

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025485.D
 Acq On : 11 Mar 2020 11:25
 Operator : CG/JU
 Sample : L1677-02
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CC6

Manual Integrations
 APPROVED

mohammad
 3/13/2020 8:48:32 AM

Quant Time: Mar 11 13:49:41 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 : Wed Mar 11 07:15:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3495	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	15724	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	11566	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	25493	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	18660	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	17217	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	3392	0.12	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	8786	0.13	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	2798	0.060	ng/ul	95
5) 2-Methylnaphthalene	12.09	142	2310	0.069	ng/ul	100
7) Acenaphthylene	14.00	152	2488	0.053	ng/ul#	92
8) Acenaphthene	14.35	153	2219	0.054	ng/ul	97
9) Fluorene	15.34	166	6998	0.139	ng/ul	99
12) Phenanthrene	17.07	178	81914	1.014	ng/ul	100
13) Anthracene	17.16	178	21788	0.310	ng/ul	100
15) Fluoranthene	19.09	202	132607	1.514	ng/ul	98
17) Pyrene	19.45	202	107066	1.278	ng/ul	99
18) Benzo(a)anthracene	21.20	228	46872	0.703	ng/ul	99
19) Chrysene	21.25	228	44193	0.590	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	51474m	0.755	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	20239m	0.283	ng/ul	
23) Benzo(a)pyrene	23.31	252	32973	0.582	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.57	276	20485	0.267	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.58	278	5657	0.088	ng/ul#	82
26) Benzo(a,h,i)perylene	26.23	276	17504	0.263	ng/ul#	97

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

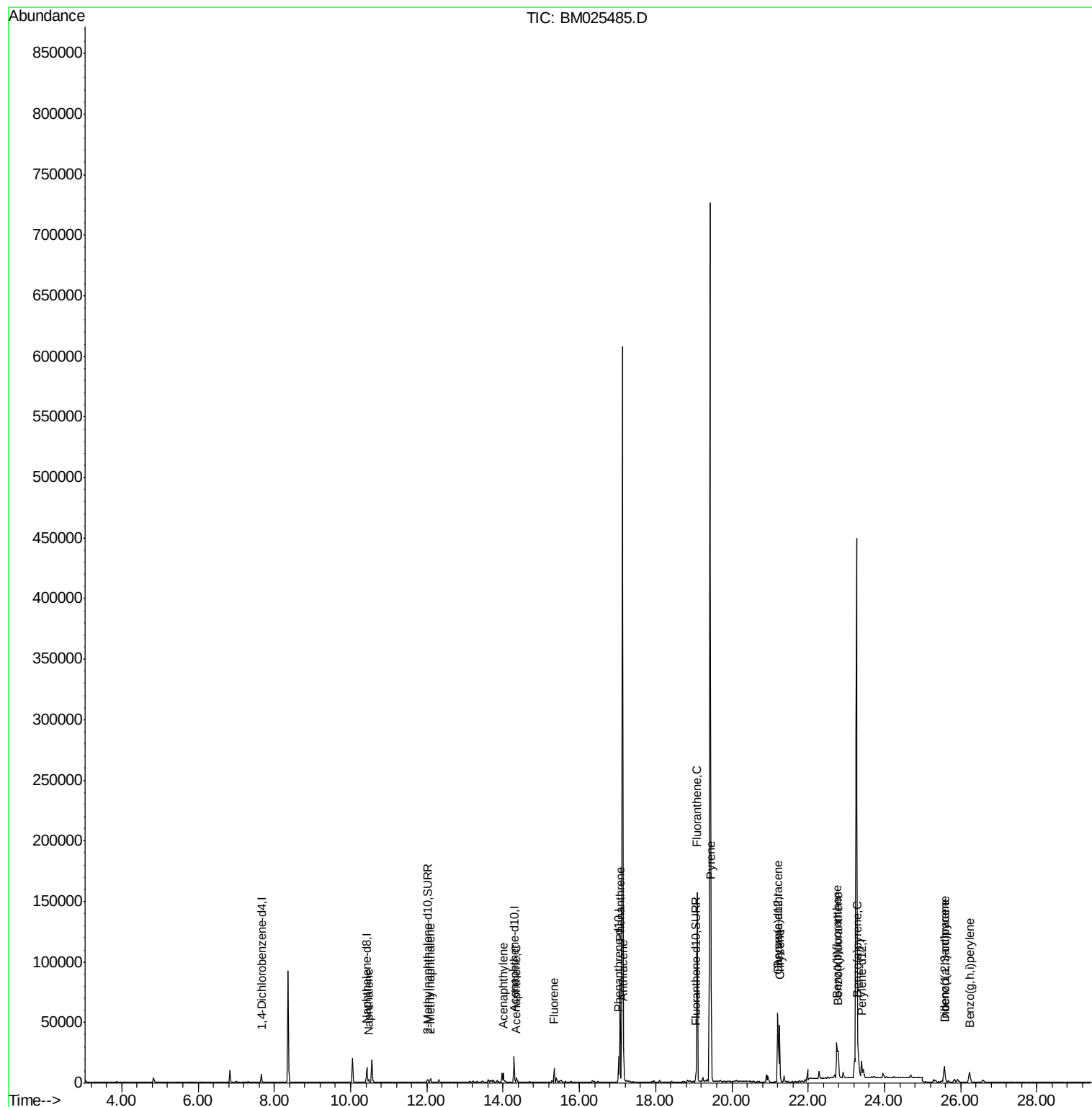
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025485.D
Acq On : 11 Mar 2020 11:25
Operator : CG/JU
Sample : L1677-02
Misc :
ALS Vial : 78 Sample Multiplier: 1

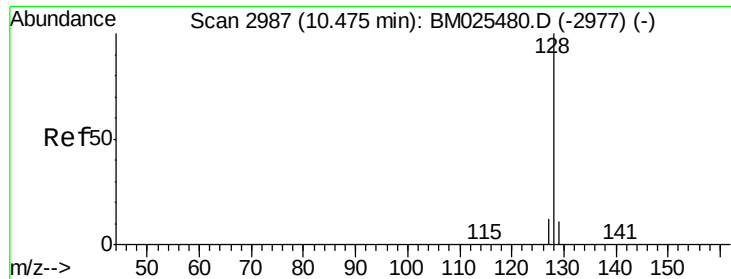
Instrument :
BNA_M
ClientSampleId :
C0CC6

Manual Integrations
APPROVED

mohammad
3/13/2020 8:48:32 AM

Quant Time: Mar 11 13:49:41 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 : Wed Mar 11 07:15:41 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.060 ng/ul

RT: 10.47 min Scan# 2987

Delta R.T. -0.00 min

Lab File: BM025485.D

Acq: 11 Mar 2020 11:25

Instrument :

BNA_M

ClientSampleId :

C0CC6

Tot Ion:128 Resp: 2798

Ion Ratio Lower Upper

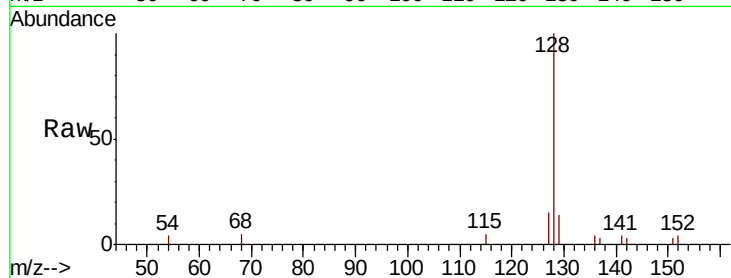
128 100

129 14.0 9.4 14.0

127 15.3 10.9 16.3

Manual Integrations
APPROVED

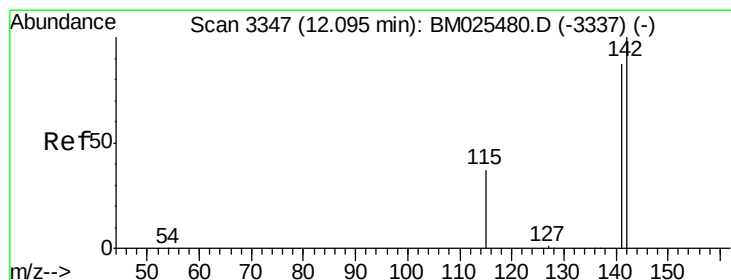
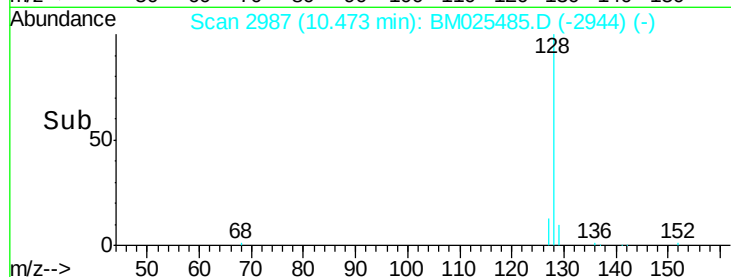
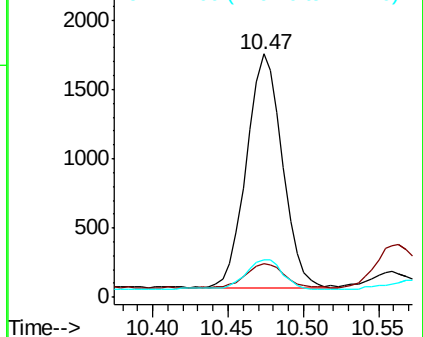
mohammad
3/13/2020 8:48:32 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.069 ng/ul

RT: 12.09 min Scan# 3347

Delta R.T. -0.01 min

Lab File: BM025485.D

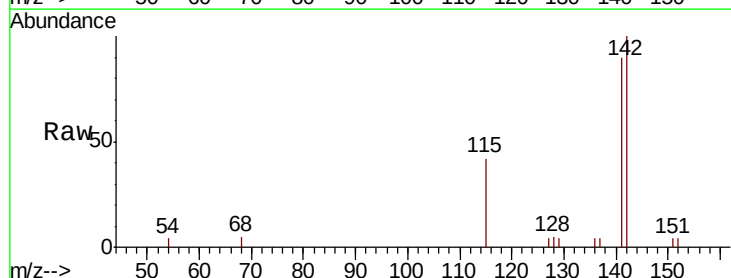
Acq: 11 Mar 2020 11:25

Tgt Ion:142 Resp: 2310

Ion Ratio Lower Upper

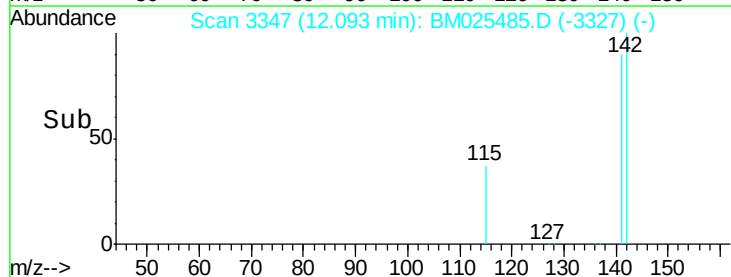
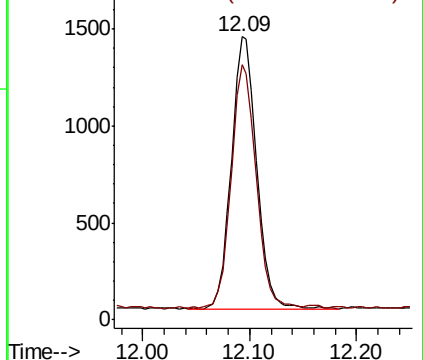
142 100

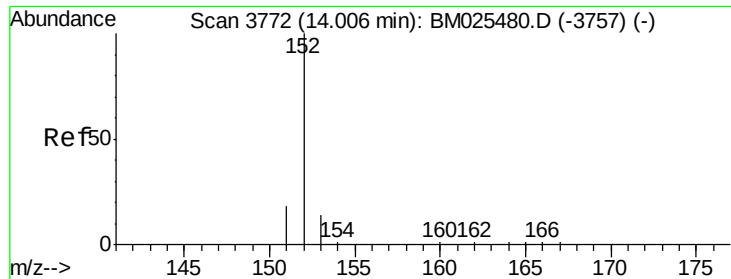
141 87.4 69.8 104.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.053 ng/ul

RT: 14.00 min Scan# 3772

Delta R.T. -0.00 min

Lab File: BM025485.D

Acq: 11 Mar 2020 11:25

Instrument :

BNA_M

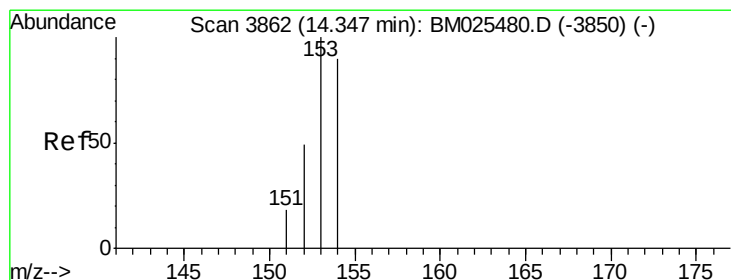
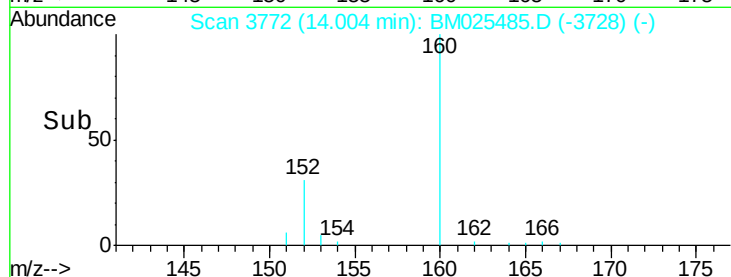
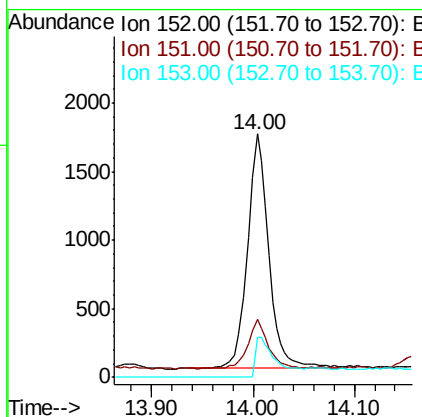
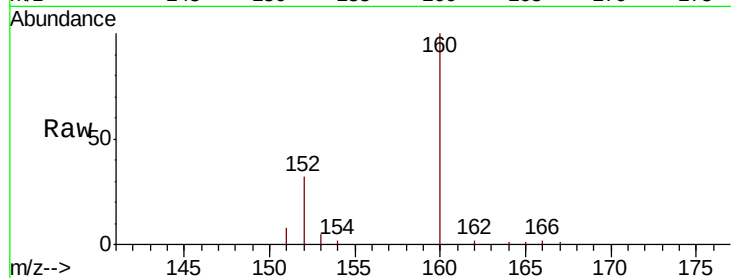
ClientSampleId :

C0CC6

Tot Ion:	152	Resp:	2488
Ion Ratio	Lower	Upper	
152	100		
151	23.7	16.2	24.2
153	16.6	10.6	16.0#

Manual Integrations
APPROVED

mohammad
3/13/2020 8:48:32 AM



#8

Acenaphthene

Concen: 0.054 ng/ul

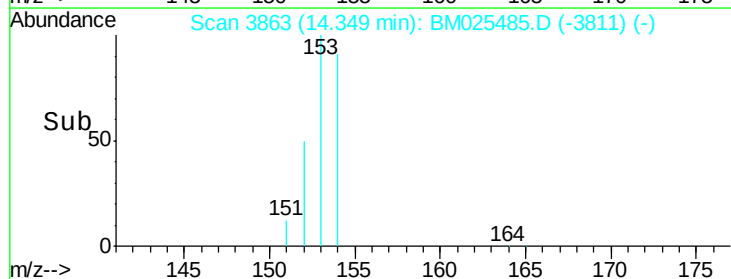
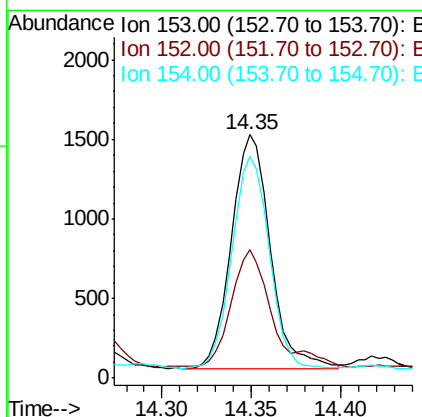
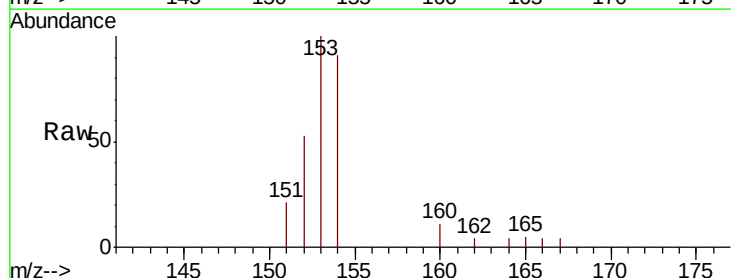
RT: 14.35 min Scan# 3863

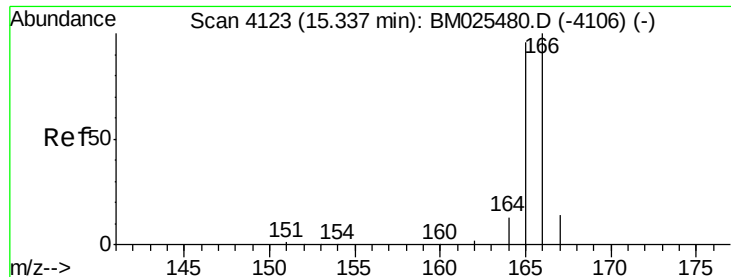
Delta R.T. -0.00 min

Lab File: BM025485.D

Acq: 11 Mar 2020 11:25

Tgt Ion:	153	Resp:	2219
Ion Ratio	Lower	Upper	
153	100		
152	52.5	39.5	59.3
154	91.0	71.7	107.5





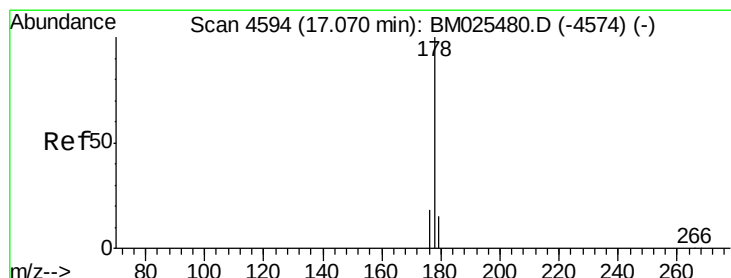
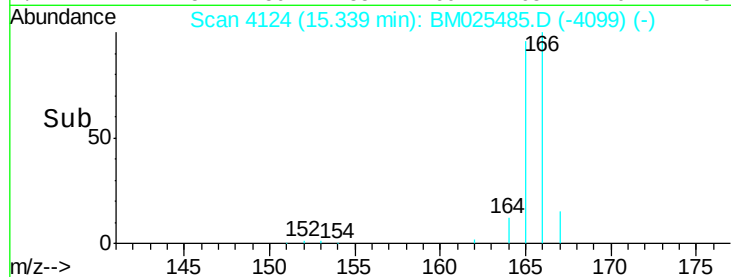
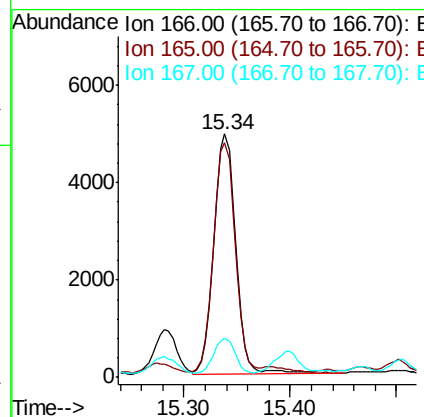
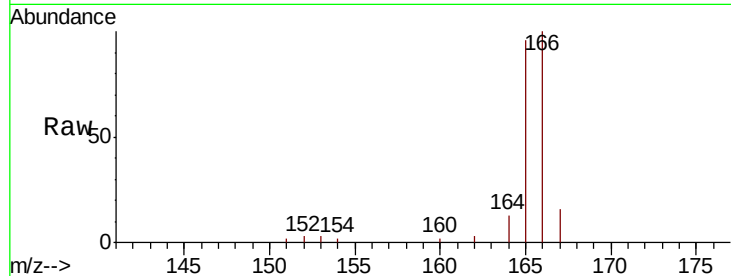
#9
Fluorene
 Concen: 0.139 ng/ul
 RT: 15.34 min Scan# 4124
 Delta R.T. -0.00 min
 Lab File: BM025485.D
 Acq: 11 Mar 2020 11:25

Instrument :
 BNA_M
 ClientSampleId :
 C0CC6

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.4	76.8	115.2
167	16.2	11.2	16.8

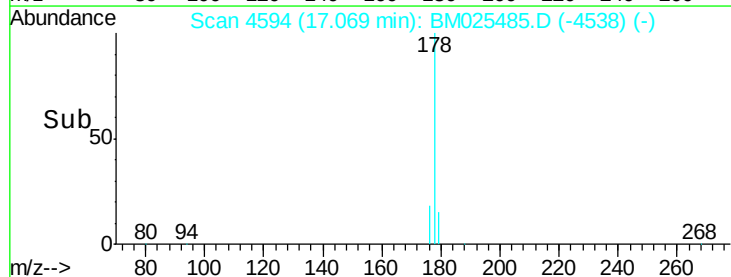
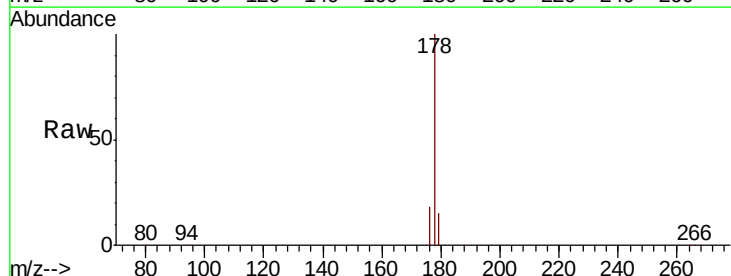
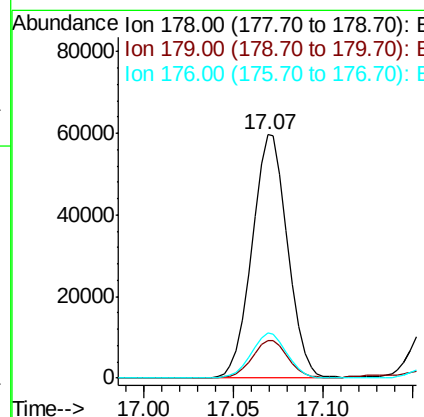
Manual Integrations
 APPROVED

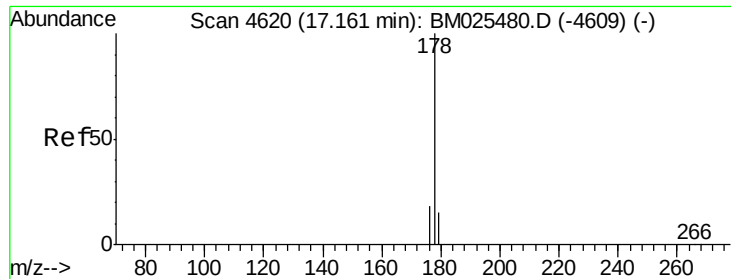
mohammad
 3/13/2020 8:48:32 AM



#12
Phenanthrene
 Concen: 1.014 ng/ul
 RT: 17.07 min Scan# 4594
 Delta R.T. -0.01 min
 Lab File: BM025485.D
 Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	18.4	14.8	22.2





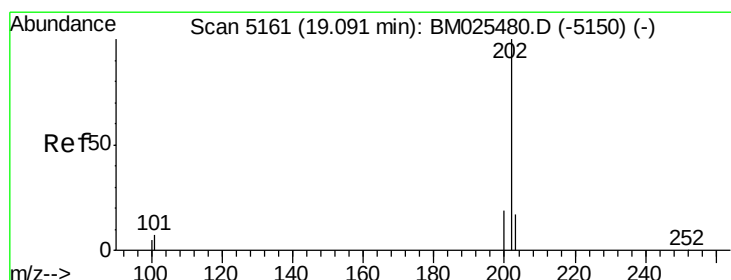
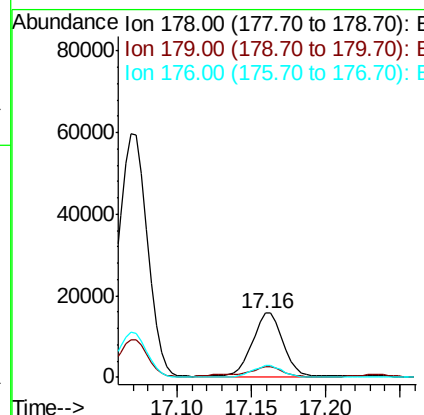
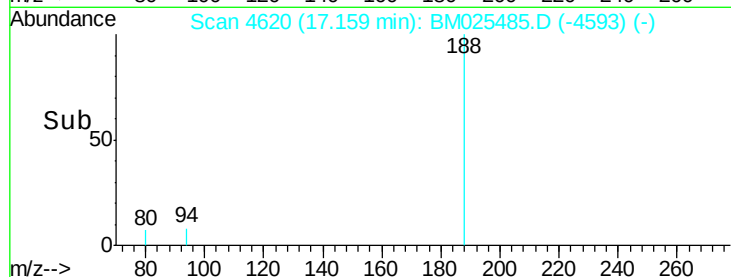
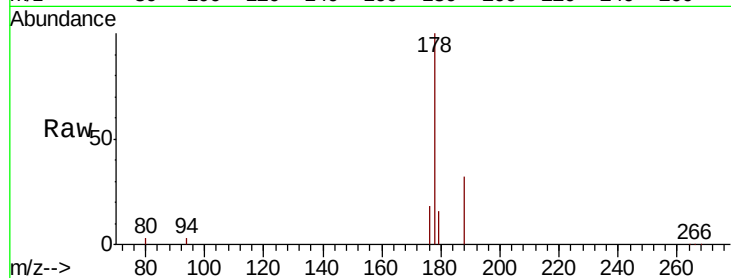
#13
 Anthracene
 Concen: 0.310 ng/ul
 RT: 17.16 min Scan# 4620
 Delta R.T. -0.01 min
 Lab File: BM025485.D
 Acq: 11 Mar 2020 11:25

Instrument :
 BNA_M
 ClientSampleId :
 C0CC6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	18.1	14.5	21.7

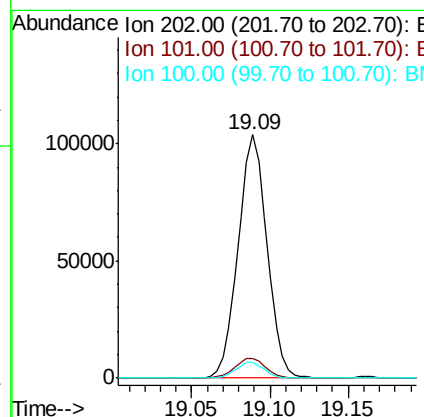
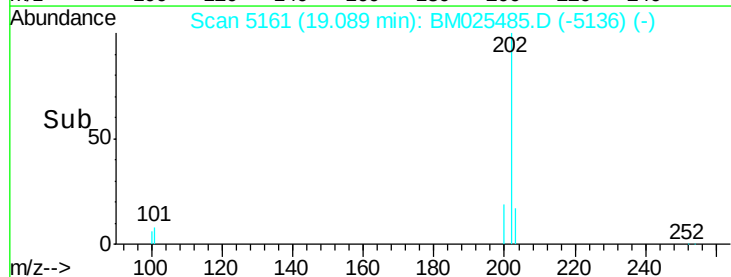
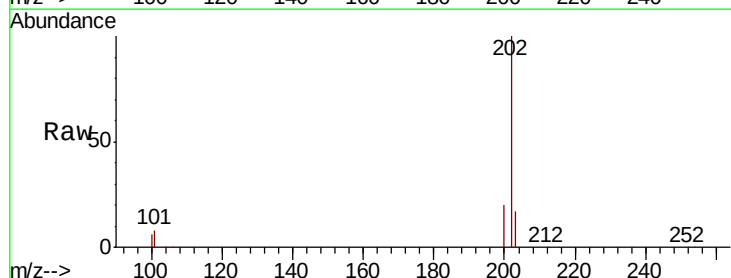
Manual Integrations
 APPROVED

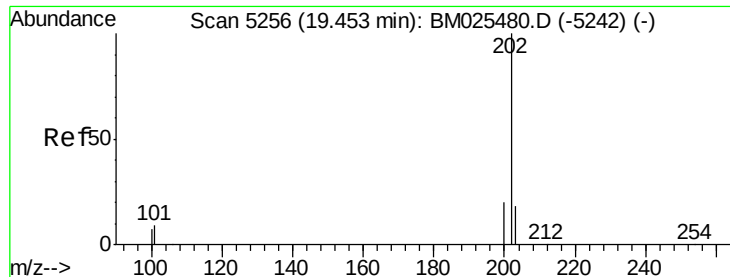
mohammad
 3/13/2020 8:48:32 AM



#15
 Fluoranthene
 Concen: 1.514 ng/ul
 RT: 19.09 min Scan# 5161
 Delta R.T. -0.00 min
 Lab File: BM025485.D
 Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	27.5
100	6.3	0.0	26.0





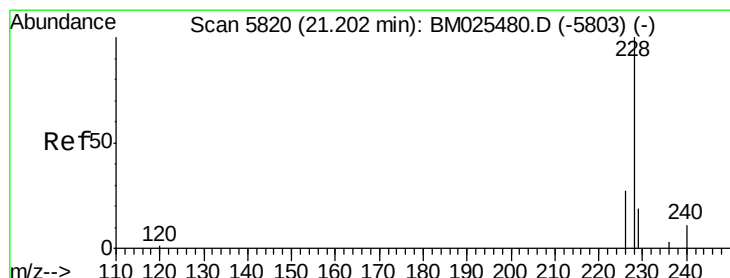
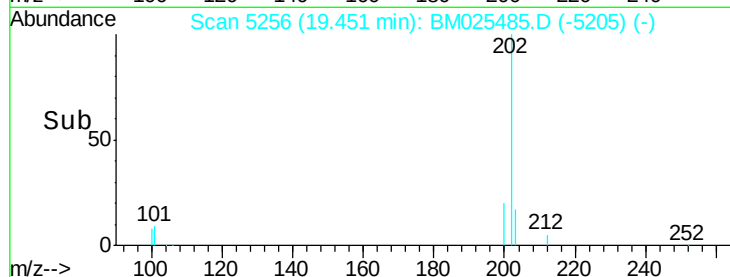
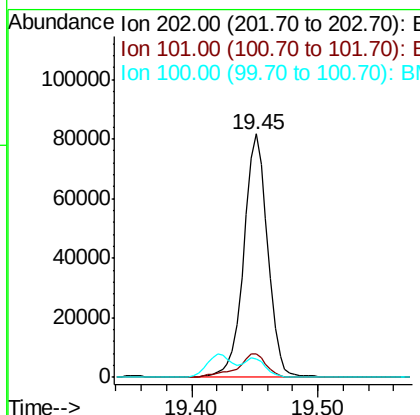
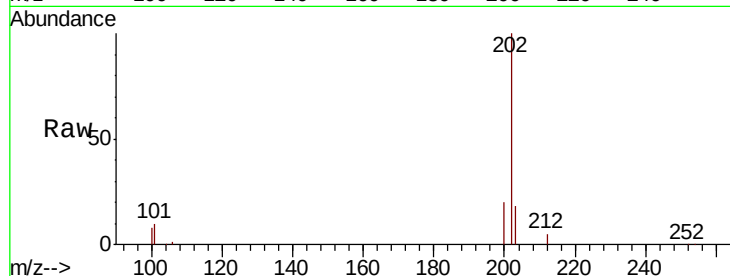
#17
Pvrene
Concen: 1.278 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.00 min
Lab File: BM025485.D
Acq: 11 Mar 2020 11:25

Instrument :
BNA_M
ClientSampled :
C0CC6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	7.1	10.7
100	7.8	6.0	9.0

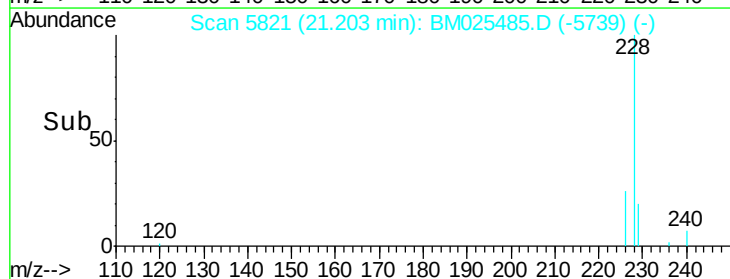
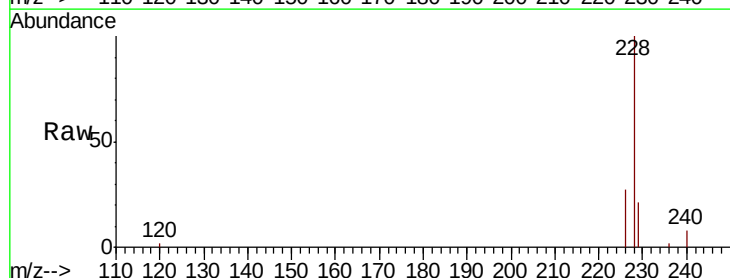
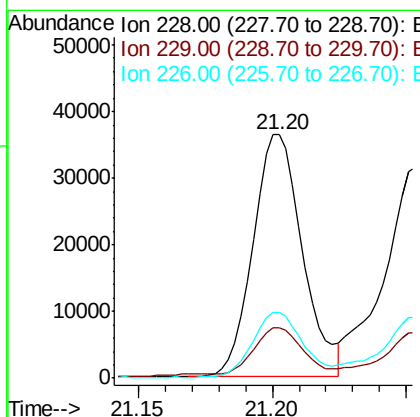
Manual Integrations
APPROVED

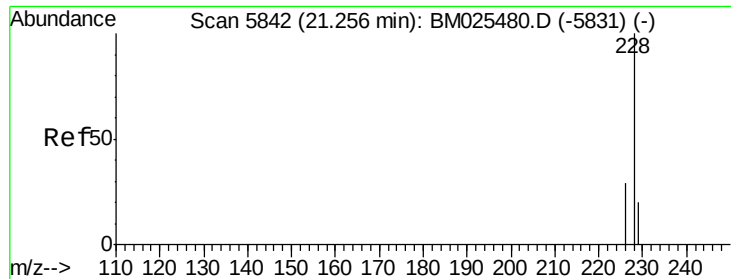
mohammad
3/13/2020 8:48:32 AM



#18
Benzo(a)anthracene
Concen: 0.703 ng/ul
RT: 21.20 min Scan# 5821
Delta R.T. -0.00 min
Lab File: BM025485.D
Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.5	15.6	23.4
226	26.7	21.1	31.7





#19

Chrysene

Concen: 0.590 ng/ul

RT: 21.25 min Scan# 5842

Delta R.T. -0.00 min

Lab File: BM025485.D

Acq: 11 Mar 2020 11:25

Instrument :

BNA_M

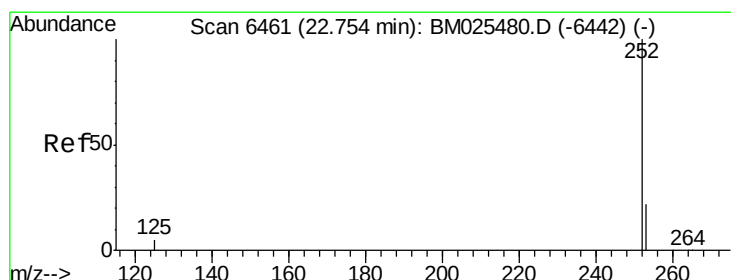
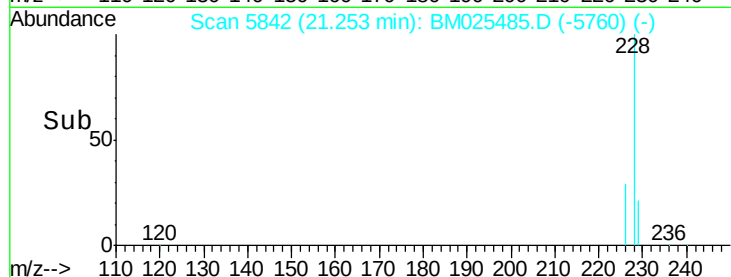
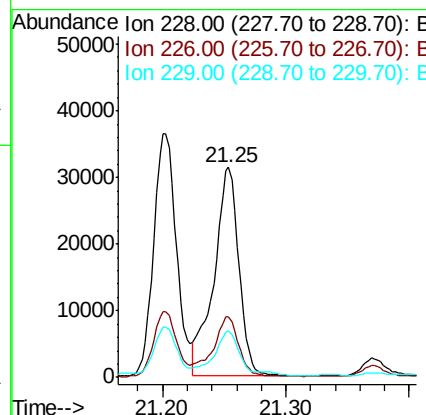
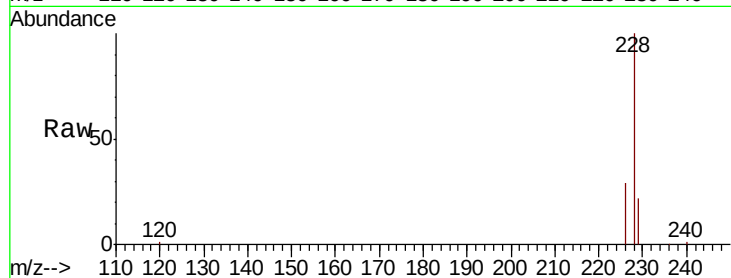
ClientSampleId :

C0CC6

Tot Ion:	228	Resp:	44193
Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.6	35.4
229	21.9	16.3	24.5

Manual Integrations
APPROVED

mohammad
3/13/2020 8:48:32 AM



#21

Benzo(b)fluoranthene

Concen: 0.755 ng/ul m

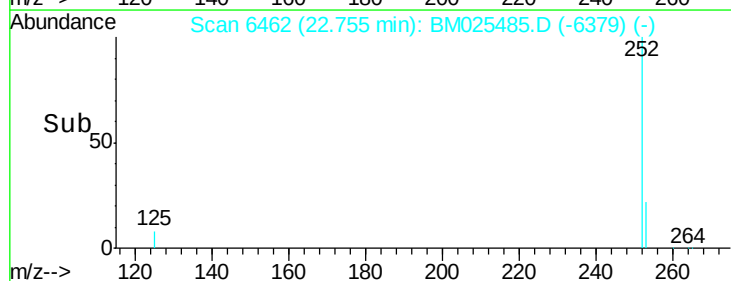
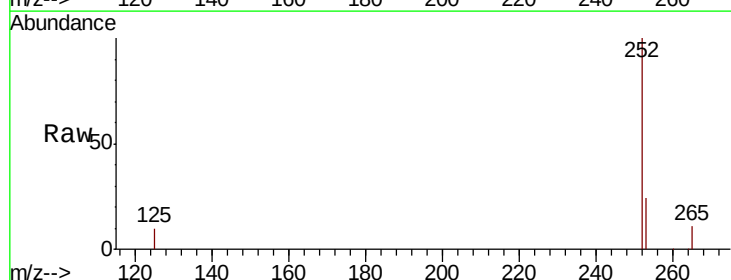
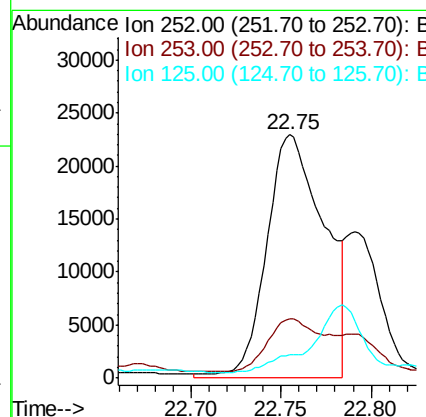
RT: 22.75 min Scan# 6462

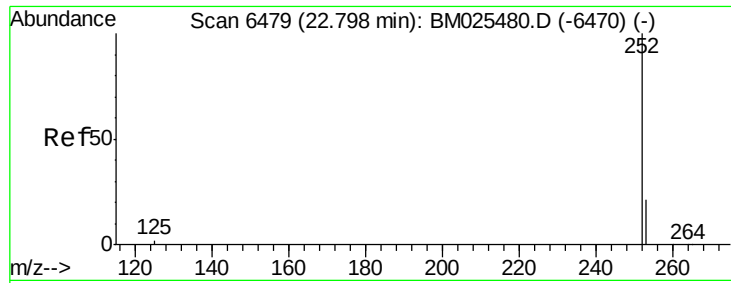
Delta R.T. 0.00 min

Lab File: BM025485.D

Acq: 11 Mar 2020 11:25

Tgt Ion:	252	Resp:	51474
Ion	Ratio	Lower	Upper
252	100		
253	24.4	0.0	50.2
125	9.7	0.0	17.6





#22

Benzo(k)fluoranthene

Concen: 0.283 ng/ul m

RT: 22.79 min Scan# 6477

Delta R.T. -0.01 min

Lab File: BM025485.D

Acq: 11 Mar 2020 11:25

Instrument :

BNA_M

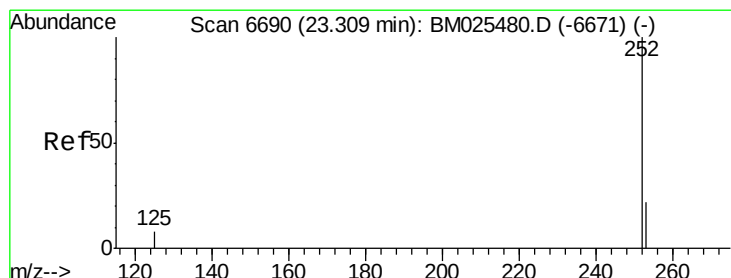
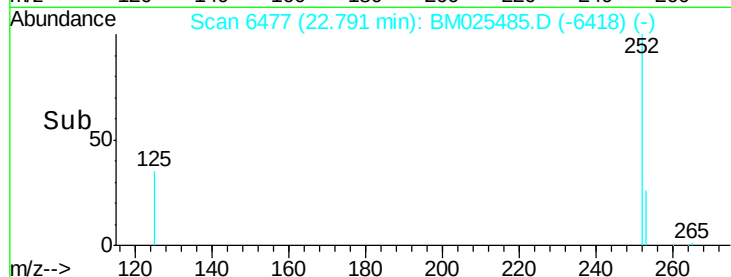
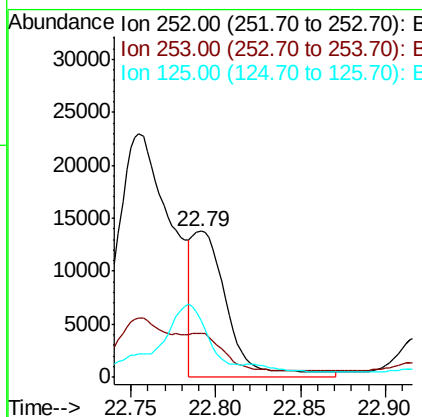
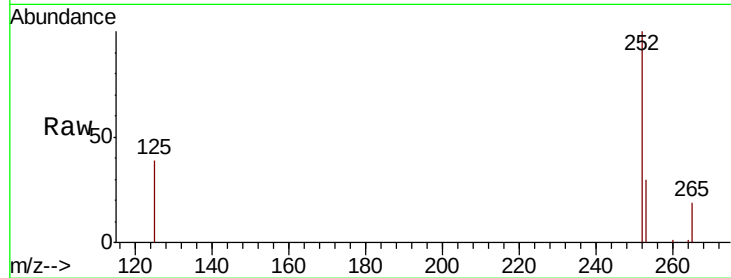
ClientSampleId :

C0CC6

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.2	19.8	29.8#
125	39.1	7.1	10.7#

Manual Integrations
APPROVED

mohammad
3/13/2020 8:48:32 AM



#23

Benzo(a)pyrene

Concen: 0.582 ng/ul

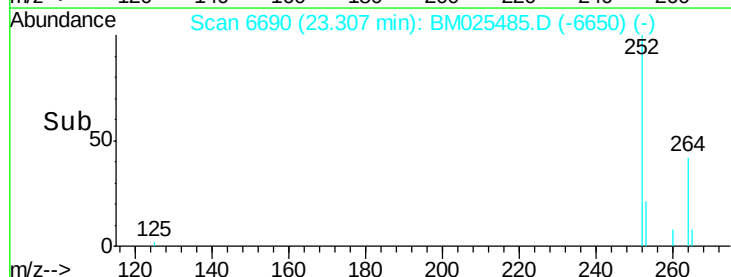
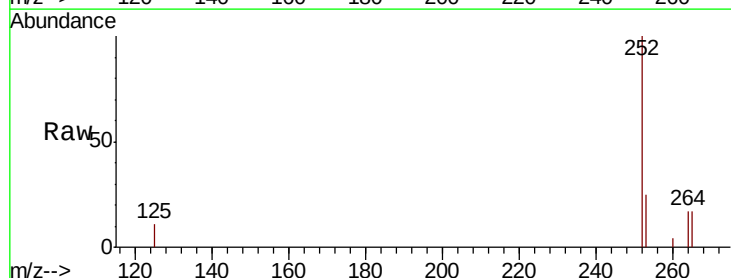
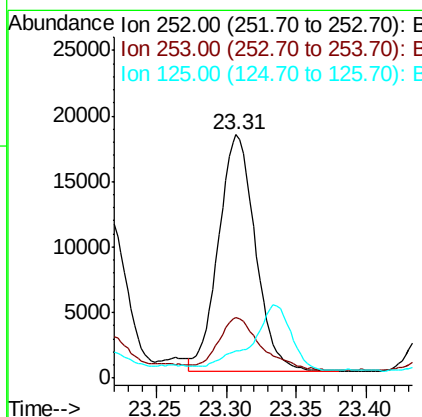
RT: 23.31 min Scan# 6690

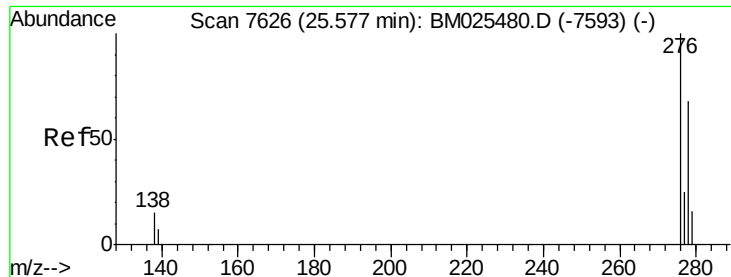
Delta R.T. -0.00 min

Lab File: BM025485.D

Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	21.3	31.9
125	11.0	8.5	12.7





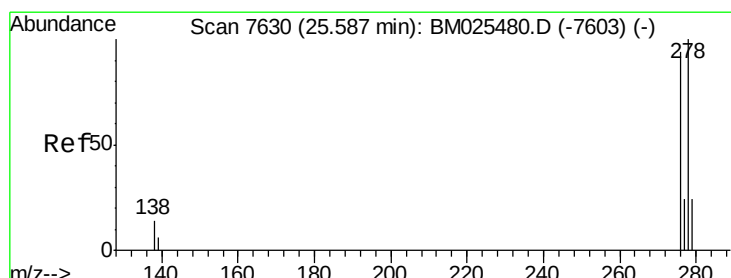
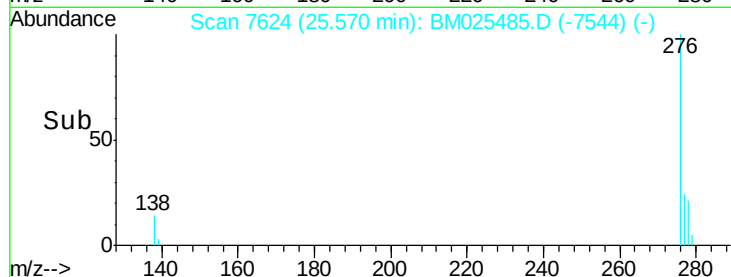
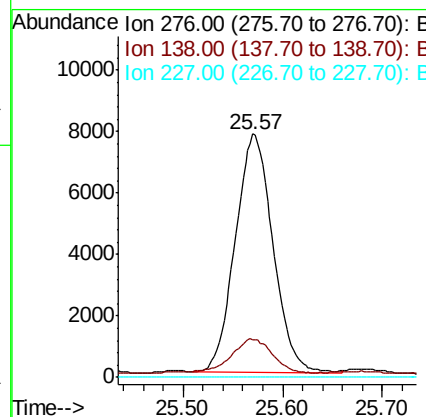
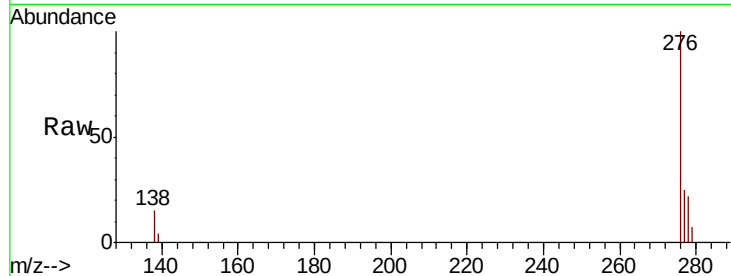
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.267 ng/ul
RT: 25.57 min Scan# 7624
Delta R.T. -0.01 min
Lab File: BM025485.D
Acq: 11 Mar 2020 11:25

Instrument :
BNA_M
ClientSampleId :
C0CC6

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.7	12.3	18.5
227	0.0	0.0	0.0

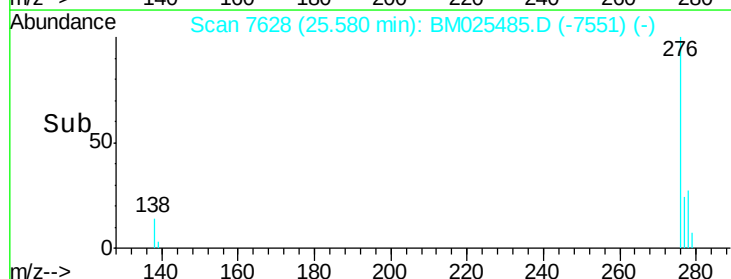
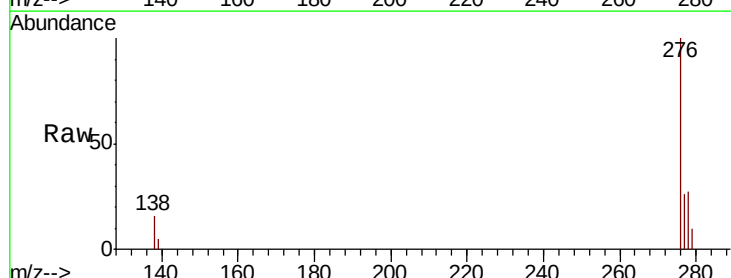
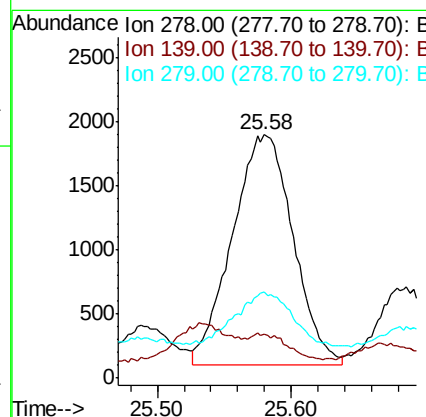
Manual Integrations
APPROVED

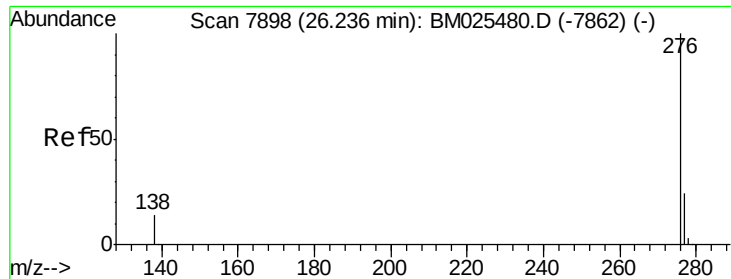
mohammad
3/13/2020 8:48:32 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.088 ng/ul
RT: 25.58 min Scan# 7628
Delta R.T. -0.01 min
Lab File: BM025485.D
Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	9.0	13.6#
279	35.4	21.1	31.7#





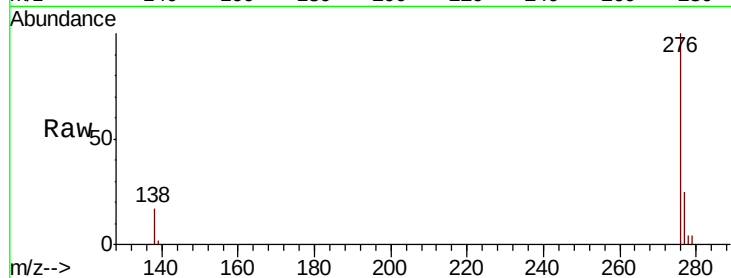
#26
 Benzo(a,h,i)perylene
 Concen: 0.263 ng/ul
 RT: 26.23 min Scan# 7896
 Delta R.T. -0.01 min
 Lab File: BM025485.D
 Acq: 11 Mar 2020 11:25

Instrument :
 BNA_M
 ClientSampleId :
 C0CC6

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.8	11.0	16.4#
277	25.3	19.8	29.6

Manual Integrations
 APPROVED

mohammad
 3/13/2020 8:48:32 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

