

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
 Data File : BM025396.D
 Acq On : 08 Mar 2020 22:09
 Operator : CG/JU
 Sample : L1617-13
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDS7

Manual Integrations
 APPROVED

mohammad
 3/9/2020 3:03:51 PM

Quant Time: Mar 09 02:25:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 08:02:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4213	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	17669	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.29	164	12556	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	30403	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	28211	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	24074	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1942	0.06	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	5863	0.06	ng/ul	-0.01
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	1510	0.026	ng/ul	97
12) Phenanthrene	17.08	178	42241	0.431	ng/ul	95
13) Anthracene	17.17	178	4942	0.057	ng/ul	98
15) Fluoranthene	19.09	202	408541	3.329	ng/ul	95
17) Pyrene	19.46	202	274913	2.569	ng/ul	95
18) Benzo(a)anthracene	21.21	228	86492	0.834	ng/ul	98
19) Chrysene	21.26	228	94268	0.827	ng/ul	98
21) Benzo(b)fluoranthene	22.76	252	45964m	0.477	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	15173m	0.150	ng/ul	
23) Benzo(a)pyrene	23.31	252	13084	0.162	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.58	276	6815	0.068	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.59	278	1859	0.022	ng/ul#	68
26) Benzo(g,h,i)perylene	26.25	276	3726	0.044	ng/ul	94

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

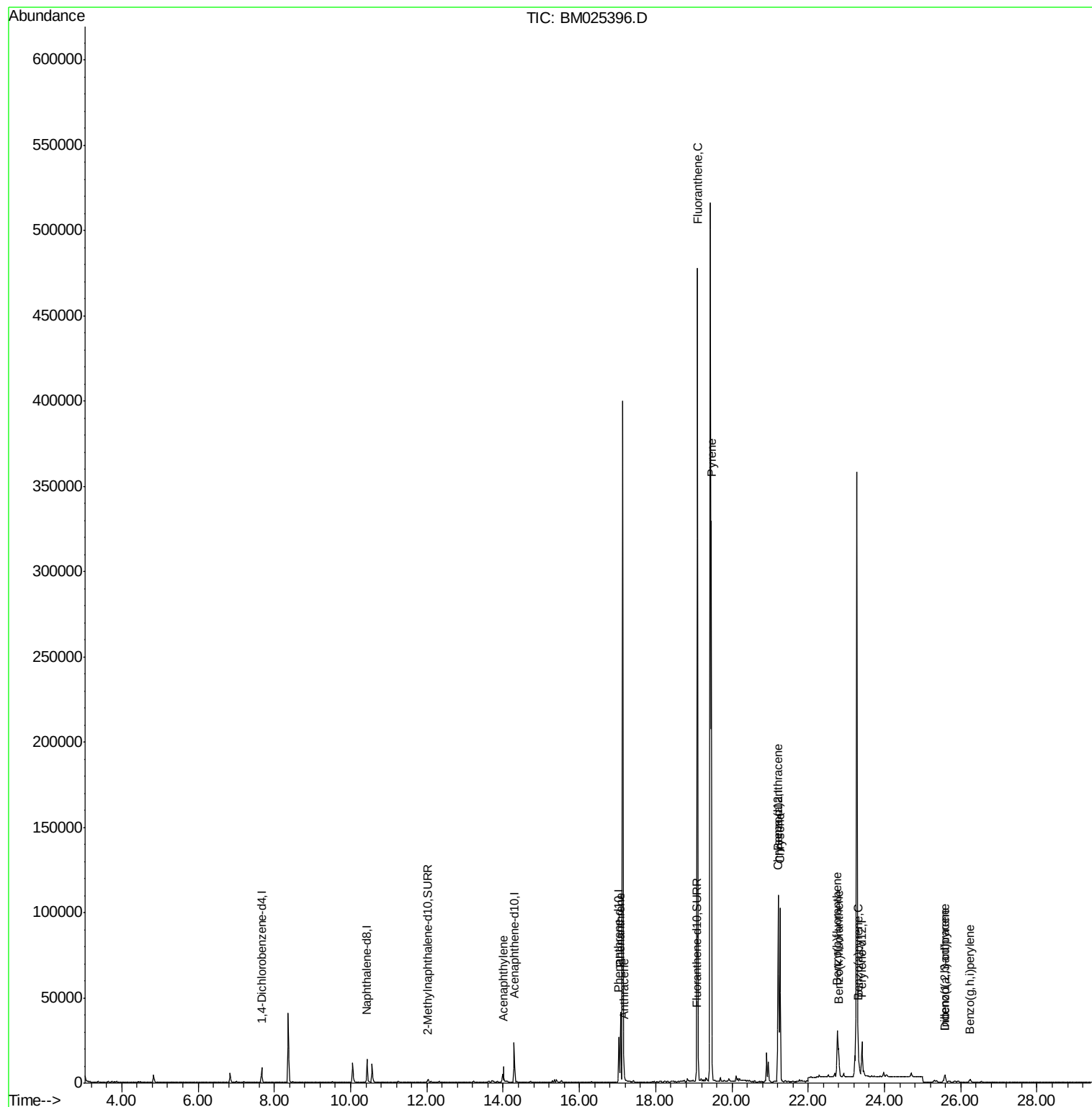
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030620\
Data File : BM025396.D
Acq On : 08 Mar 2020 22:09
Operator : CG/JU
Sample : L1617-13
Misc :
ALS Vial : 82 Sample Multiplier: 1

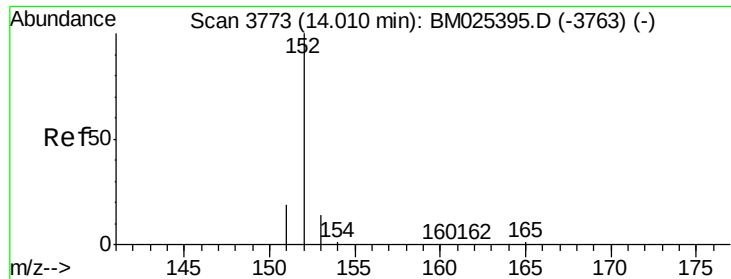
Instrument :
BNA_M
ClientSampleId :
DBDS7

Manual Integrations
APPROVED

mohammad
3/9/2020 3:03:51 PM

Quant Time: Mar 09 02:25:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.026 ng/ul

RT: 14.01 min Scan# 3772

Delta R.T. -0.02 min

Lab File: BM025396.D

Acq: 08 Mar 2020 22:09

Instrument :

BNA_M

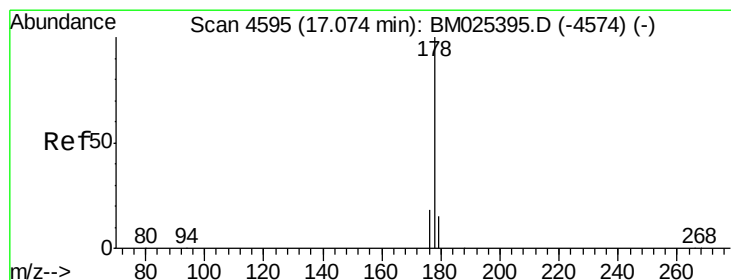
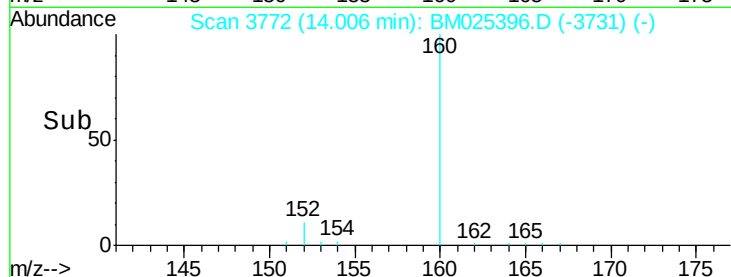
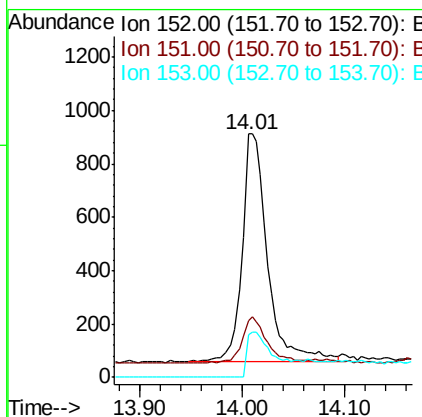
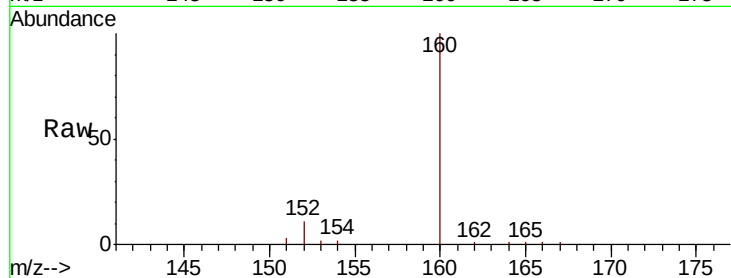
ClientSampleId :

DBDS7

Tot Ion:	152	Resp:	1510
Ion	Ratio	Lower	Upper
152	100		
151	23.6	17.8	26.8
153	17.8	13.3	19.9

Manual Integrations
APPROVED

mohammad
3/9/2020 3:03:51 PM



#12

Phenanthrene

Concen: 0.431 ng/ul

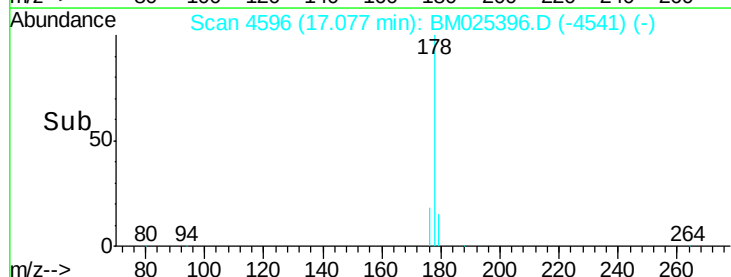
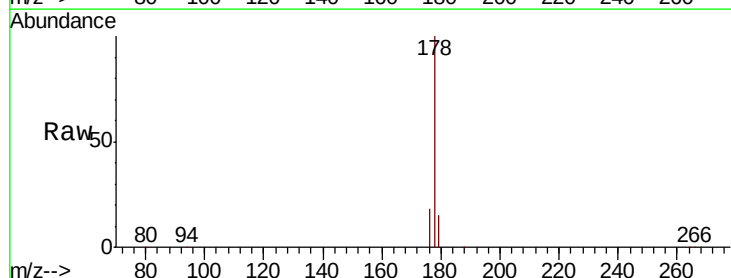
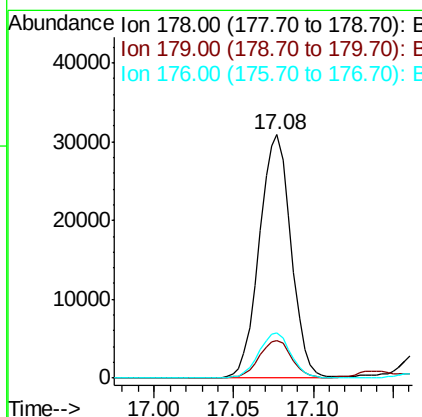
RT: 17.08 min Scan# 4596

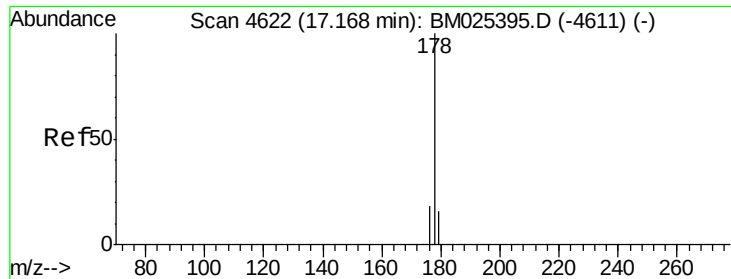
Delta R.T. -0.01 min

Lab File: BM025396.D

Acq: 08 Mar 2020 22:09

Tgt Ion:	178	Resp:	42241
Ion	Ratio	Lower	Upper
178	100		
179	15.5	14.0	21.0
176	18.5	16.6	24.8





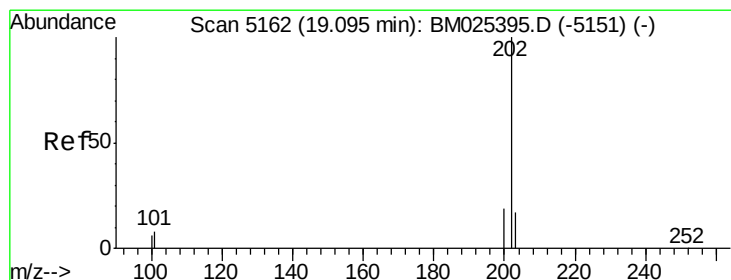
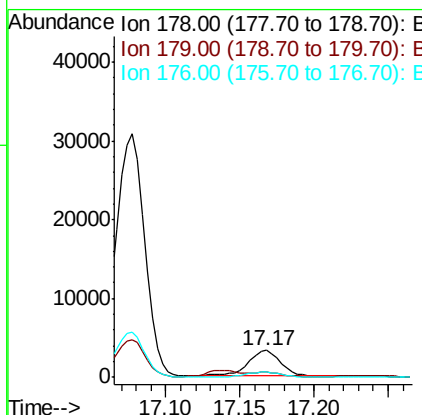
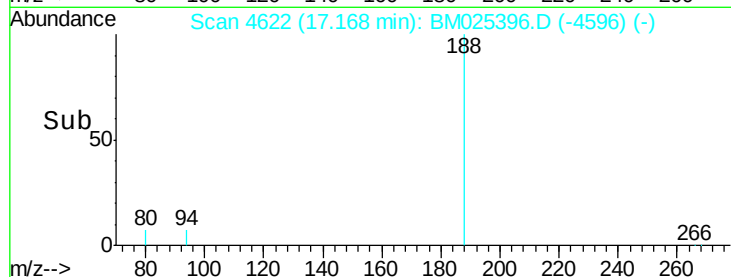
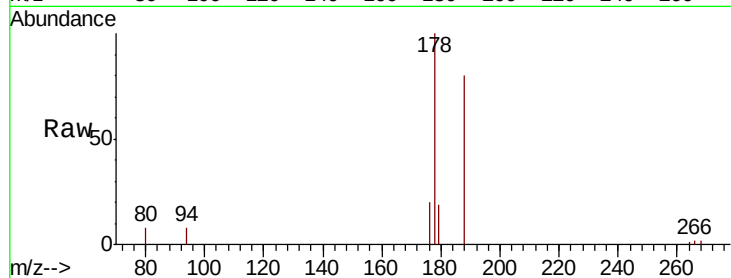
#13
 Anthracene
 Concen: 0.057 ng/ul
 RT: 17.17 min Scan# 4622
 Delta R.T. -0.01 min
 Lab File: BM025396.D
 Acq: 08 Mar 2020 22:09

Instrument :
 BNA_M
 ClientSampleId :
 DBDS7

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.7	14.1	21.1
176	19.5	16.2	24.4

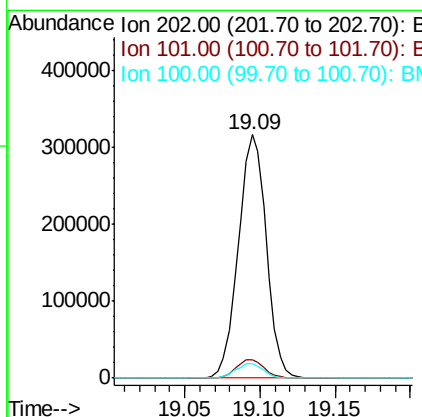
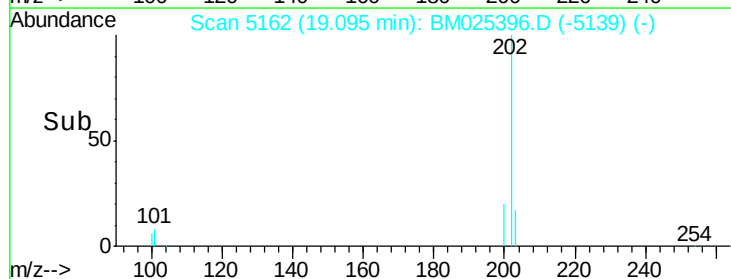
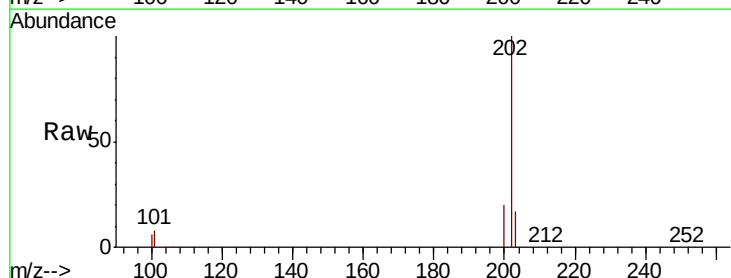
Manual Integrations
 APPROVED

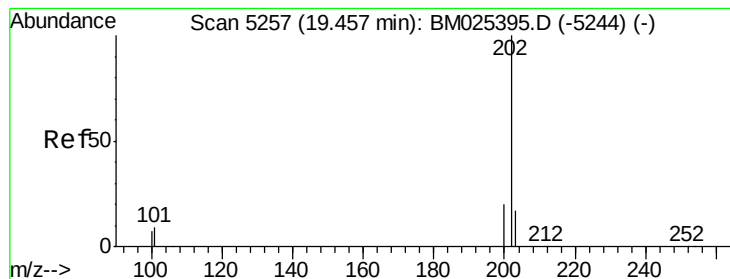
mohammad
 3/9/2020 3:03:51 PM



#15
 Fluoranthene
 Concen: 3.329 ng/ul
 RT: 19.09 min Scan# 5162
 Delta R.T. -0.01 min
 Lab File: BM025396.D
 Acq: 08 Mar 2020 22:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	29.4
100	5.9	0.0	28.0





#17

Pvrene

Concen: 2.569 ng/ul

RT: 19.46 min Scan# 5257

Delta R.T. -0.01 min

Lab File: BM025396.D

Acq: 08 Mar 2020 22:09

Instrument :

BNA_M

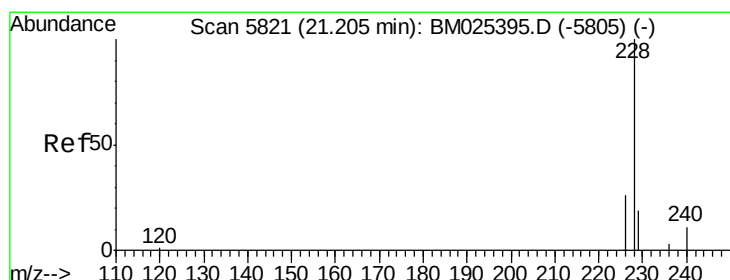
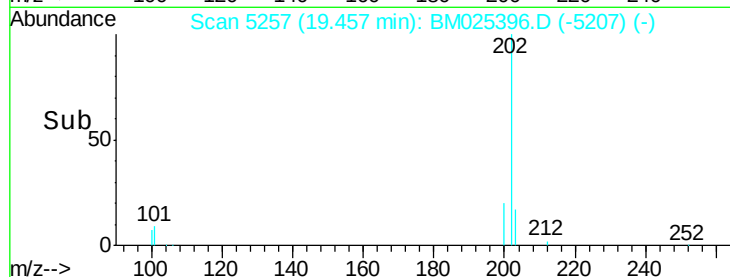
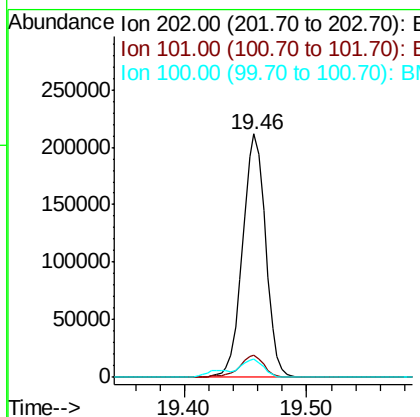
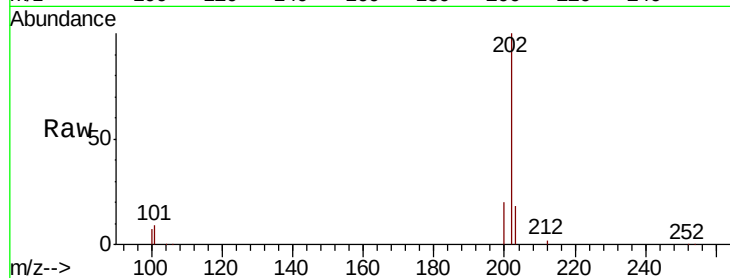
ClientSampleId :

DBDS7

Tot Ion:	202	Resp:	274913
Ion Ratio	Lower	Upper	
202	100		
101	9.0	8.7	13.1
100	7.4	7.3	10.9

Manual Integrations
APPROVED

mohammad
3/9/2020 3:03:51 PM



#18

Benzo(a)anthracene

Concen: 0.834 ng/ul

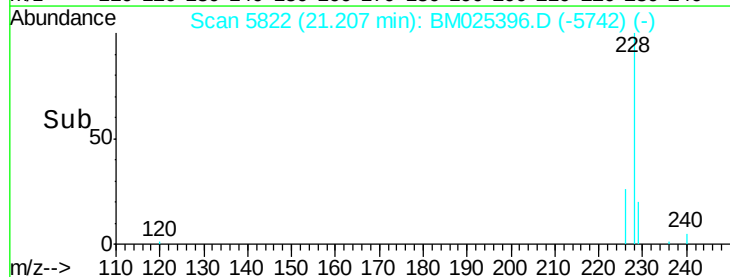
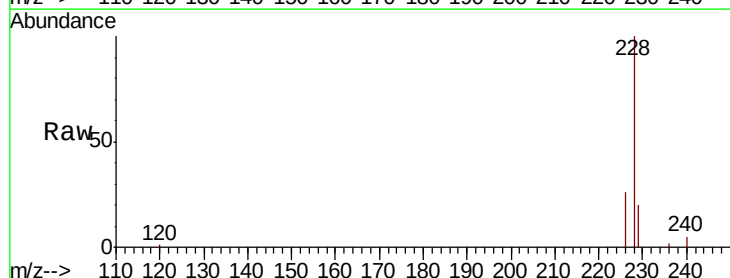
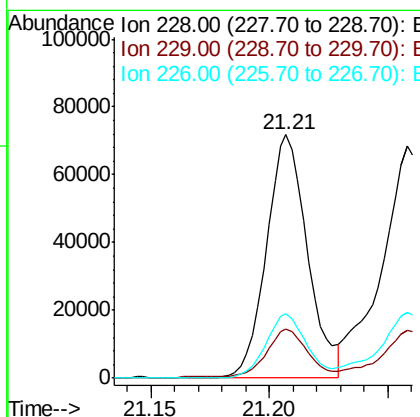
RT: 21.21 min Scan# 5822

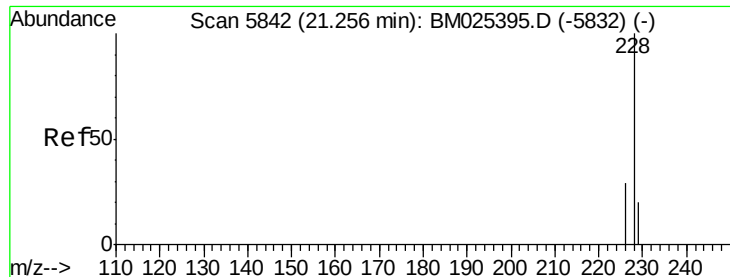
Delta R.T. -0.01 min

Lab File: BM025396.D

Acq: 08 Mar 2020 22:09

Tgt Ion:	228	Resp:	86492
Ion Ratio	Lower	Upper	
228	100		
229	19.9	16.6	25.0
226	26.3	21.9	32.9





#19

Chrysene

Concen: 0.827 ng/ul

RT: 21.26 min Scan# 5843

Delta R.T. -0.01 min

Lab File: BM025396.D

Acq: 08 Mar 2020 22:09

Instrument :

BNA_M

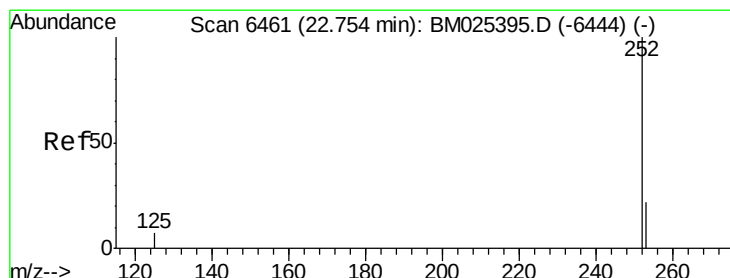
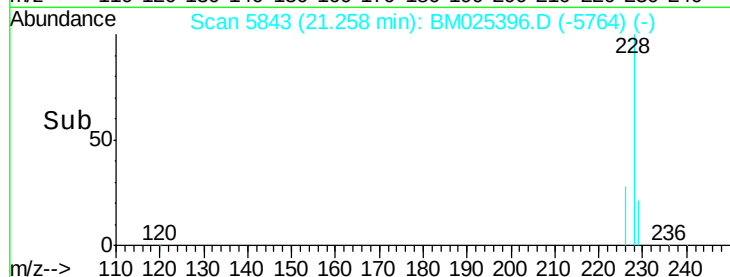
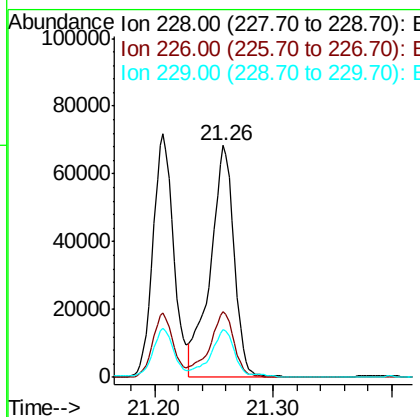
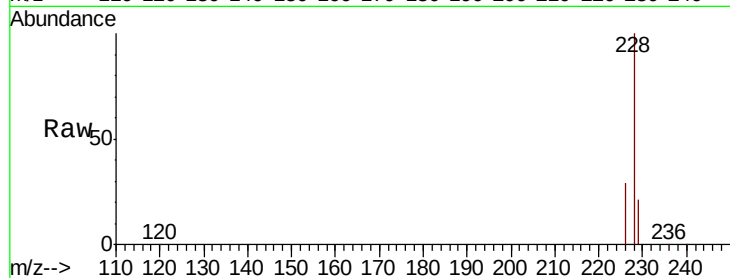
ClientSampled :

DBDS7

Tot Ion:	228	Resp:	94268
Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.8	35.8
229	20.7	16.9	25.3

Manual Integrations
APPROVED

mohammad
3/9/2020 3:03:51 PM



#21

Benzo(b)fluoranthene

Concen: 0.477 ng/ul m

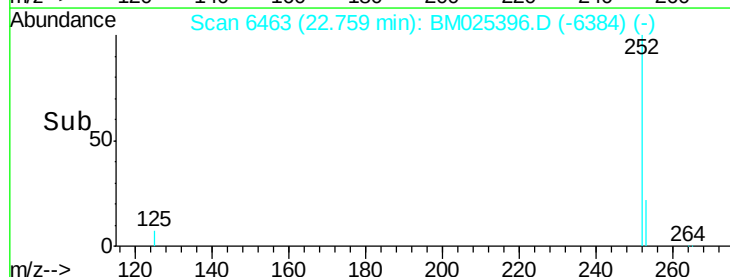
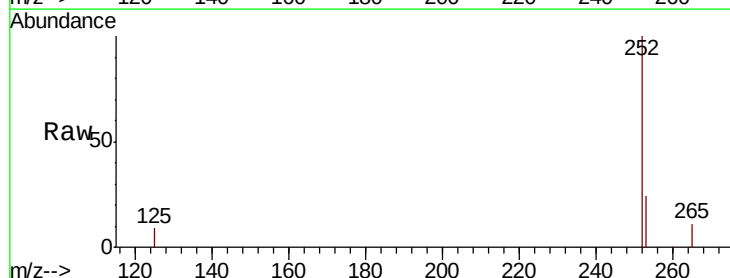
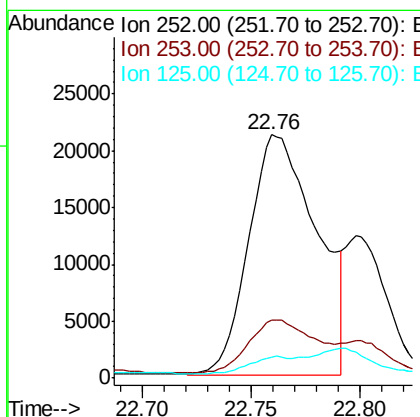
RT: 22.76 min Scan# 6463

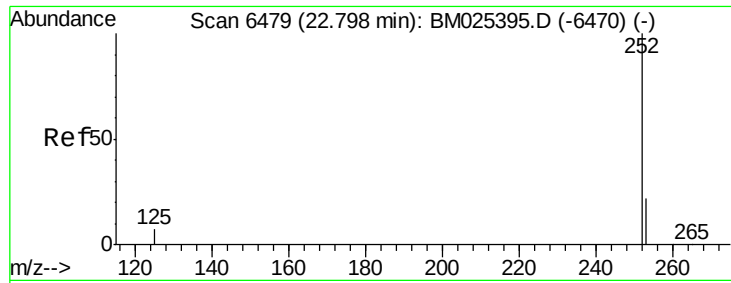
Delta R.T. -0.01 min

Lab File: BM025396.D

Acq: 08 Mar 2020 22:09

Tgt Ion:	252	Resp:	45964
Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	49.8
125	8.7	0.0	28.6





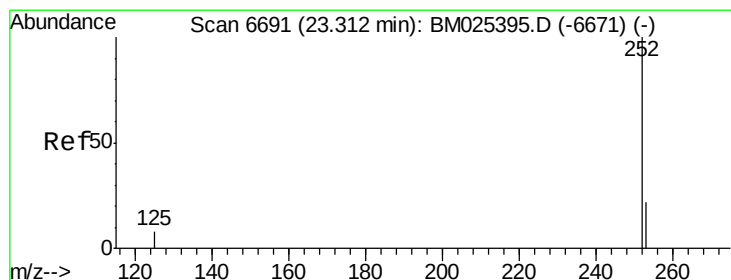
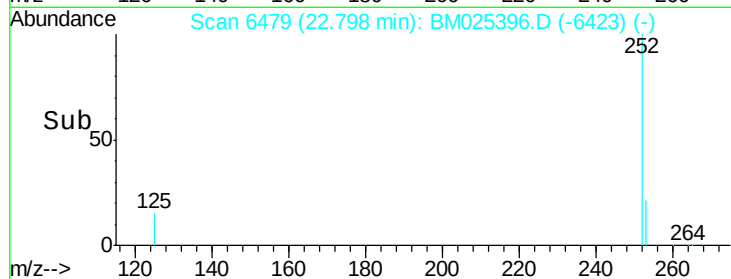
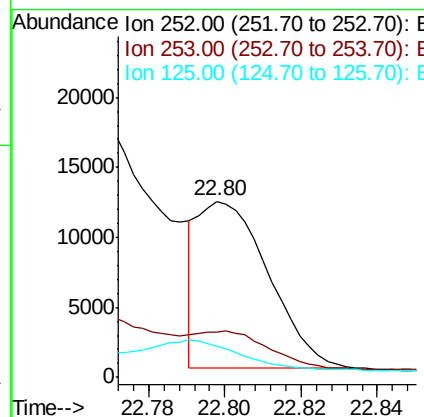
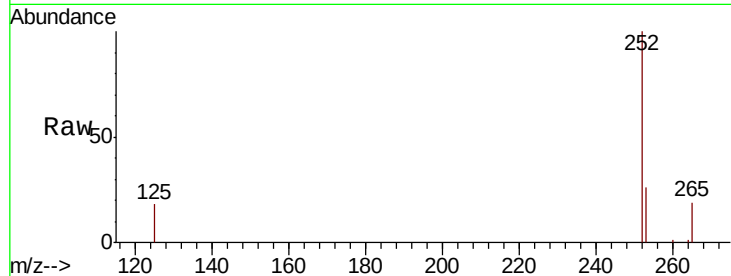
#22
Benzo(k)fluoranthene
Concen: 0.150 ng/ul m
RT: 22.80 min Scan# 6479
Delta R.T. -0.01 min
Lab File: BM025396.D
Acq: 08 Mar 2020 22:09

Instrument :
BNA_M
ClientSampleId :
DBDS7

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	19.4	29.0
125	18.0	10.7	16.1

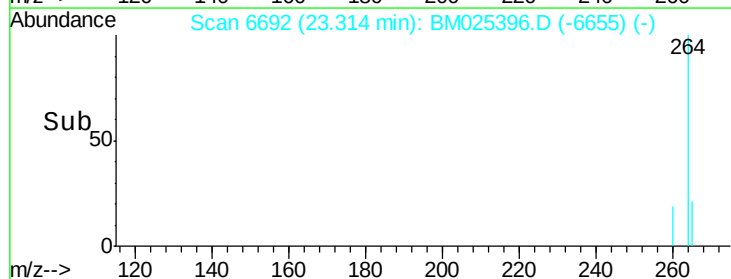
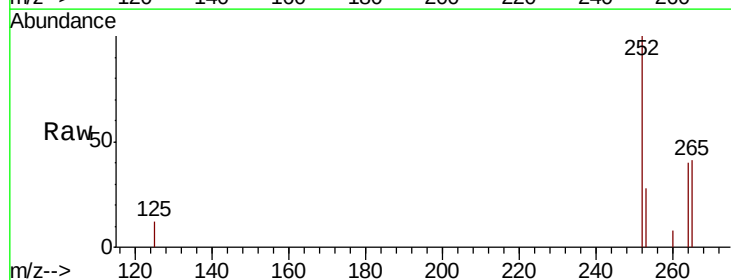
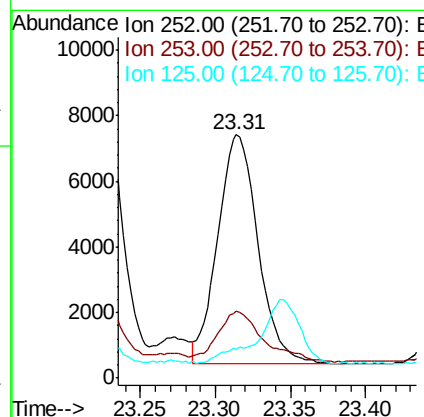
Manual Integrations
APPROVED

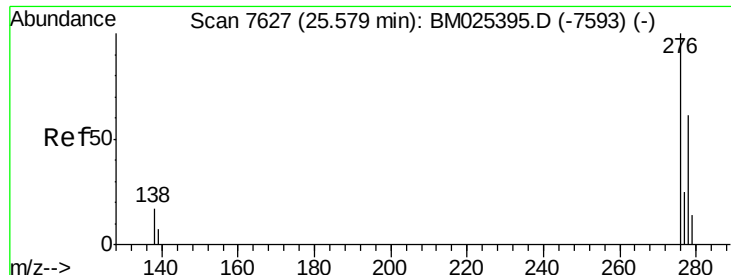
mohammad
3/9/2020 3:03:51 PM



#23
Benzo(a)pyrene
Concen: 0.162 ng/ul
RT: 23.31 min Scan# 6692
Delta R.T. -0.01 min
Lab File: BM025396.D
Acq: 08 Mar 2020 22:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.7	20.3	30.5
125	12.0	13.0	19.4





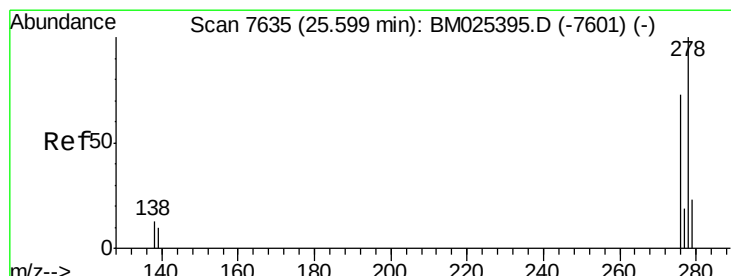
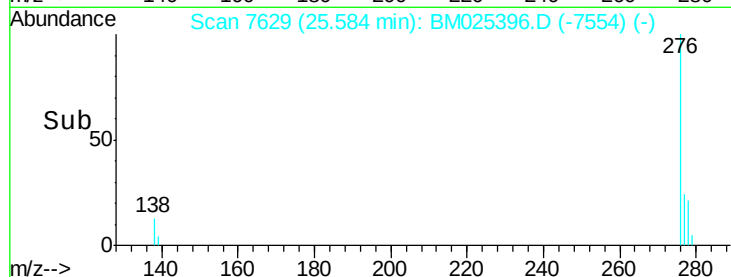
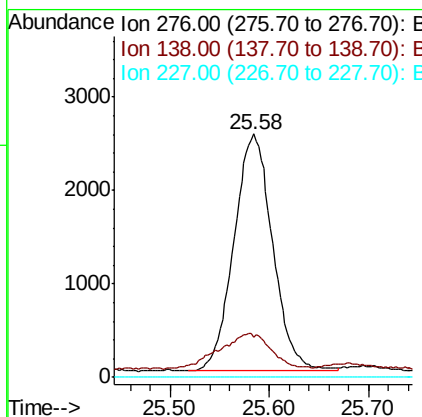
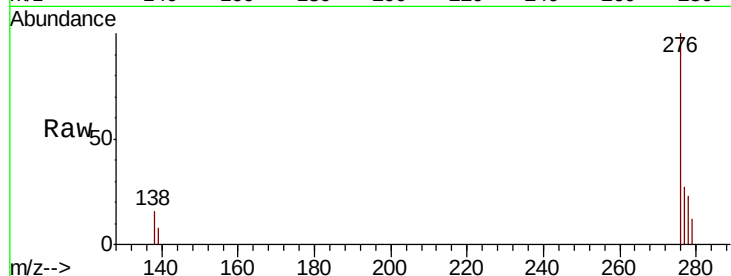
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.068 ng/ul
 RT: 25.58 min Scan# 7629
 Delta R.T. -0.02 min
 Lab File: BM025396.D
 Acq: 08 Mar 2020 22:09

Instrument :
 BNA_M
 ClientSampleId :
 DBDS7

Tot Ion	Ratio	Resp	Lower	Upper
276	100	6815		
138	20.3		0.0	0.0#
227	0.0		0.0	0.0

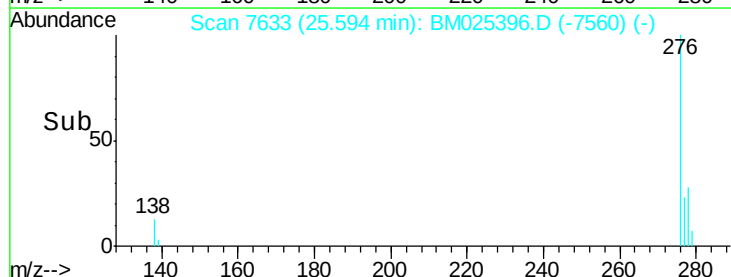
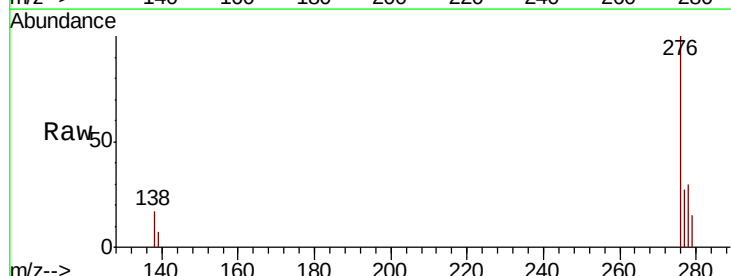
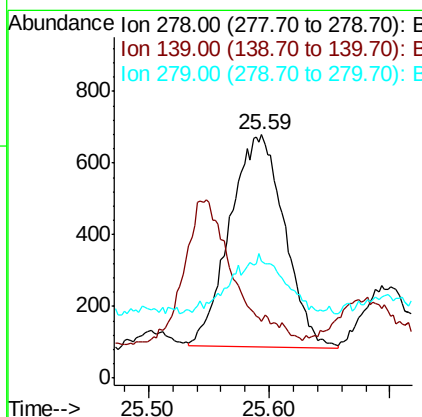
Manual Integrations
 APPROVED

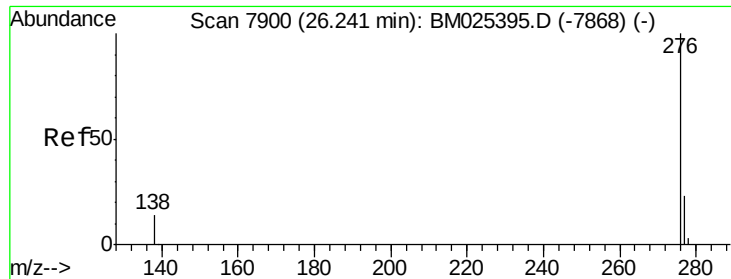
mohammad
 3/9/2020 3:03:51 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.022 ng/ul
 RT: 25.59 min Scan# 7633
 Delta R.T. -0.02 min
 Lab File: BM025396.D
 Acq: 08 Mar 2020 22:09

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	1859		
139	23.3		13.2	19.8#
279	48.2		21.0	31.4#





#26
 Benzo(a,h,i)perylene
 Concen: 0.044 ng/ul
 RT: 26.25 min Scan# 7902
 Delta R.T. -0.02 min
 Lab File: BM025396.D
 Acq: 08 Mar 2020 22:09

Instrument :
 BNA_M
 ClientSampleId :
 DBDS7

Tot Ion:	276	Resp:	3726
Ion Ratio	Lower	Upper	
276	100		
138	20.7	17.9	26.9
277	29.4	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 3/9/2020 3:03:51 PM

