

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
 Data File : BM021846.D
 Acq On : 05 Aug 2019 17:27
 Operator : HP/JU
 Sample : K3850-19DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS5DL

Manual Integrations
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Quant Time: Aug 05 18:08:02 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 17:14:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	938	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	3764	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2115	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	4878m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	5066m	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	7007	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	201	0.03	ng/ul	-0.02
14) Fluoranthene-d10	19.07	212	576m	0.04	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.46	128	1295	0.122	ng/ul	94
5) 2-Methylnaphthalene	12.09	142	996	0.141	ng/ul	95
7) Acenaphthylene	14.01	152	3953	0.401	ng/ul	99
8) Acenaphthene	14.35	153	591	0.073	ng/ul	95
9) Fluorene	15.34	166	982	0.110	ng/ul#	97
12) Phenanthrene	17.08	178	18954m	1.335	ng/ul	
13) Anthracene	17.18	178	4833m	0.399	ng/ul	
15) Fluoranthene	19.10	202	48345m	2.543	ng/ul	
17) Pyrene	19.47	202	42996	2.065	ng/ul	98
18) Benzo(a)anthracene	21.22	228	24404	1.347	ng/ul	95
19) Chrysene	21.28	228	28278	1.213	ng/ul	95
21) Benzo(b)fluoranthene	22.79	252	43410m	1.837	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	16186m	0.605	ng/ul	
23) Benzo(a)pyrene	23.36	252	28916	1.203	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.67	276	28047	0.978	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.68	278	6231	0.269	ng/ul#	78
26) Benzo(g,h,i)perylene	26.35	276	32855	1.272	ng/ul	97

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

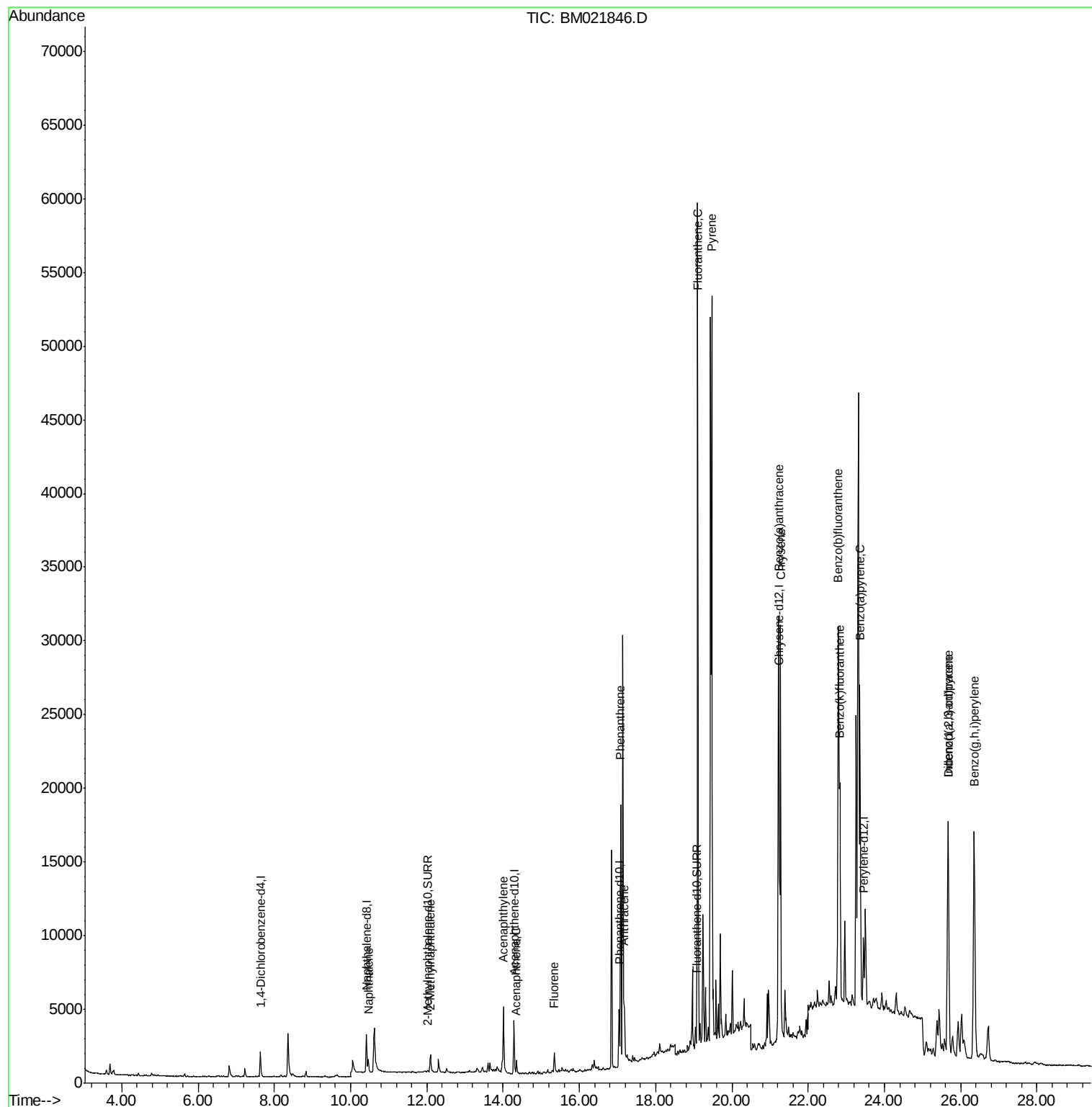
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Data File : BM021846.D
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Sample : K3850-19DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

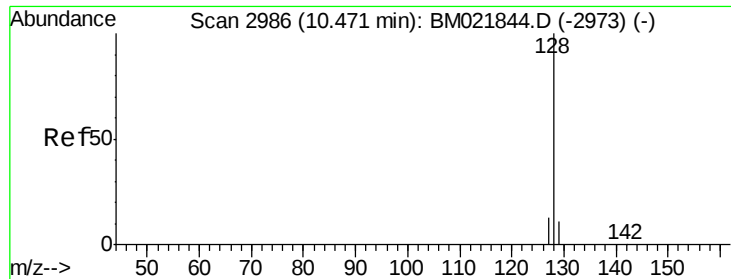
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
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QLast Update : Mon Aug 05 17:14:32 2019
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#3

Naphthalene

Concen: 0.122 ng/ul

RT: 10.46 min Scan# 2985

Delta R.T. -0.02 min

Lab File: BM021846.D

Acq: 05 Aug 2019 17:27

Instrument :

BNA_M

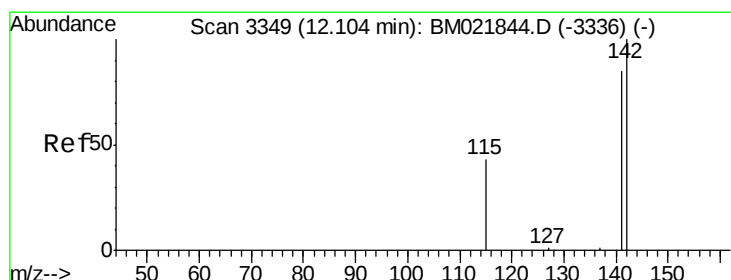
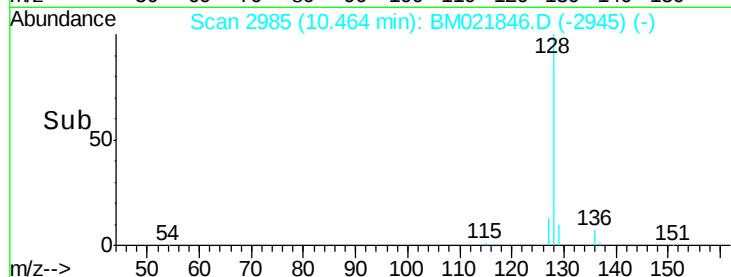
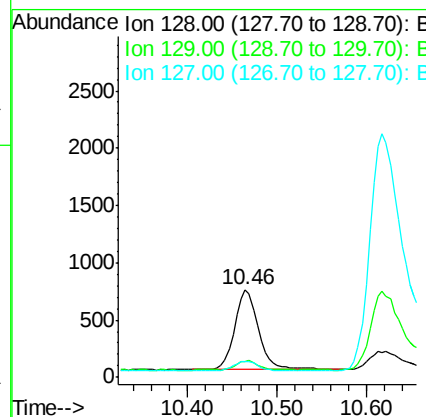
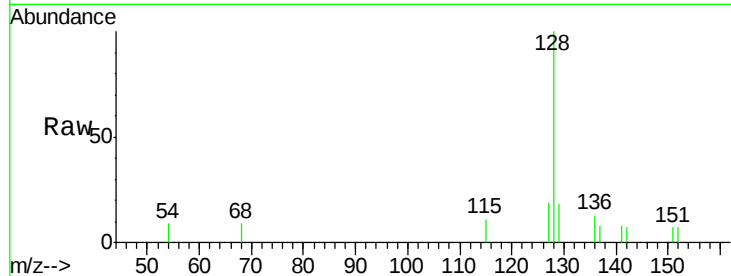
ClientSampleId :

BENS5DL

Tgt Ion:	128	Resp:	1295
Ion Ratio	Lower	Upper	
128	100		
129	18.1	12.3	18.5
127	18.7	13.0	19.6

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#5

2-Methylnaphthalene

Concen: 0.141 ng/ul

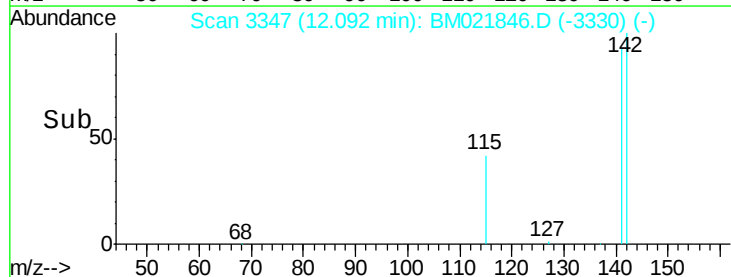
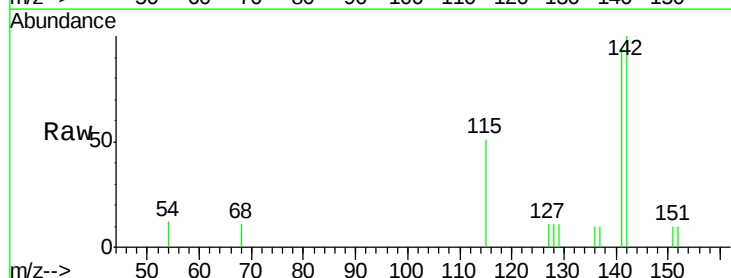
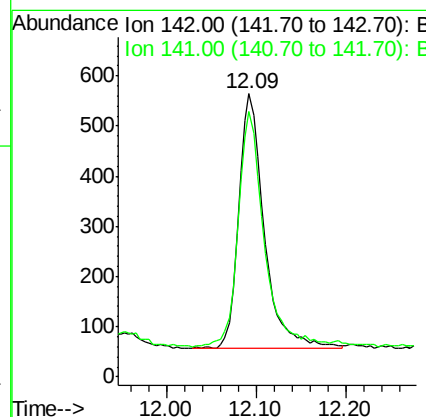
RT: 12.09 min Scan# 3347

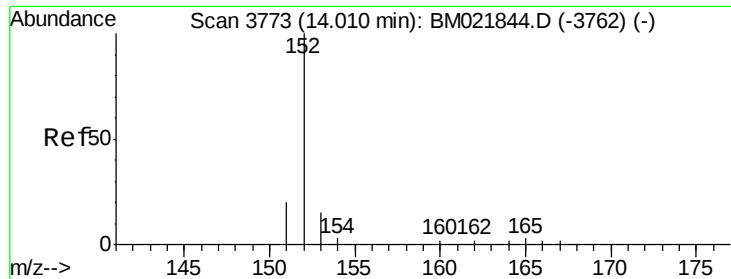
Delta R.T. -0.02 min

Lab File: BM021846.D

Acq: 05 Aug 2019 17:27

Tgt Ion:	142	Resp:	996
Ion Ratio	Lower	Upper	
142	100		
141	97.4	74.3	111.5





#7

Acenaphthylene

Concen: 0.401 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.01 min

Lab File: BM021846.D

Acq: 05 Aug 2019 17:27

Instrument :

BNA_M

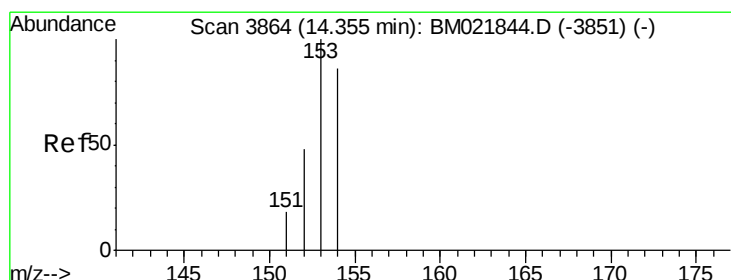
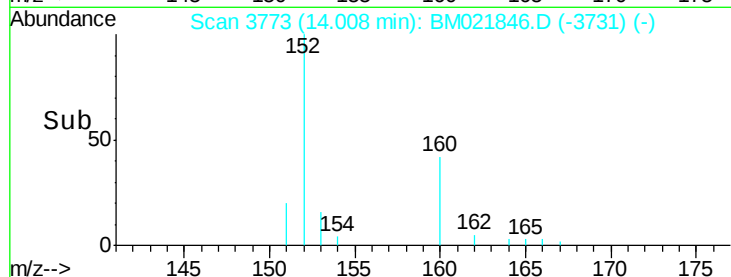
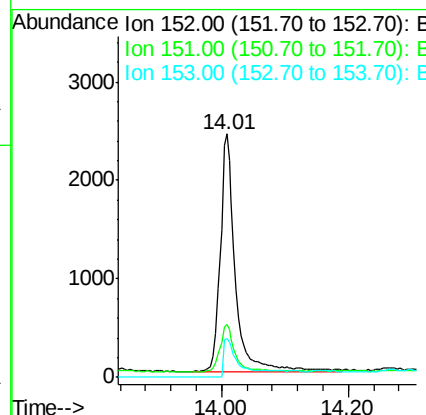
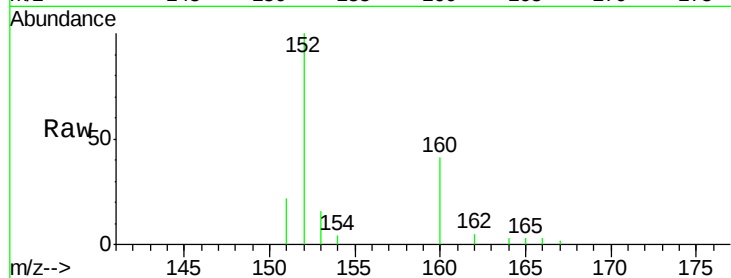
ClientSampleId :

BENS5DL

Tgt Ion:	152	Resp:	3953
Ion Ratio	Lower	Upper	
152	100		
151	21.8	18.3	27.5
153	15.9	12.8	19.2

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#8

Acenaphthene

Concen: 0.073 ng/ul

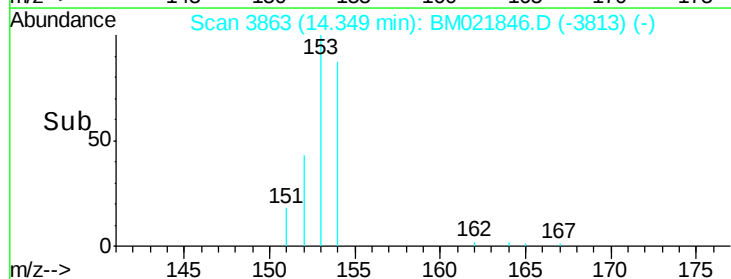
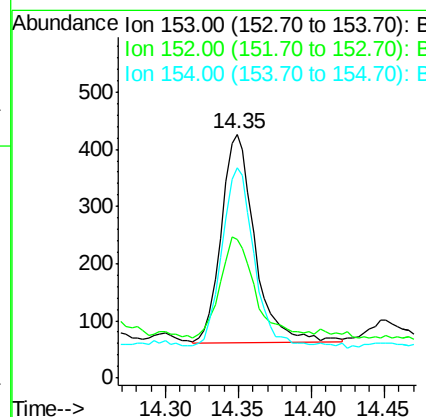
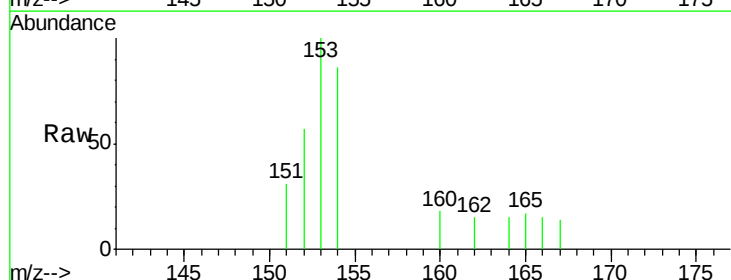
RT: 14.35 min Scan# 3863

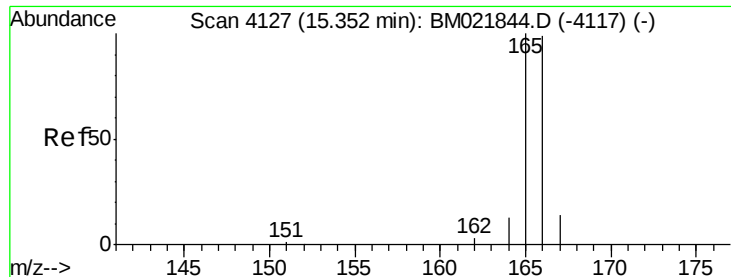
Delta R.T. -0.01 min

Lab File: BM021846.D

Acq: 05 Aug 2019 17:27

Tgt Ion:	153	Resp:	591
Ion Ratio	Lower	Upper	
153	100		
152	56.8	41.3	61.9
154	86.4	72.3	108.5





#9

Fluorene

Concen: 0.110 ng/ul

RT: 15.34 min Scan# 4125

Delta R.T. -0.02 min

Lab File: BM021846.D

Acq: 05 Aug 2019 17:27

Instrument :

BNA_M

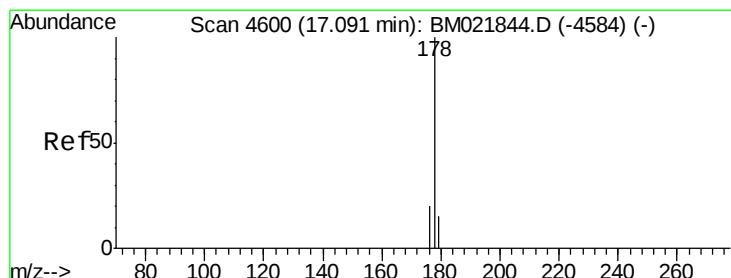
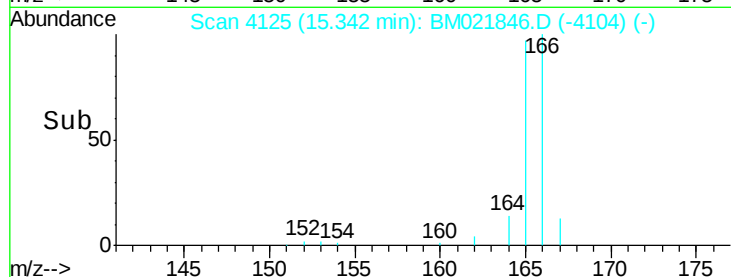
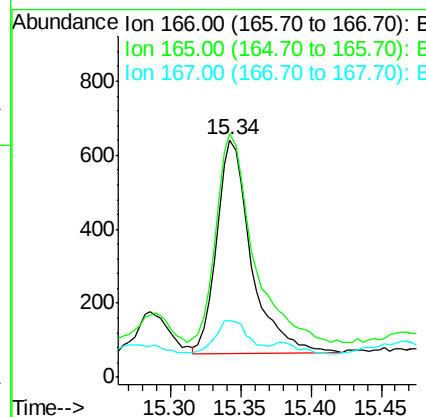
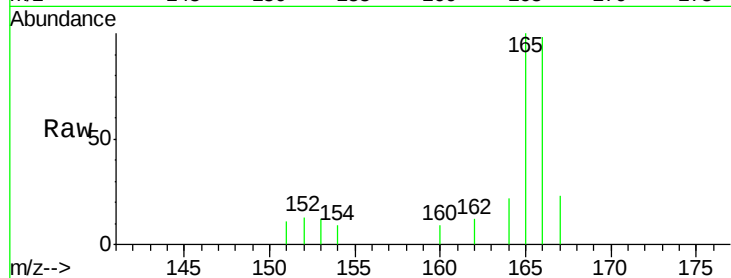
ClientSampleId :

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Tgt Ion:	166	Resp:	982
Ion Ratio	Lower	Upper	
166	100		
165	102.5	81.4	122.0
167	24.0	13.7	20.5#

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#12

Phenanthrene

Concen: 1.335 ng/ul m

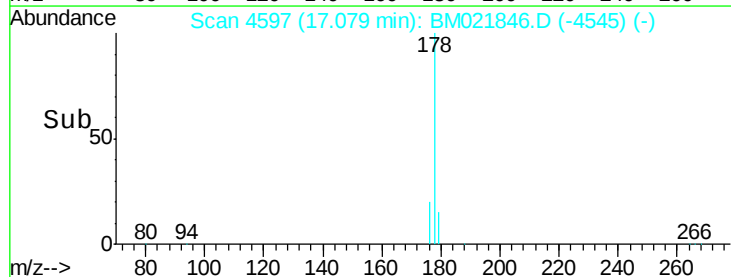
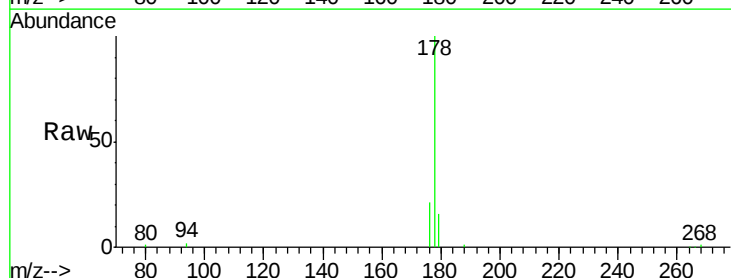
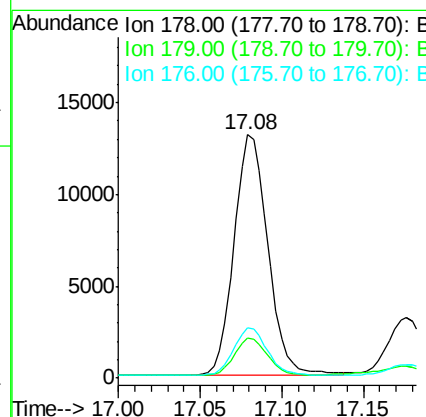
RT: 17.08 min Scan# 4597

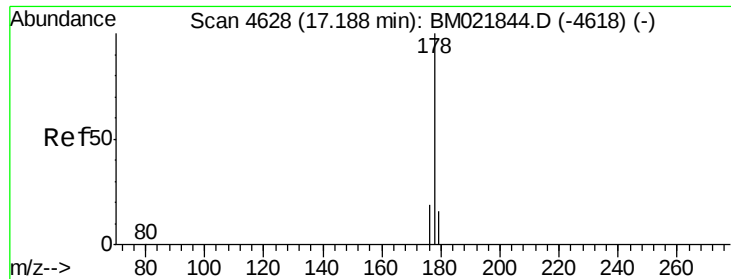
Delta R.T. -0.02 min

Lab File: BM021846.D

Acq: 05 Aug 2019 17:27

Tgt Ion:	178	Resp:	18954
Ion Ratio	Lower	Upper	
178	100		
179	16.2	14.2	21.2
176	20.7	16.8	25.2





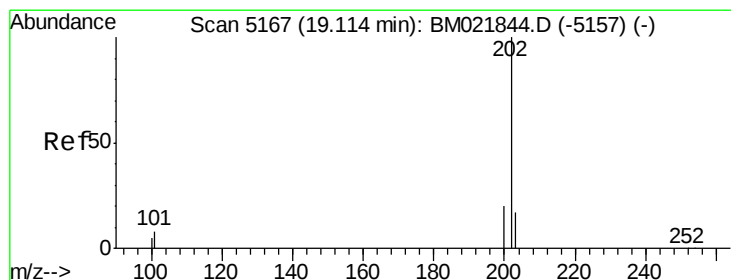
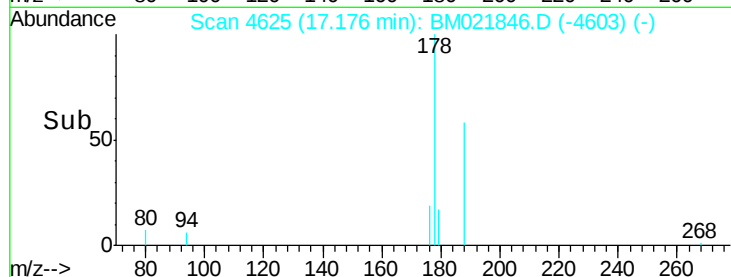
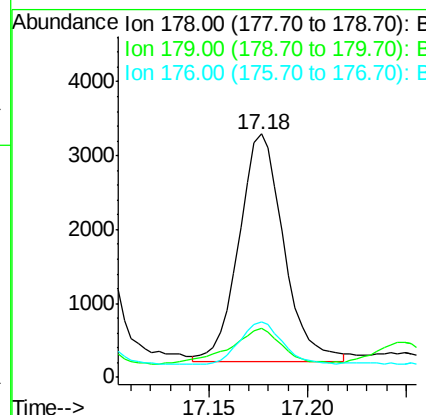
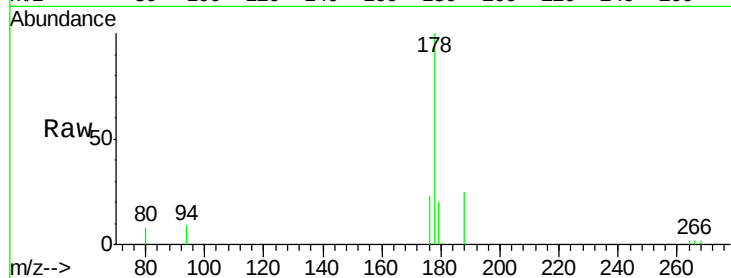
#13
 Anthracene
 Concen: 0.399 ng/ul m
 RT: 17.18 min Scan# 4625
 Delta R.T. -0.02 min
 Lab File: BM021846.D
 Acq: 05 Aug 2019 17:27

Instrument :
 BNA_M
 ClientSampleId :
 BENS5DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.9	15.5	23.3
176	22.8	16.6	25.0

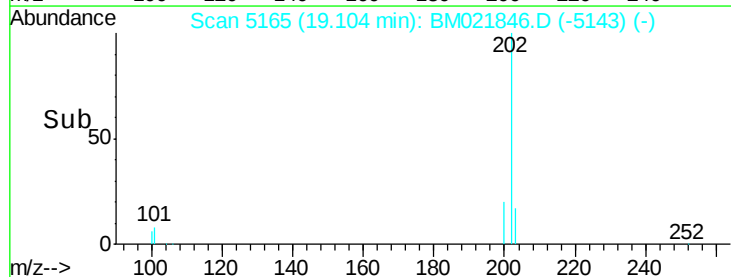
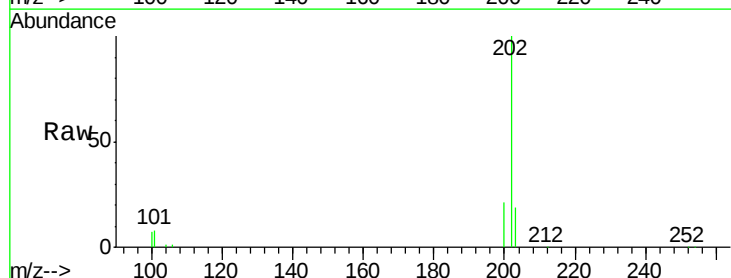
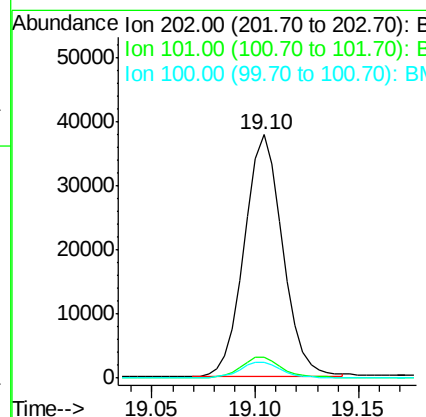
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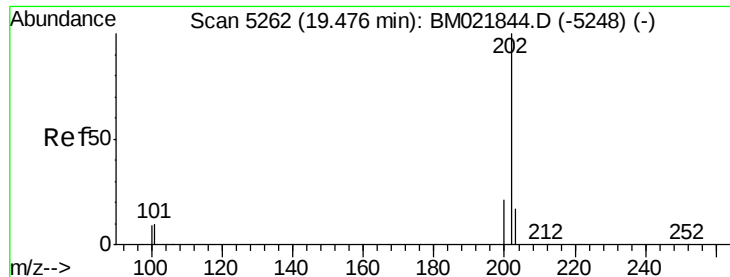
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#15
 Fluoranthene
 Concen: 2.543 ng/ul m
 RT: 19.10 min Scan# 5165
 Delta R.T. -0.02 min
 Lab File: BM021846.D
 Acq: 05 Aug 2019 17:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	30.2
100	6.5	0.0	28.1





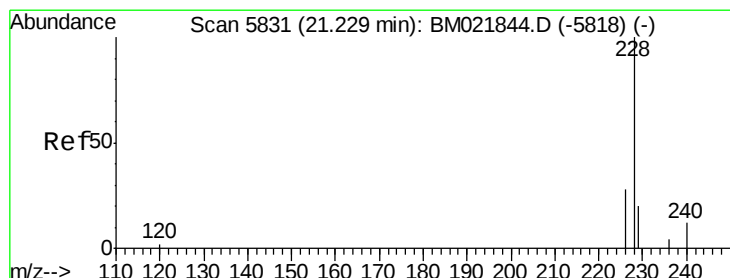
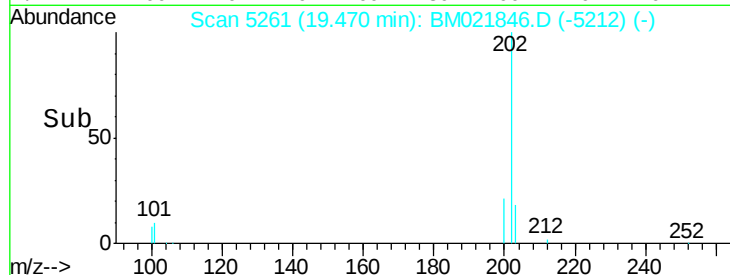
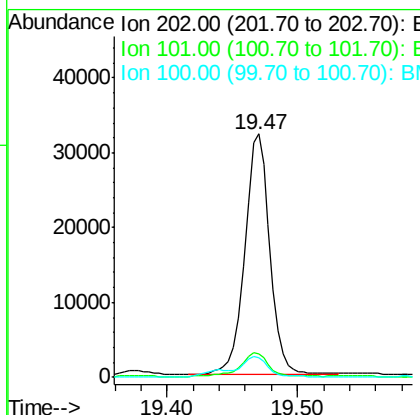
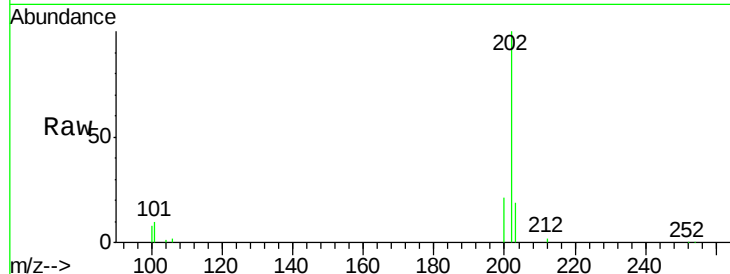
#17
Pyrene
 Concen: 2.065 ng/ul
 RT: 19.47 min Scan# 5261
 Delta R.T. -0.01 min
 Lab File: BM021846.D
 Acq: 05 Aug 2019 17:27

Instrument :
 BNA_M
 ClientSampleId :
 BENS5DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.8	8.3	12.5
100	8.0	7.2	10.8

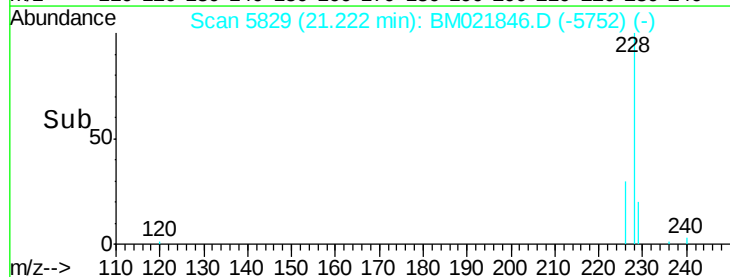
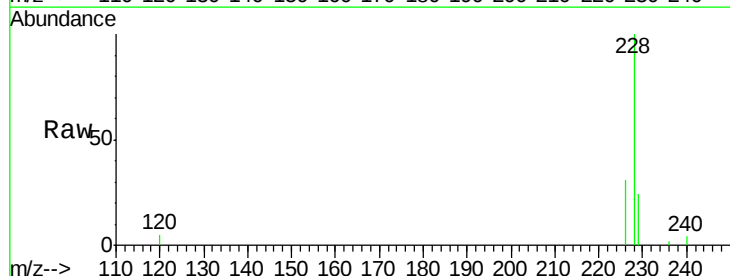
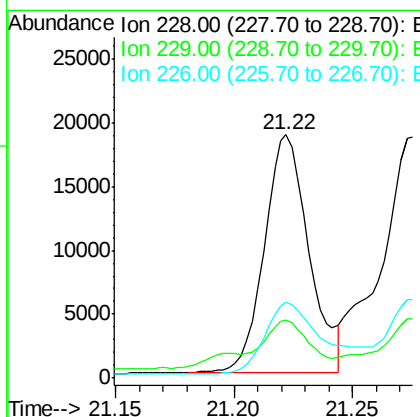
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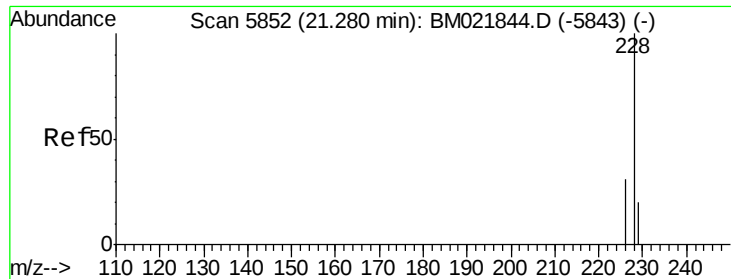
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#18
Benzo(a)anthracene
 Concen: 1.347 ng/ul
 RT: 21.22 min Scan# 5829
 Delta R.T. -0.01 min
 Lab File: BM021846.D
 Acq: 05 Aug 2019 17:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	23.8	17.2	25.8
226	31.0	22.6	34.0





#19

Chrysene

Concen: 1.213 ng/ul

RT: 21.28 min Scan# 5851

Delta R.T. -0.01 min

Lab File: BM021846.D

Acq: 05 Aug 2019 17:27

Instrument :

BNA_M

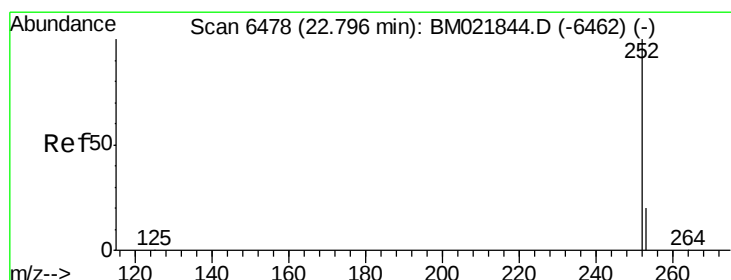
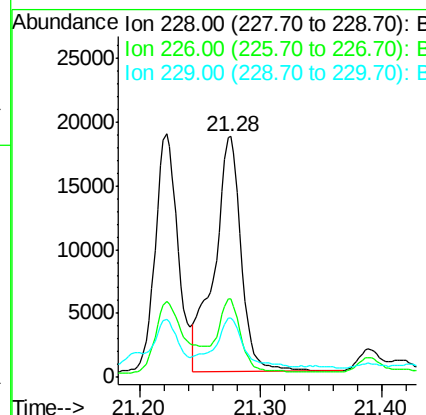
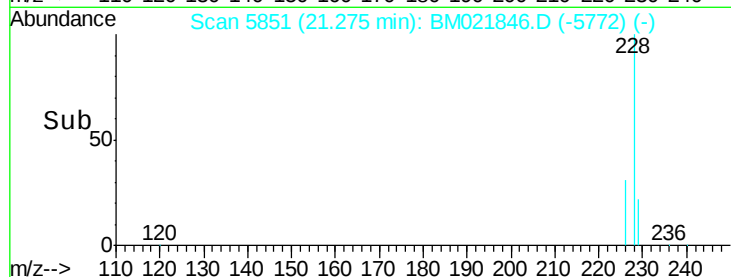
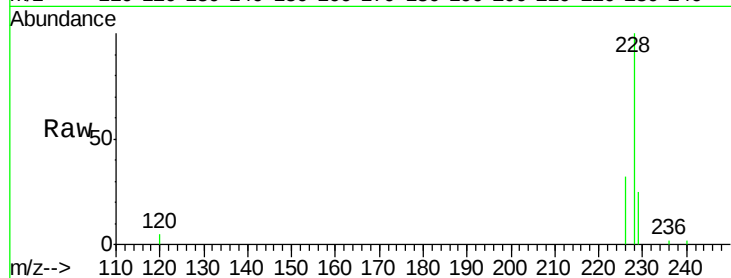
ClientSampleId :

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Tgt Ion:	228	Resp:	28278
Ion Ratio	Lower	Upper	
228	100		
226	32.5	24.9	37.3
229	24.6	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 1.837 ng/ul m

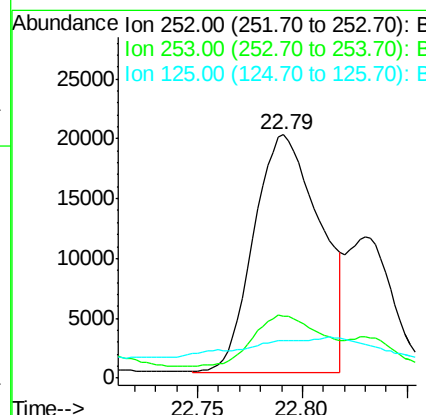
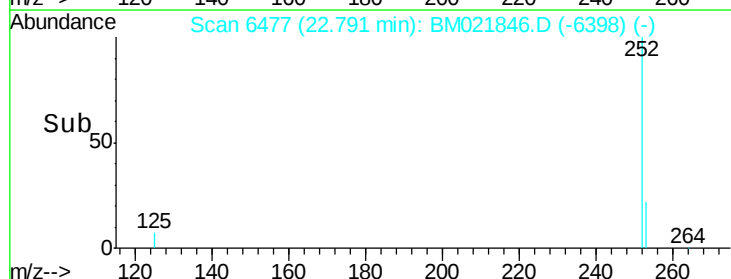
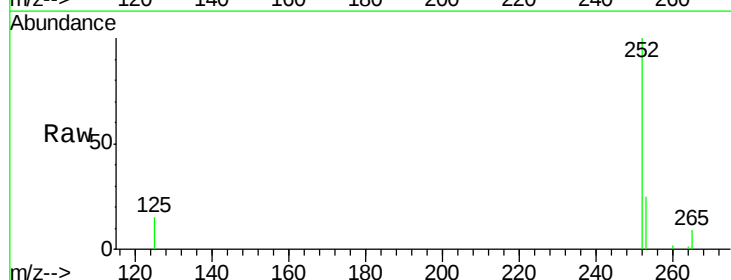
RT: 22.79 min Scan# 6477

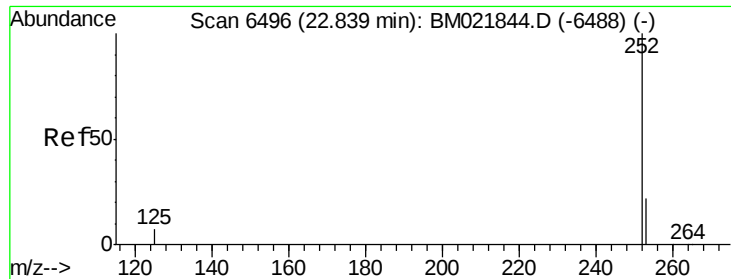
Delta R.T. -0.01 min

Lab File: BM021846.D

Acq: 05 Aug 2019 17:27

Tgt Ion:	252	Resp:	43410
Ion Ratio	Lower	Upper	
252	100		
253	25.5	0.0	67.4
125	15.5	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 0.605 ng/ul m

RT: 22.83 min Scan# 6493

Delta R.T. -0.02 min

Lab File: BM021846.D

Acq: 05 Aug 2019 17:27

Instrument :

BNA_M

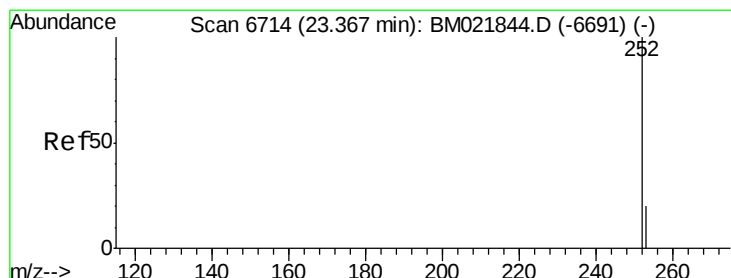
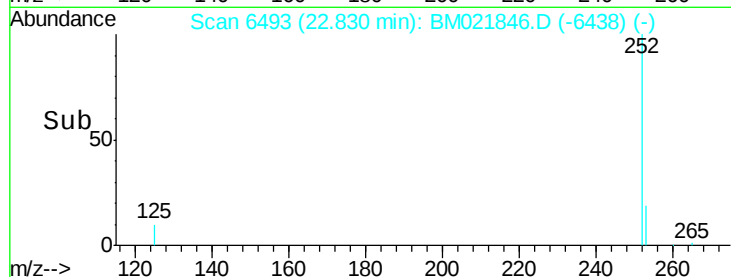
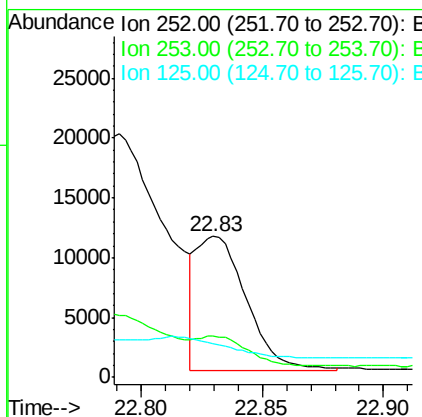
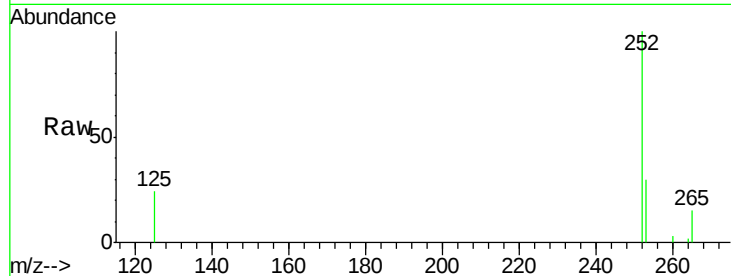
ClientSampleId :

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Tgt Ion:	252	Resp:	16186
Ion Ratio	Lower	Upper	
252	100		
253	29.6	27.0	40.4
125	23.9	12.2	18.2#

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#23

Benzo(a)pyrene

Concen: 1.203 ng/ul

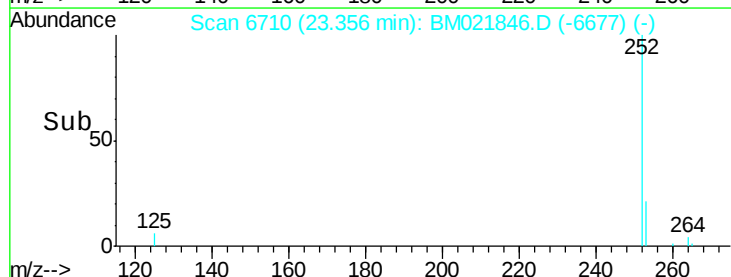
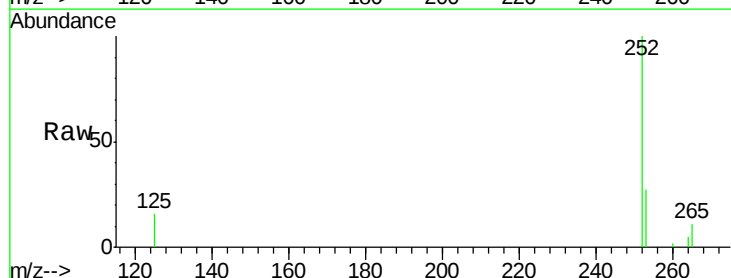
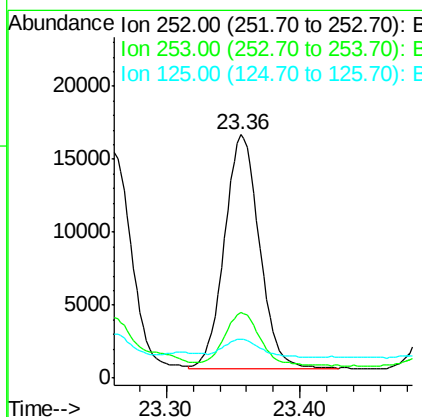
RT: 23.36 min Scan# 6710

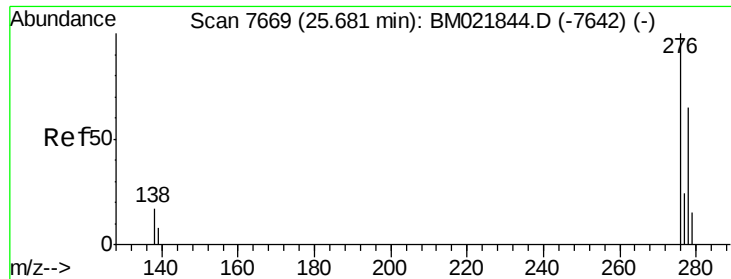
Delta R.T. -0.02 min

Lab File: BM021846.D

Acq: 05 Aug 2019 17:27

Tgt Ion:	252	Resp:	28916
Ion Ratio	Lower	Upper	
252	100		
253	27.1	31.7	47.5#
125	16.1	14.6	21.8





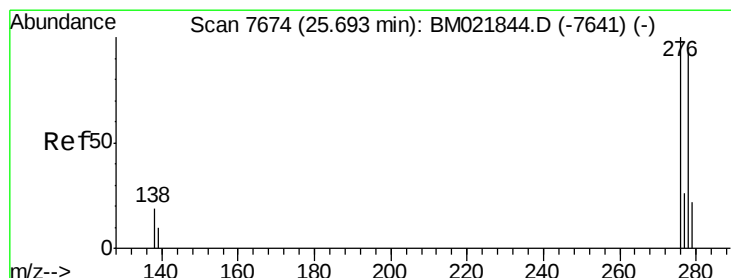
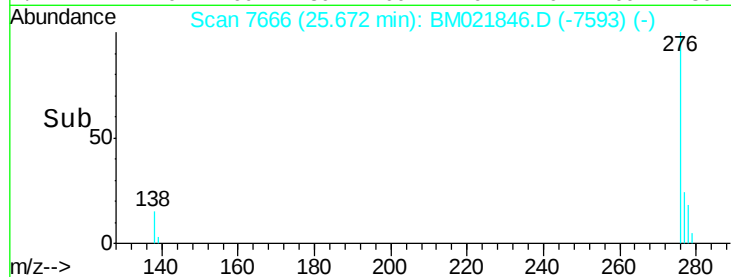
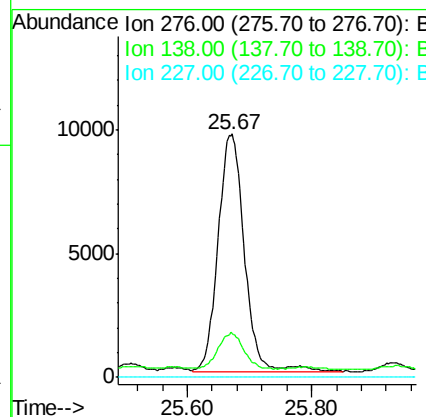
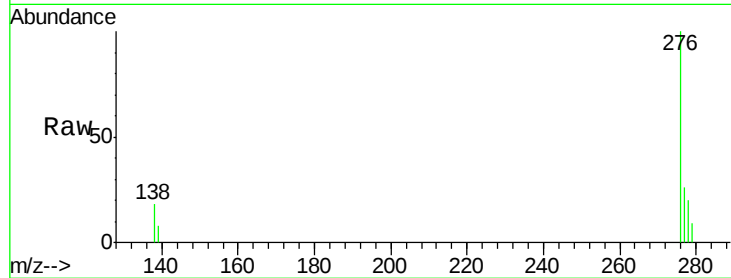
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.978 ng/u1
 RT: 25.67 min Scan# 7666
 Delta R.T. -0.02 min
 Lab File: BM021846.D
 Acq: 05 Aug 2019 17:27

Instrument :
 BNA_M
 ClientSampleId :
 BENS5DL

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

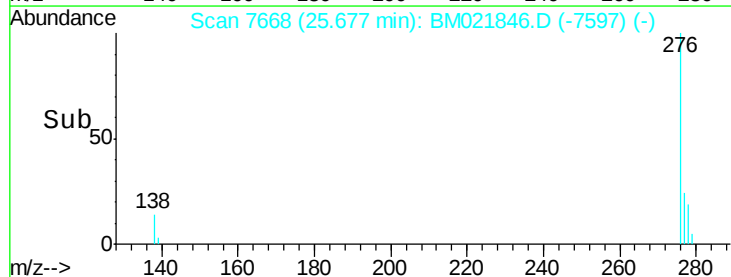
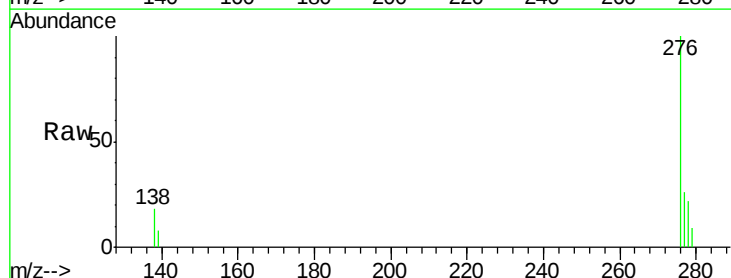
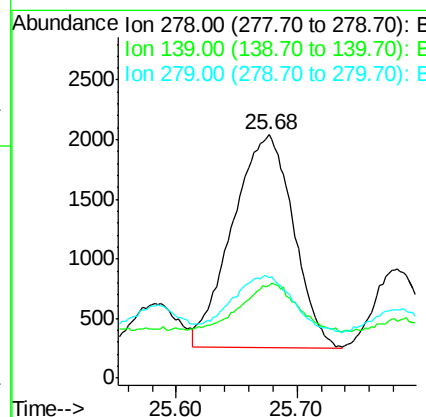
Manual Integrations
 APPROVED

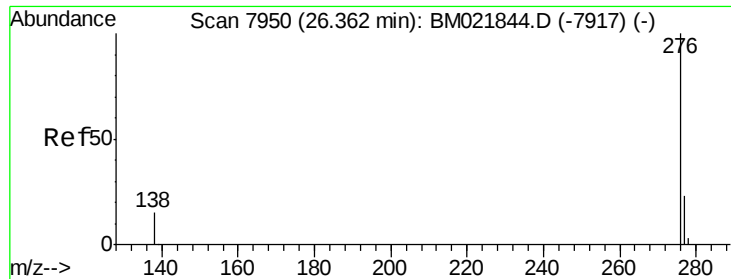
mohammad
 8/5/2019 10:17:31 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.269 ng/u1
 RT: 25.68 min Scan# 7668
 Delta R.T. -0.03 min
 Lab File: BM021846.D
 Acq: 05 Aug 2019 17:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	38.2	14.2	21.2#
279	41.2	28.3	42.5





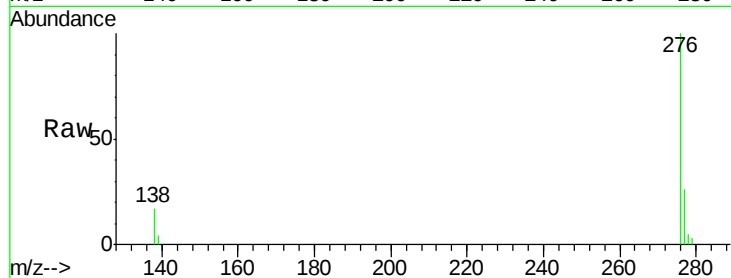
#26
 Benzo(g,h,i)perylene
 Concen: 1.272 ng/ul
 RT: 26.35 min Scan# 7948
 Delta R.T. -0.02 min
 Lab File: BM021846.D
 Acq: 05 Aug 2019 17:27

Instrument :
 BNA_M
 ClientSampleId :
 BENS5DL

Tgt	Ion	Ratio	Lower	Upper
276	100			
138	17.2	15.5	23.3	
277	25.8	21.4	32.2	

Manual Integrations
 APPROVED

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 8/5/2019 10:17:31 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

