

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025443.D
 Acq On : 10 Mar 2020 09:18
 Operator : CG/JU
 Sample : L1612-12
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDL4

Manual Integrations
 APPROVED

mohammad
 3/11/2020 8:01:03 AM

Quant Time: Mar 10 12:12:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 09 13:32:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3308	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	14146	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9691	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	20030	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	13845	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	14228	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	8843	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	19080	0.35	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	1333	0.034	ng/ul#	91
12) Phenanthrene	17.07	178	1993	0.031	ng/ul#	91
13) Anthracene	17.16	178	4707	0.085	ng/ul#	94
15) Fluoranthene	19.09	202	15339	0.223	ng/ul	97
17) Pyrene	19.45	202	20282	0.326	ng/ul	99
18) Benzo(a)anthracene	21.20	228	7348	0.148	ng/ul	95
19) Chrysene	21.26	228	12191	0.219	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	21101m	0.375	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	7390m	0.125	ng/ul	
23) Benzo(a)pyrene	23.31	252	6969	0.149	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.58	276	5357	0.084	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.58	278	1515	0.028	ng/ul#	48
26) Benzo(g,h,i)perylene	26.23	276	2892	0.053	ng/ul#	85

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

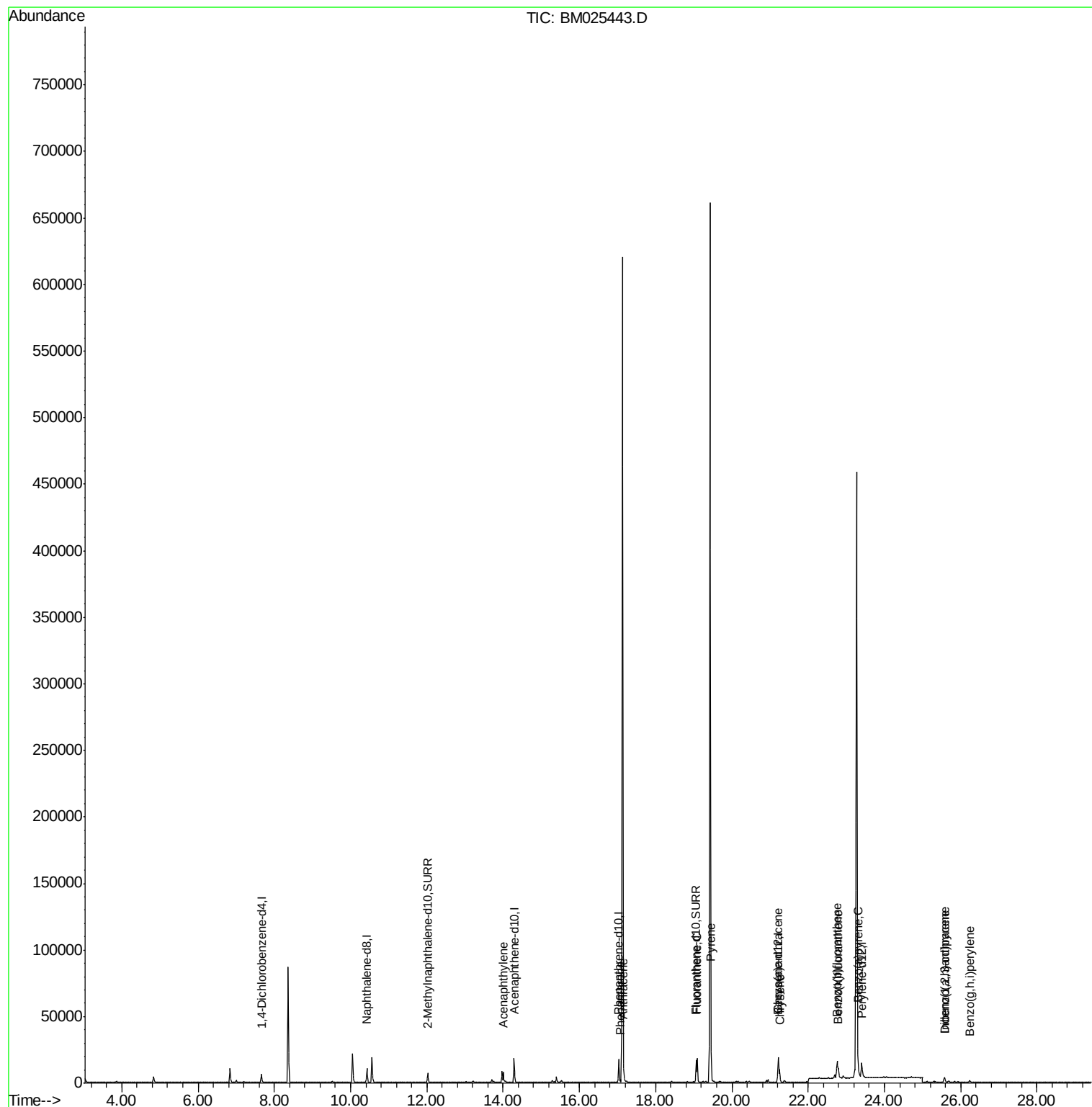
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025443.D
Acq On : 10 Mar 2020 09:18
Operator : CG/JU
Sample : L1612-12
Misc :
ALS Vial : 37 Sample Multiplier: 1

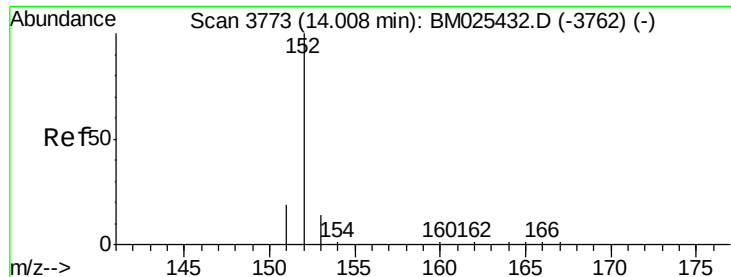
Instrument :
BNA_M
ClientSampleId :
DBDL4

Manual Integrations
APPROVED

mohammad
3/11/2020 8:01:03 AM

Quant Time: Mar 10 12:12:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.034 ng/ul

RT: 14.01 min Scan# 3772

Delta R.T. -0.00 min

Lab File: BM025443.D

Acq: 10 Mar 2020 09:18

Instrument :

BNA_M

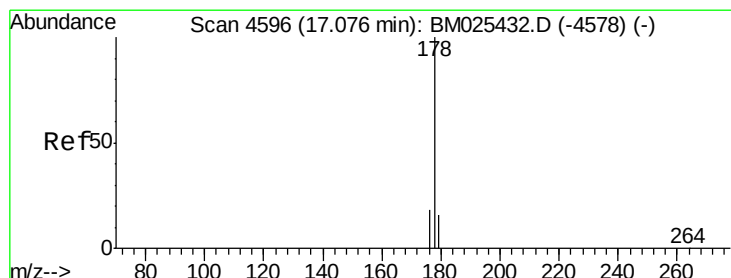
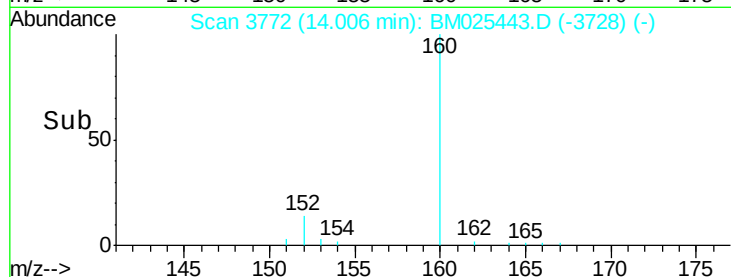
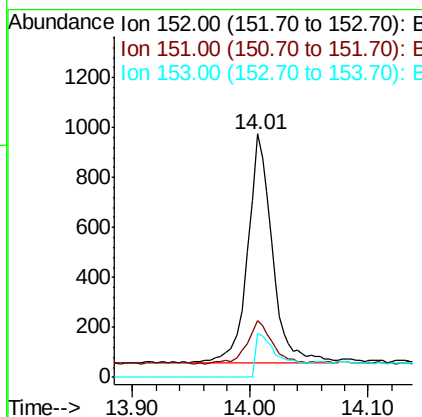
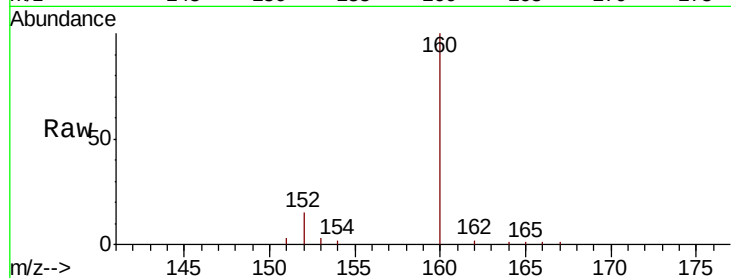
ClientSampleId :

DBDL4

Tot Ion:	152	Resp:	1333
Ion Ratio	Lower	Upper	
152	100		
151	23.3	16.2	24.2
153	17.8	10.6	16.0#

Manual Integrations
APPROVED

mohammad
3/11/2020 8:01:03 AM



#12

Phenanthrene

Concen: 0.031 ng/ul

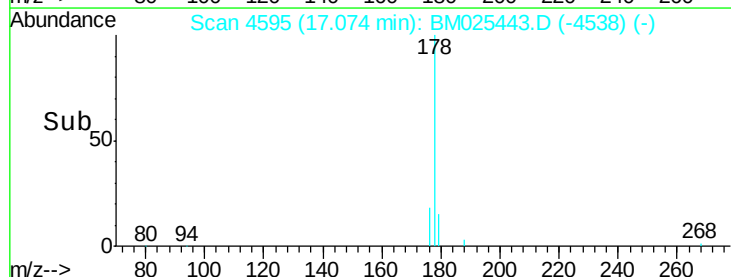
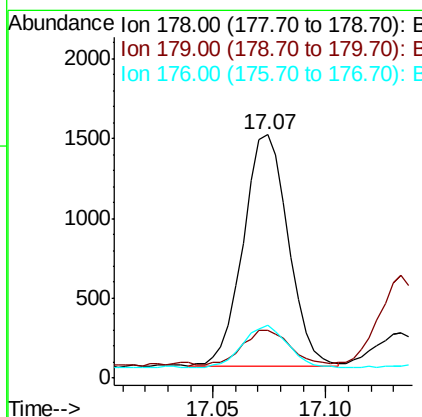
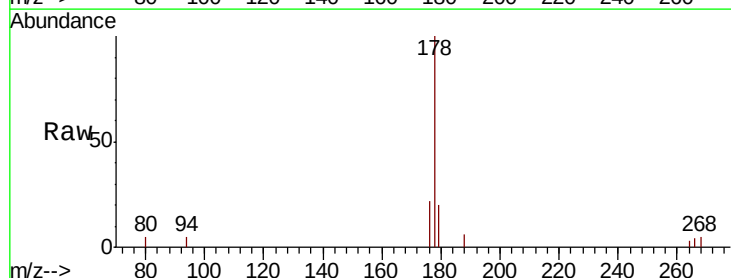
RT: 17.07 min Scan# 4595

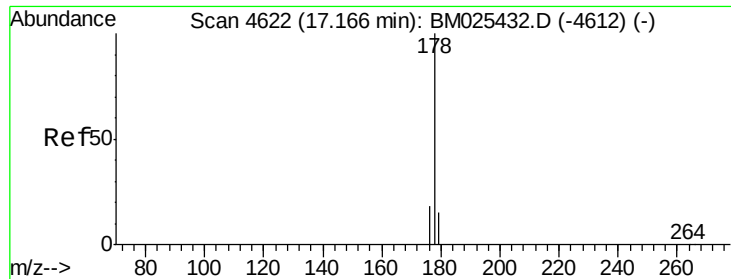
Delta R.T. -0.00 min

Lab File: BM025443.D

Acq: 10 Mar 2020 09:18

Tgt Ion:	178	Resp:	1993
Ion Ratio	Lower	Upper	
178	100		
179	19.6	12.4	18.6#
176	21.9	14.8	22.2





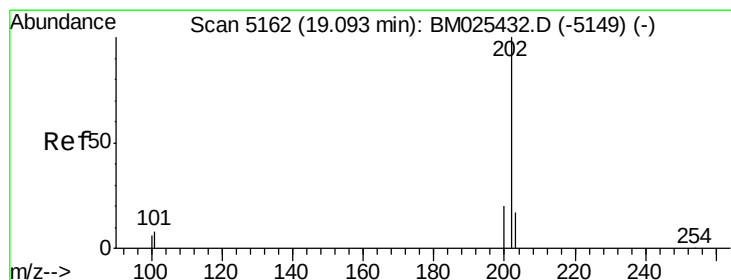
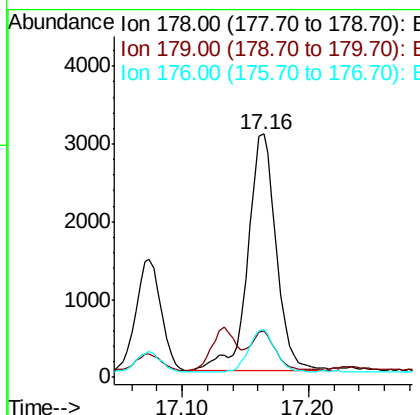
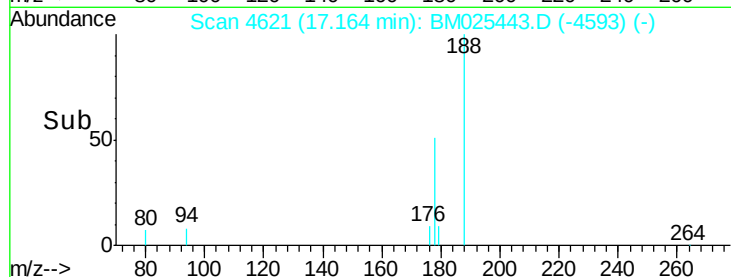
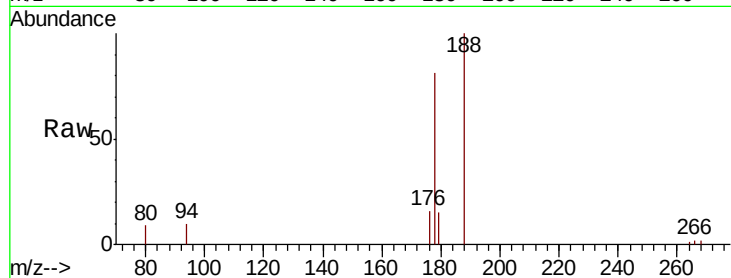
#13
 Anthracene
 Concen: 0.085 ng/ul
 RT: 17.16 min Scan# 4621
 Delta R.T. -0.00 min
 Lab File: BM025443.D
 Acq: 10 Mar 2020 09:18

Instrument :
 BNA_M
 ClientSampleId :
 DBDL4

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.9	12.6	18.8#
176	19.8	14.5	21.7

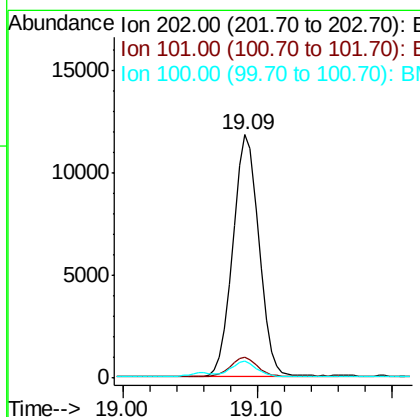
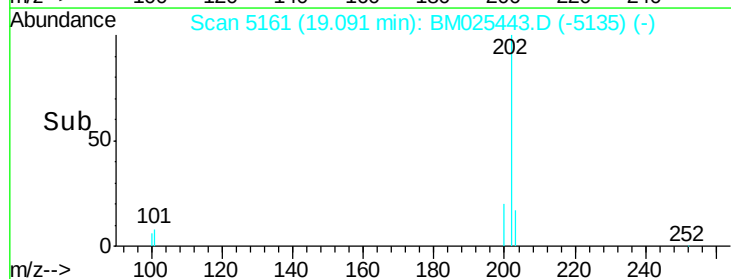
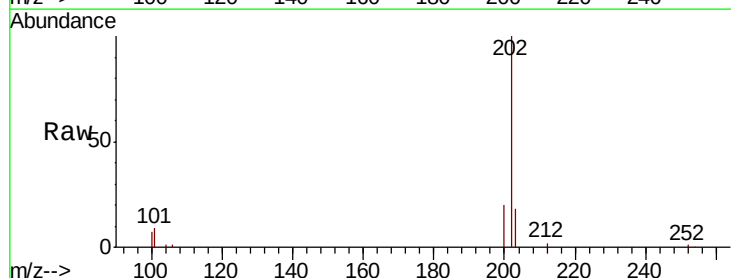
Manual Integrations
 APPROVED

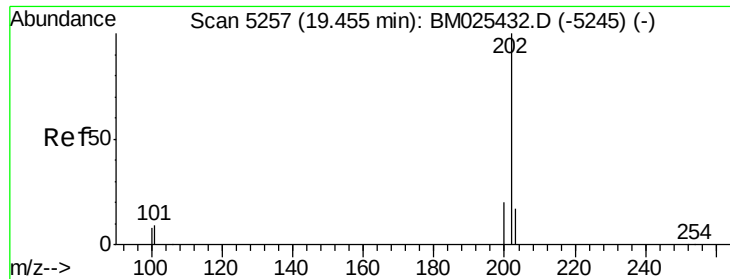
mohammad
 3/11/2020 8:01:03 AM



#15
 Fluoranthene
 Concen: 0.223 ng/ul
 RT: 19.09 min Scan# 5161
 Delta R.T. -0.00 min
 Lab File: BM025443.D
 Acq: 10 Mar 2020 09:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	27.5
100	7.0	0.0	26.0





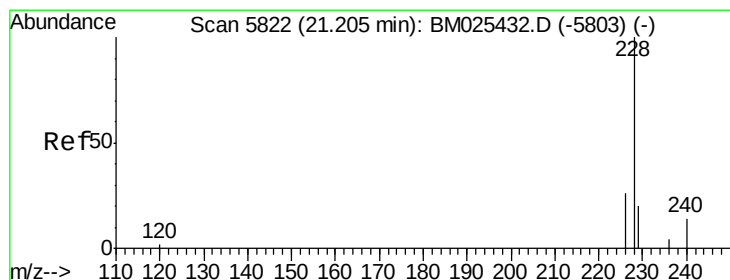
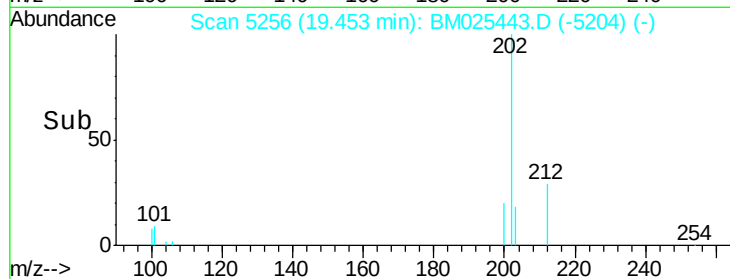
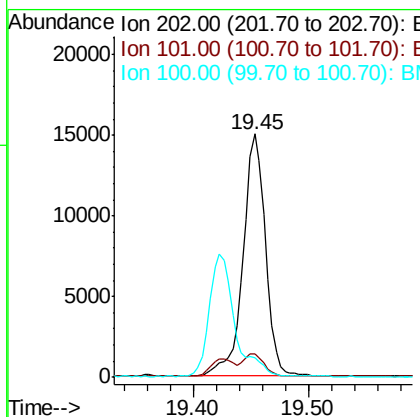
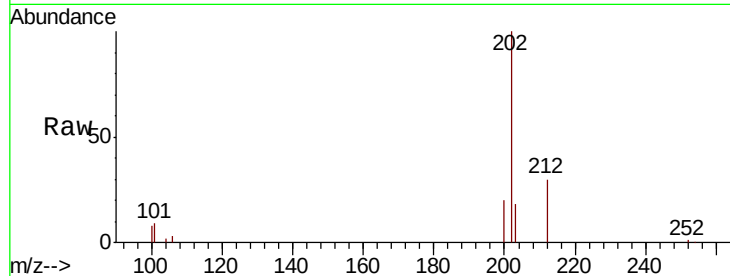
#17
Pvrene
Concen: 0.326 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.00 min
Lab File: BM025443.D
Acq: 10 Mar 2020 09:18

Instrument :
BNA_M
ClientSampleId :
DBDL4

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.4	7.1	10.7
100	8.0	6.0	9.0

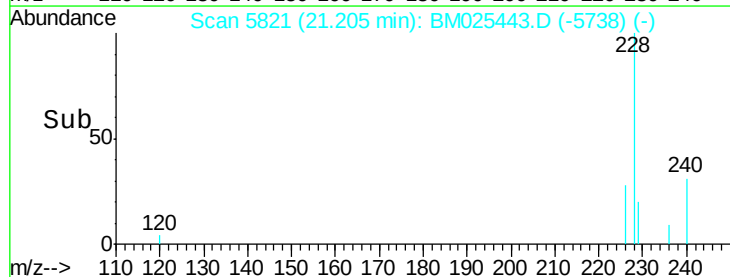
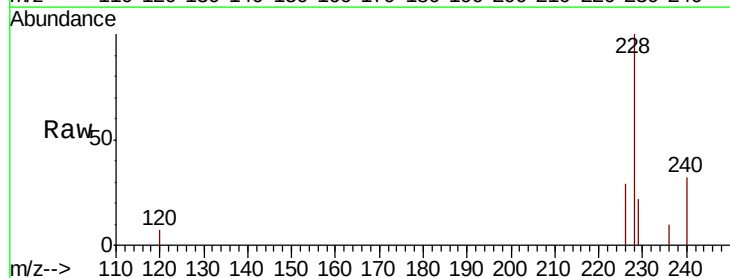
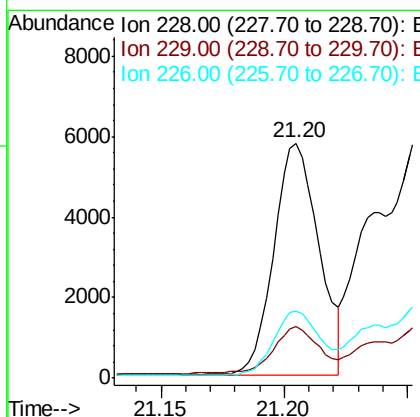
Manual Integrations
APPROVED

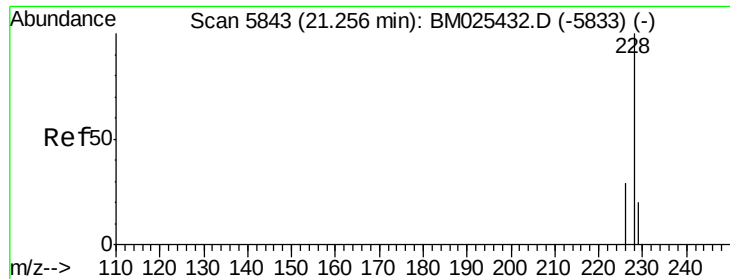
mohammad
3/11/2020 8:01:03 AM



#18
Benzo(a)anthracene
Concen: 0.148 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.00 min
Lab File: BM025443.D
Acq: 10 Mar 2020 09:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.0	15.6	23.4
226	28.8	21.1	31.7





#19

Chrysene

Concen: 0.219 ng/ul

RT: 21.26 min Scan# 5842

Delta R.T. -0.00 min

Lab File: BM025443.D

Acq: 10 Mar 2020 09:18

Instrument :

BNA_M

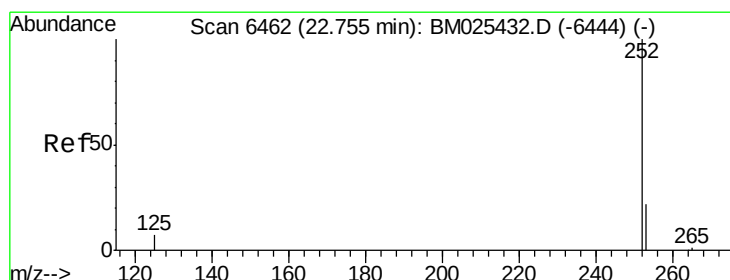
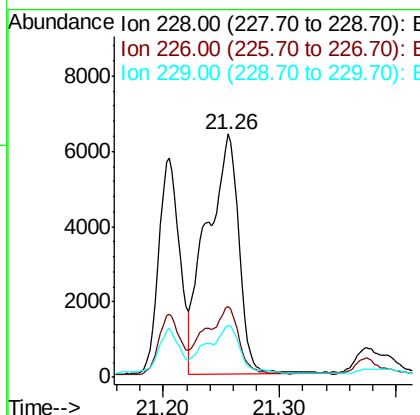
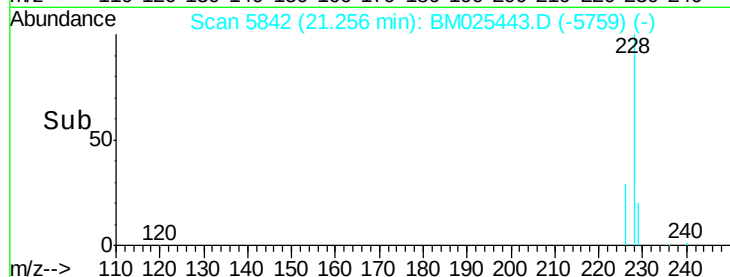
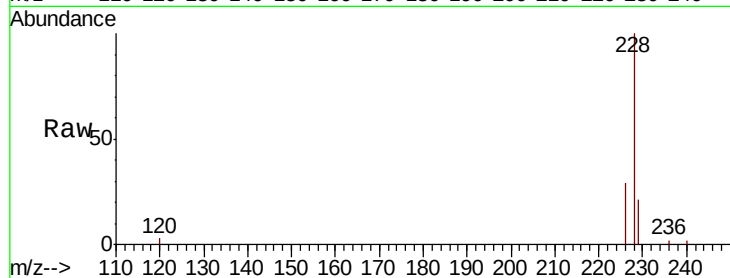
ClientSampleId :

DBDL4

Tot Ion:228	Resp:	12191
Ion Ratio	Lower	Upper
228 100		
226 29.3	23.6	35.4
229 21.1	16.3	24.5

Manual Integrations
APPROVED

mohammad
3/11/2020 8:01:03 AM



#21

Benzo(b)fluoranthene

Concen: 0.375 ng/ul m

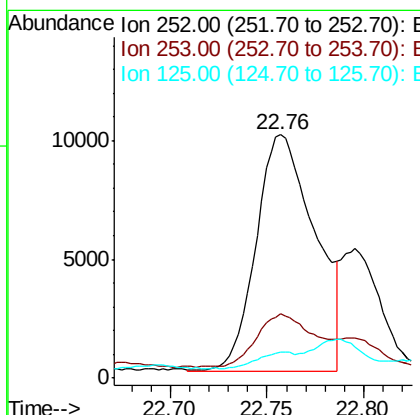
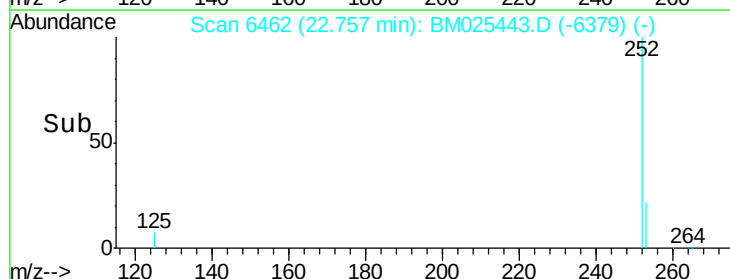
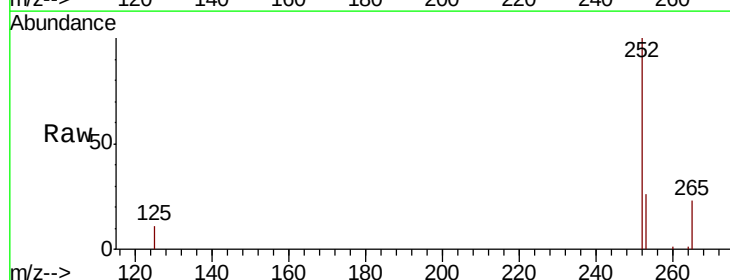
RT: 22.76 min Scan# 6462

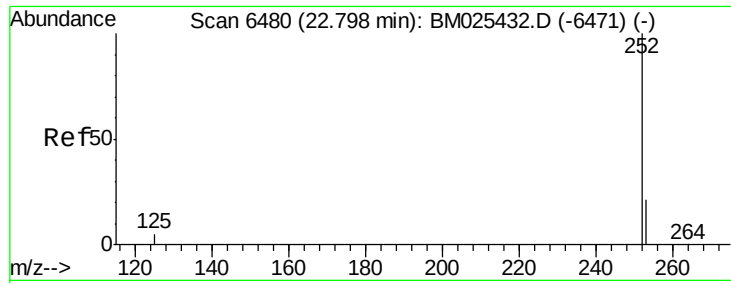
Delta R.T. 0.00 min

Lab File: BM025443.D

Acq: 10 Mar 2020 09:18

Tgt Ion:252	Resp:	21101
Ion Ratio	Lower	Upper
252 100		
253 26.3	0.0	50.2
125 10.8	0.0	17.6





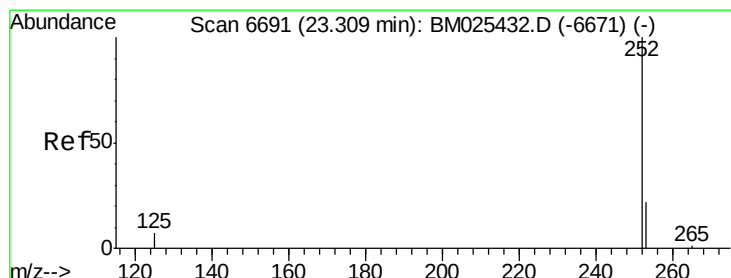
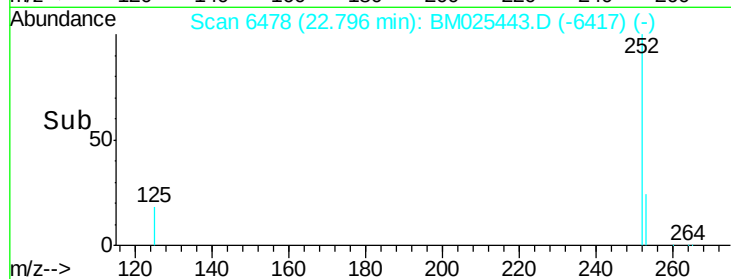
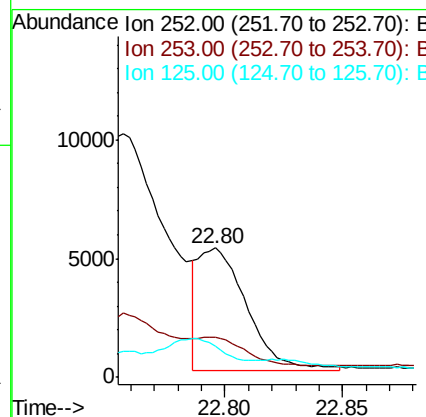
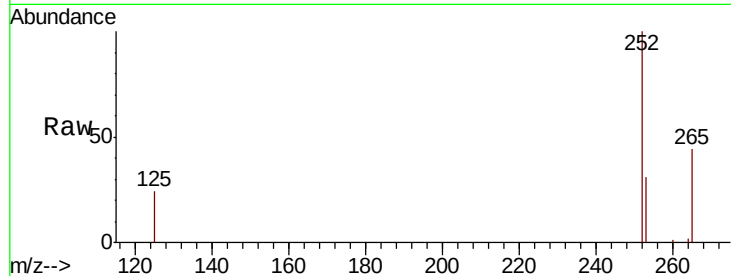
#22
Benzo(k)fluoranthene
Concen: 0.125 ng/ul m
RT: 22.80 min Scan# 6478
Delta R.T. -0.00 min
Lab File: BM025443.D
Acq: 10 Mar 2020 09:18

Instrument :
BNA_M
ClientSampleId :
DBDL4

Tot Ion	Ratio	Lower	Upper
252	100		
253	31.0	19.8	29.8#
125	23.6	7.1	10.7#

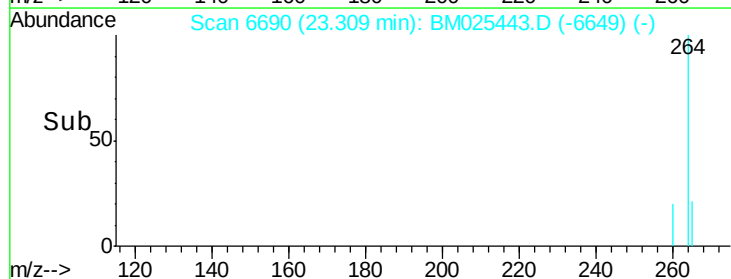
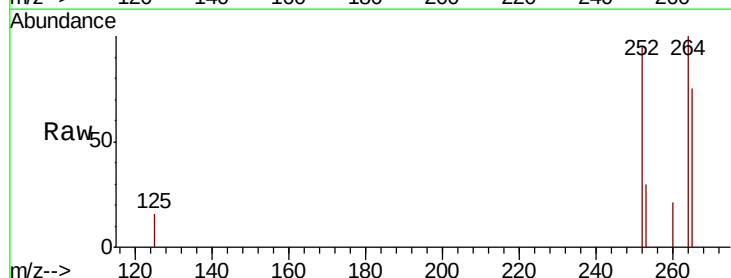
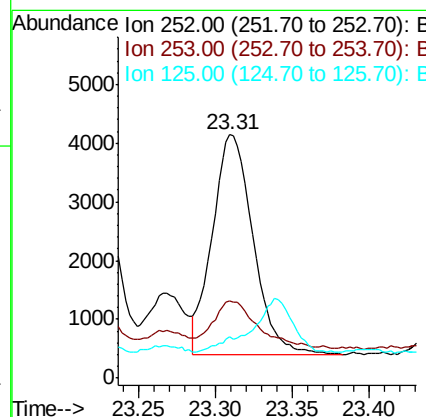
Manual Integrations
APPROVED

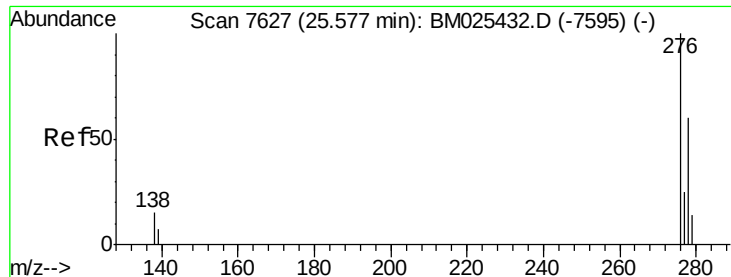
mohammad
3/11/2020 8:01:03 AM



#23
Benzo(a)pyrene
Concen: 0.149 ng/ul
RT: 23.31 min Scan# 6690
Delta R.T. -0.00 min
Lab File: BM025443.D
Acq: 10 Mar 2020 09:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.7	21.3	31.9
125	16.7	8.5	12.7#





#24

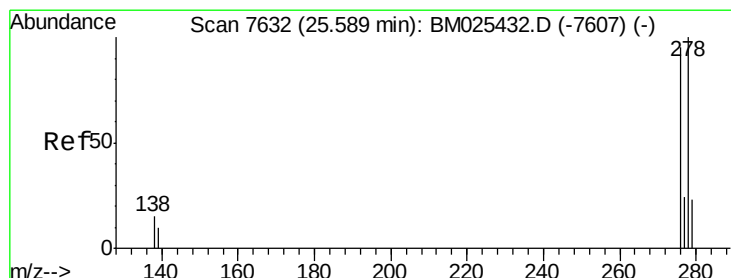
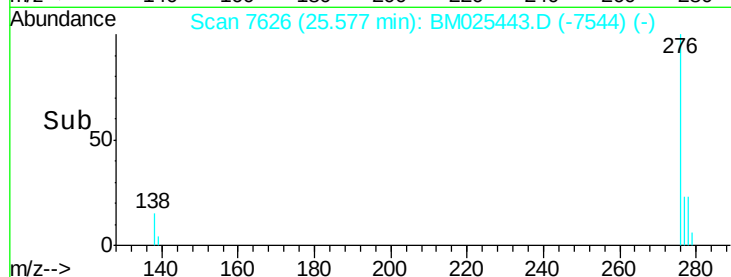
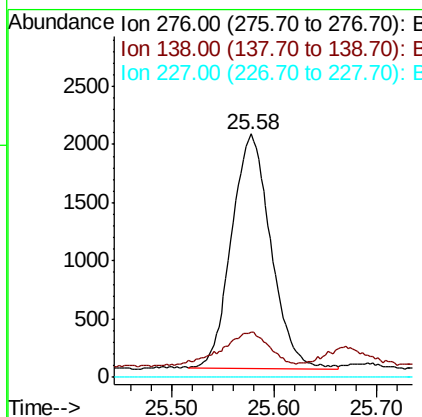
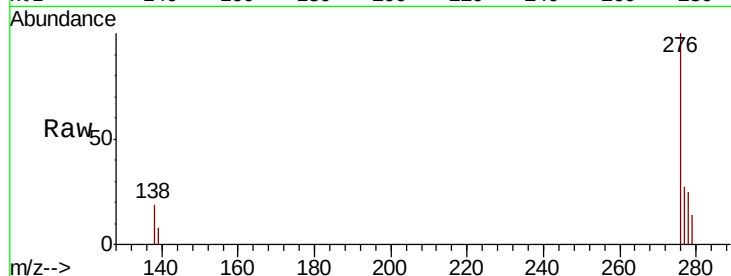
Indeno(1,2,3-cd)pyrene
Concen: 0.084 ng/ul
RT: 25.58 min Scan# 7626
Delta R.T. -0.00 min
Lab File: BM025443.D
Acq: 10 Mar 2020 09:18

Instrument :
BNA_M
ClientSampleId :
DBDL4

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.1	12.3	18.5
227	0.0	0.0	0.0

Manual Integrations
APPROVED

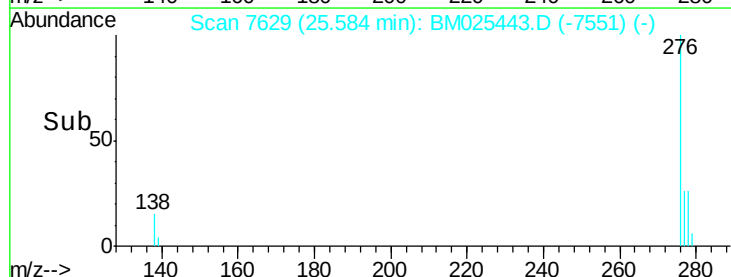
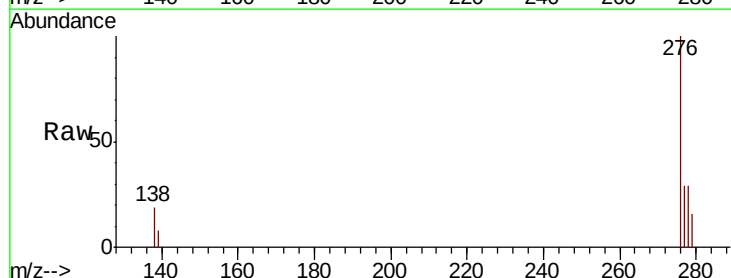
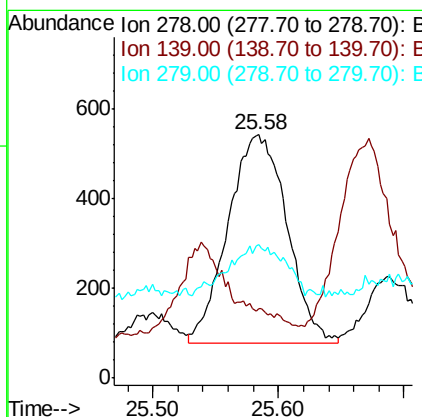
mohammad
3/11/2020 8:01:03 AM

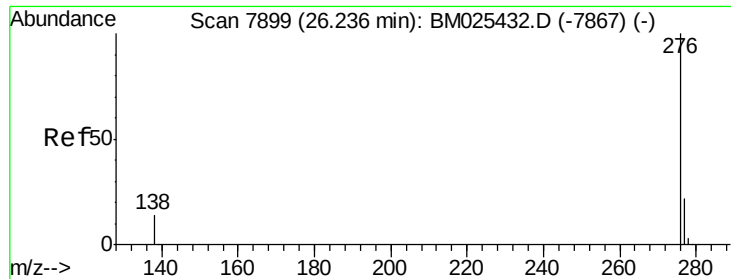


#25

Dibenzo(a,h)anthracene
Concen: 0.028 ng/ul
RT: 25.58 min Scan# 7629
Delta R.T. -0.01 min
Lab File: BM025443.D
Acq: 10 Mar 2020 09:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.4	9.0	13.6#
279	54.9	21.1	31.7#





#26

Benzo(a,h,i)perylene

Concen: 0.053 ng/ul

RT: 26.23 min Scan# 7897

Delta R.T. -0.01 min

Lab File: BM025443.D

Acq: 10 Mar 2020 09:18

Instrument :

BNA_M

ClientSampleId :

DBDL4

Tot Ion:	276	Resp:	2892
Ion Ratio	Lower	Upper	
276	100		
138	22.0	11.0	16.4#
277	30.3	19.8	29.6#

Manual Integrations
APPROVED

mohammad
3/11/2020 8:01:03 AM

