

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
 Data File : BM021978.D
 Acq On : 09 Aug 2019 20:26
 Operator : HP/JU
 Sample : K4116-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLLD3

Manual Integrations
 APPROVED

Sohil
 8/13/2019 8:36:05 AM

Quant Time: Aug 10 07:00:18 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 : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	880	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	3731	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2011	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	4527m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4211m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4116m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	948	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	2372m	0.16	ng/ul	-0.02
Target Compounds				Qvalue		
7) Acenaphthylene	13.99	152	278	0.030	ng/ul#	63
12) Phenanthrene	17.06	178	1402m	0.106	ng/ul	
13) Anthracene	17.16	178	467m	0.042	ng/ul	
15) Fluoranthene	19.09	202	4018m	0.228	ng/ul	
17) Pyrene	19.46	202	4642m	0.268	ng/ul	
18) Benzo(a)anthracene	21.22	228	2675	0.178	ng/ul	91
19) Chrysene	21.27	228	2710	0.140	ng/ul	92
21) Benzo(b)fluoranthene	22.78	252	4636m	0.334	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	1547m	0.098	ng/ul	
23) Benzo(a)pyrene	23.34	252	3809m	0.270	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.66	276	2868m	0.170	ng/ul	
25) Dibenzo(a,h)anthracene	25.66	278	520m	0.038	ng/ul	
26) Benzo(g,h,i)perylene	26.34	276	3259m	0.215	ng/ul	

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

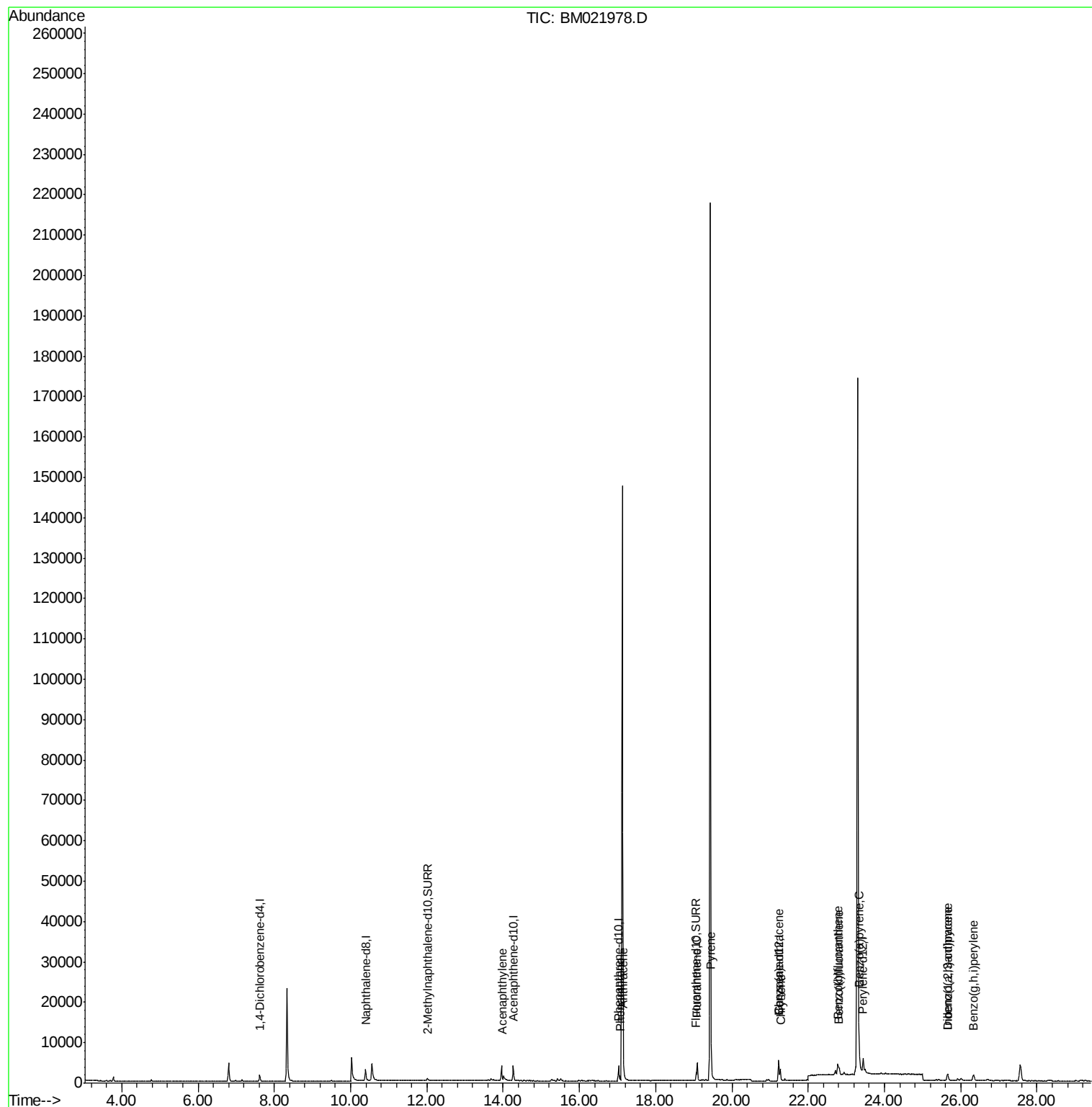
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
Data File : BM021978.D
Acq On : 09 Aug 2019 20:26
Operator : HP/JU
Sample : K4116-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

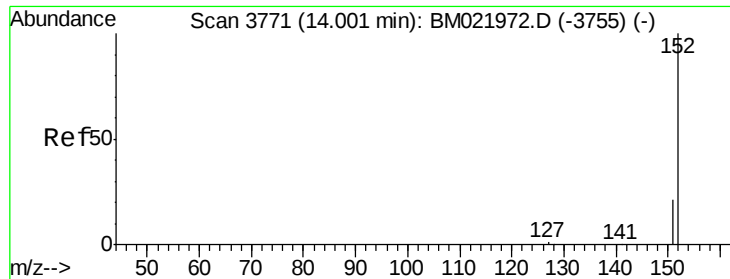
Instrument :
BNA_M
ClientSampleId :
JLLD3

Manual Integrations
APPROVED

Sohil
8/13/2019 8:36:05 AM

Quant Time: Aug 10 07:00:18 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 : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.030 ng/ul

RT: 13.99 min Scan# 3769

Delta R.T. -0.02 min

Lab File: BM021978.D

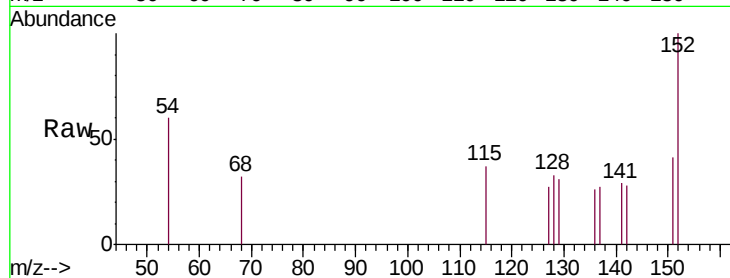
Acq: 09 Aug 2019 20:26

Instrument :

BNA_M

ClientSampleId :

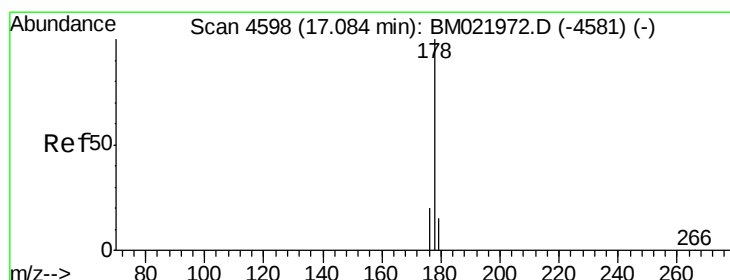
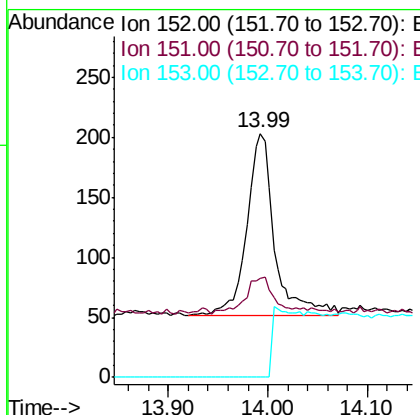
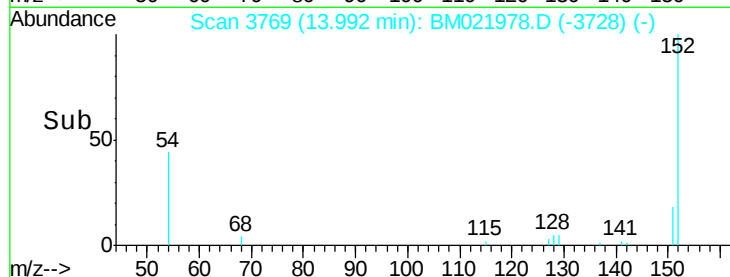
JLLD3



Tgt Ion	Ratio	Lower	Upper
152	100		
151	40.9	18.3	27.5#
153	0.0	12.8	19.2#

Manual Integrations
APPROVED

Sohil
8/13/2019 8:36:05 AM



#12

Phenanthrene

Concen: 0.106 ng/ul m

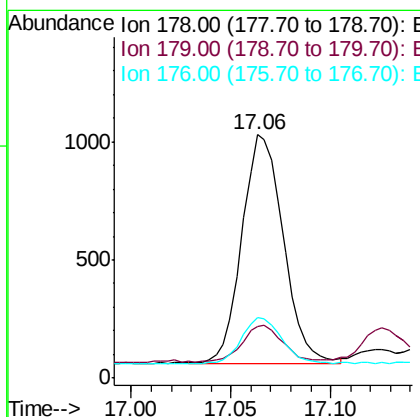
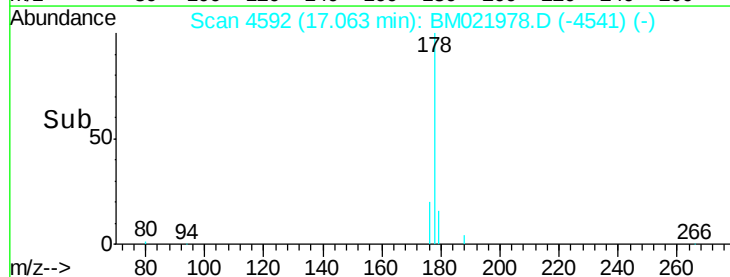
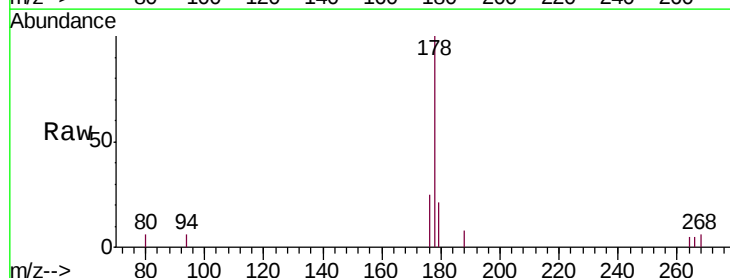
RT: 17.06 min Scan# 4592

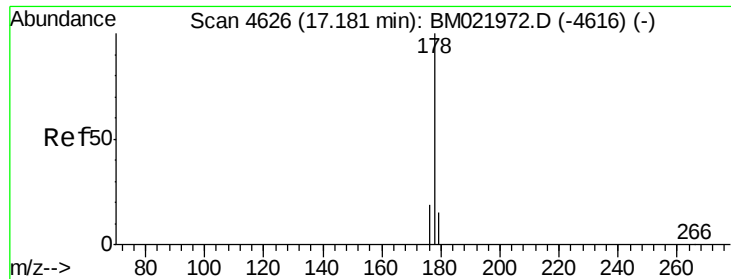
Delta R.T. -0.02 min

Lab File: BM021978.D

Acq: 09 Aug 2019 20:26

Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.4	14.2	21.2#
176	24.7	16.8	25.2





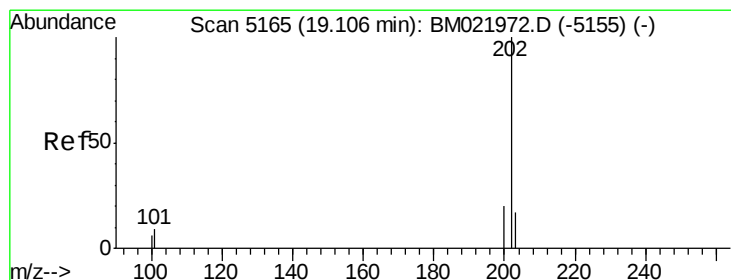
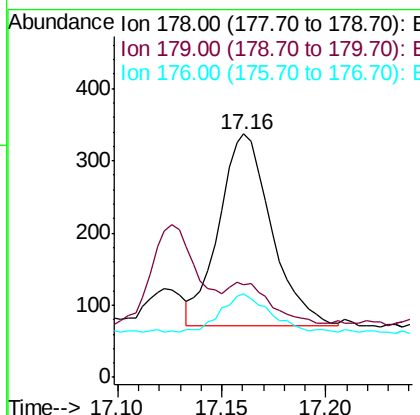
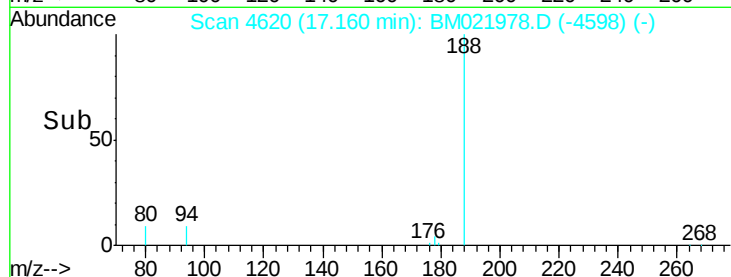
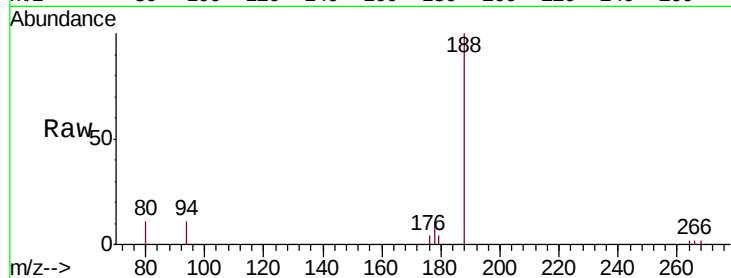
#13
 Anthracene
 Concen: 0.042 ng/ul m
 RT: 17.16 min Scan# 4620
 Delta R.T. -0.02 min
 Lab File: BM021978.D
 Acq: 09 Aug 2019 20:26

Instrument :
 BNA_M
 ClientSampleId :
 JLLD3

Tgt Ion	Ratio	Lower	Upper
178	100		
179	38.0	15.5	23.3#
176	34.4	16.6	25.0#

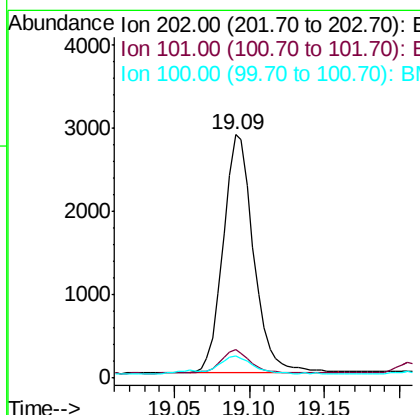
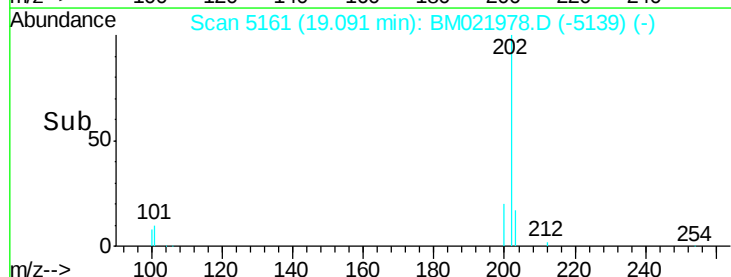
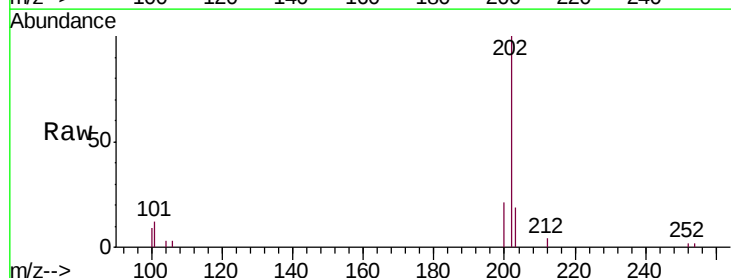
Manual Integrations
 APPROVED

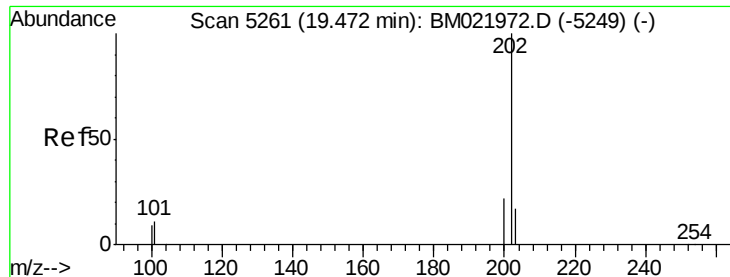
Sohil
 8/13/2019 8:36:05 AM



#15
 Fluoranthene
 Concen: 0.228 ng/ul m
 RT: 19.09 min Scan# 5161
 Delta R.T. -0.02 min
 Lab File: BM021978.D
 Acq: 09 Aug 2019 20:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.2
100	9.3	0.0	28.1





#17

Pyrene

Concen: 0.268 ng/ul m

RT: 19.46 min Scan# 5257

Delta R.T. -0.02 min

Lab File: BM021978.D

Acq: 09 Aug 2019 20:26

Instrument :

BNA_M

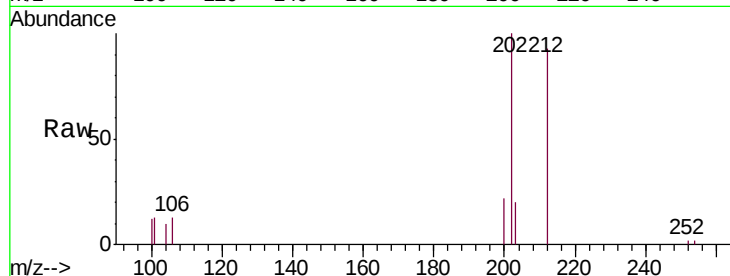
ClientSampleId :

JLLD3

Tgt Ion:	202	Resp:	4642
Ion Ratio	Lower	Upper	
202	100		
101	12.8	8.3	12.5#
100	12.3	7.2	10.8#

Manual Integrations
APPROVED

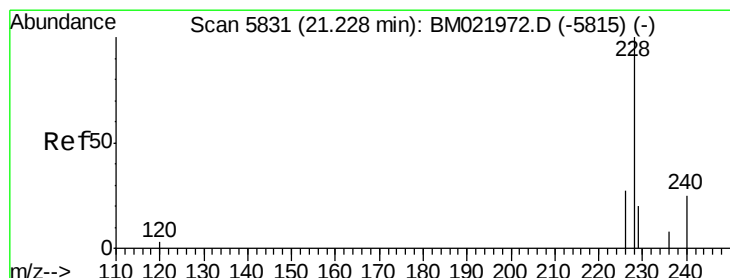
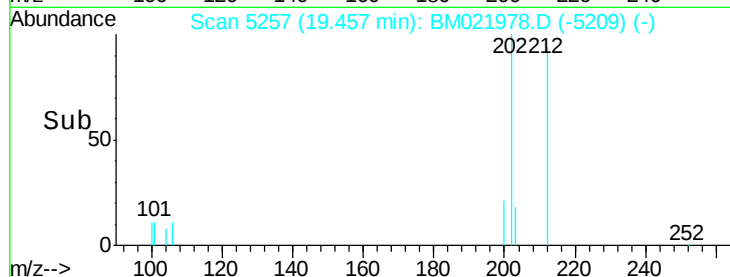
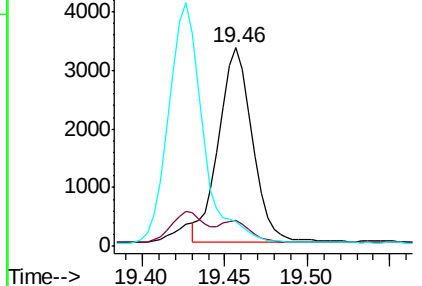
Sohil
8/13/2019 8:36:05 AM



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: 0.178 ng/ul

RT: 21.22 min Scan# 5826

Delta R.T. -0.01 min

Lab File: BM021978.D

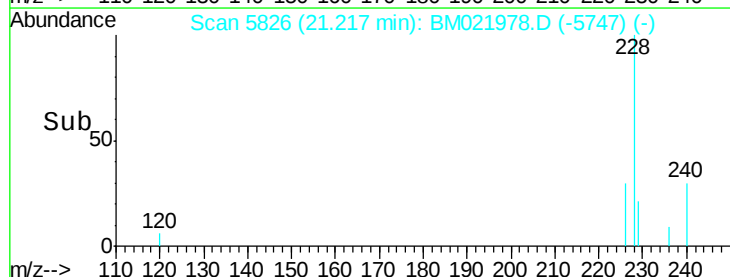
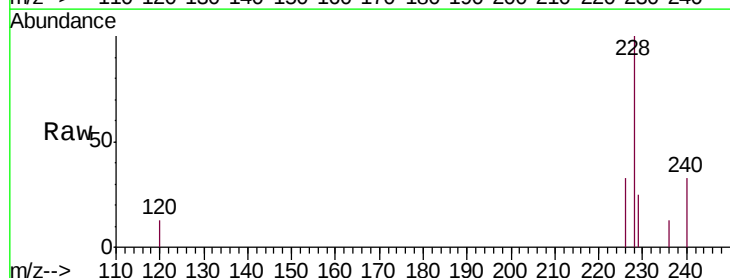
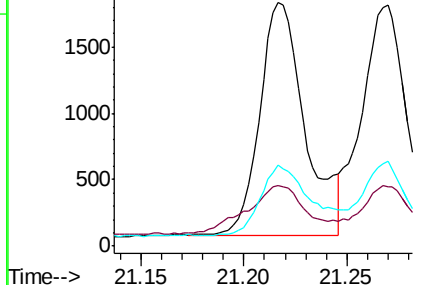
Acq: 09 Aug 2019 20:26

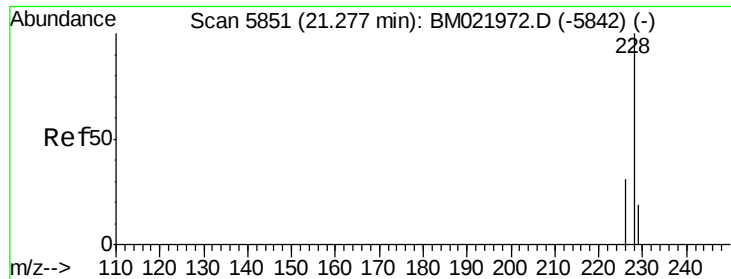
Tgt Ion:	228	Resp:	2675
Ion Ratio	Lower	Upper	
228	100		
229	25.0	17.2	25.8
226	33.4	22.6	34.0

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: 0.140 ng/ul

RT: 21.27 min Scan# 5848

Delta R.T. -0.01 min

Lab File: BM021978.D

Acq: 09 Aug 2019 20:26

Instrument :

BNA_M

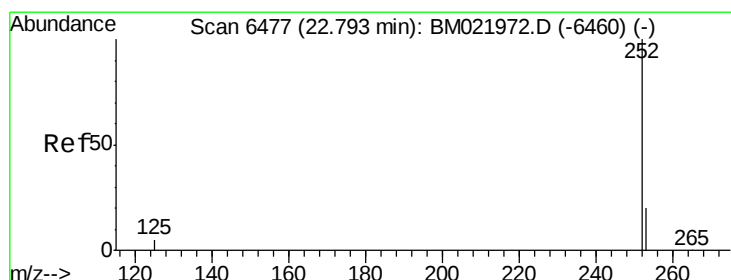
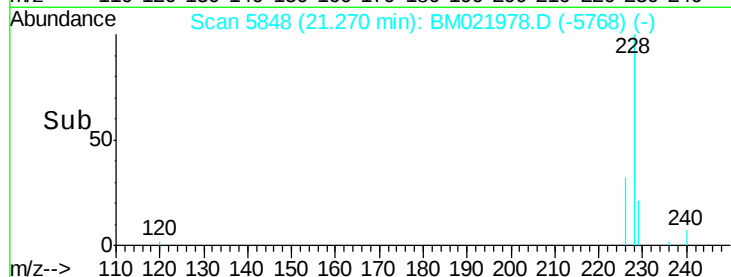
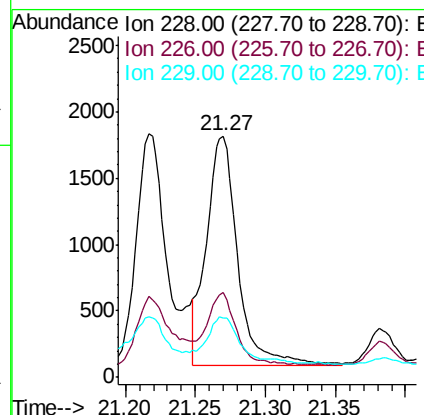
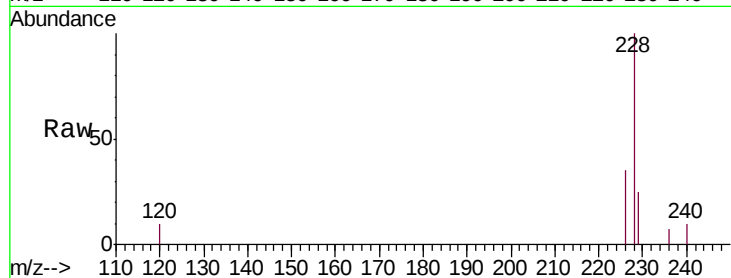
ClientSampled :

JLLD3

Tgt Ion:	228	Resp:	2710
Ion Ratio	Lower	Upper	
228	100		
226	34.9	24.9	37.3
229	24.8	16.6	25.0

Manual Integrations
APPROVED

Sohil
8/13/2019 8:36:05 AM



#21

Benzo(b)fluoranthene

Concen: 0.334 ng/ul m

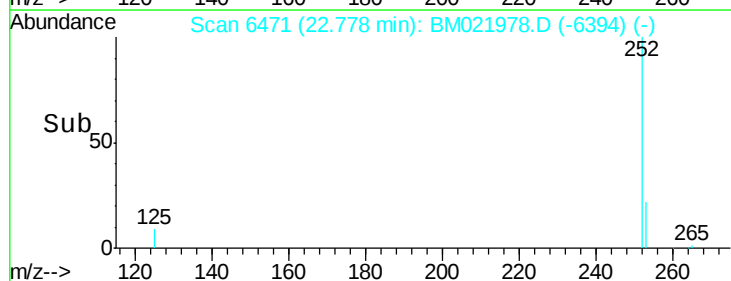
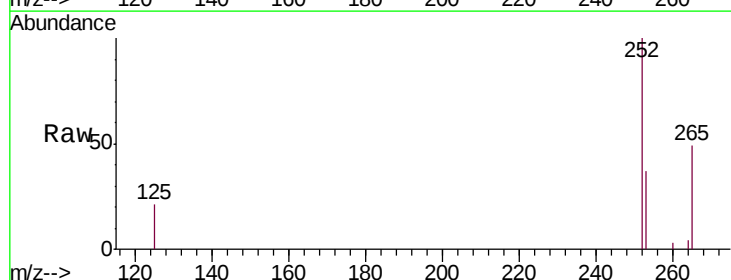
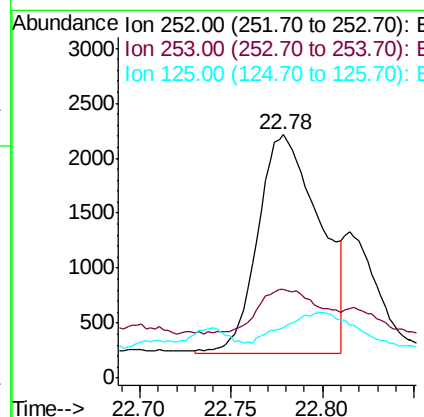
RT: 22.78 min Scan# 6471

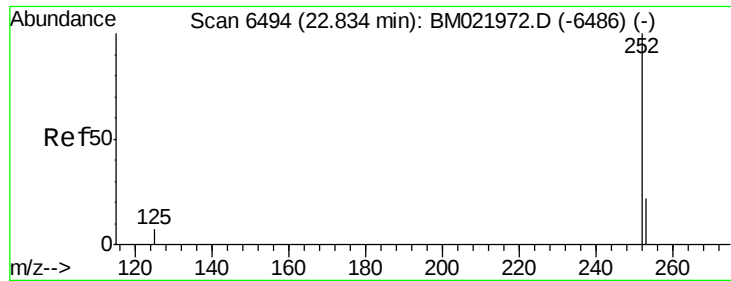
Delta R.T. -0.01 min

Lab File: BM021978.D

Acq: 09 Aug 2019 20:26

Tgt Ion:	252	Resp:	4636
Ion Ratio	Lower	Upper	
252	100		
253	36.6	0.0	67.4
125	20.7	0.0	31.0





#22

Benzo(k)fluoranthene

Concen: 0.098 ng/ul m

RT: 22.81 min Scan# 6486

Delta R.T. -0.02 min

Lab File: BM021978.D

Acq: 09 Aug 2019 20:26

Instrument :

BNA_M

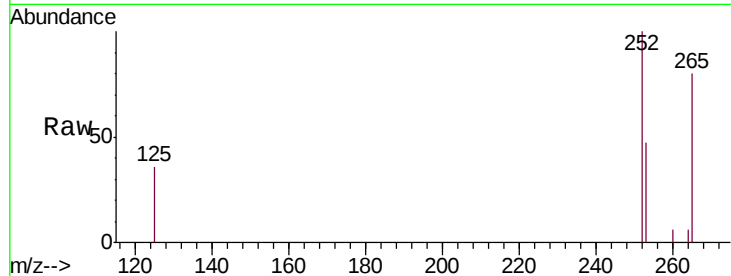
ClientSampleId :

JLLD3

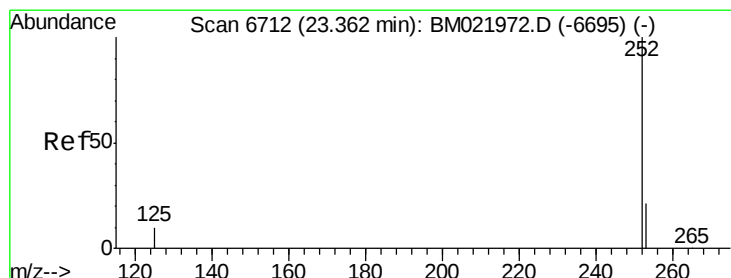
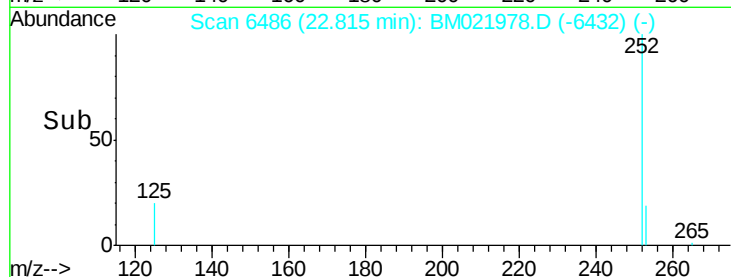
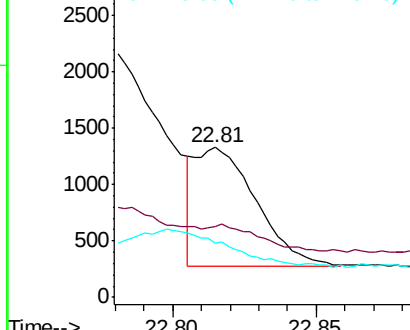
Tgt Ion:	252	Resp:	1547
Ion Ratio	Lower	Upper	
252	100		
253	47.2	27.0	40.4#
125	36.0	12.2	18.2#

Manual Integrations
APPROVED

Sohil
8/13/2019 8:36:05 AM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.270 ng/ul m

RT: 23.34 min Scan# 6702

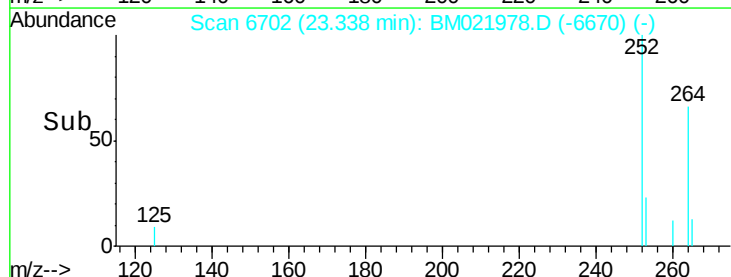
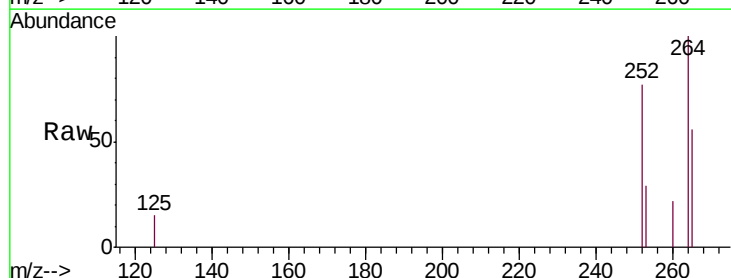
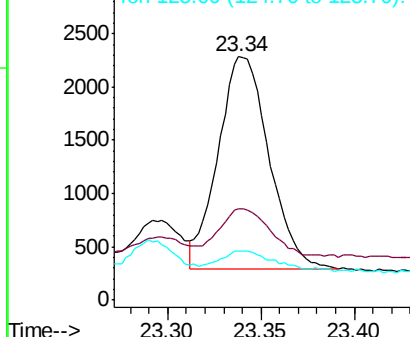
Delta R.T. -0.02 min

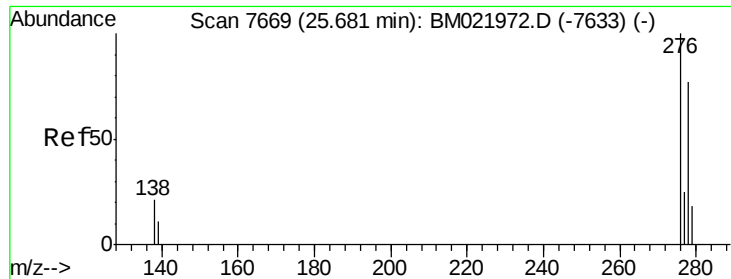
Lab File: BM021978.D

Acq: 09 Aug 2019 20:26

Tgt Ion:	252	Resp:	3809
Ion Ratio	Lower	Upper	
252	100		
253	37.4	31.7	47.5
125	20.0	14.6	21.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





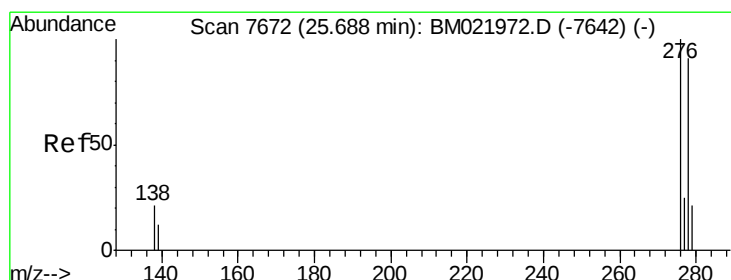
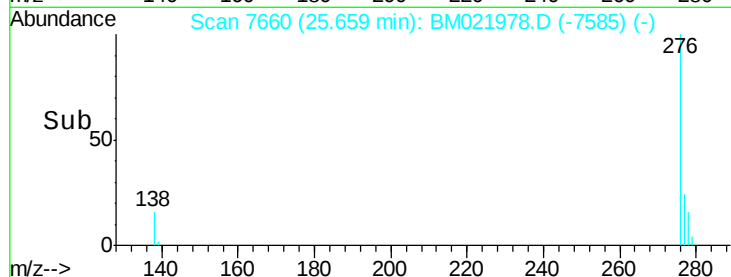
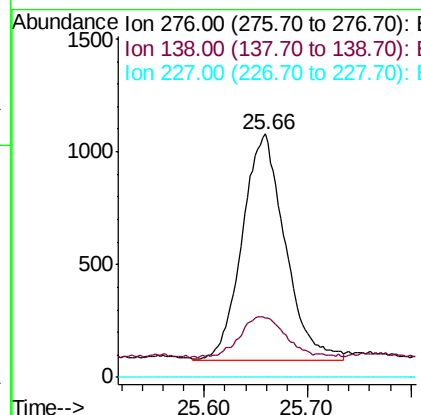
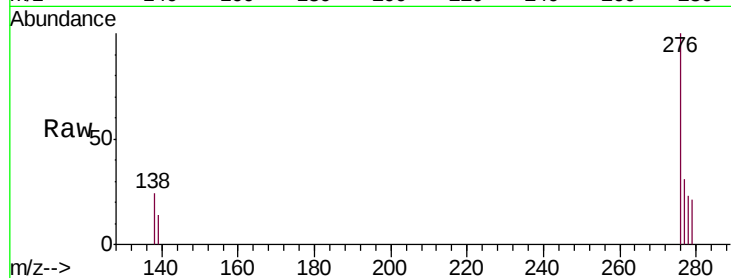
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.170 ng/ul m
 RT: 25.66 min Scan# 7660
 Delta R.T. -0.02 min
 Lab File: BM021978.D
 Acq: 09 Aug 2019 20:26

Instrument :
 BNA_M
 ClientSampleId :
 JLLD3

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	2868		
138	2.7	15.1	22.7#	
227	0.0	0.0	0.0	

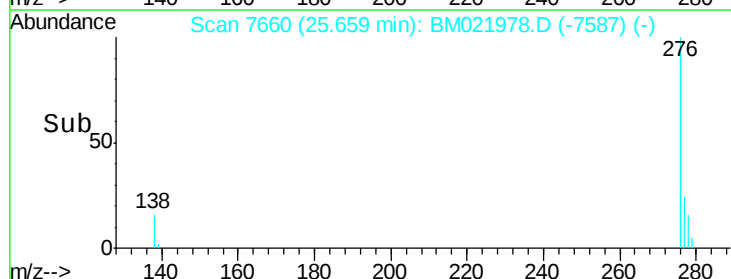
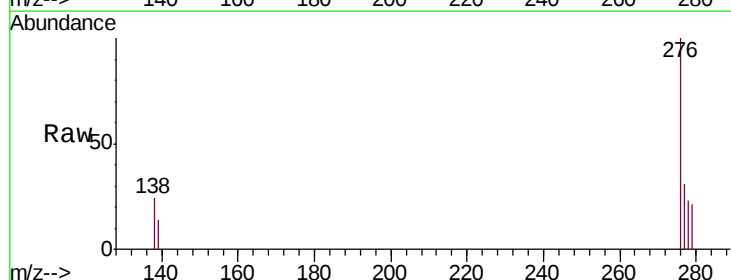
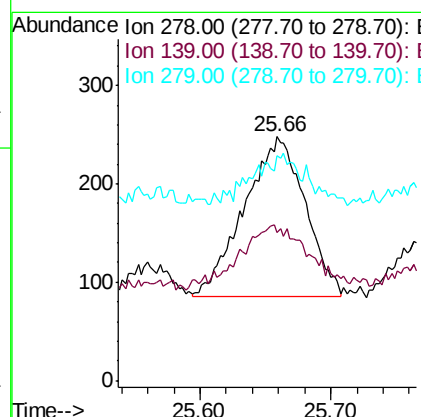
Manual Integrations
 APPROVED

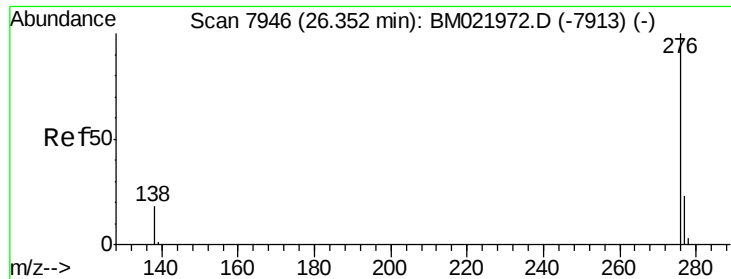
Sohil
 8/13/2019 8:36:05 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.038 ng/ul m
 RT: 25.66 min Scan# 7660
 Delta R.T. -0.02 min
 Lab File: BM021978.D
 Acq: 09 Aug 2019 20:26

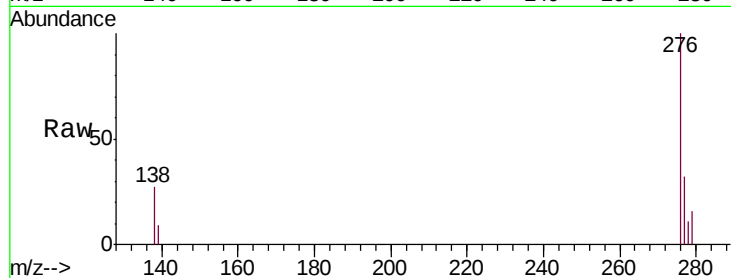
Tgt Ion	Ratio	Resp	Lower	Upper
278	100	520		
139	60.9	14.2	21.2#	
279	91.9	28.3	42.5#	





#26
Benzo(g,h,i)perylene
Concen: 0.215 ng/ul m
RT: 26.34 min Scan# 7939
Delta R.T. -0.02 min
Lab File: BM021978.D
Acq: 09 Aug 2019 20:26

Instrument :
BNA_M
ClientSampleId :
JLLD3



Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	15.5	23.3#
277	32.3	21.4	32.2#

Manual Integrations
APPROVED

Sohil
8/13/2019 8:36:05 AM

