

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080319\
 Data File : BM021853.D
 Acq On : 05 Aug 2019 21:43
 Operator : HP/JU
 Sample : K3863-14DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52F4DL

Manual Integrations
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mohammad
 8/6/2019 9:09:04 AM

Quant Time: Aug 06 02:23:25 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 : Tue Aug 06 01:29:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	941	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	3895	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	2243	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	5200	0.40	ng/ul	-0.01
16) Chrysene-d12	21.24	240	5238	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	7864	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	443	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	1493	0.09	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.00	152	1188	0.114	ng/ul#	91
8) Acenaphthene	14.35	153	1631	0.191	ng/ul	96
9) Fluorene	15.34	166	2501	0.263	ng/ul	99
12) Phenanthrene	17.08	178	59931	3.961	ng/ul	96
13) Anthracene	17.17	178	8211	0.636	ng/ul	98
15) Fluoranthene	19.10	202	122166	6.028	ng/ul	95
17) Pyrene	19.47	202	98035	4.555	ng/ul	98
18) Benzo(a)anthracene	21.22	228	43622	2.328	ng/ul	99
19) Chrysene	21.27	228	53841	2.234	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	65483m	2.469	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	24051m	0.801	ng/ul	
23) Benzo(a)pyrene	23.36	252	42059	1.560	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.67	276	30794	0.956	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.68	278	7611	0.292	ng/ul#	93
26) Benzo(g,h,i)perylene	26.36	276	31314	1.080	ng/ul	97

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

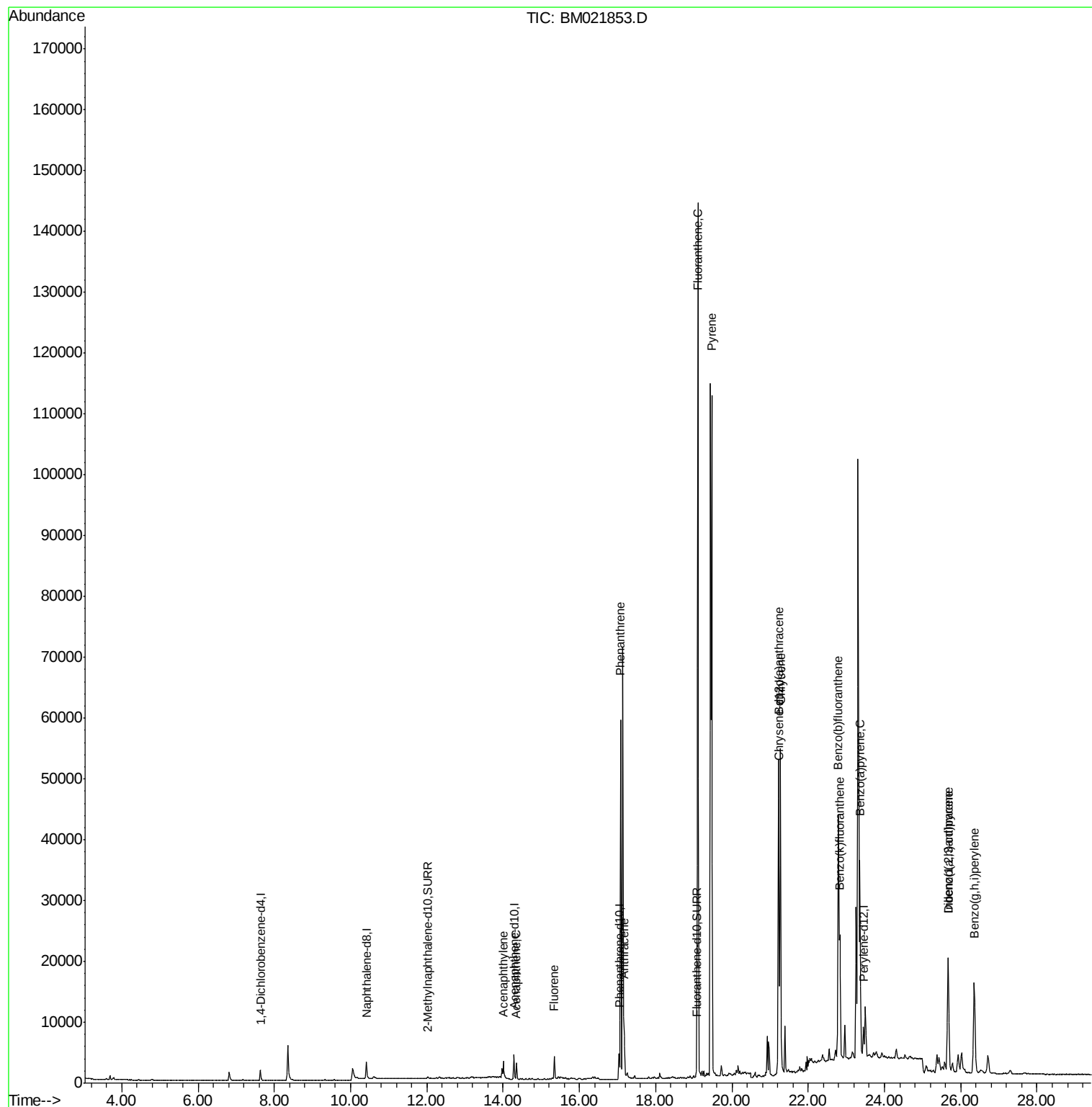
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080319\
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ALS Vial : 11 Sample Multiplier: 1

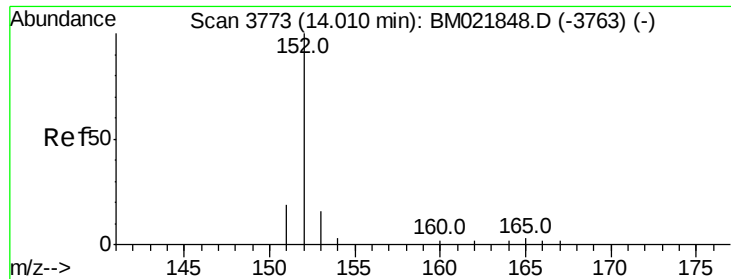
Instrument :
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Quant Time: Aug 06 02:23:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 06 01:29:26 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.114 ng/ul

RT: 14.00 min Scan# 3772

Delta R.T. -0.01 min

Lab File: BM021853.D

Acq: 05 Aug 2019 21:43

Instrument :

BNA_M

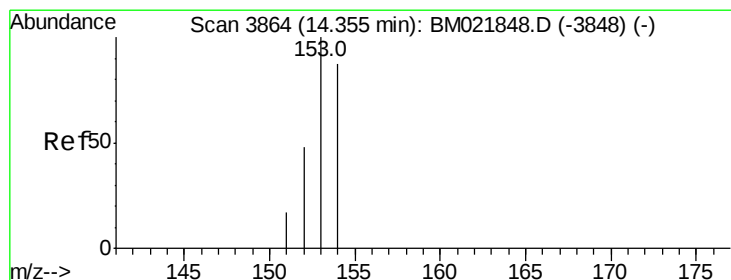
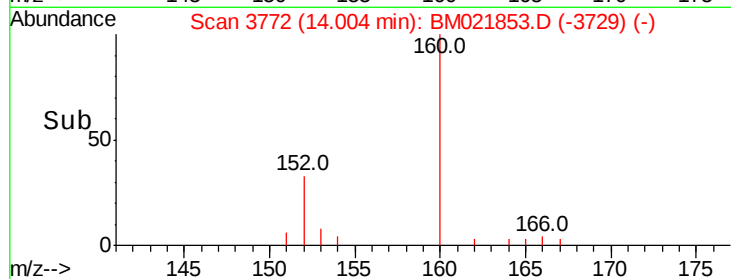
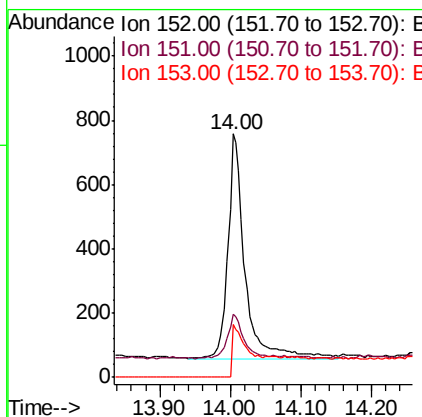
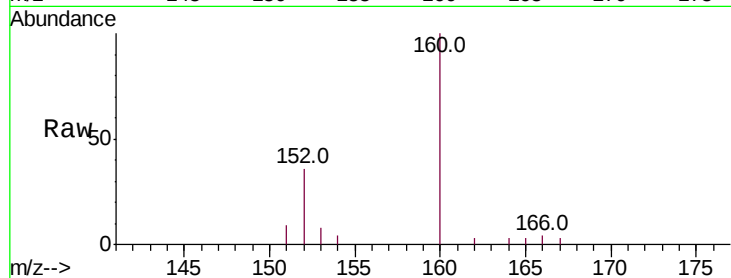
ClientSampleId :

A52F4DL

Tot Ion:	152	Resp:	1188
Ion Ratio	Lower	Upper	
152	100		
151	26.1	18.3	27.5
153	21.5	12.8	19.2

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#8

Acenaphthene

Concen: 0.191 ng/ul

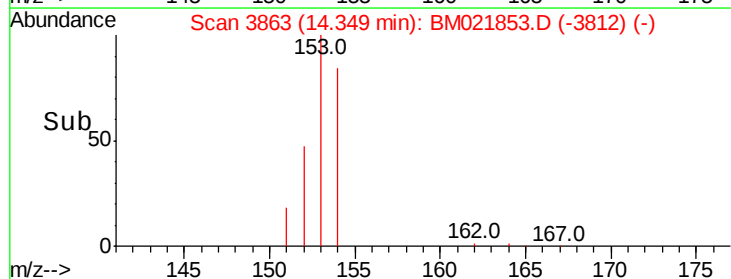
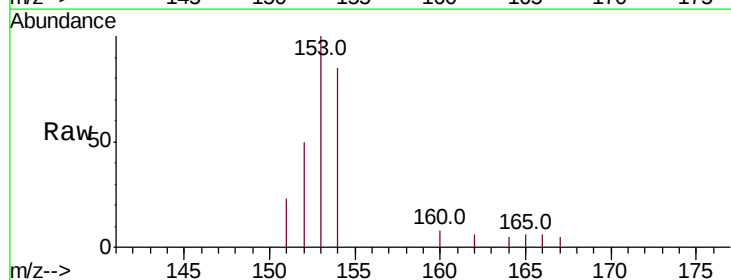
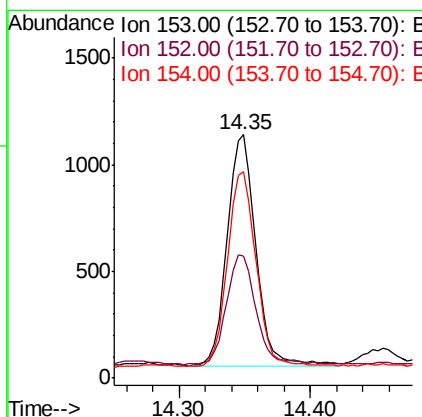
RT: 14.35 min Scan# 3863

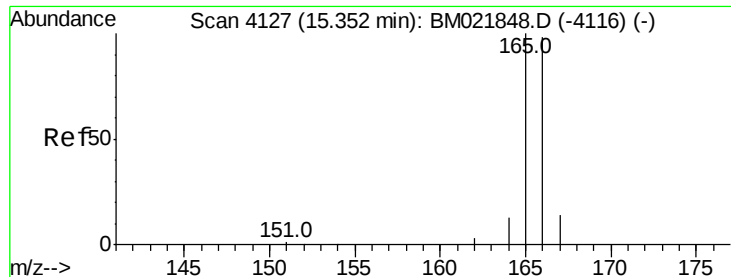
Delta R.T. -0.01 min

Lab File: BM021853.D

Acq: 05 Aug 2019 21:43

Tgt Ion:	153	Resp:	1631
Ion Ratio	Lower	Upper	
153	100		
152	50.2	41.3	61.9
154	84.8	72.3	108.5





#9

Fluorene

Concen: 0.263 ng/ul

RT: 15.34 min Scan# 4125

Delta R.T. -0.01 min

Lab File: BM021853.D

Acq: 05 Aug 2019 21:43

Instrument :

BNA_M

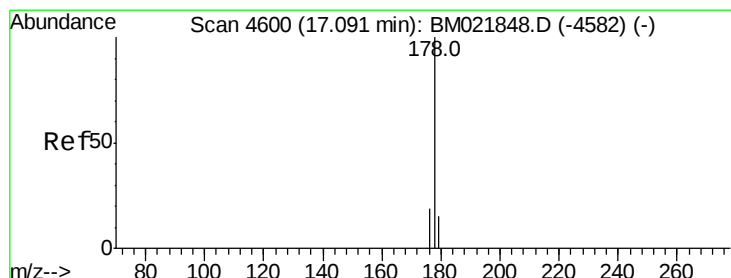
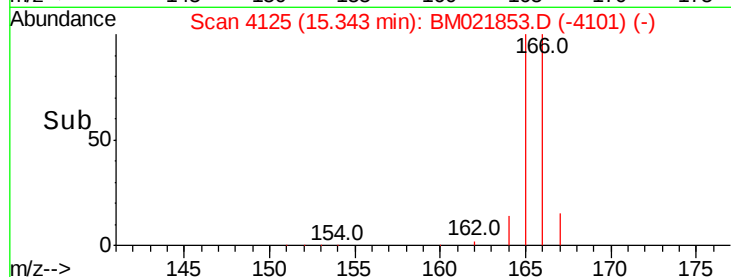
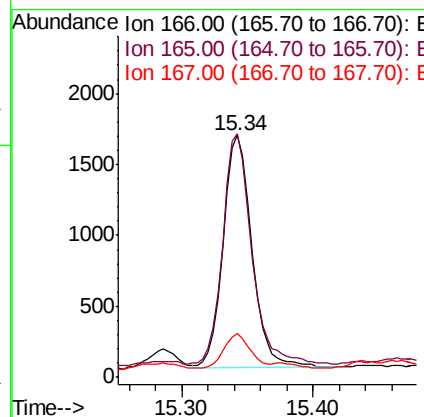
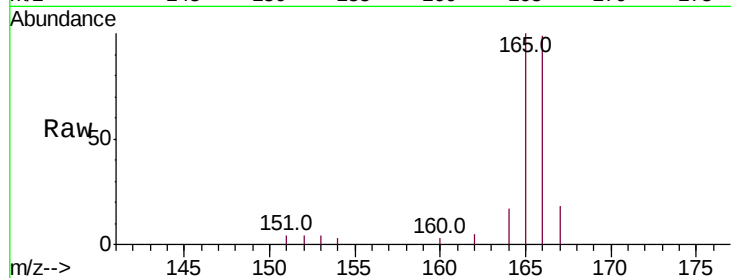
ClientSampleId :

A52F4DL

Tot Ion:	166	Resp:	2501
Ion	Ratio	Lower	Upper
166	100		
165	100.6	81.4	122.0
167	18.1	13.7	20.5

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#12

Phenanthrene

Concen: 3.961 ng/ul

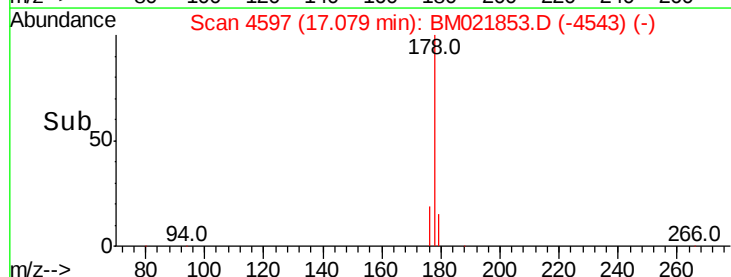
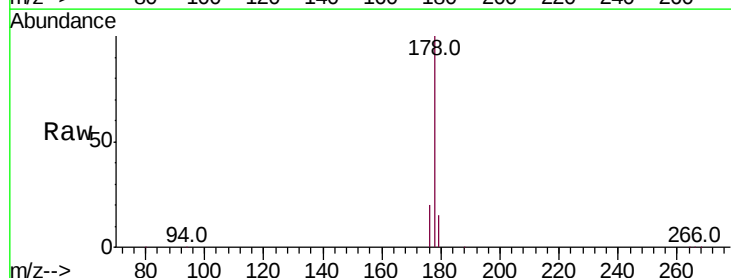
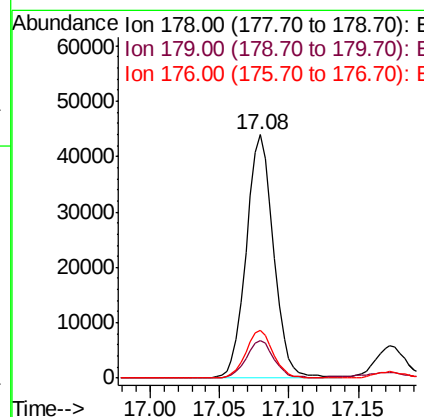
RT: 17.08 min Scan# 4597

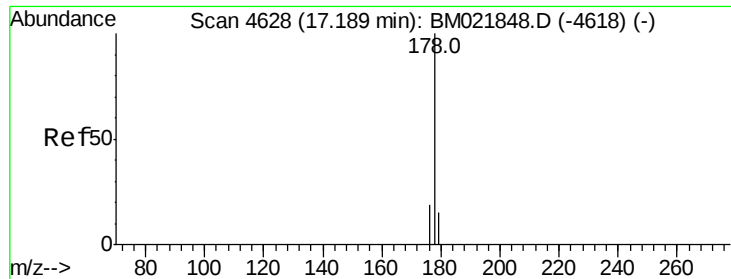
Delta R.T. -0.01 min

Lab File: BM021853.D

Acq: 05 Aug 2019 21:43

Tgt Ion:	178	Resp:	59931
Ion	Ratio	Lower	Upper
178	100		
179	15.3	14.2	21.2
176	19.6	16.8	25.2





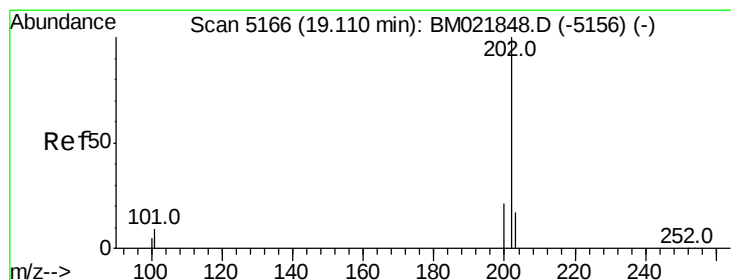
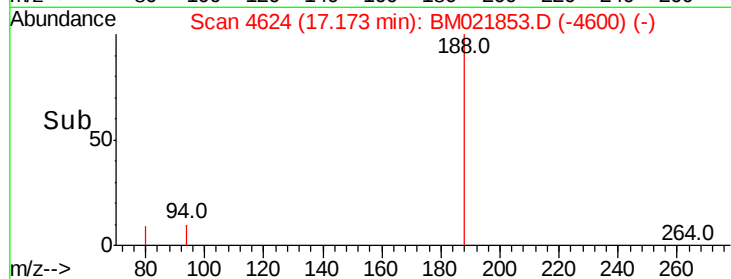
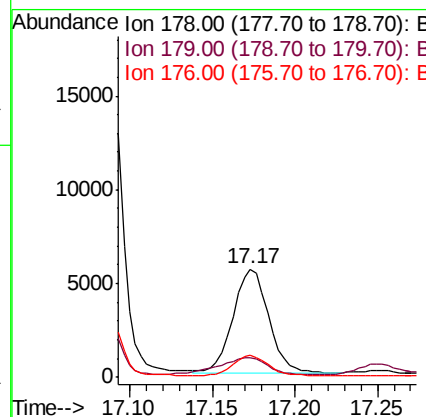
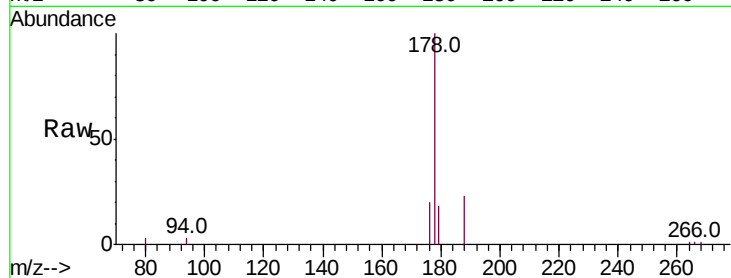
#13
 Anthracene
 Concen: 0.636 ng/ul
 RT: 17.17 min Scan# 4624
 Delta R.T. -0.02 min
 Lab File: BM021853.D
 Acq: 05 Aug 2019 21:43

Instrument :
 BNA_M
 ClientSampleId :
 A52F4DL

Tot Ion:178	Resp:	8211
Ion Ratio	Lower	Upper
178	100	
179	18.0	15.5 23.3
176	20.0	16.6 25.0

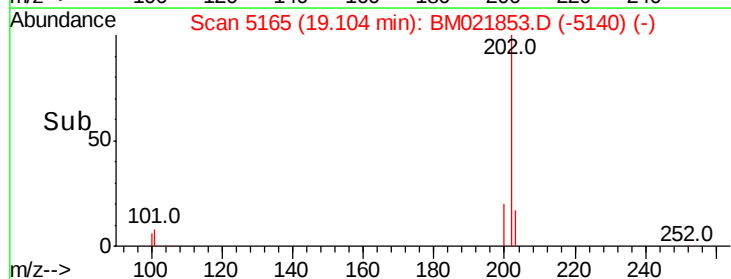
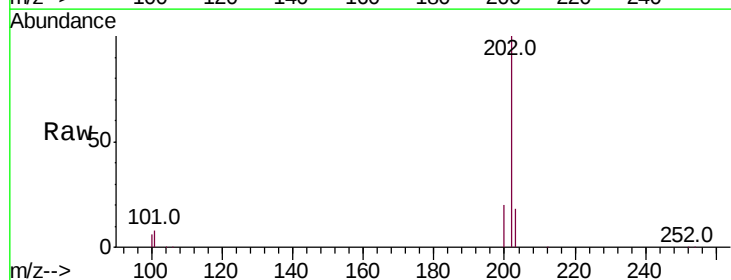
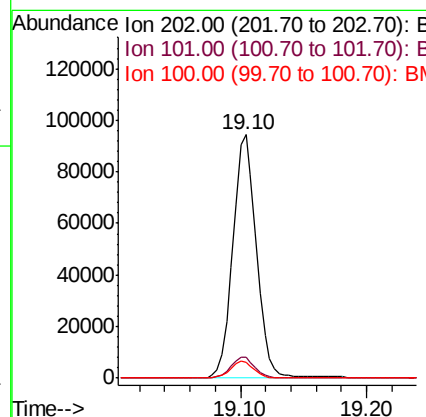
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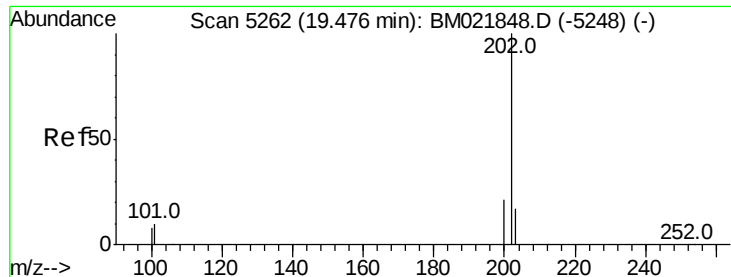
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#15
 Fluoranthene
 Concen: 6.028 ng/ul
 RT: 19.10 min Scan# 5165
 Delta R.T. -0.01 min
 Lab File: BM021853.D
 Acq: 05 Aug 2019 21:43

Tgt Ion:202	Resp:	122166
Ion Ratio	Lower	Upper
202	100	
101	8.4	0.0 30.2
100	6.4	0.0 28.1





#17

Pvrene

Concen: 4.555 ng/ul

RT: 19.47 min Scan# 5261

Delta R.T. -0.01 min

Lab File: BM021853.D

Acq: 05 Aug 2019 21:43

Instrument :

BNA_M

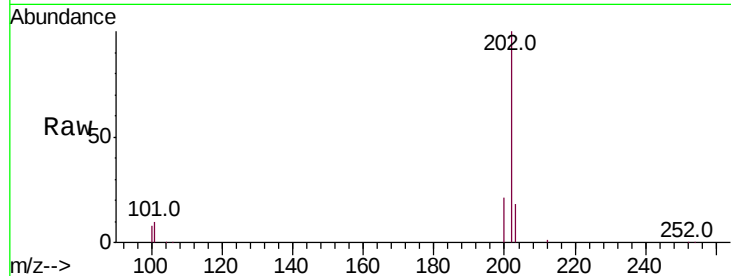
ClientSampleId :

A52F4DL

Tot Ion:	202	Resp:	98035
Ion Ratio	Lower	Upper	
202	100		
101	10.0	8.3	12.5
100	8.1	7.2	10.8

Manual Integrations
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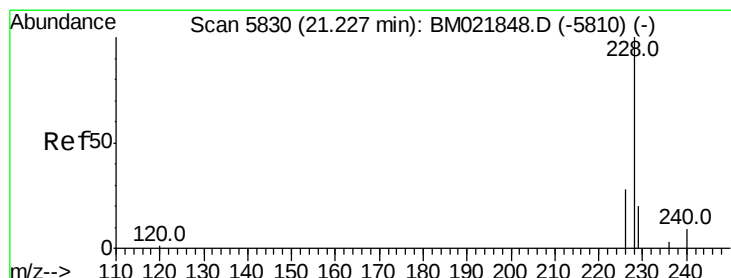
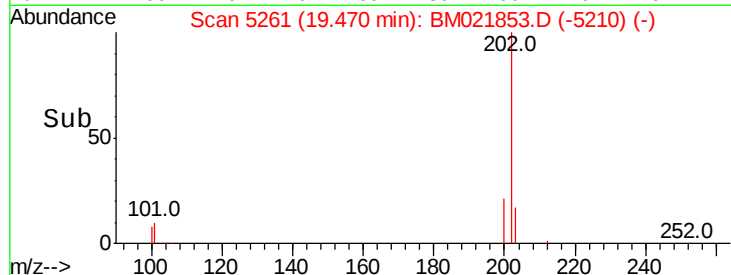
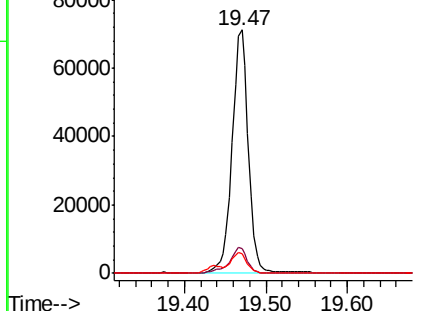
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 2.328 ng/ul

RT: 21.22 min Scan# 5829

Delta R.T. -0.00 min

Lab File: BM021853.D

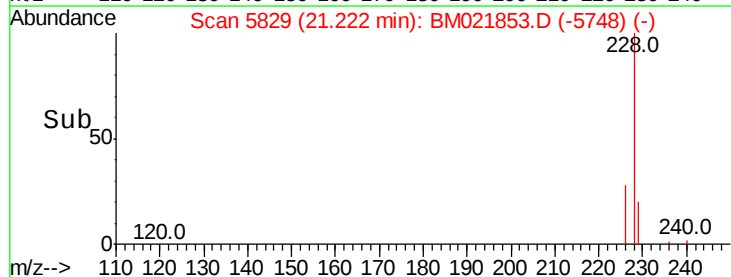
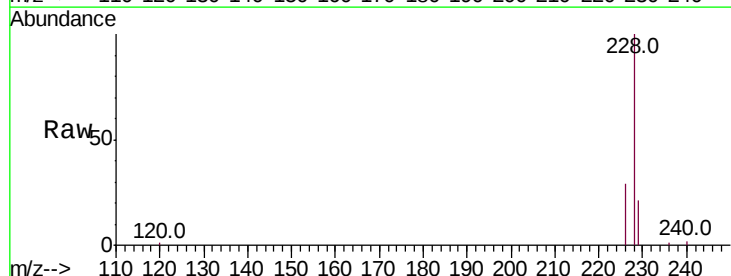
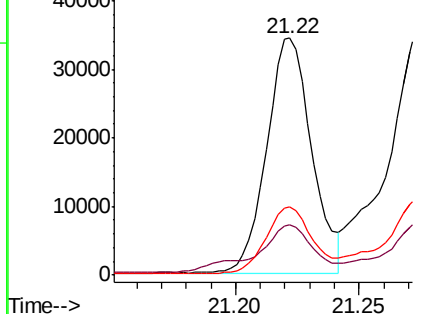
Acq: 05 Aug 2019 21:43

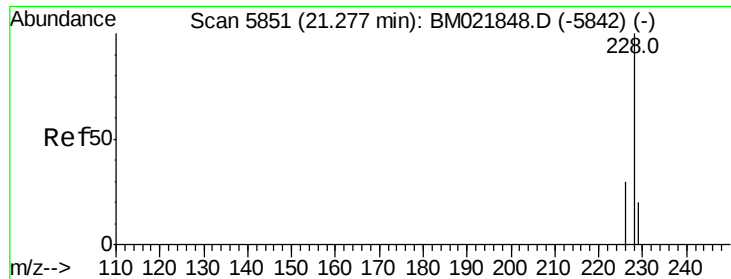
Tgt Ion:	228	Resp:	43622
Ion Ratio	Lower	Upper	
228	100		
229	21.0	17.2	25.8
226	28.8	22.6	34.0

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 2.234 ng/ul

RT: 21.27 min Scan# 5850

Delta R.T. -0.00 min

Lab File: BM021853.D

Acq: 05 Aug 2019 21:43

Instrument :

BNA_M

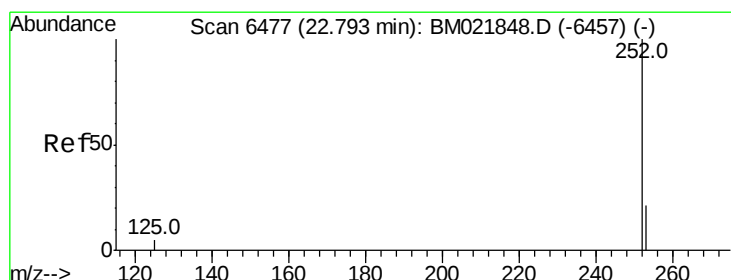
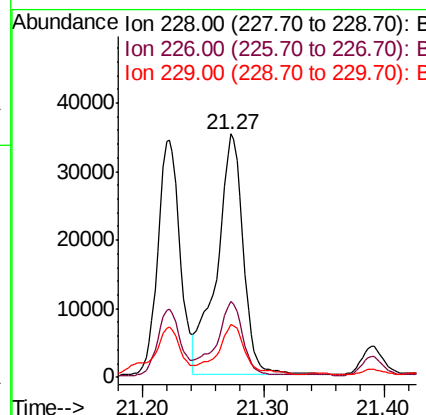
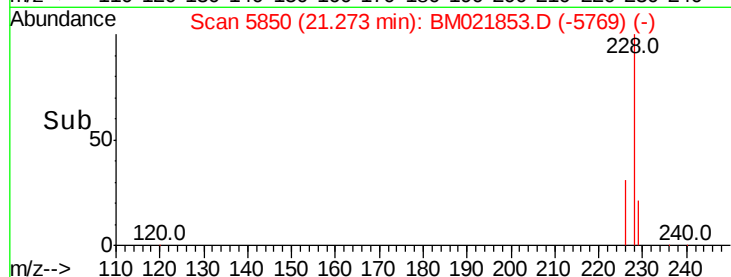
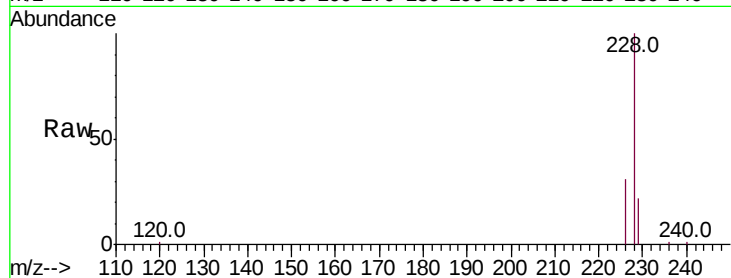
ClientSampleId :

A52F4DL

Tot Ion:	228	Resp:	53841
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.9	37.3
229	21.8	16.6	25.0

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#21

Benzo(b)fluoranthene

Concen: 2.469 ng/ul m

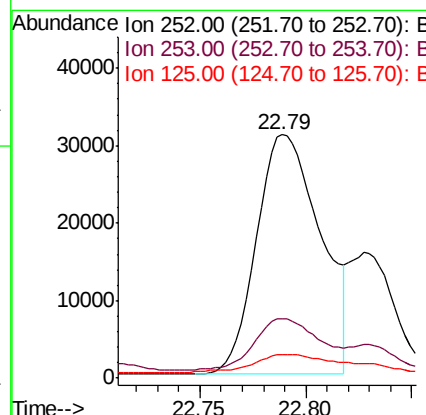
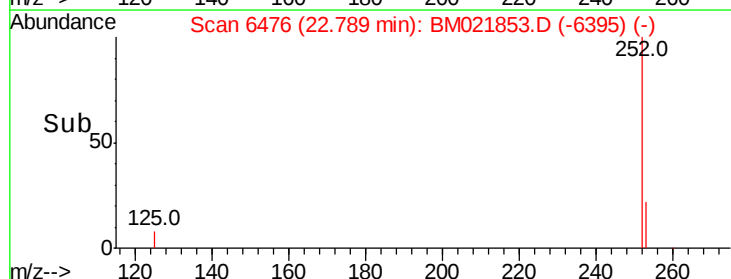
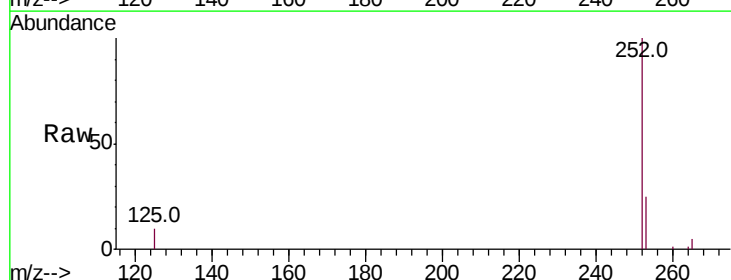
RT: 22.79 min Scan# 6476

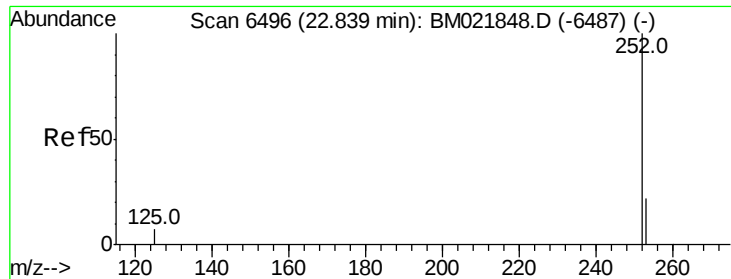
Delta R.T. -0.00 min

Lab File: BM021853.D

Acq: 05 Aug 2019 21:43

Tgt Ion:	252	Resp:	65483
Ion Ratio	Lower	Upper	
252	100		
253	24.5	0.0	67.4
125	9.7	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 0.801 ng/ul m

RT: 22.83 min Scan# 6492

Delta R.T. -0.01 min

Lab File: BM021853.D

Acq: 05 Aug 2019 21:43

Instrument :

BNA_M

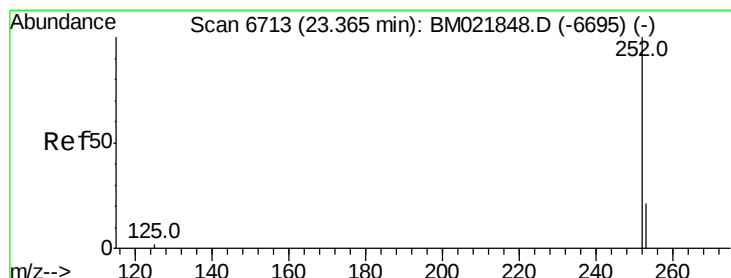
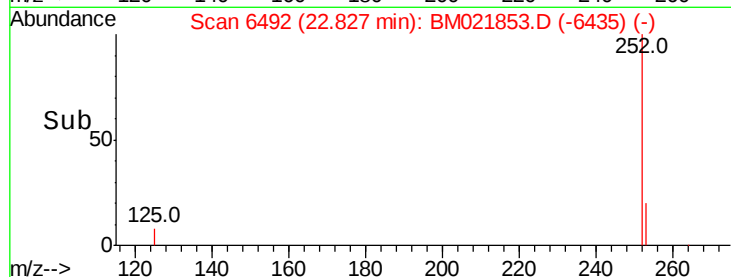
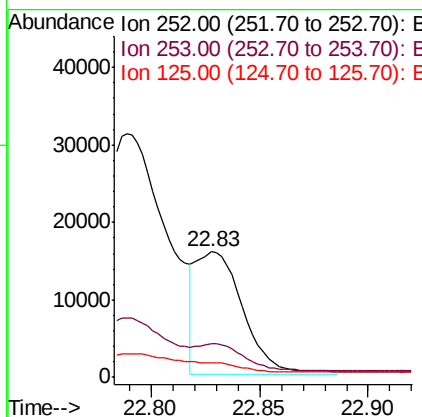
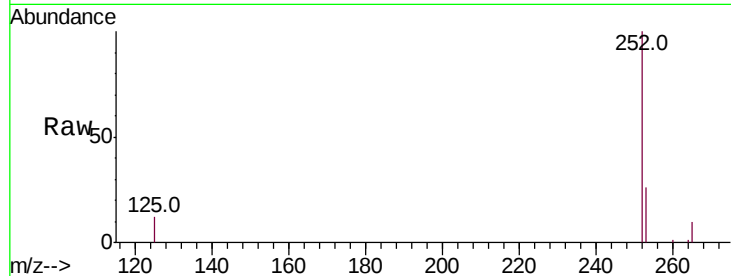
ClientSampleId :

A52F4DL

Tot Ion:	252	Resp:	24051
Ion Ratio	Lower	Upper	
252	100		
253	26.3	27.0	40.4#
125	11.8	12.2	18.2#

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#23

Benzo(a)pyrene

Concen: 1.560 ng/ul

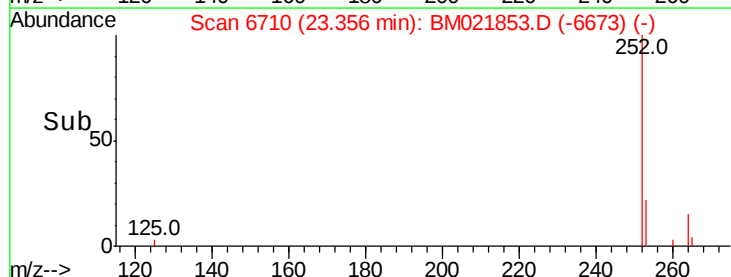
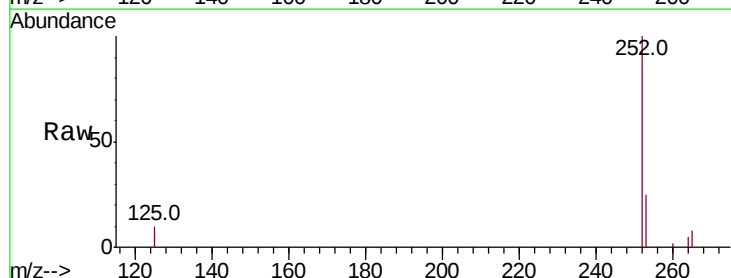
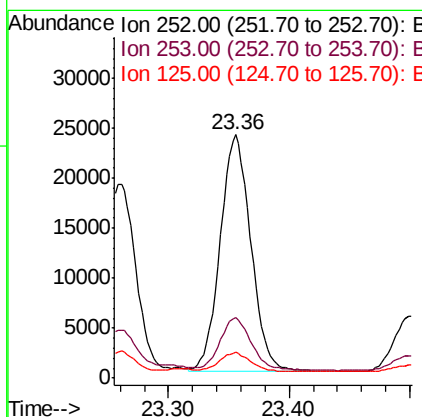
RT: 23.36 min Scan# 6710

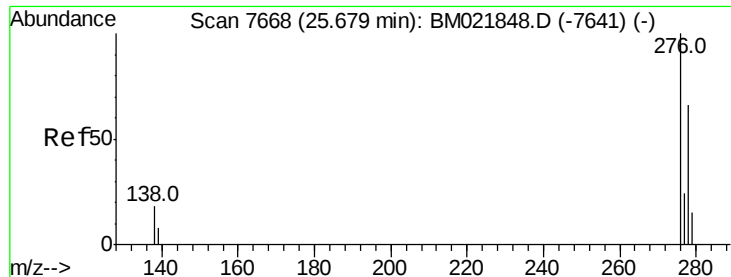
Delta R.T. -0.01 min

Lab File: BM021853.D

Acq: 05 Aug 2019 21:43

Tgt Ion:	252	Resp:	42059
Ion Ratio	Lower	Upper	
252	100		
253	24.6	31.7	47.5#
125	10.5	14.6	21.8#





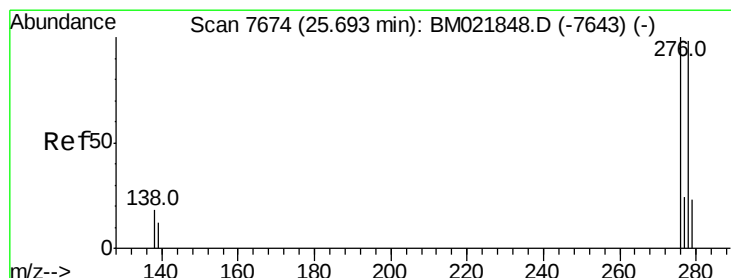
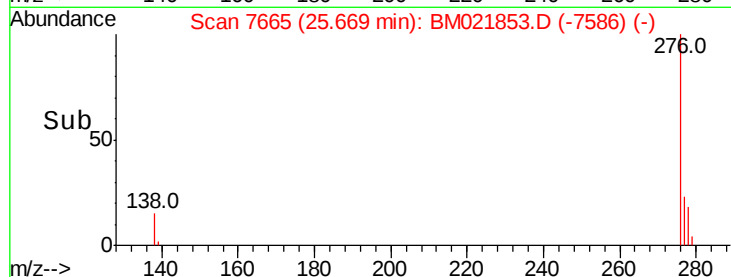
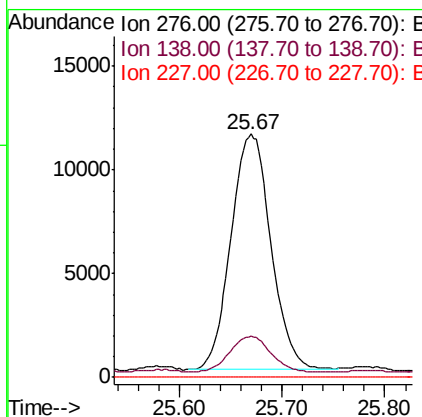
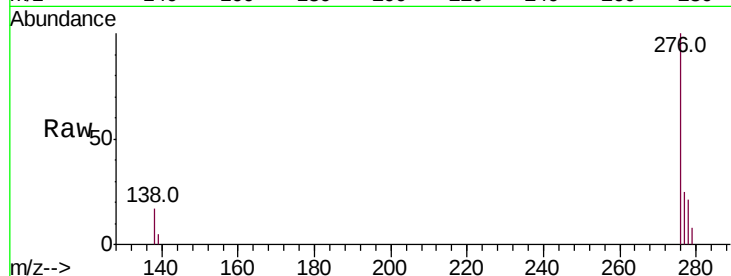
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.956 ng/uL
 RT: 25.67 min Scan# 7665
 Delta R.T. -0.01 min
 Lab File: BM021853.D
 Acq: 05 Aug 2019 21:43

Instrument :
 BNA_M
 ClientSampleId :
 A52F4DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	30794		
138	15.5		15.1	22.7
227	0.0		0.0	0.0

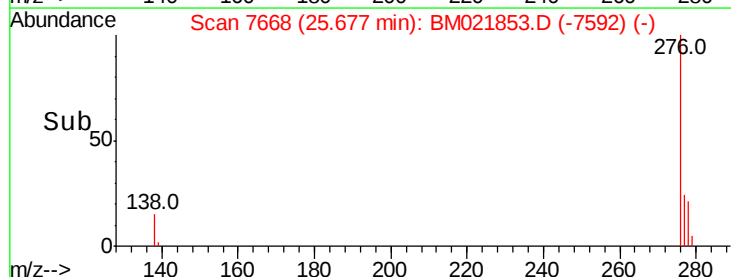
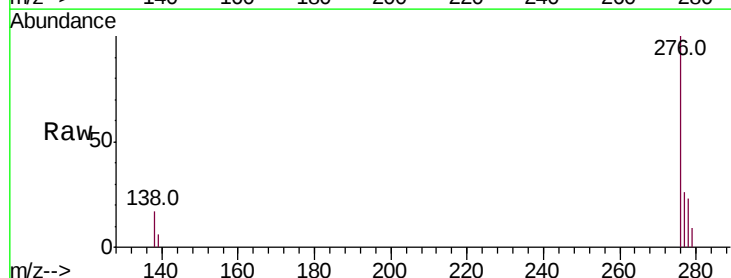
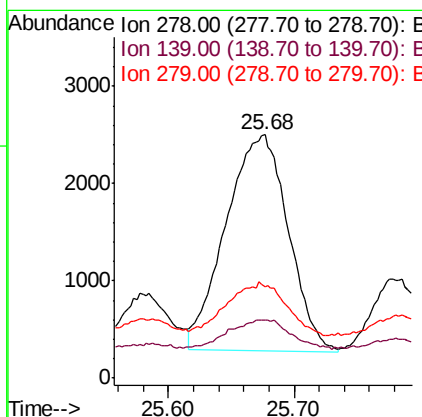
Manual Integrations
 APPROVED

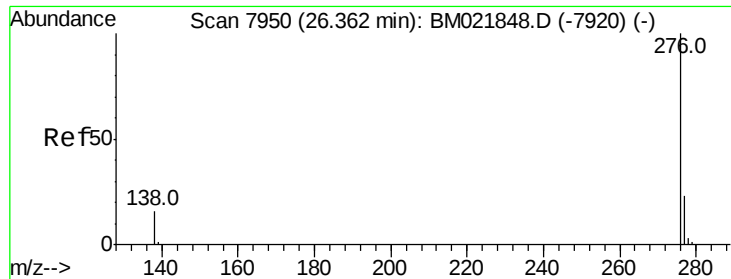
mohammad
 8/6/2019 9:09:04 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.292 ng/uL
 RT: 25.68 min Scan# 7668
 Delta R.T. -0.02 min
 Lab File: BM021853.D
 Acq: 05 Aug 2019 21:43

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	7611		
139	24.1		14.2	21.2#
279	37.6		28.3	42.5





#26
 Benzo(a,h,i)perylene
 Concen: 1.080 ng/ul
 RT: 26.36 min Scan# 7948
 Delta R.T. -0.01 min
 Lab File: BM021853.D
 Acq: 05 Aug 2019 21:43

Instrument :
 BNA_M
 ClientSampleId :
 A52F4DL

Tot 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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 8/6/2019 9:09:04 AM

