluoranthene

Concen: 1.811 ng/ul

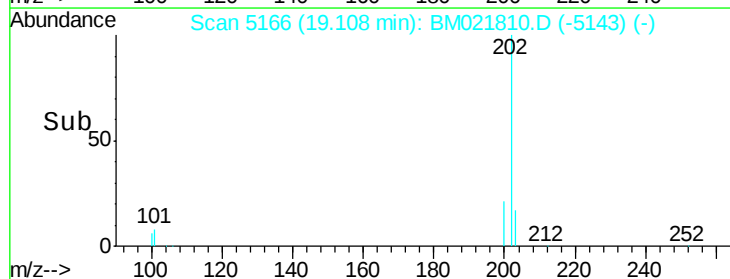
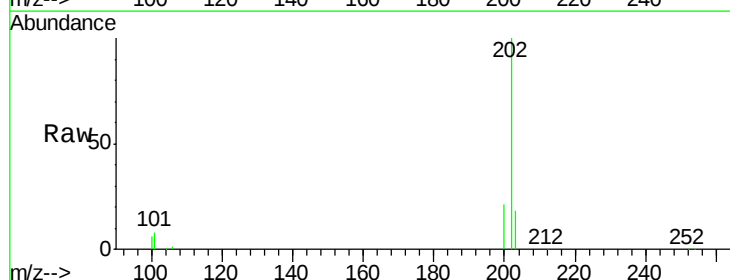
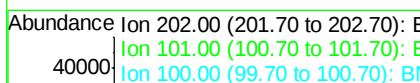
RT: 19.11 min Scan# 5166

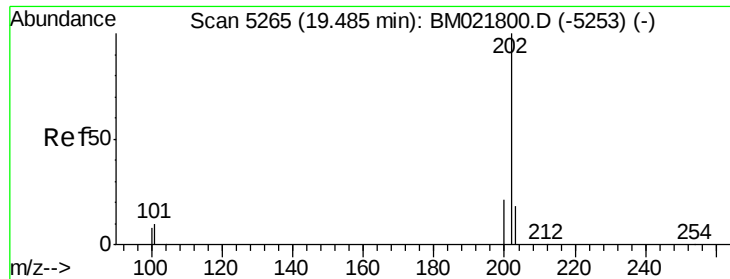
Delta R.T. -0.01 min

Lab File: BM021810.D

Acq: 04 Aug 2019 13:34

Tgt Ion:	202	Resp:	42525
Ion Ratio	Lower	Upper	
202	100		
101	8.2	0.0	30.2
100	6.1	0.0	28.1





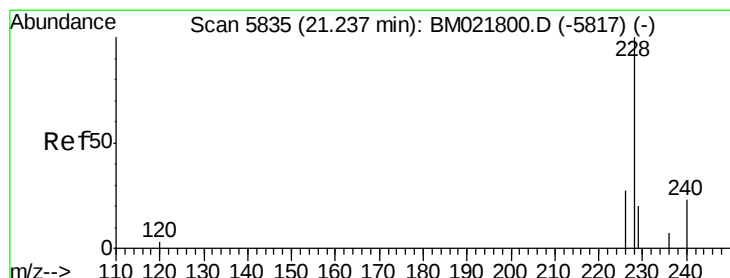
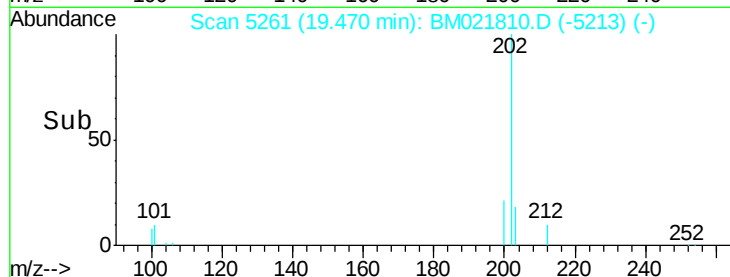
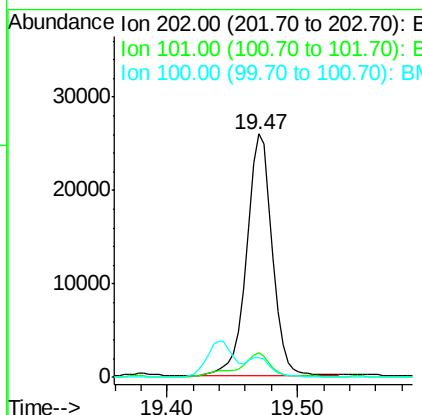
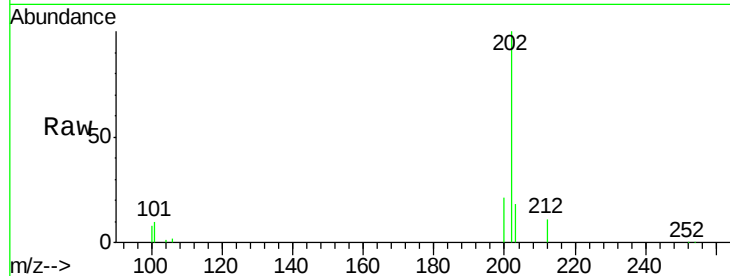
#17
Pyrene
Concen: 1.363 ng/u1
RT: 19.47 min Scan# 5261
Delta R.T. -0.02 min
Lab File: BM021810.D
Acq: 04 Aug 2019 13:34

Instrument :
BNA_M
ClientSampleId :
BENS1

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.9	8.3	12.5
100	8.2	7.2	10.8

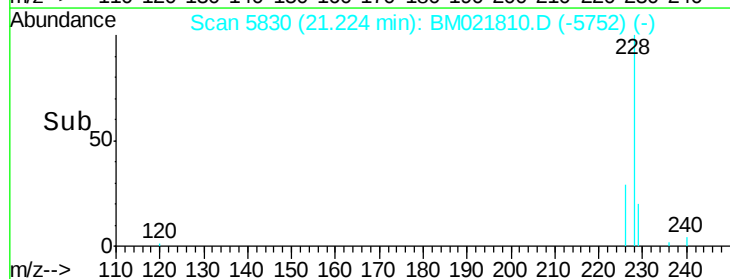
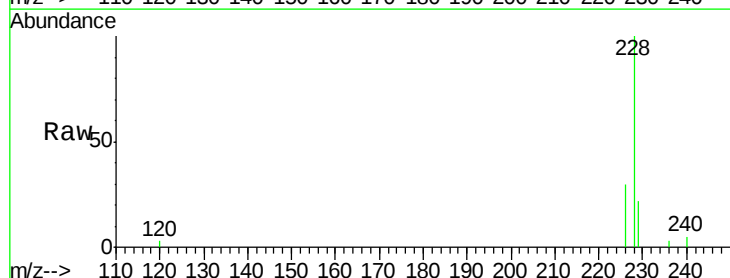
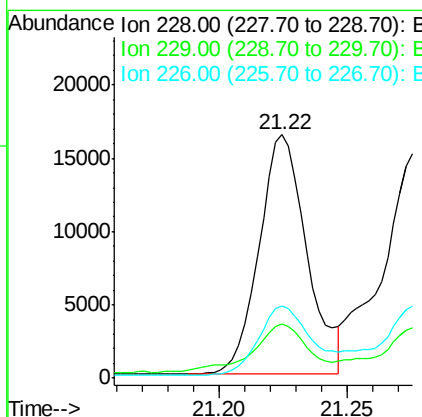
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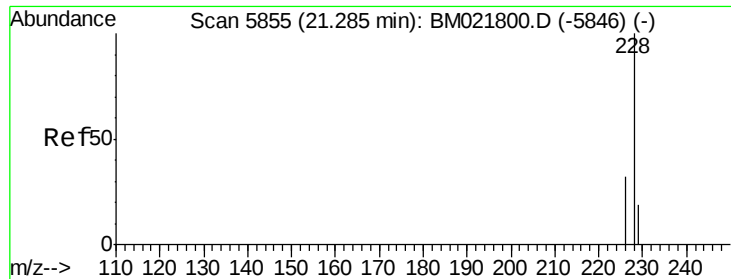
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#18
Benzo(a)anthracene
Concen: 0.925 ng/u1
RT: 21.22 min Scan# 5830
Delta R.T. -0.01 min
Lab File: BM021810.D
Acq: 04 Aug 2019 13:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.1	17.2	25.8
226	29.5	22.6	34.0





#19

Chrysene

Concen: 0.820 ng/ul

RT: 21.28 min Scan# 5851

Delta R.T. -0.01 min

Lab File: BM021810.D

Acq: 04 Aug 2019 13:34

Instrument :

BNA_M

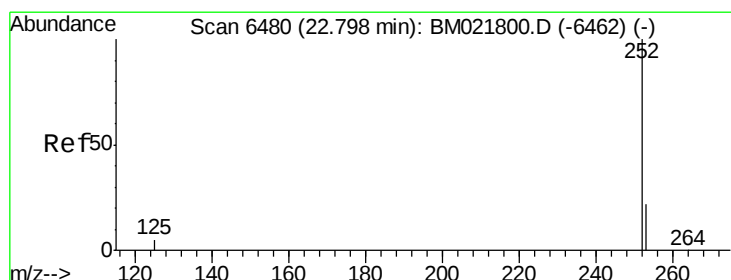
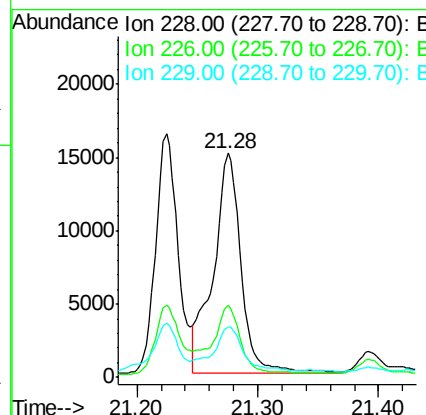
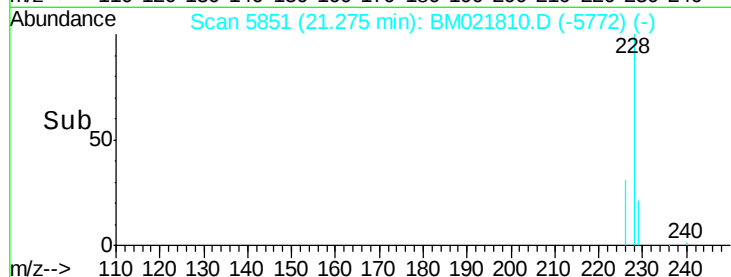
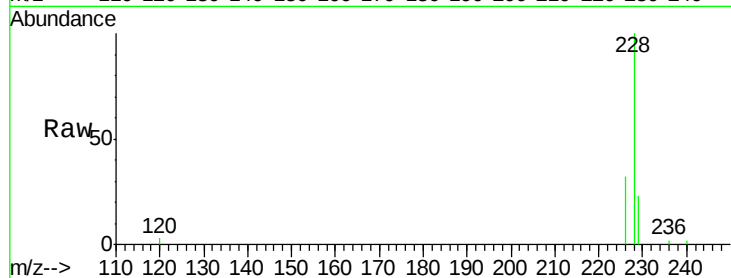
ClientSampleId :

BENS1

Tgt Ion:	228	Resp:	23909
Ion Ratio	Lower	Upper	
228	100		
226	32.2	24.9	37.3
229	22.7	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 1.550 ng/ul m

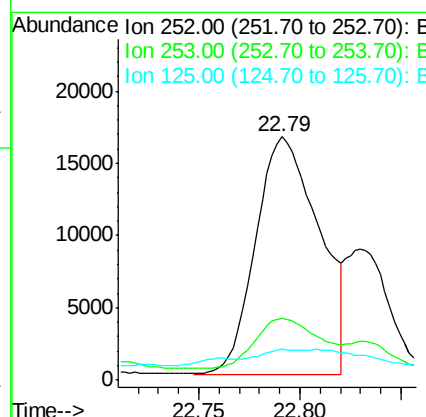
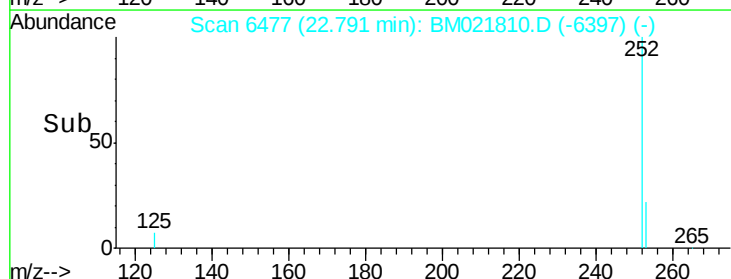
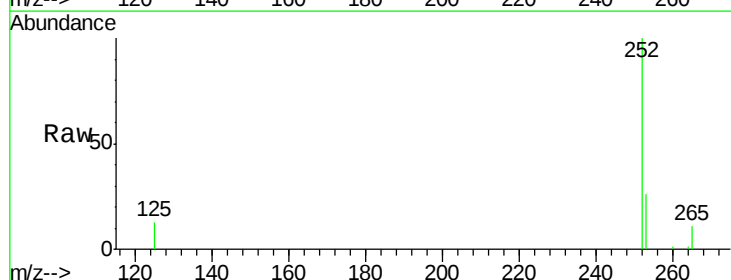
RT: 22.79 min Scan# 6477

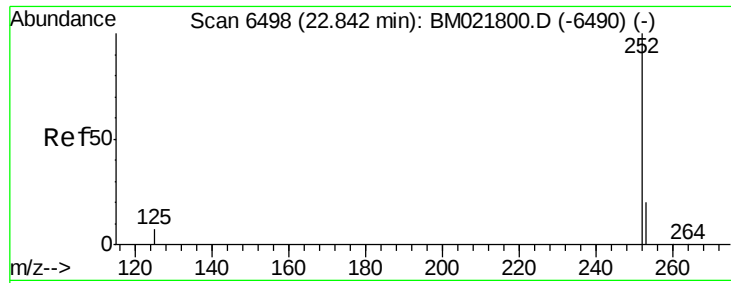
Delta R.T. -0.01 min

Lab File: BM021810.D

Acq: 04 Aug 2019 13:34

Tgt Ion:	252	Resp:	35962
Ion Ratio	Lower	Upper	
252	100		
253	25.6	0.0	67.4
125	12.5	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 0.501 ng/ul m

RT: 22.83 min Scan# 6493

Delta R.T. -0.01 min

Lab File: BM021810.D

Acq: 04 Aug 2019 13:34

Instrument :

BNA_M

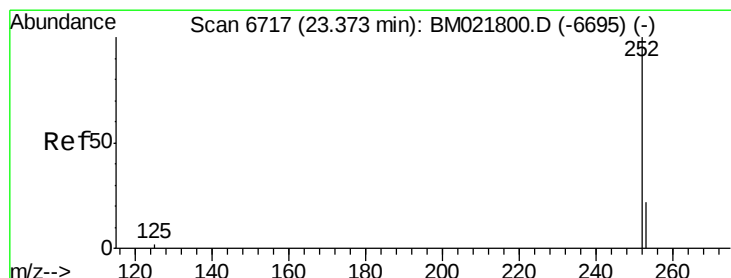
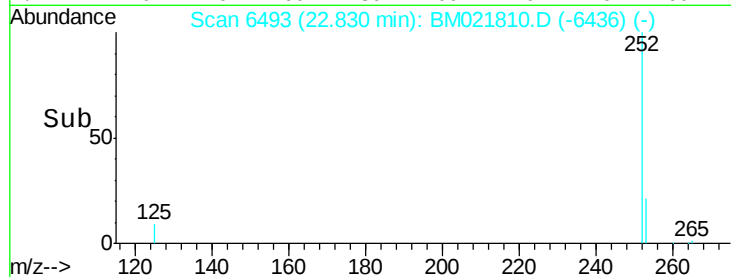
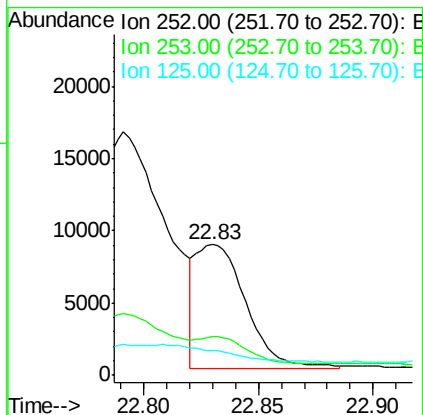
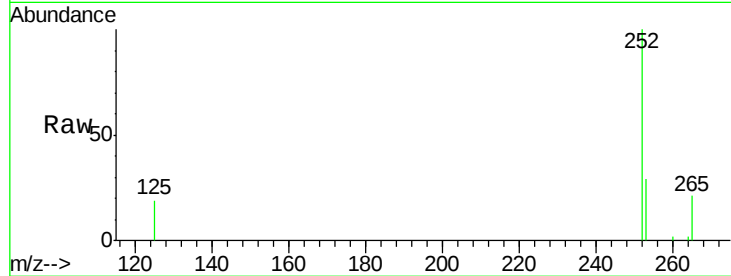
ClientSampleId :

BENS1

Tgt Ion:	252	Resp:	13170
Ion Ratio		Lower	Upper
252	100		
253	29.3	27.0	40.4
125	18.6	12.2	18.2#

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#23

Benzo(a)pyrene

Concen: 0.989 ng/ul

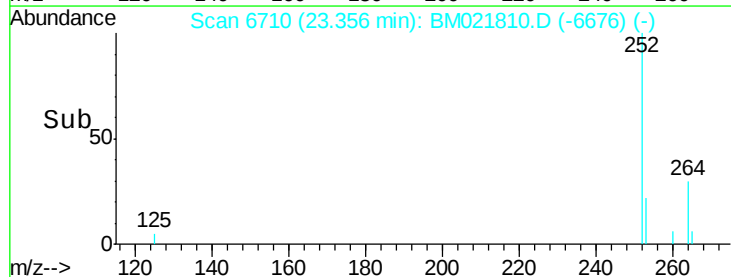
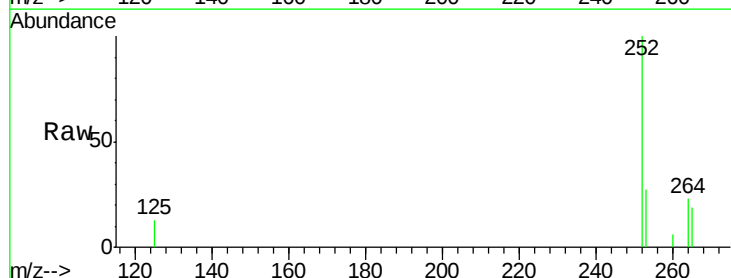
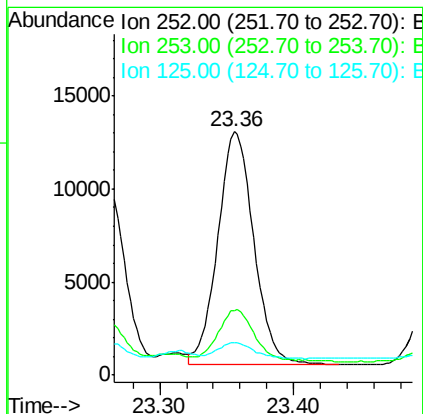
RT: 23.36 min Scan# 6710

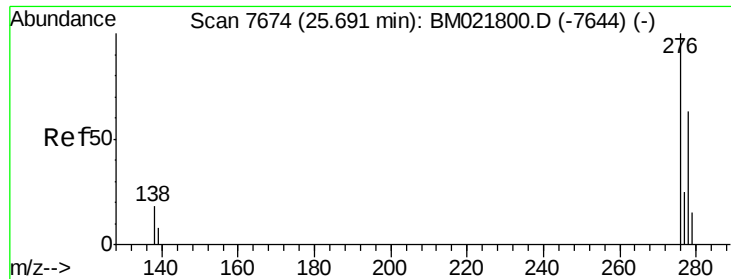
Delta R.T. -0.02 min

Lab File: BM021810.D

Acq: 04 Aug 2019 13:34

Tgt Ion:	252	Resp:	23343
Ion Ratio		Lower	Upper
252	100		
253	26.7	31.7	47.5#
125	13.4	14.6	21.8#





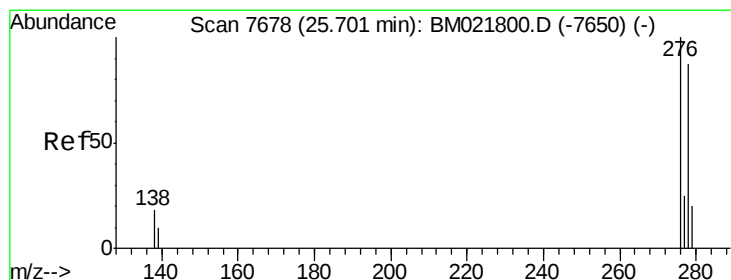
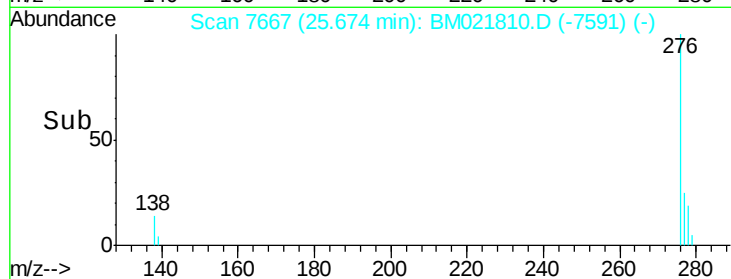
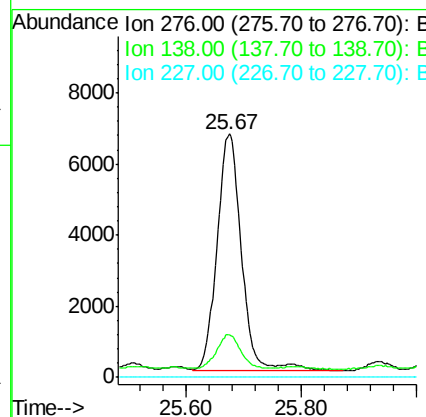
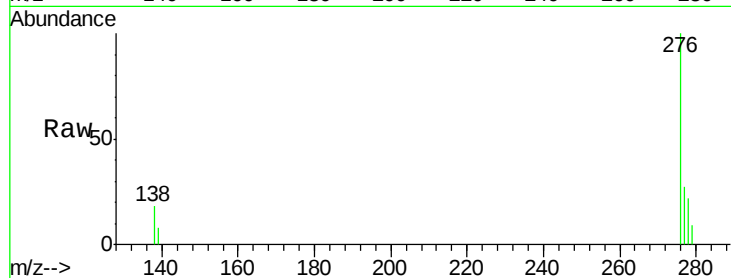
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.700 ng/u1
 RT: 25.67 min Scan# 7667
 Delta R.T. -0.02 min
 Lab File: BM021810.D
 Acq: 04 Aug 2019 13:34

Instrument :
 BNA_M
 ClientSampleId :
 BENS1

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.6	15.1	22.7#
227	0.0	0.0	0.0

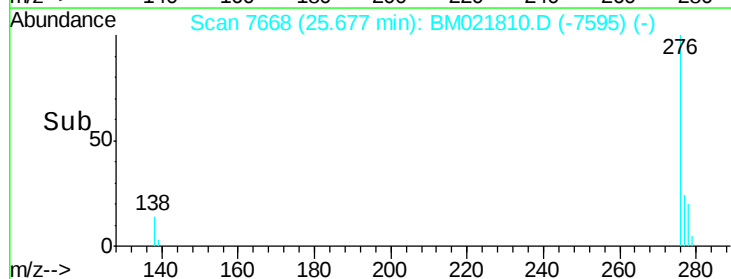
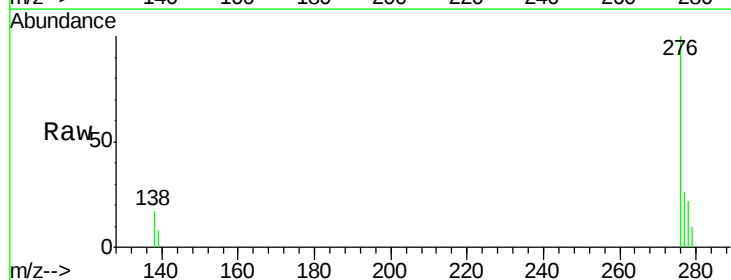
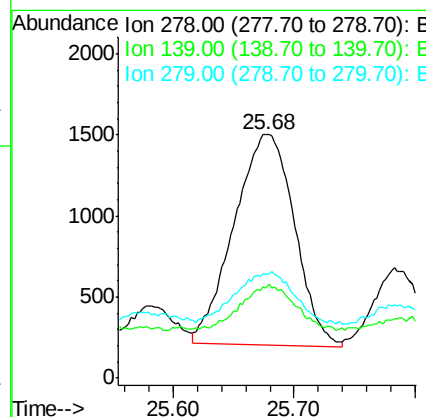
Manual Integrations
 APPROVED

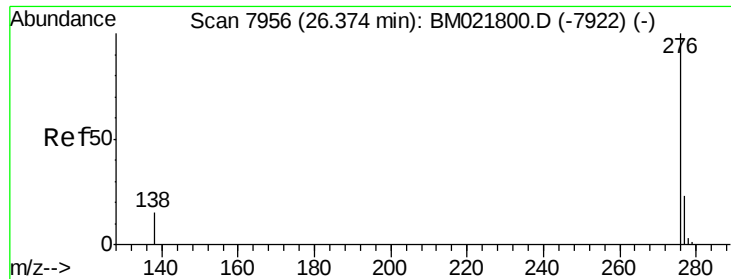
mohammad
 8/5/2019 10:15:36 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.200 ng/u1
 RT: 25.68 min Scan# 7668
 Delta R.T. -0.02 min
 Lab File: BM021810.D
 Acq: 04 Aug 2019 13:34

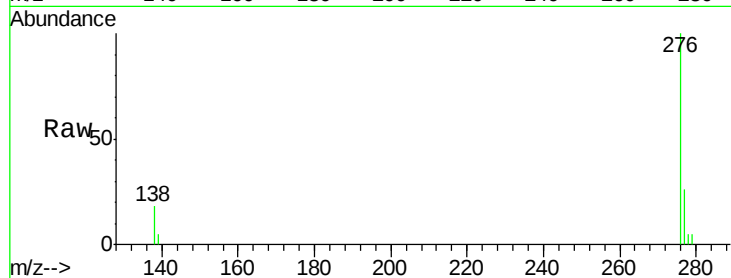
Tgt Ion	Ratio	Lower	Upper
278	100		
139	36.9	14.2	21.2#
279	43.0	28.3	42.5#





#26
 Benzo(g,h,i)perylene
 Concen: 0.745 ng/ul
 RT: 26.35 min Scan# 7947
 Delta R.T. -0.02 min
 Lab File: BM021810.D
 Acq: 04 Aug 2019 13:34

Instrument :
 BNA_M
 ClientSampleId :
 BENS1



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	17.6	15.5	23.3	
277	25.6	21.4	32.2	

Manual Integrations
 APPROVED

mohammad
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