

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031393.D
 Acq On : 03 Aug 2021 01:56
 Operator : CG/JU
 Sample : M3123-05DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0068DL

Manual Integrations
 APPROVED

mohammad
 8/3/2021 11:51:08 AM

Quant Time: Aug 03 03:16:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 02:07:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	1865	0.40	ng/ul	0.00
4) Naphthalene-d8	10.361	136	7166	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.231	164	4245	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	7976	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.168	240	5834	0.40	ng/ul	# 0.00
23) Perylene-d12	23.331	264	5556	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	877	0.42	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.957	152	380	0.03	ng/ul	0.00
18) Fluoranthene-d10	19.008	212	754	0.04	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.410	128	1864	0.09	ng/ul#	93
7) 2-Methylnaphthalene	12.029	142	3714	0.25	ng/ul	100
8) 1-Methylnaphthalene	12.250	142	2357	0.16	ng/ul	99
12) Fluorene	15.281	166	372	0.02	ng/ul#	64
15) Phenanthrene	17.020	178	9014	0.36	ng/ul	99
19) Fluoranthene	19.043	202	4160	0.17	ng/ul#	91
20) Pyrene	19.401	202	4078	0.16	ng/ul#	88
21) Benzo(a)anthracene	21.152	228	1742	0.07	ng/ul#	72
22) Chrysene	21.202	228	5472	0.22	ng/ul#	91
24) Benzo(b)fluoranthene	22.687	252	3412m	0.14	ng/ul	
25) Benzo(k)fluoranthene	22.725	252	791m	0.03	ng/ul	
26) Benzo(a)pyrene	23.232	252	1313	0.06	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.463	276	1074	0.04	ng/ul#	94

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

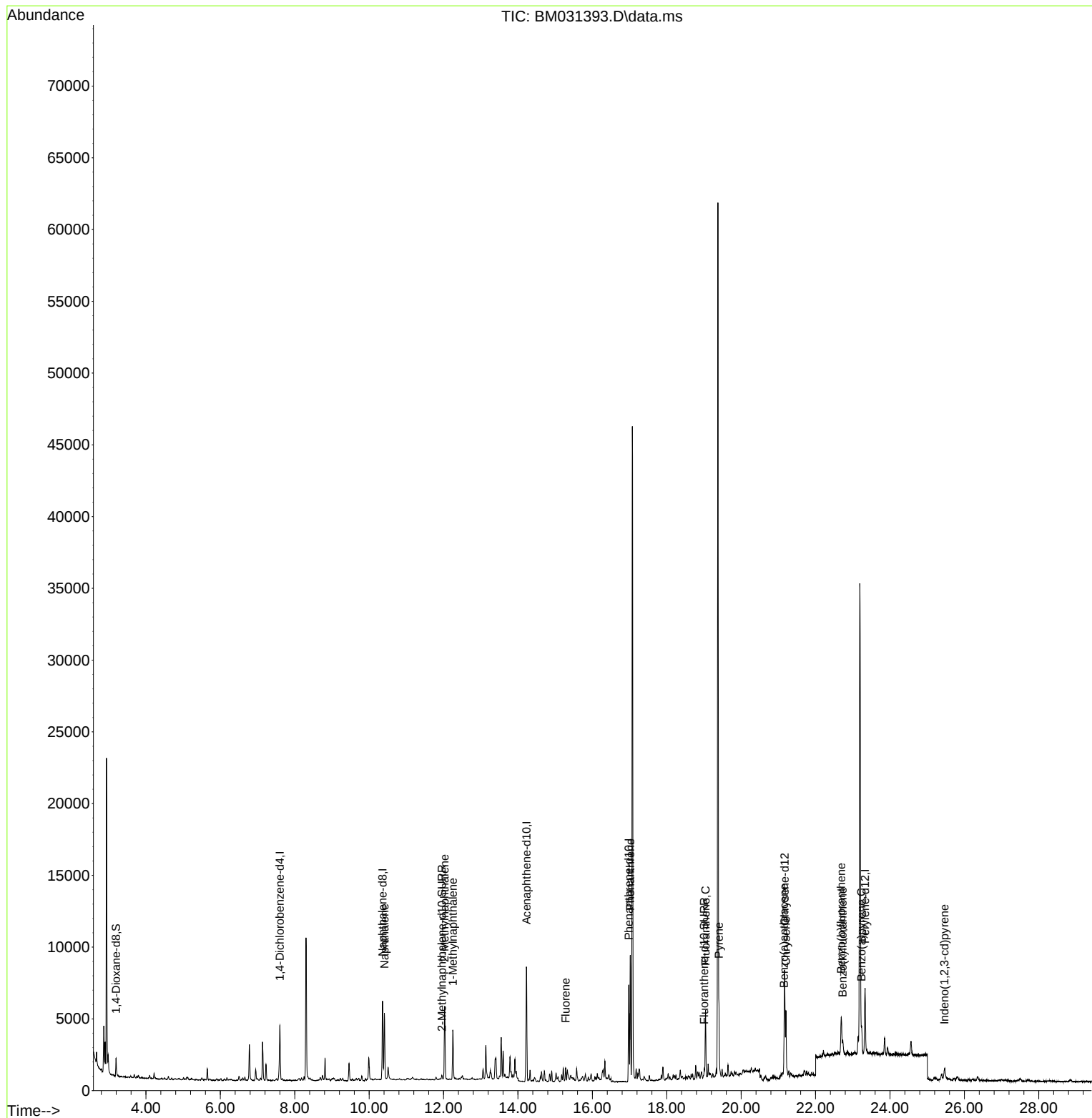
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031393.D
Acq On : 03 Aug 2021 01:56
Operator : CG/JU
Sample : M3123-05DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

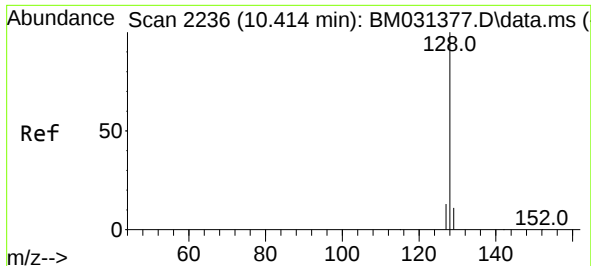
Instrument :
BNA_M
ClientSampleId :
C0068DL

Manual Integrations
APPROVED

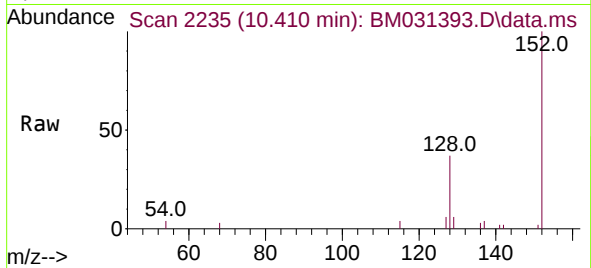
mohammad
8/3/2021 11:51:08 AM

Quant Time: Aug 03 03:16:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 02:07:36 2021
Response via : Initial Calibration

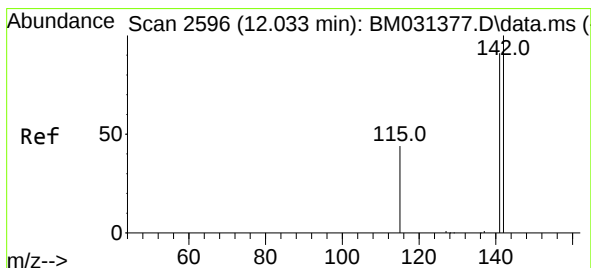
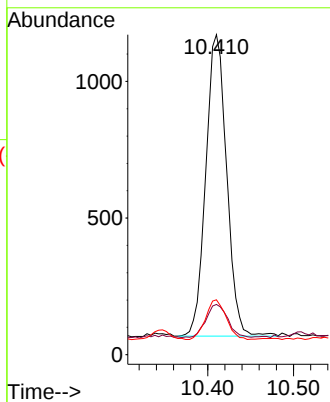
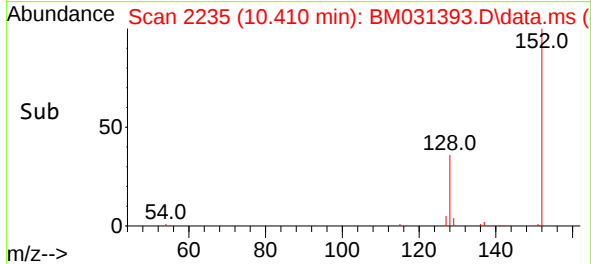




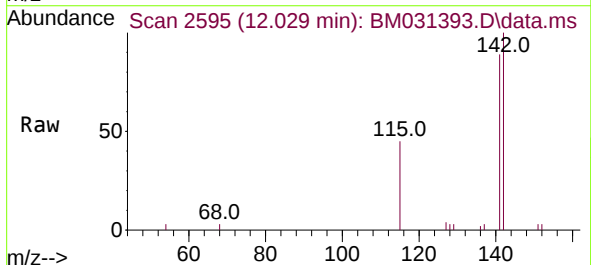
#5
Naphthalene
Concen: 0.09 ng/ul
RT: 10.410 min Scan# 2235
Delta R.T. 0.000 min
Lab File: BM031393.D
Acq: 03 Aug 2021 01:56



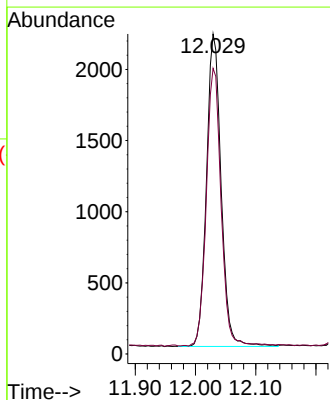
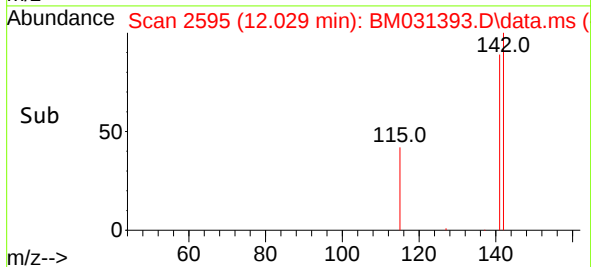
Tgt Ion:128 Resp: 1864
Ion Ratio Lower Upper
128 100
129 15.7 10.0 15.0#
127 17.2 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.25 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. -0.004 min
Lab File: BM031393.D
Acq: 03 Aug 2021 01:56



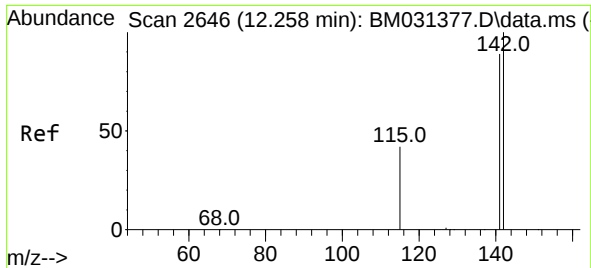
Tgt Ion:142 Resp: 3714
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.0



Instrument :
BNA_M
ClientSampled :
C0068DL

Manual Integrations
APPROVED

mohammad
8/3/2021 11:51:08 AM



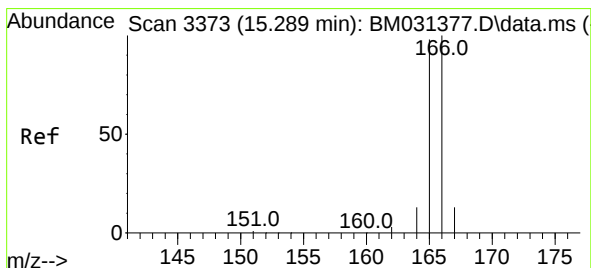
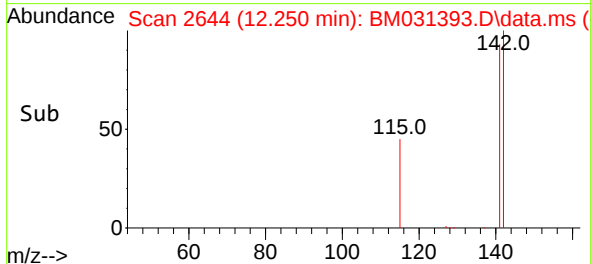
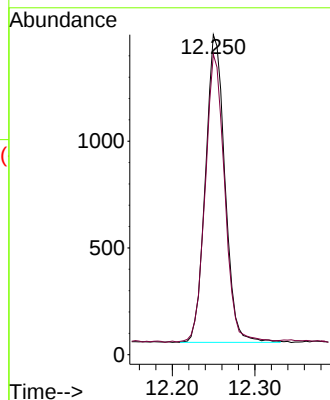
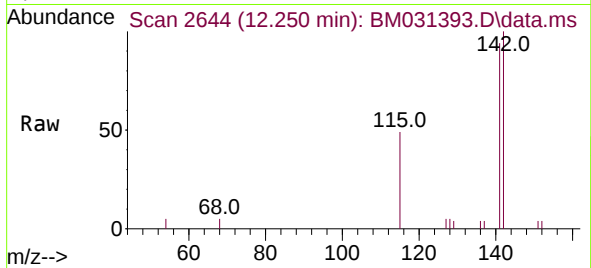
#8
1-Methylnaphthalene
Concen: 0.16 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.004 min
Lab File: BM031393.D
Acq: 03 Aug 2021 01:56

Tgt Ion:142 Resp: 2357
Ion Ratio Lower Upper
142 100
141 93.5 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C0068DL

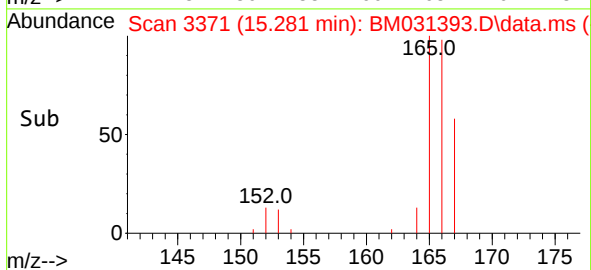
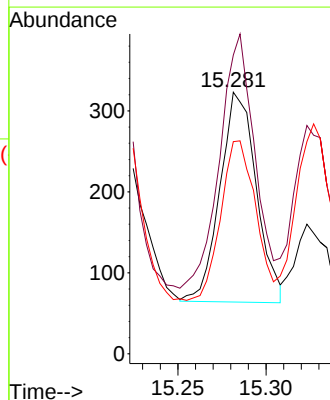
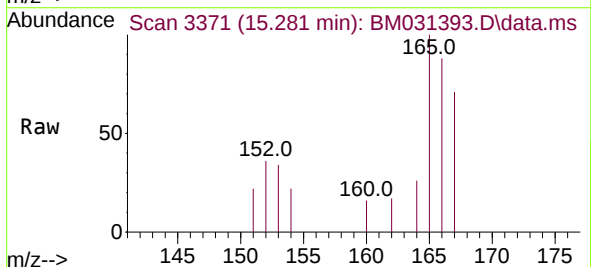
Manual Integrations
APPROVED

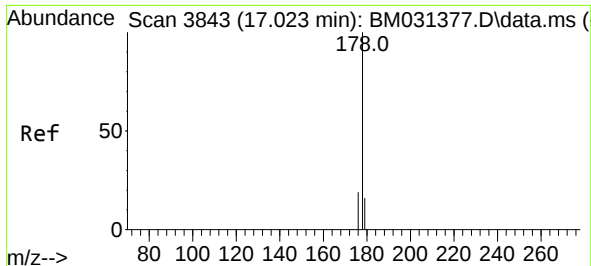
mohammad
8/3/2021 11:51:08 AM



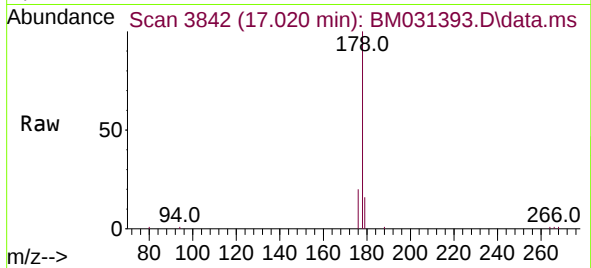
#12
Fluorene
Concen: 0.02 ng/ul
RT: 15.281 min Scan# 3371
Delta R.T. -0.004 min
Lab File: BM031393.D
Acq: 03 Aug 2021 01:56

Tgt Ion:166 Resp: 372
Ion Ratio Lower Upper
166 100
165 114.2 78.0 117.0
167 81.1 12.0 18.0#

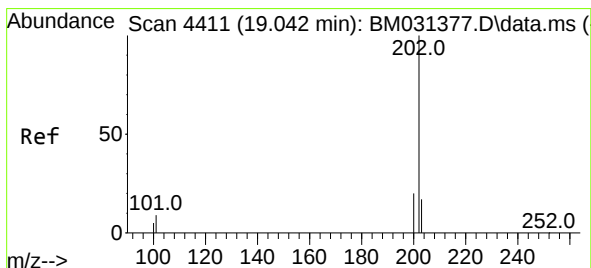
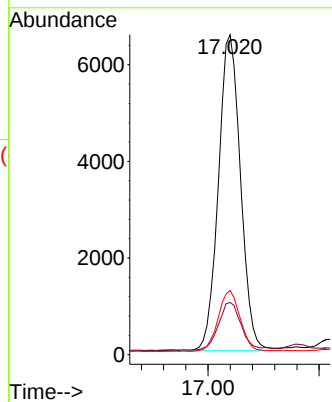
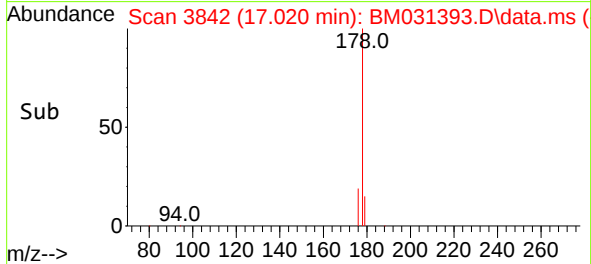




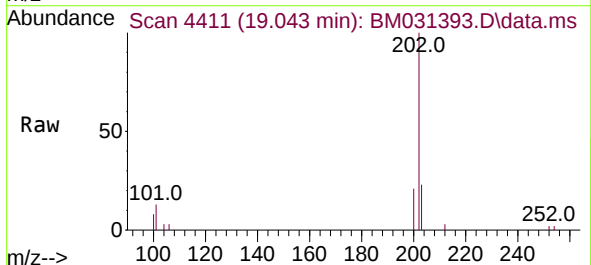
#15
Phenanthrene
Concen: 0.36 ng/ul
RT: 17.020 min Scan# 3842
Delta R.T. -0.003 min
Lab File: BM031393.D
Acq: 03 Aug 2021 01:56



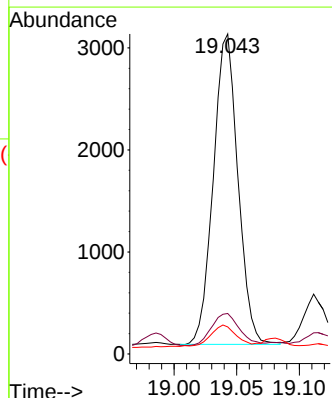
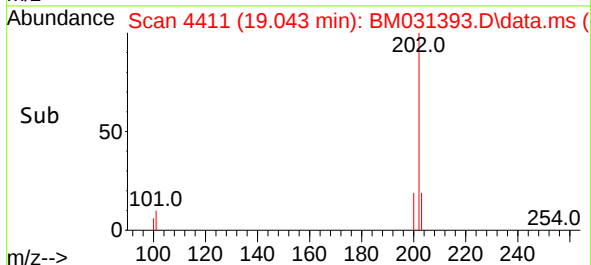
Tgt Ion:178 Resp: 9014
Ion Ratio Lower Upper
178 100
179 16.3 13.3 19.9
176 20.1 16.2 24.4



#19
Fluoranthene
Concen: 0.17 ng/ul
RT: 19.043 min Scan# 4411
Delta R.T. 0.000 min
Lab File: BM031393.D
Acq: 03 Aug 2021 01:56



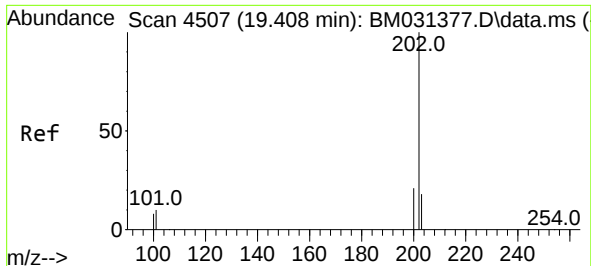
Tgt Ion:202 Resp: 4160
Ion Ratio Lower Upper
202 100
101 12.7 6.6 10.0#
100 8.5 5.4 8.0#



Instrument :
BNA_M
ClientSampled :
C0068DL

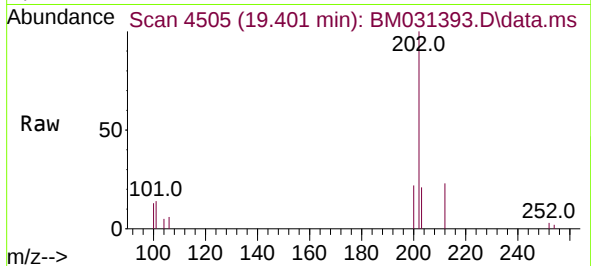
Manual Integrations
APPROVED

mohammad
8/3/2021 11:51:08 AM



#20
Pyrene
Concen: 0.16 ng/ul
RT: 19.401 min Scan# 4505
Delta R.T. -0.008 min
Lab File: BM031393.D
Acq: 03 Aug 2021 01:56

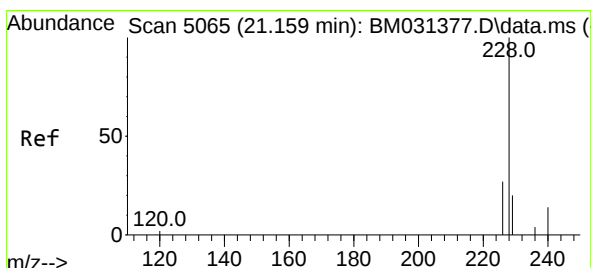
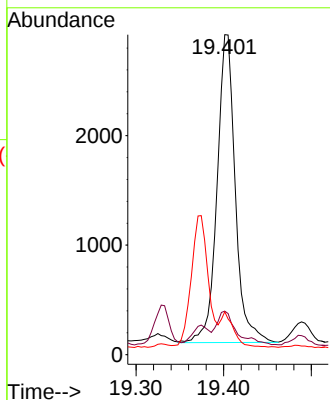
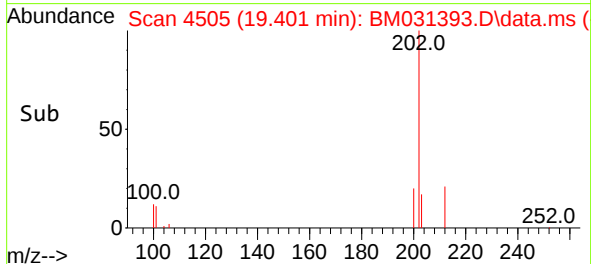
Instrument :
BNA_M
ClientSampled :
C0068DL



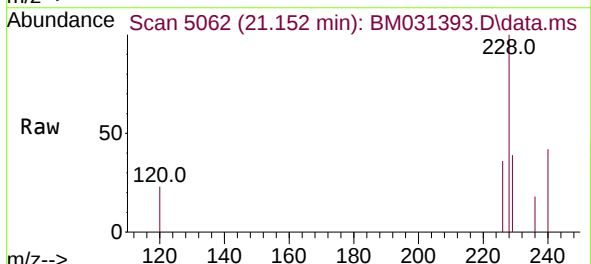
Tgt Ion:202 Resp: 4078
Ion Ratio Lower Upper
202 100
101 13.6 7.8 11.6#
100 13.4 6.6 10.0#

Manual Integrations
APPROVED

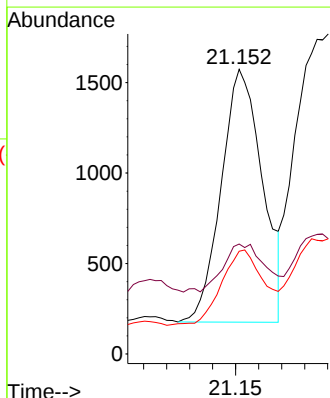
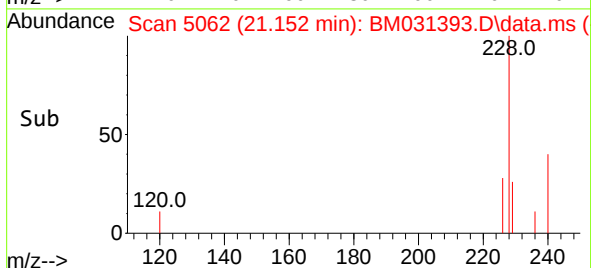
mohammad
8/3/2021 11:51:08 AM

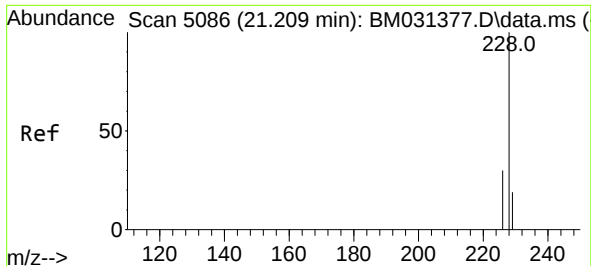


#21
Benzo(a)anthracene
Concen: 0.07 ng/ul
RT: 21.152 min Scan# 5062
Delta R.T. -0.007 min
Lab File: BM031393.D
Acq: 03 Aug 2021 01:56

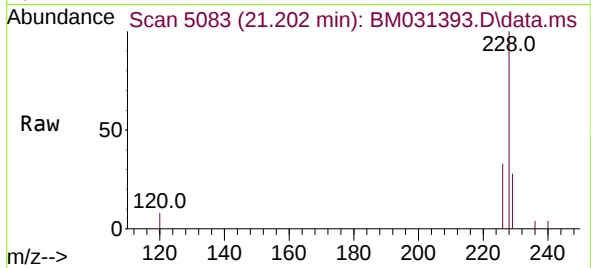


Tgt Ion:228 Resp: 1742
Ion Ratio Lower Upper
228 100
229 38.6 15.6 23.4#
226 36.1 21.7 32.5#

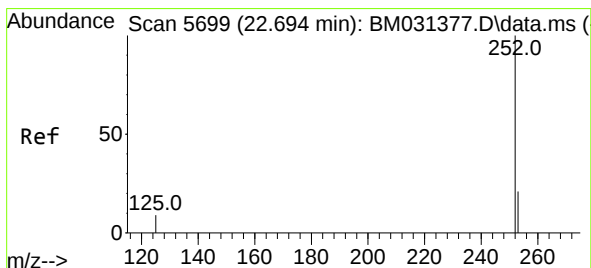
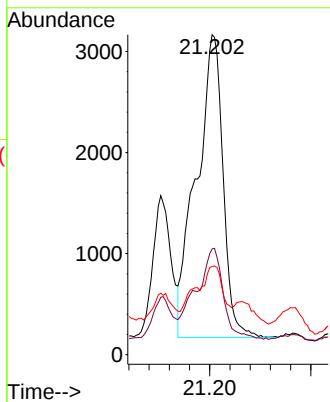
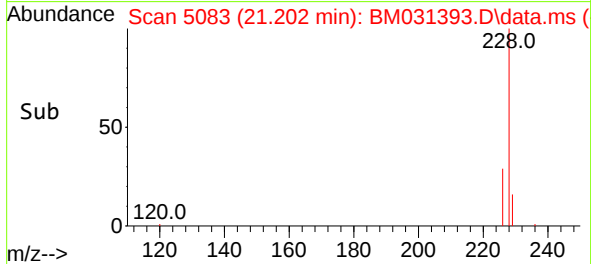




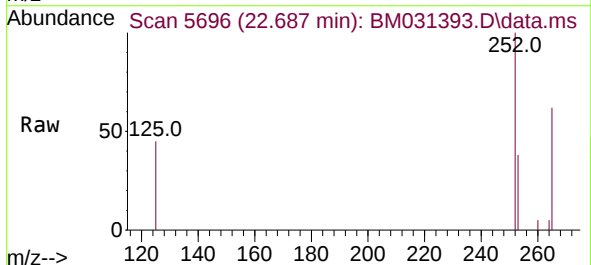
#22
Chrysene
Concen: 0.22 ng/ul
RT: 21.202 min Scan# 5083
Delta R.T. -0.007 min
Lab File: BM031393.D
Acq: 03 Aug 2021 01:56



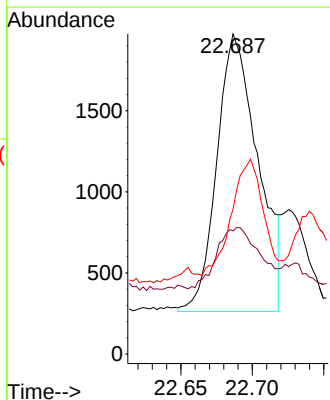
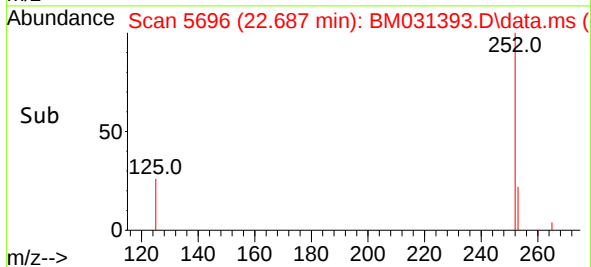
Tgt Ion:228 Resp: 5472
Ion Ratio Lower Upper
228 100
226 33.0 24.7 37.1
229 27.6 16.2 24.2#



#24
Benzo(b)fluoranthene
Concen: 0.14 ng/ul m
RT: 22.687 min Scan# 5696
Delta R.T. -0.005 min
Lab File: BM031393.D
Acq: 03 Aug 2021 01:56



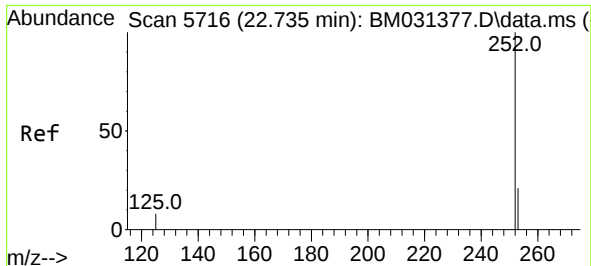
Tgt Ion:252 Resp: 3412
Ion Ratio Lower Upper
252 100
253 38.4 0.0 53.0
125 45.2 0.0 22.8#



Instrument :
BNA_M
ClientSampled :
C0068DL

Manual Integrations
APPROVED

mohammad
8/3/2021 11:51:08 AM



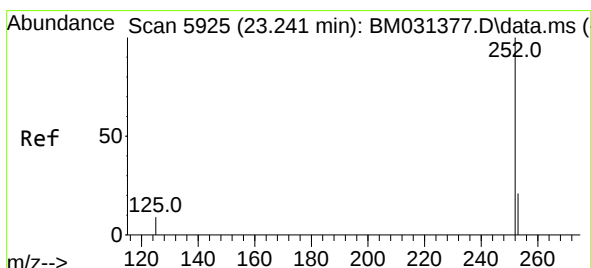
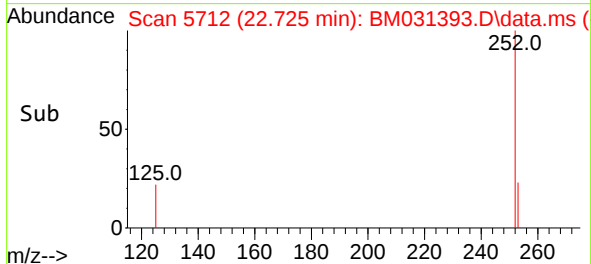
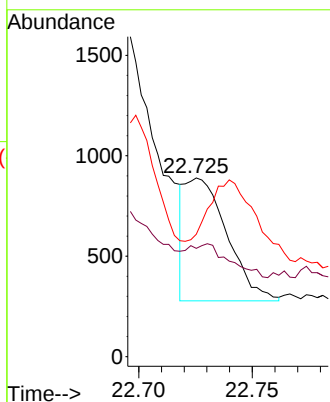
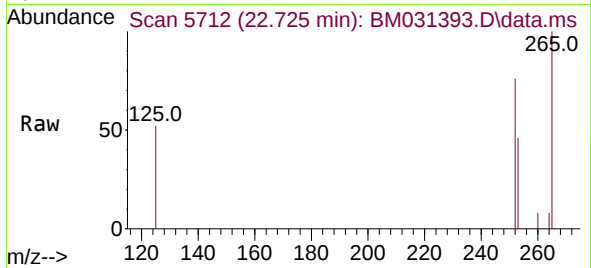
#25
Benzo(k)fluoranthene
Concen: 0.03 ng/ul m
RT: 22.725 min Scan# 5712
Delta R.T. -0.010 min
Lab File: BM031393.D
Acq: 03 Aug 2021 01:56

Tgt Ion:252 Resp: 791
Ion Ratio Lower Upper
252 100
253 60.6 21.3 31.9#
125 68.4 8.8 13.2#

Instrument :
BNA_M
ClientSampled :
C0068DL

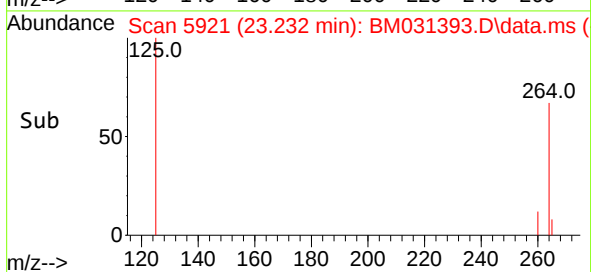
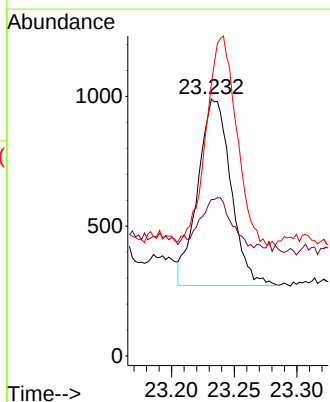
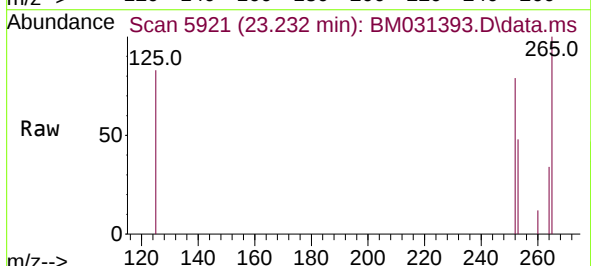
Manual Integrations
APPROVED

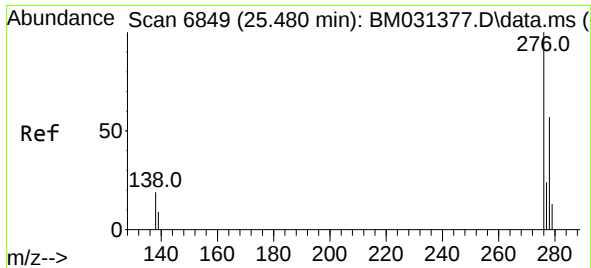
mohammad
8/3/2021 11:51:08 AM



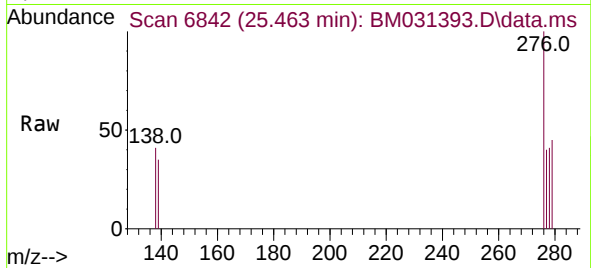
#26
Benzo(a)pyrene
Concen: 0.06 ng/ul
RT: 23.232 min Scan# 5921
Delta R.T. -0.012 min
Lab File: BM031393.D
Acq: 03 Aug 2021 01:56

Tgt Ion:252 Resp: 1313
Ion Ratio Lower Upper
252 100
253 60.9 22.4 33.6#
125 105.8 13.0 19.4#

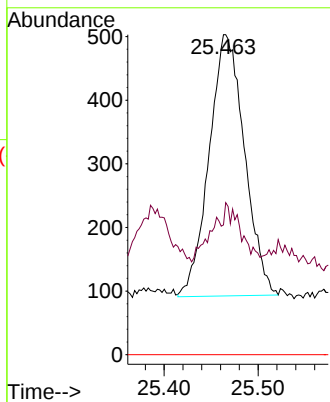
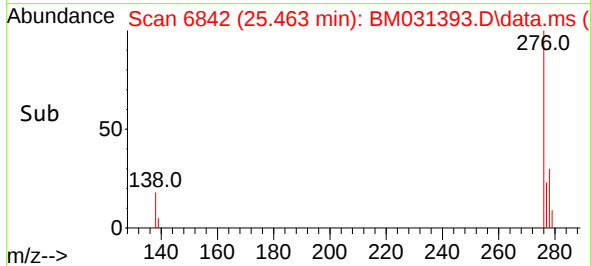




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.04 ng/ul
 RT: 25.463 min Scan# 6842
 Delta R.T. -0.017 min
 Lab File: BM031393.D
 Acq: 03 Aug 2021 01:56



Tgt Ion:	276	Resp:	1074
Ion Ratio	Lower	Upper	
276	100		
138	16.9	15.8	23.8
227	0.0	0.0	0.0



Instrument :
 BNA_M
 ClientSampled :
 C0068DL

Manual Integrations
 APPROVED

mohammad
 8/3/2021 11:51:08 AM