

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
 Data File : BM025083.D
 Acq On : 26 Feb 2020 18:04
 Operator : CG/JU
 Sample : L1506-01
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBCY1

Manual Integrations
 APPROVED

mohammad
 2/27/2020 5:00:53 PM

Quant Time: Feb 27 05:18:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 25 11:03:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	2707	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	10575	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.32	164	6892	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	15455m	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	16662	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	19189	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	6982	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	19564	0.37	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.10	178	1572	0.029	ng/ul#	88
15) Fluoranthene	19.12	202	7148	0.091	ng/ul	97
17) Pyrene	19.48	202	7985	0.106	ng/ul	97
18) Benzo(a)anthracene	21.23	228	6878	0.096	ng/ul	98
19) Chrysene	21.28	228	8540	0.119	ng/ul	98
21) Benzo(b)fluoranthene	22.79	252	13307m	0.177	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	4840m	0.065	ng/ul	
23) Benzo(a)pyrene	23.35	252	4654	0.068	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.64	276	3103	0.036	ng/ul#	100
26) Benzo(g,h,i)perylene	26.31	276	2491	0.034	ng/ul#	82

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

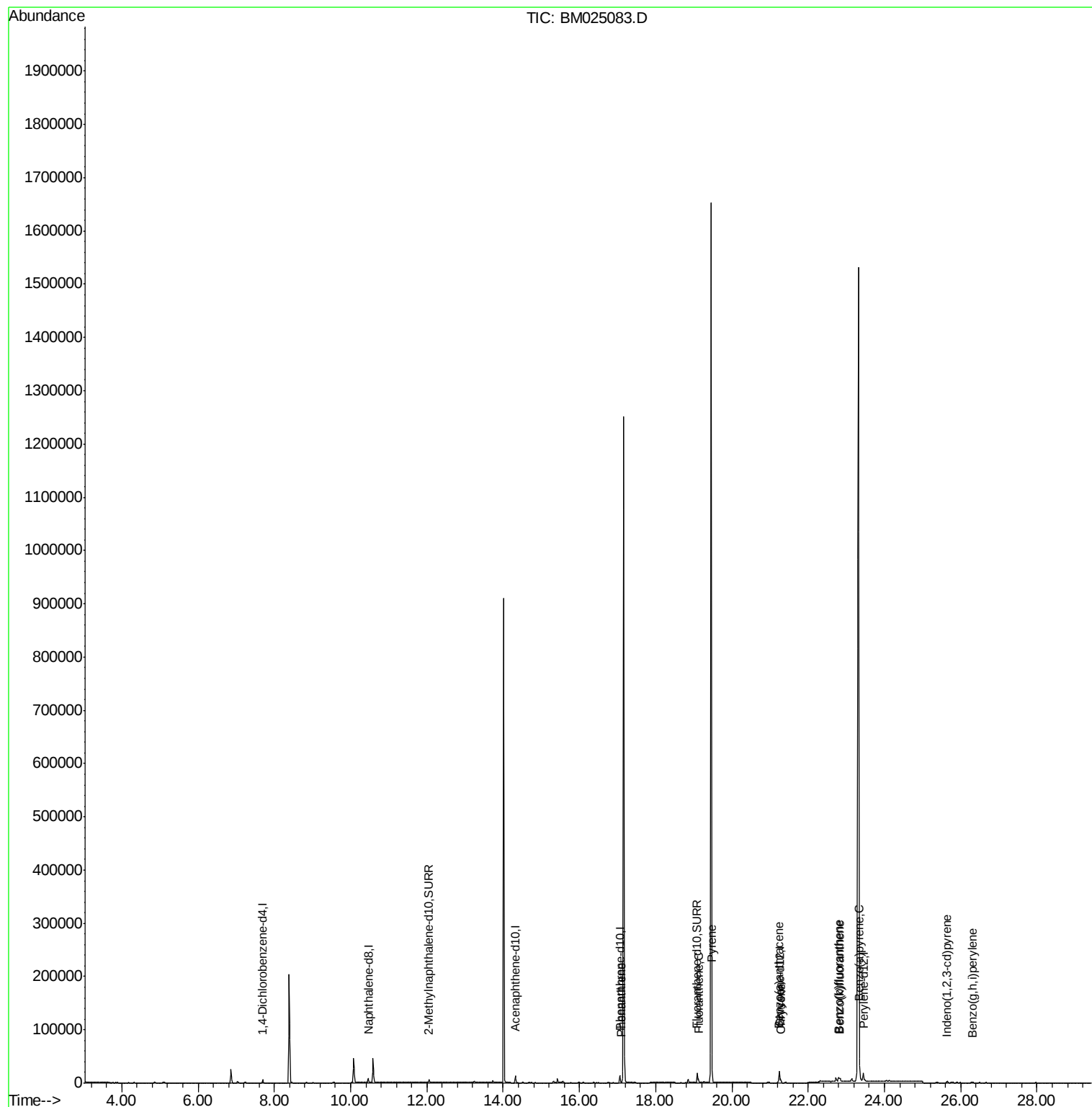
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
Data File : BM025083.D
Acq On : 26 Feb 2020 18:04
Operator : CG/JU
Sample : L1506-01
Misc :
ALS Vial : 47 Sample Multiplier: 1

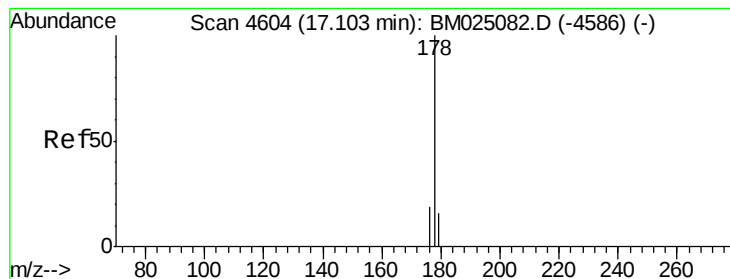
Instrument :
BNA_M
ClientSampleId :
DBCY1

Manual Integrations
APPROVED

mohammad
2/27/2020 5:00:53 PM

Quant Time: Feb 27 05:18:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.029 ng/ul

RT: 17.10 min Scan# 4604

Delta R.T. -0.01 min

Lab File: BM025083.D

Acq: 26 Feb 2020 18:04

Instrument :

BNA_M

ClientSampleId :

DBCY1

Tot Ion:178 Resp: 1572

Ion Ratio Lower Upper

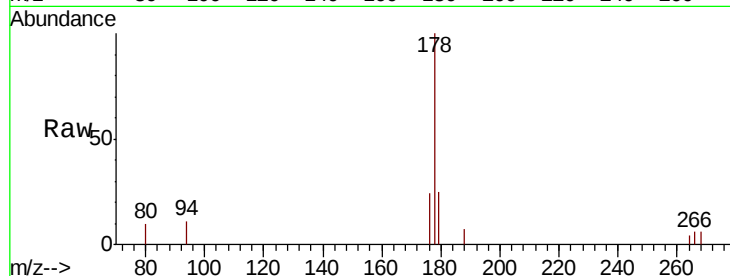
178 100

179 25.2 14.0 21.0#

176 24.1 16.6 24.8

Manual Integrations
APPROVED

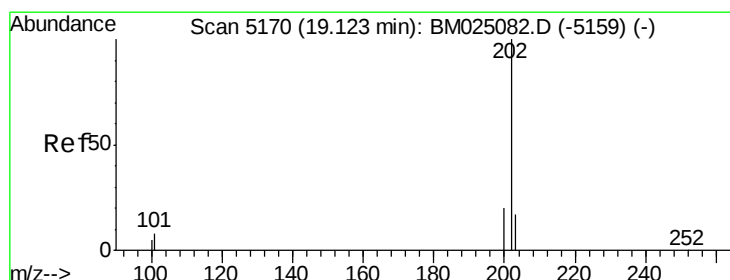
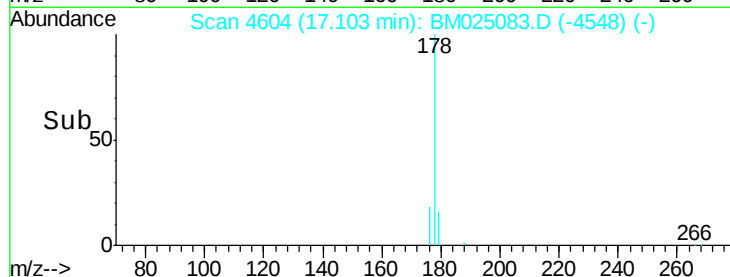
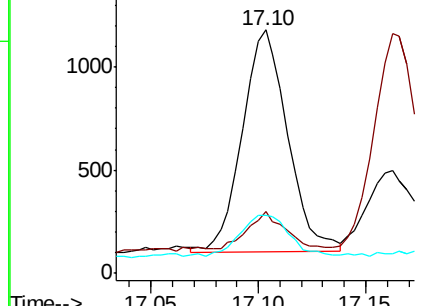
mohammad
2/27/2020 5:00:53 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.091 ng/ul

RT: 19.12 min Scan# 5169

Delta R.T. -0.01 min

Lab File: BM025083.D

Acq: 26 Feb 2020 18:04

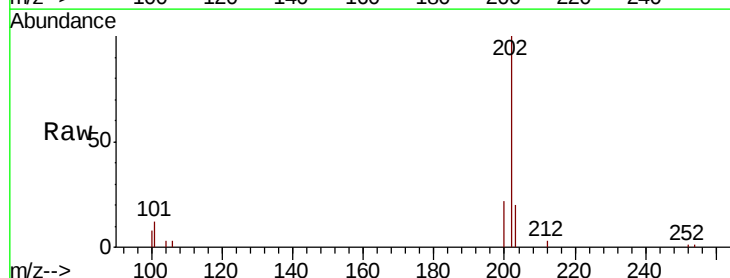
Tgt Ion:202 Resp: 7148

Ion Ratio Lower Upper

202 100

101 11.5 0.0 29.4

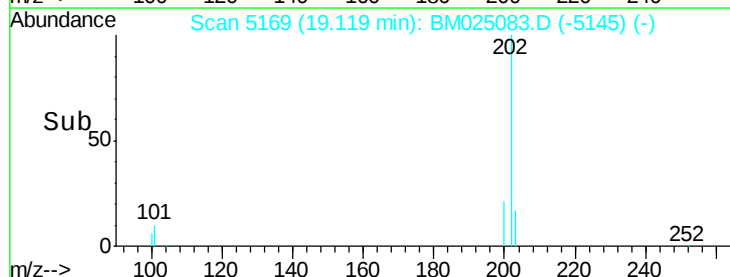
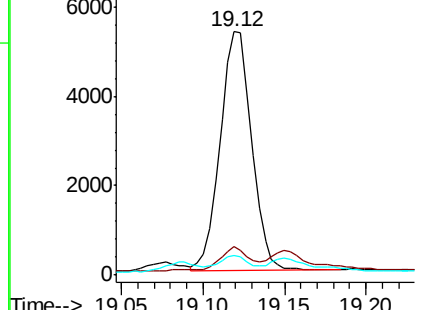
100 7.9 0.0 28.0

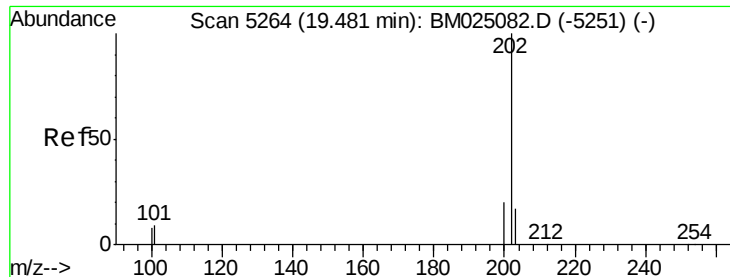


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





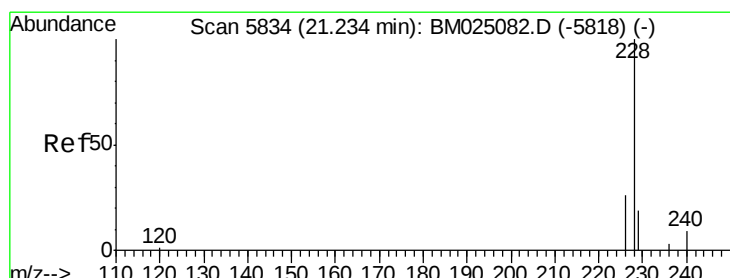
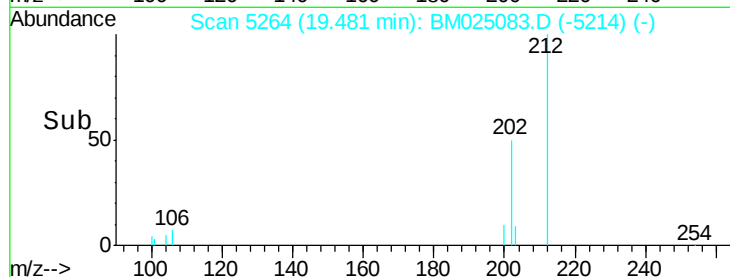
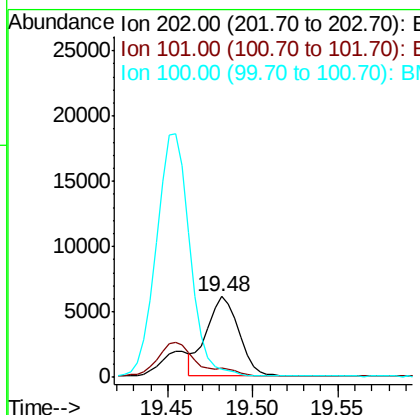
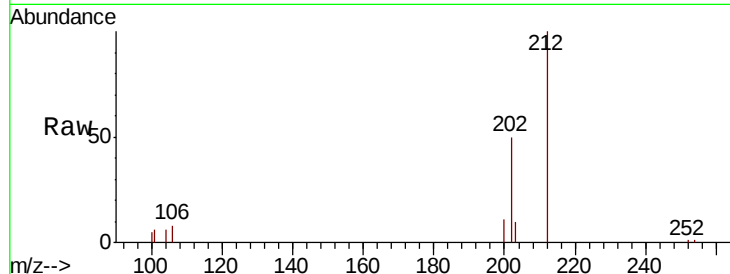
#17
Pvrene
Concen: 0.106 ng/ul
RT: 19.48 min Scan# 5264
Delta R.T. -0.01 min
Lab File: BM025083.D
Acq: 26 Feb 2020 18:04

Instrument :
BNA_M
ClientSampled :
DBCY1

Tot Ion	Ratio	Resp	Lower	Upper
202	100	7985		
101	11.7		8.7	13.1
100	10.8		7.3	10.9

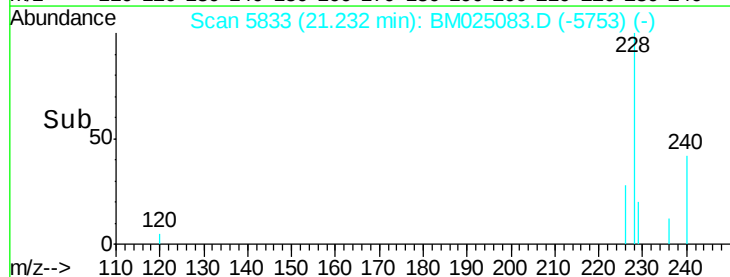
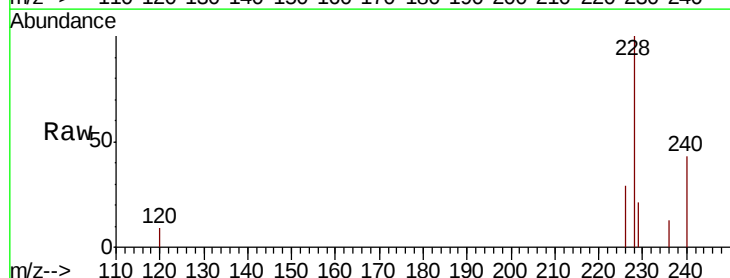
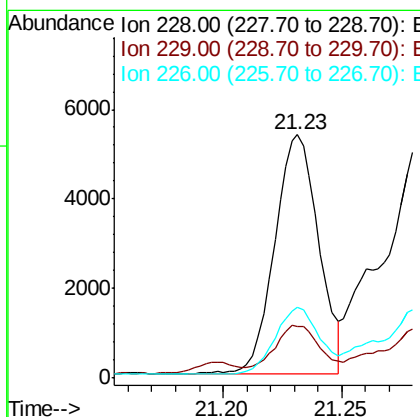
Manual Integrations
APPROVED

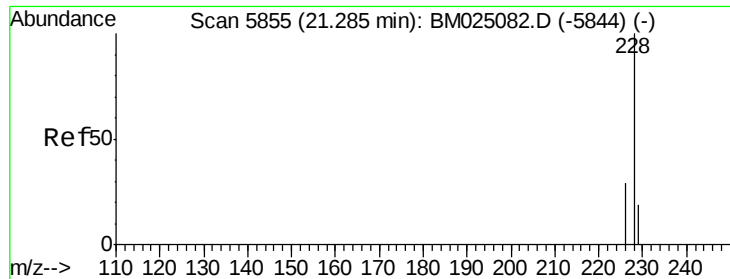
mohammad
2/27/2020 5:00:53 PM



#18
Benzo(a)anthracene
Concen: 0.096 ng/ul
RT: 21.23 min Scan# 5833
Delta R.T. -0.01 min
Lab File: BM025083.D
Acq: 26 Feb 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	6878		
229	21.4		16.6	25.0
226	28.9		21.9	32.9





#19

Chrysene

Concen: 0.119 ng/ul

RT: 21.28 min Scan# 5854

Delta R.T. -0.01 min

Lab File: BM025083.D

Acq: 26 Feb 2020 18:04

Instrument :

BNA_M

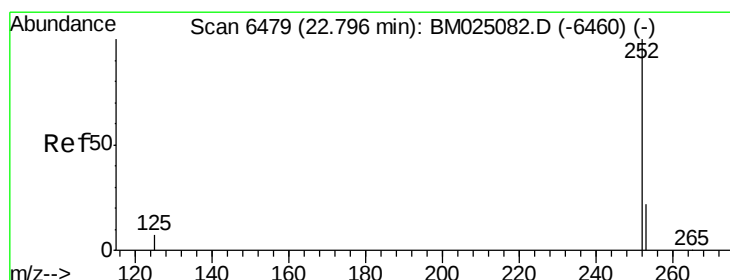
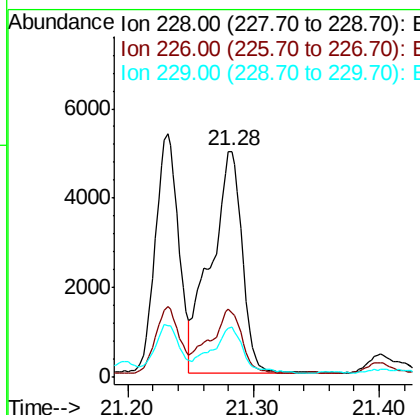
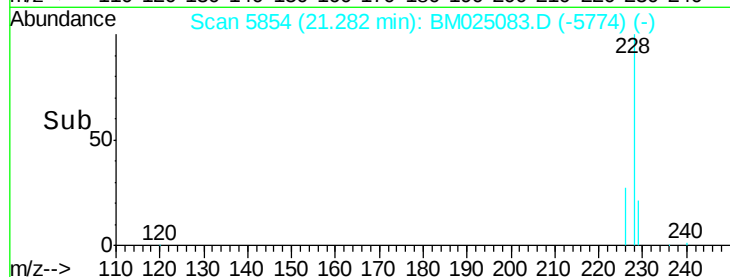
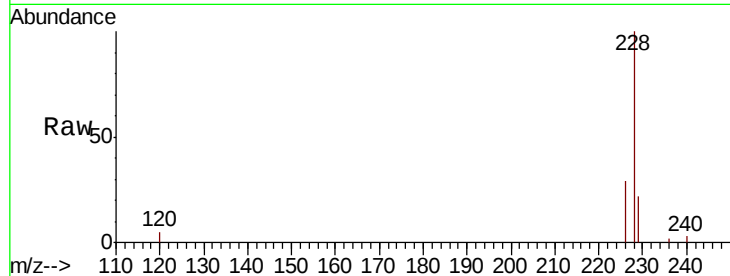
ClientSampleId :

DBCY1

Tot Ion:228	Resp:	8540
Ion Ratio	Lower	Upper
228 100		
226 28.7	23.8	35.8
229 22.3	16.9	25.3

Manual Integrations
APPROVED

mohammad
2/27/2020 5:00:53 PM



#21

Benzo(b)fluoranthene

Concen: 0.177 ng/ul m

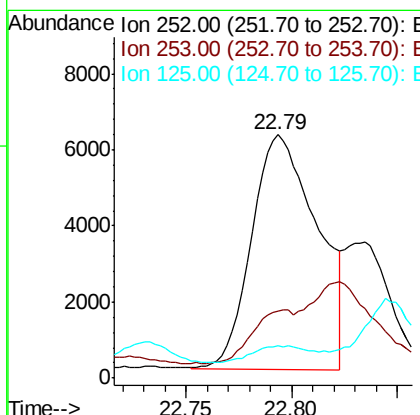
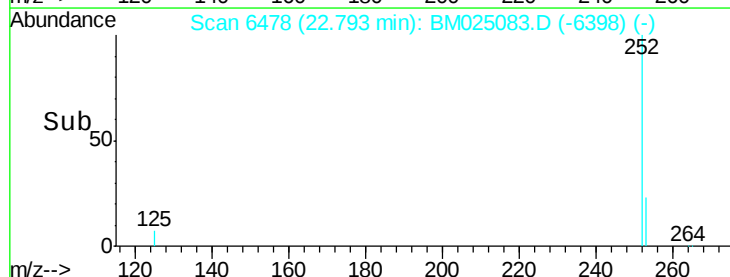
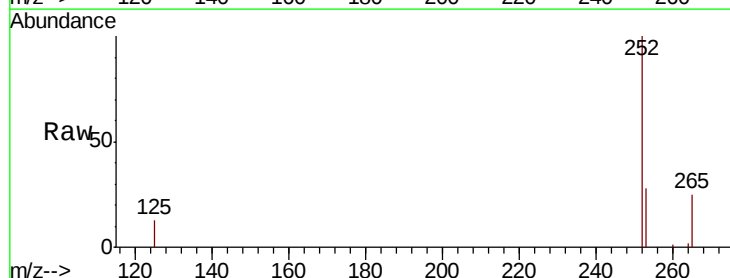
RT: 22.79 min Scan# 6478

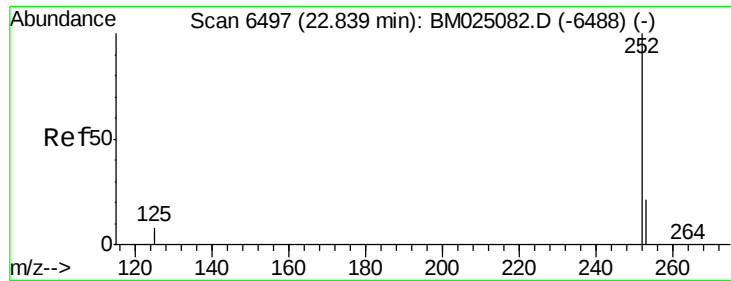
Delta R.T. -0.01 min

Lab File: BM025083.D

Acq: 26 Feb 2020 18:04

Tgt Ion:252	Resp:	13307
Ion Ratio	Lower	Upper
252 100		
253 27.5	0.0	49.8
125 13.2	0.0	28.6





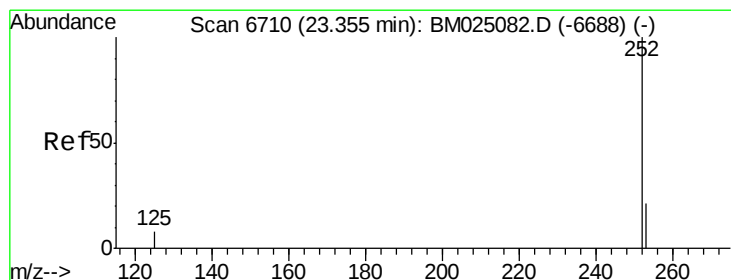
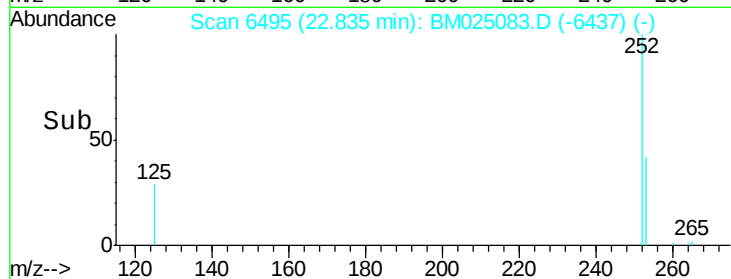
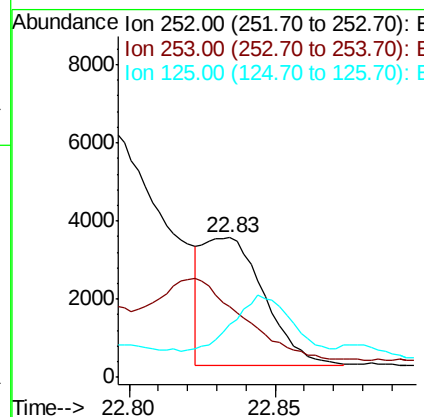
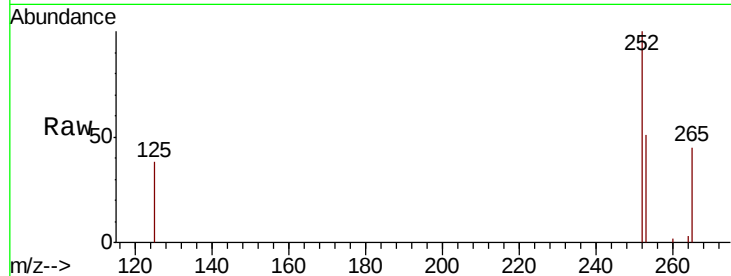
#22
Benzo(k)fluoranthene
Concen: 0.065 ng/ul m
RT: 22.83 min Scan# 6495
Delta R.T. -0.01 min
Lab File: BM025083.D
Acq: 26 Feb 2020 18:04

Instrument :
BNA_M
ClientSampled :
DBCY1

Tot Ion	Ratio	Lower	Upper
252	100		
253	51.0	19.4	29.0#
125	38.3	10.7	16.1#

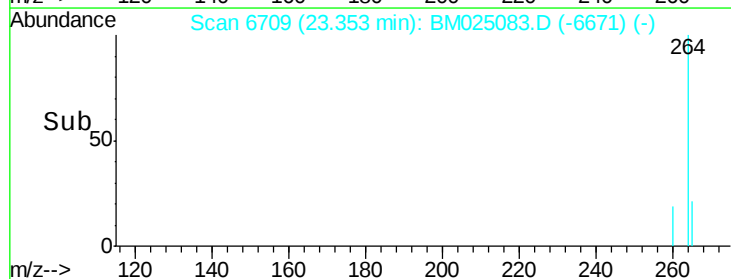
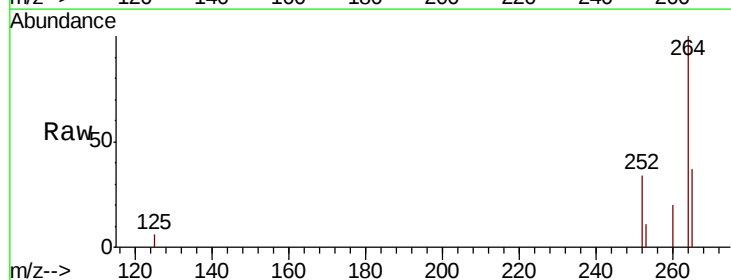
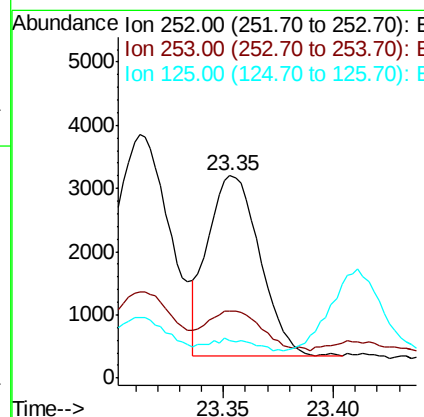
Manual Integrations
APPROVED

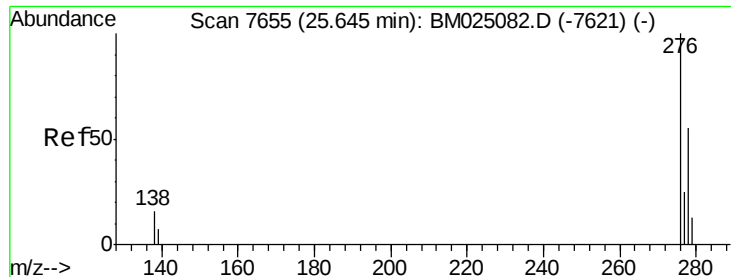
mohammad
2/27/2020 5:00:53 PM



#23
Benzo(a)pyrene
Concen: 0.068 ng/ul
RT: 23.35 min Scan# 6709
Delta R.T. -0.01 min
Lab File: BM025083.D
Acq: 26 Feb 2020 18:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.9	20.3	30.5#
125	18.5	13.0	19.4





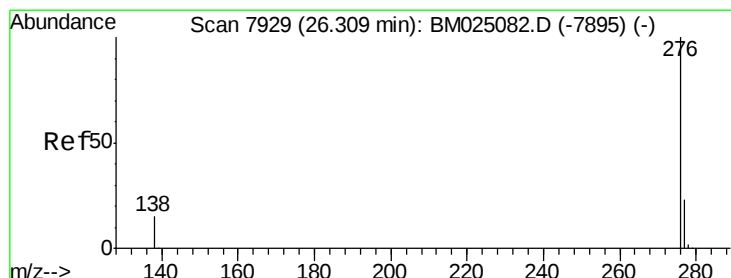
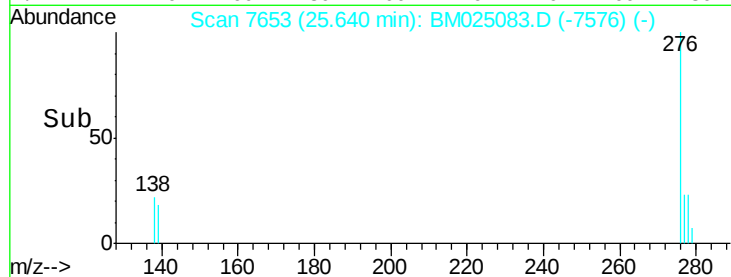
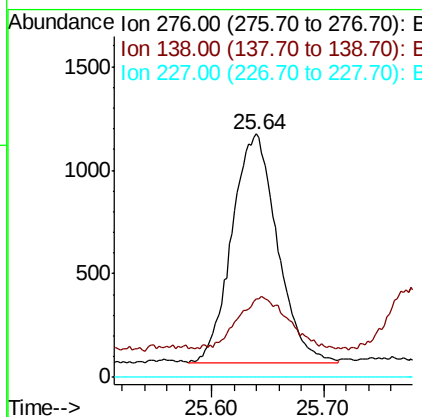
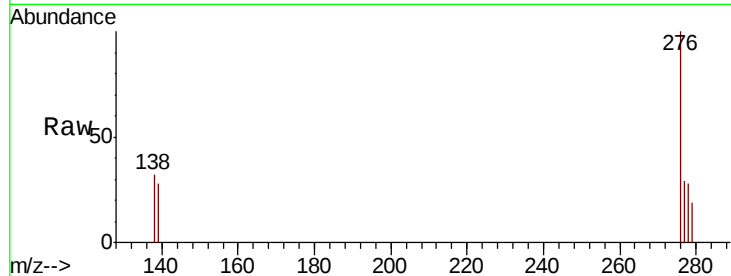
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.036 ng/uL
 RT: 25.64 min Scan# 7653
 Delta R.T. -0.01 min
 Lab File: BM025083.D
 Acq: 26 Feb 2020 18:04

Instrument :
 BNA_M
 ClientSampleId :
 DBCY1

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	0.0	0.0#
227	0.0	0.0	0.0

Manual Integrations
 APPROVED

mohammad
 2/27/2020 5:00:53 PM



#26
 Benzo(g,h,i)perylene
 Concen: 0.034 ng/uL
 RT: 26.31 min Scan# 7929
 Delta R.T. -0.01 min
 Lab File: BM025083.D
 Acq: 26 Feb 2020 18:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.9	17.9	26.9#
277	33.9	20.5	30.7#

