

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
 Data File : BM030899.D
 Acq On : 08 Jul 2021 23:55
 Operator : CG/JU
 Sample : M2853-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AW0

Manual Integrations
 APPROVED

mohammad
 7/9/2021 2:48:40 PM

Quant Time: Jul 09 02:53:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 09 02:52:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	2307	0.400	ng/ul	0.00
4) Naphthalene-d8	10.545	136	9636	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.391	164	6414	0.400	ng/ul	#-0.02
13) Phenanthrene-d10	17.131	188	11196m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.304	240	6654	0.400	ng/ul	-0.01
23) Perylene-d12	23.544	264	7915	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.262	96	5442	2.165	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.137	152	5478	0.362	ng/ul	-0.02
18) Fluoranthene-d10	19.153	212	11752	0.616	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.595	128	1430	0.052	ng/ul#	1
8) 1-Methylnaphthalene	12.430	142	4061	0.226	ng/ul	98
10) Acenaphthylene	14.110	152	1661	0.058	ng/ul#	19
11) Acenaphthene	14.451	153	6920	0.298	ng/ul	98
12) Fluorene	15.437	166	21040	0.822	ng/ul#	97
14) Pentachlorophenol	16.784	266	539544	147.655	ng/ul	95
15) Phenanthrene	17.173	178	5971	0.159	ng/ul#	91
16) Anthracene	17.263	178	3215	0.098	ng/ul#	89
19) Fluoranthene	19.184	202	2131	0.073	ng/ul#	82
20) Pyrene	19.546	202	3296	0.112	ng/ul#	84

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

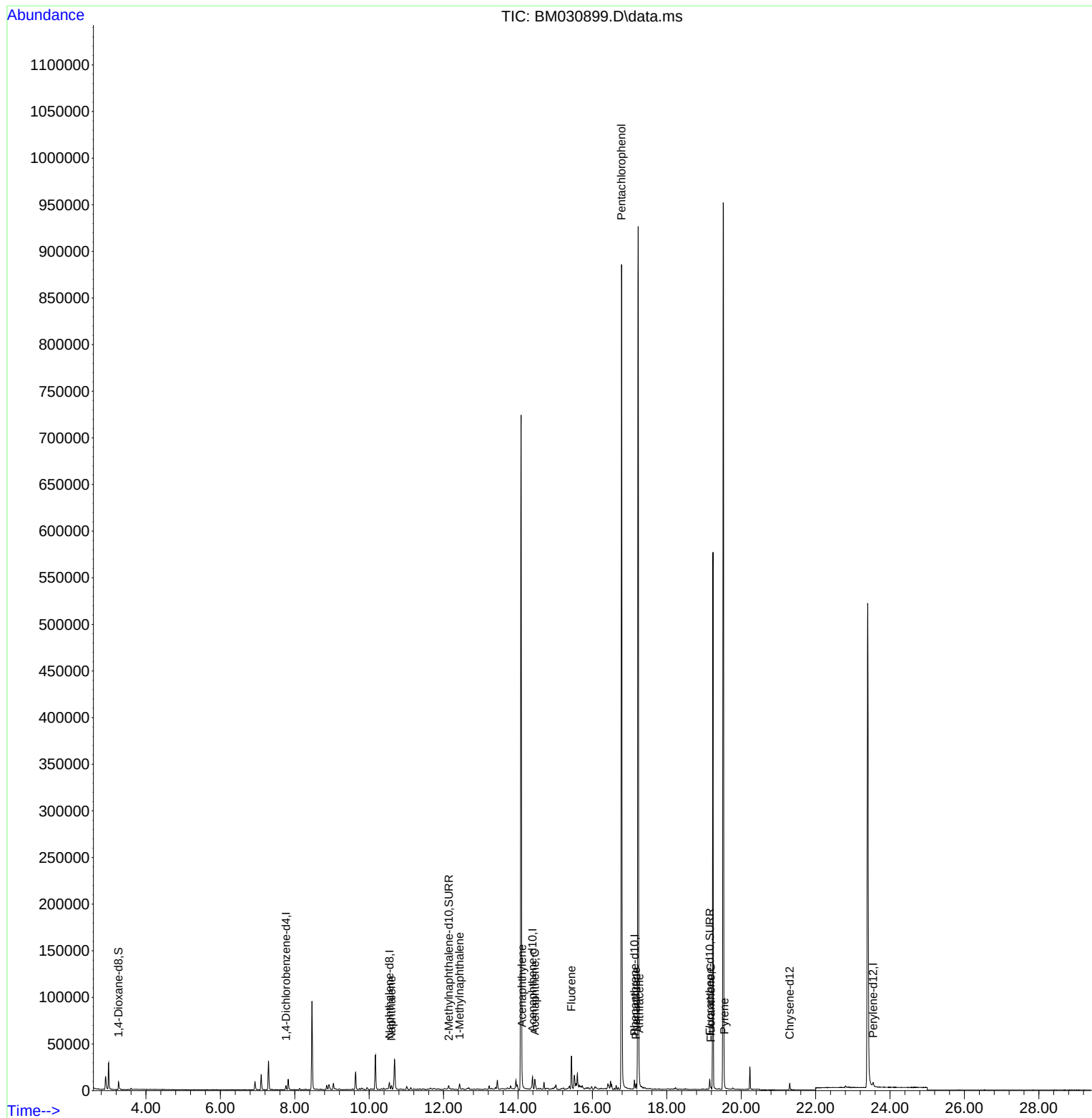
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
Data File : BM030899.D
Acq On : 08 Jul 2021 23:55
Operator : CG/JU
Sample : M2853-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

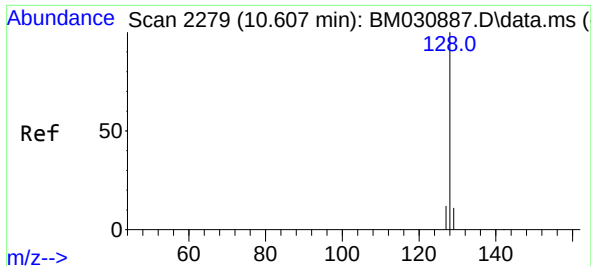
Instrument :
BNA_M
ClientSampleId :
C0AW0

Manual Integrations
APPROVED

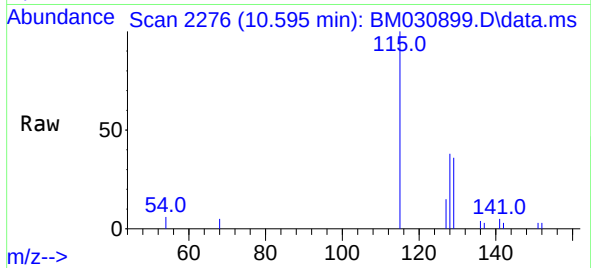
mohammad
7/9/2021 2:48:40 PM

Quant Time: Jul 09 02:53:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 09 02:52:26 2021
Response via : Initial Calibration

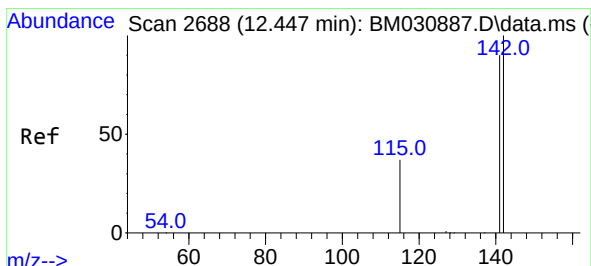
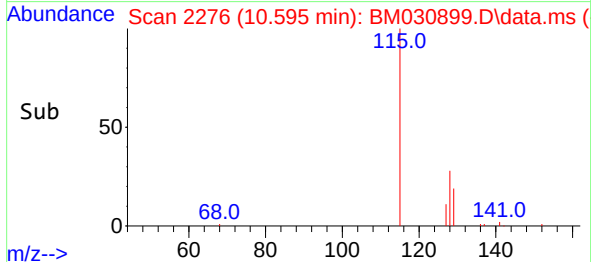
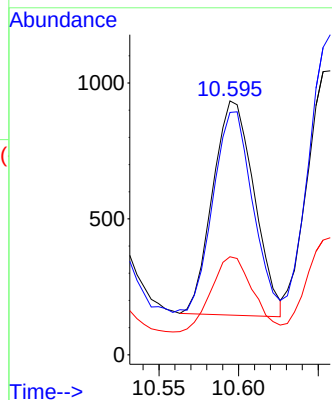




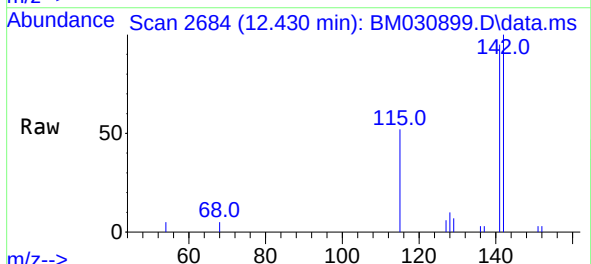
#5
Naphthalene
Concen: 0.052 ng/ul
RT: 10.595 min Scan# 2276
Delta R.T. -0.009 min
Lab File: BM030899.D
Acq: 08 Jul 2021 23:55



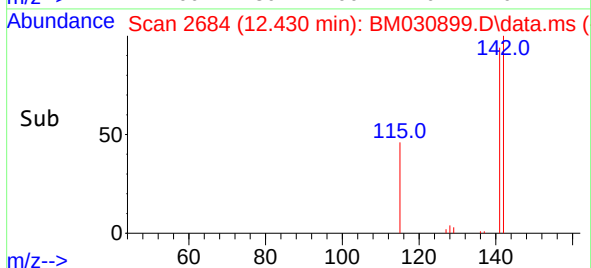
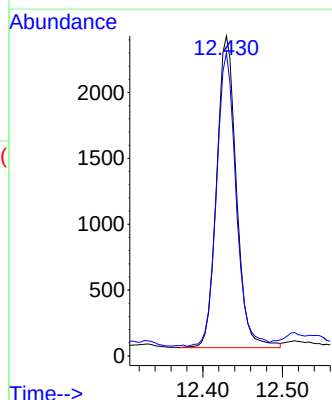
Tgt Ion:128 Resp: 1430
Ion Ratio Lower Upper
128 100
129 95.5 9.0 13.6#
127 38.7 10.9 16.3#



#8
1-Methylnaphthalene
Concen: 0.226 ng/ul
RT: 12.430 min Scan# 2684
Delta R.T. -0.013 min
Lab File: BM030899.D
Acq: 08 Jul 2021 23:55



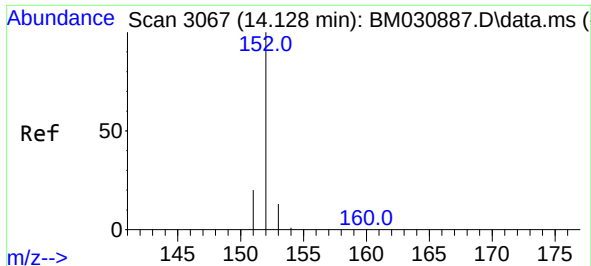
Tgt Ion:142 Resp: 4061
Ion Ratio Lower Upper
142 100
141 93.6 73.4 110.0



Instrument :
BNA_M
ClientSampled :
C0AW0

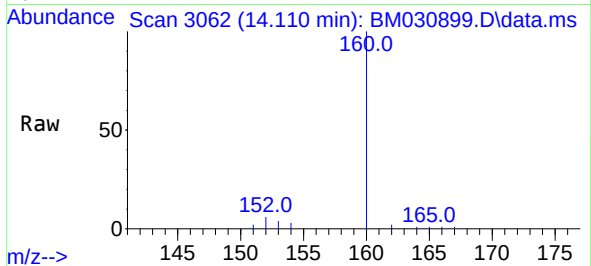
Manual Integrations
APPROVED

mohammad
7/9/2021 2:48:40 PM



#10
Acenaphthylene
Concen: 0.058 ng/ul
RT: 14.110 min Scan# 3062
Delta R.T. -0.015 min
Lab File: BM030899.D
Acq: 08 Jul 2021 23:55

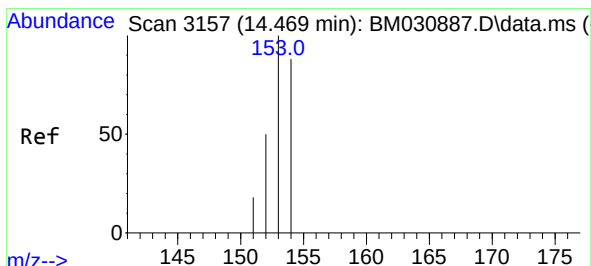
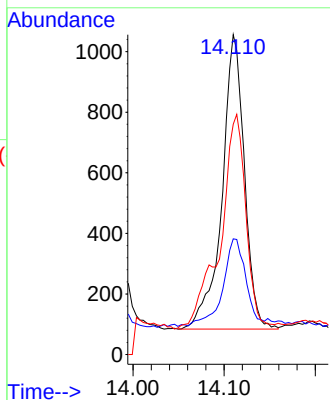
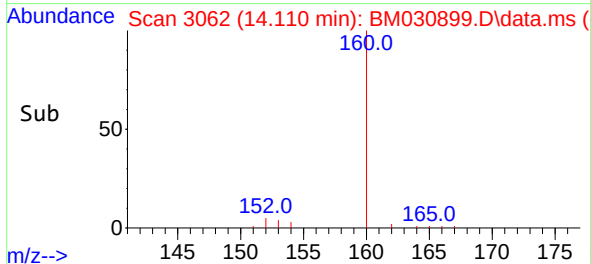
Instrument :
BNA_M
ClientSampled :
C0AW0



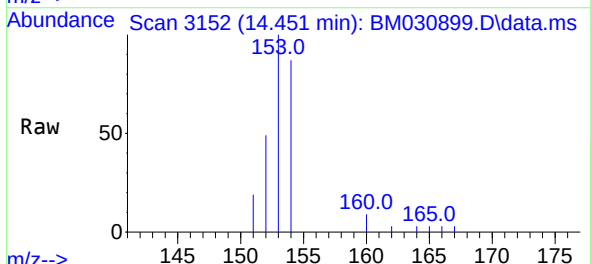
Tgt Ion:152 Resp: 1661
Ion Ratio Lower Upper
152 100
151 36.2 15.5 23.3#
153 72.0 10.7 16.1#

Manual Integrations
APPROVED

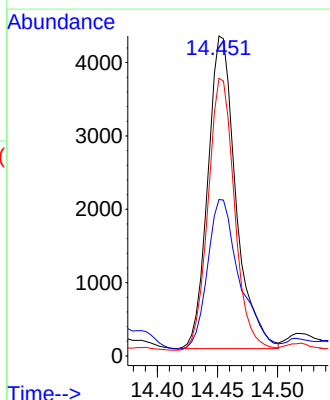
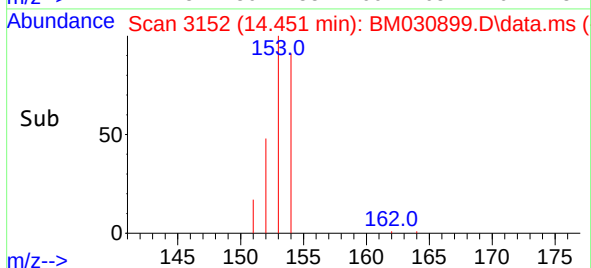
mohammad
7/9/2021 2:48:40 PM

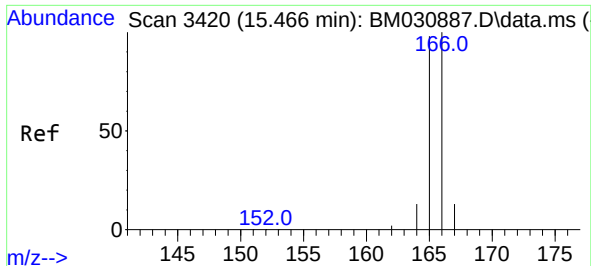


#11
Acenaphthene
Concen: 0.298 ng/ul
RT: 14.451 min Scan# 3152
Delta R.T. -0.015 min
Lab File: BM030899.D
Acq: 08 Jul 2021 23:55



Tgt Ion:153 Resp: 6920
Ion Ratio Lower Upper
153 100
152 48.9 40.2 60.2
154 86.8 71.2 106.8





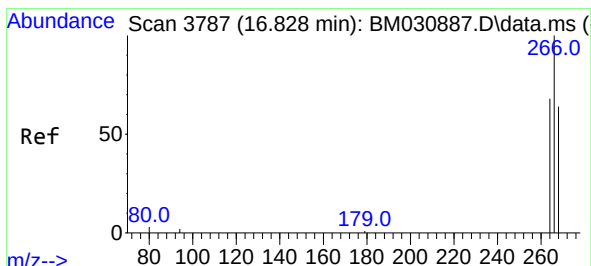
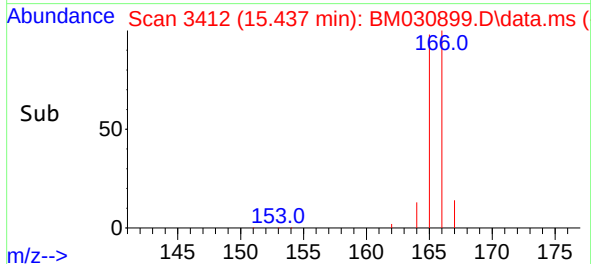
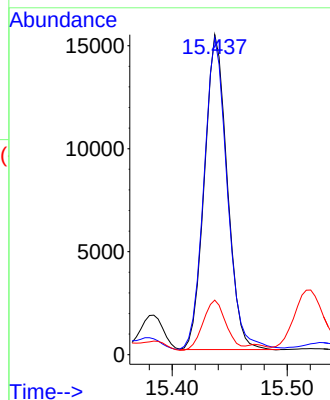
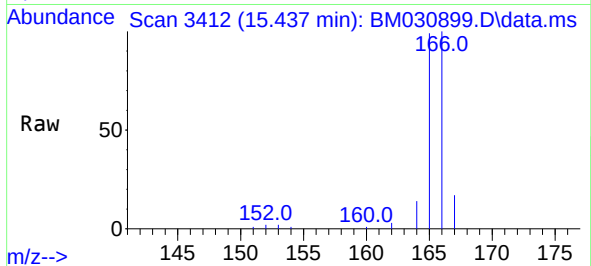
#12
Fluorene
Concen: 0.822 ng/ul
RT: 15.437 min Scan# 3412
Delta R.T. -0.026 min
Lab File: BM030899.D
Acq: 08 Jul 2021 23:55

Tgt Ion:166 Resp: 21040
Ion Ratio Lower Upper
166 100
165 99.0 77.7 116.5
167 17.1 11.3 16.9#

Instrument :
BNA_M
ClientSampled :
C0AW0

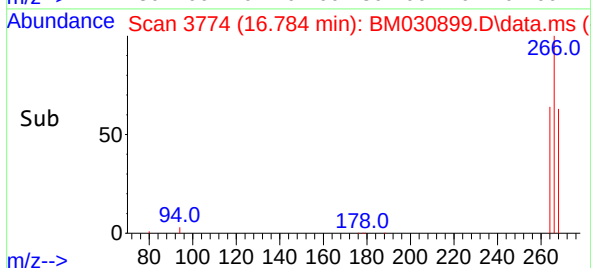
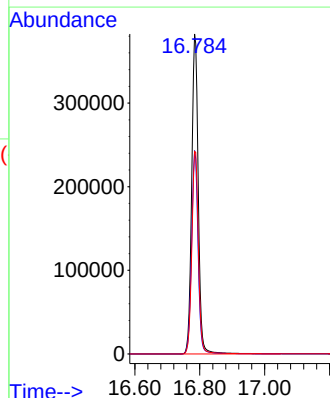
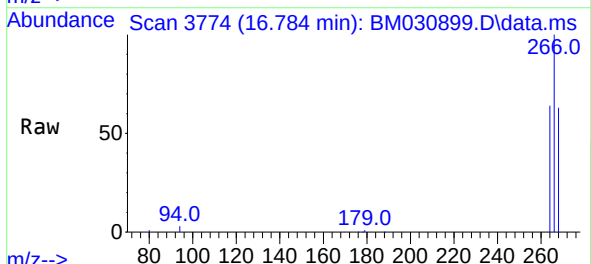
Manual Integrations
APPROVED

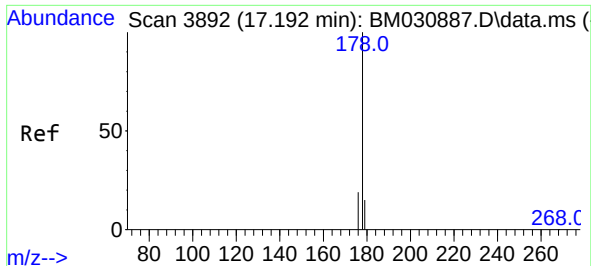
mohammad
7/9/2021 2:48:40 PM



#14
Pentachlorophenol
Concen: 147.655 ng/ul
RT: 16.784 min Scan# 3774
Delta R.T. -0.049 min
Lab File: BM030899.D
Acq: 08 Jul 2021 23:55

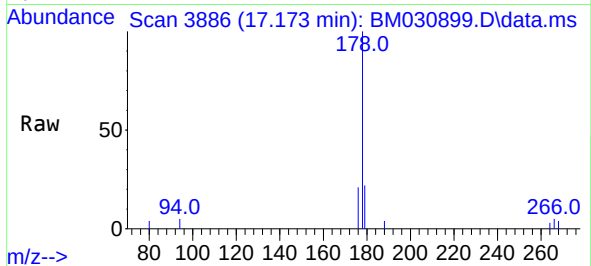
Tgt Ion:266 Resp: 539544
Ion Ratio Lower Upper
266 100
264 63.1 47.7 71.5
268 64.0 47.5 71.3





#15
Phenanthrene
Concen: 0.159 ng/ul
RT: 17.173 min Scan# 3886
Delta R.T. -0.021 min
Lab File: BM030899.D
Acq: 08 Jul 2021 23:55

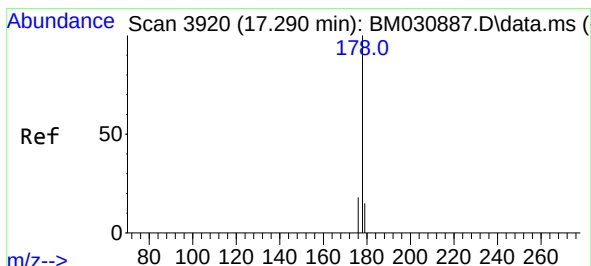
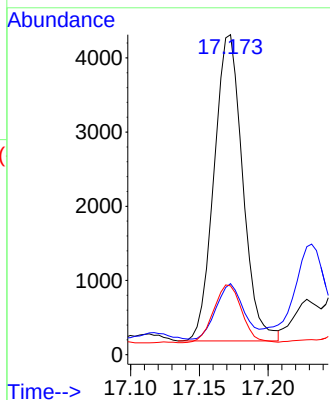
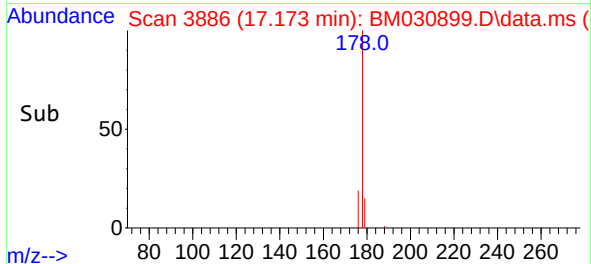
Instrument :
BNA_M
ClientSampled :
C0AW0



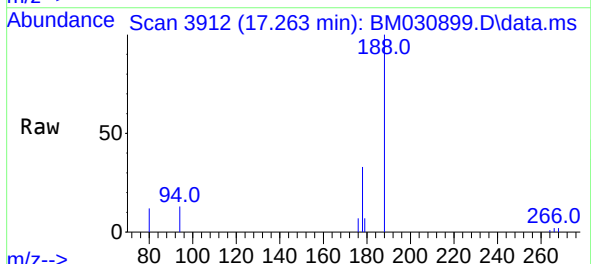
Tgt Ion:178 Resp: 5971
Ion Ratio Lower Upper
178 100
179 22.2 12.6 19.0#
176 21.5 15.5 23.3

Manual Integrations
APPROVED

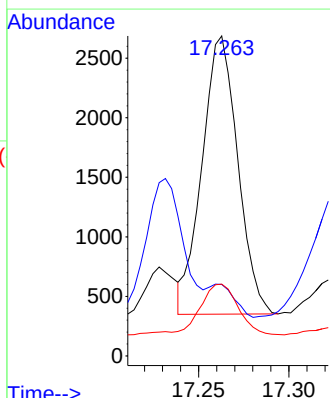
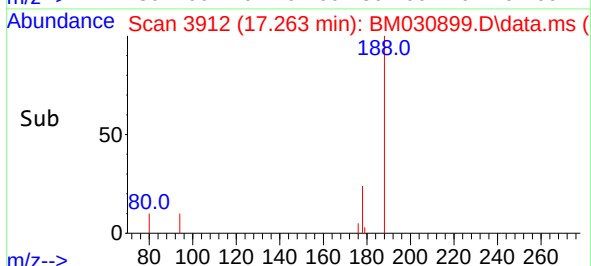
mohammad
7/9/2021 2:48:40 PM

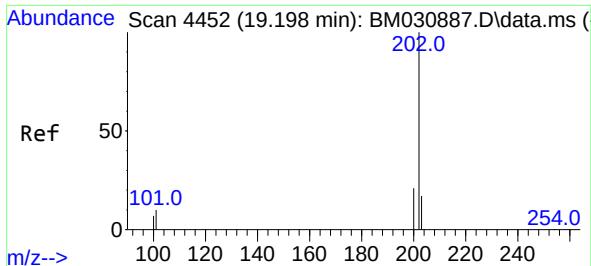


#16
Anthracene
Concen: 0.098 ng/ul
RT: 17.263 min Scan# 3912
Delta R.T. -0.028 min
Lab File: BM030899.D
Acq: 08 Jul 2021 23:55



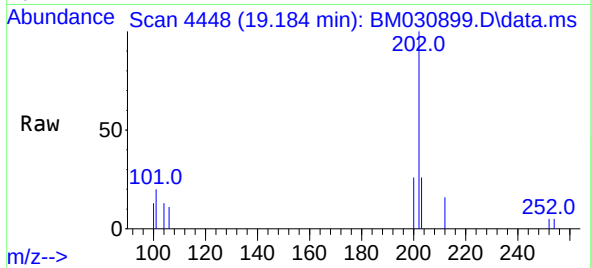
Tgt Ion:178 Resp: 3215
Ion Ratio Lower Upper
178 100
179 22.3 12.7 19.1#
176 22.4 15.2 22.8





#19
Fluoranthene
Concen: 0.073 ng/u1
RT: 19.184 min Scan# 4448
Delta R.T. -0.015 min
Lab File: BM030899.D
Acq: 08 Jul 2021 23:55

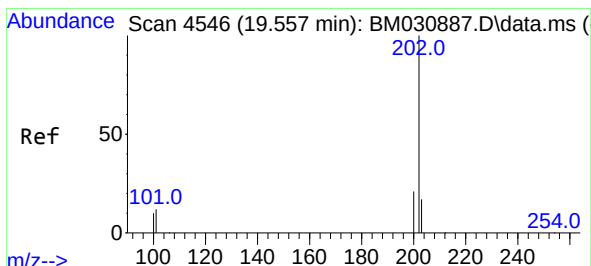
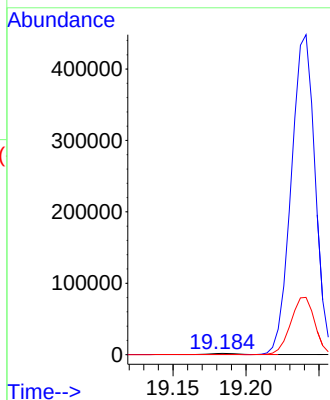
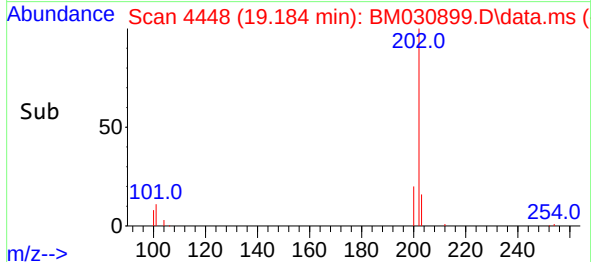
Instrument :
BNA_M
ClientSampled :
C0AW0



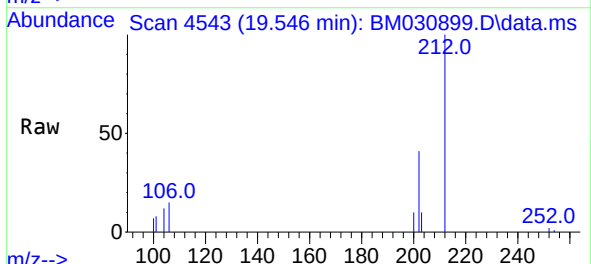
Tgt Ion:202 Resp: 2131
Ion Ratio Lower Upper
202 100
101 19.6 8.8 13.2#
100 13.0 6.9 10.3#

Manual Integrations
APPROVED

mohammad
7/9/2021 2:48:40 PM



#20
Pyrene
Concen: 0.112 ng/u1
RT: 19.546 min Scan# 4543
Delta R.T. -0.011 min
Lab File: BM030899.D
Acq: 08 Jul 2021 23:55



Tgt Ion:202 Resp: 3296
Ion Ratio Lower Upper
202 100
101 19.2 10.1 15.1#
100 16.1 8.2 12.2#

