

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071321\
 Data File : BM030970.D
 Acq On : 14 Jul 2021 21:14
 Operator : CG/JU
 Sample : M2910-05
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AW4

Manual Integrations
 APPROVED

mohammad
 7/15/2021 11:31:22 AM

Quant Time: Jul 15 04:07:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM071321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 13 14:01:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	1166	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.428	136	4021	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.292	164	2976	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.037	188	5941m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.222	240	5416	0.400	ng/ul	-0.01
23) Perylene-d12	23.411	264	5480	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	5976	4.984	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.020	152	2742	0.392	ng/ul	-0.01
18) Fluoranthene-d10	19.066	212	8802	0.483	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	295	0.221	ng/ul#	59
5) Naphthalene	10.478	128	3633	0.303	ng/ul	98
8) 1-Methylnaphthalene	12.317	142	1078	0.130	ng/ul	98
11) Acenaphthene	14.352	153	961	0.091	ng/ul	98
12) Fluorene	15.346	166	1596	0.128	ng/ul#	96
14) Pentachlorophenol	16.690	266	220543	105.088	ng/ul	99
15) Phenanthrene	17.079	178	1127	0.060	ng/ul#	70
16) Anthracene	17.169	178	590	0.033	ng/ul#	51

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

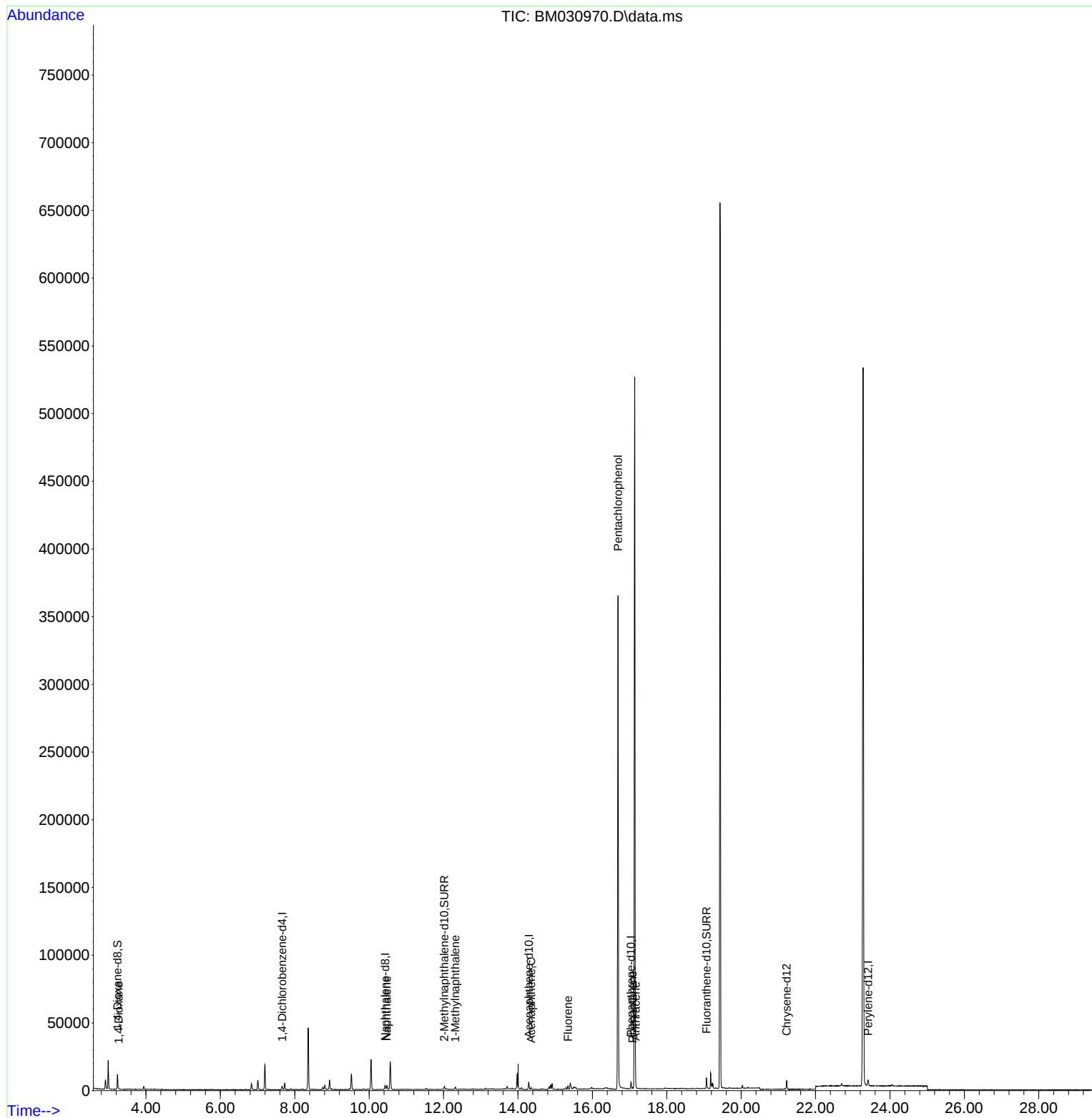
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071321\
Data File : BM030970.D
Acq On : 14 Jul 2021 21:14
Operator : CG/JU
Sample : M2910-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

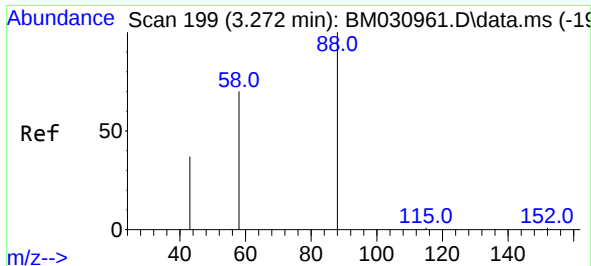
Instrument :
BNA_M
ClientSampleId :
C0AW4

Manual Integrations
APPROVED

mohammad
7/15/2021 11:31:22 AM

Quant Time: Jul 15 04:07:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 13 14:01:01 2021
Response via : Initial Calibration





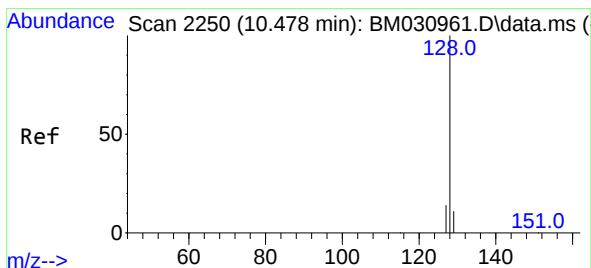
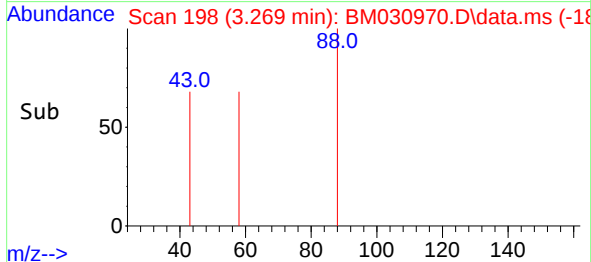
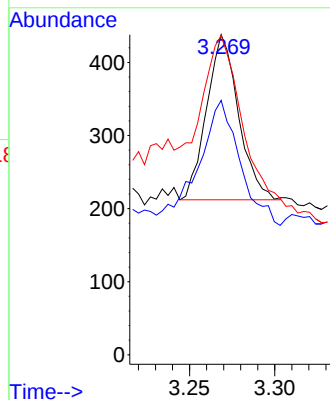
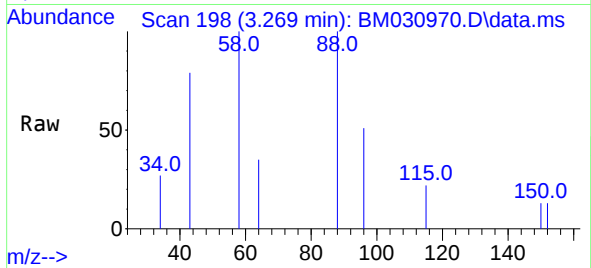
#2
1,4-Dioxane
Concen: 0.221 ng/ul
RT: 3.269 min Scan# 198
Delta R.T. -0.007 min
Lab File: BM030970.D
Acq: 14 Jul 2021 21:14

Tgt Ion: 88	Resp: 295
Ion Ratio	Lower Upper
88 100	
43 79.5	48.2 72.4#
58 99.8	46.0 69.0#

Instrument :
BNA_M
ClientSampleId :
C0AW4

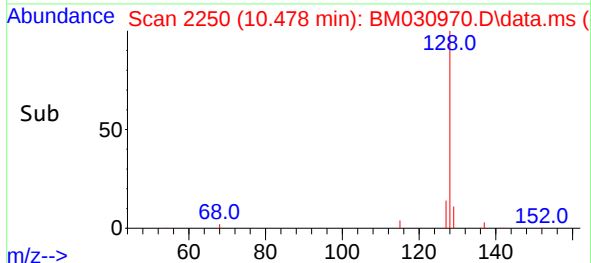
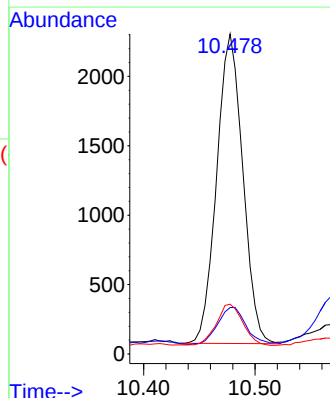
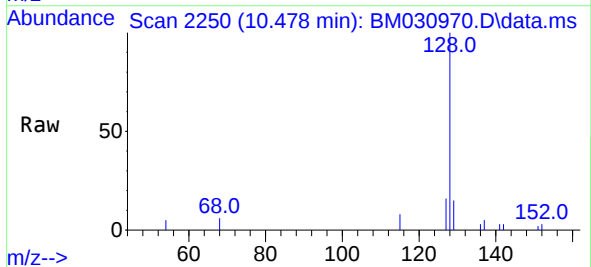
Manual Integrations
APPROVED

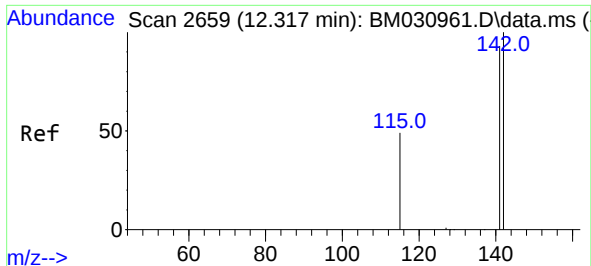
mohammad
7/15/2021 11:31:22 AM



#5
Naphthalene
Concen: 0.303 ng/ul
RT: 10.478 min Scan# 2250
Delta R.T. -0.013 min
Lab File: BM030970.D
Acq: 14 Jul 2021 21:14

Tgt Ion:128	Resp:	3633	
Ion	Ratio	Lower	Upper
128	100		
129	14.5	10.7	16.1
127	15.6	12.7	19.1





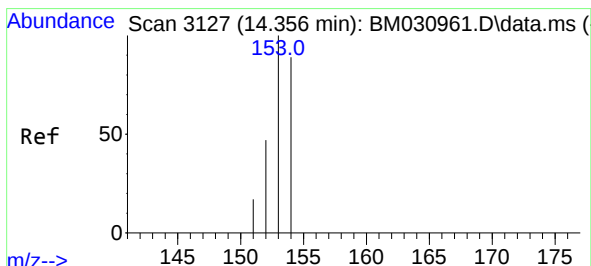
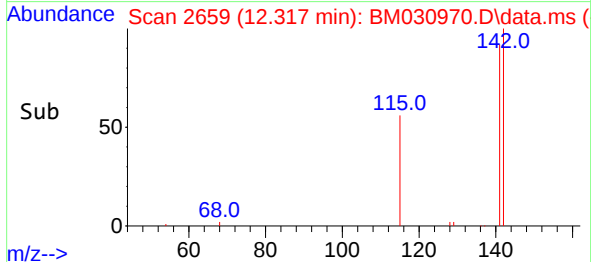
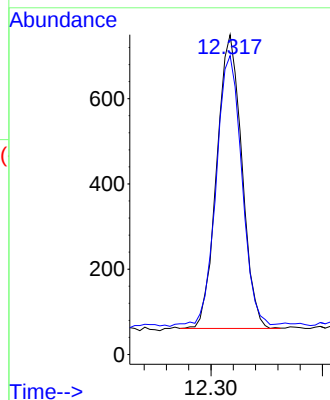
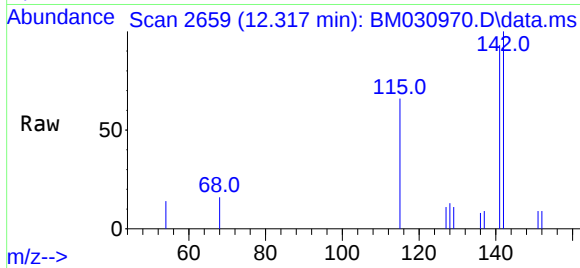
#8
1-Methylnaphthalene
Concen: 0.130 ng/ul
RT: 12.317 min Scan# 2659
Delta R.T. -0.013 min
Lab File: BM030970.D
Acq: 14 Jul 2021 21:14

Tgt Ion:142 Resp: 1078
Ion Ratio Lower Upper
142 100
141 94.6 73.8 110.8

Instrument :
BNA_M
ClientSampleId :
C0AW4

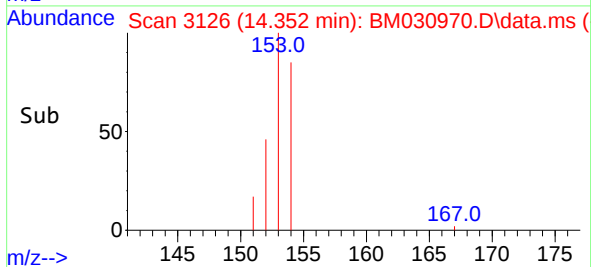
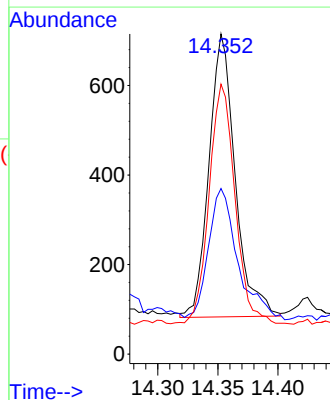
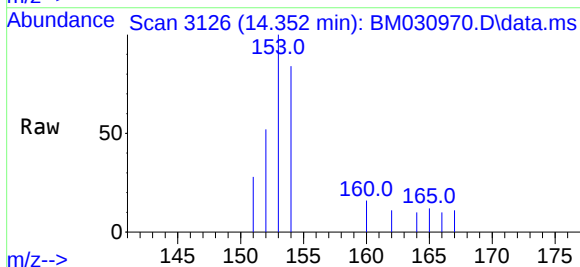
Manual Integrations
APPROVED

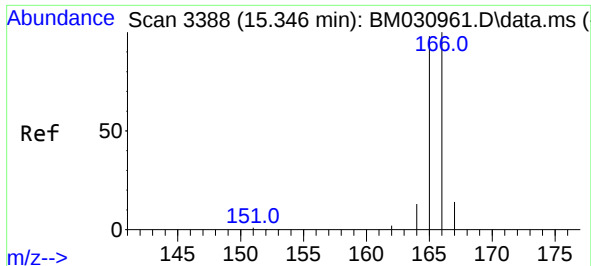
mohammad
7/15/2021 11:31:22 AM



#11
Acenaphthene
Concen: 0.091 ng/ul
RT: 14.352 min Scan# 3126
Delta R.T. -0.011 min
Lab File: BM030970.D
Acq: 14 Jul 2021 21:14

Tgt Ion:153 Resp: 961
Ion Ratio Lower Upper
153 100
152 51.7 39.3 58.9
154 84.3 68.5 102.7





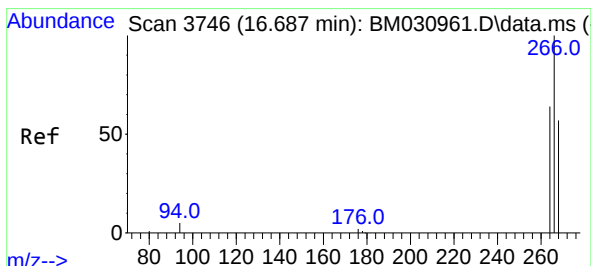
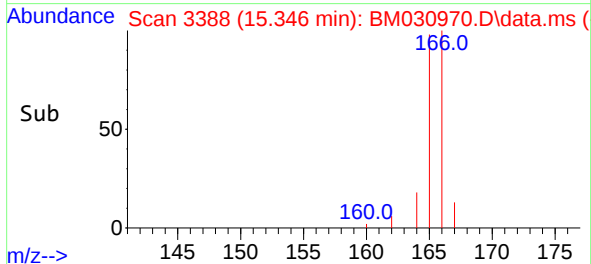
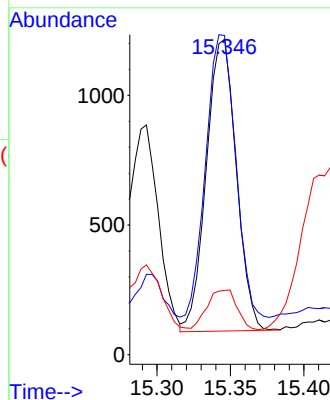
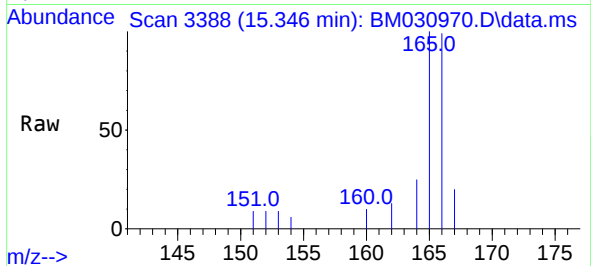
#12
Fluorene
Concen: 0.128 ng/ul
RT: 15.346 min Scan# 3388
Delta R.T. -0.007 min
Lab File: BM030970.D
Acq: 14 Jul 2021 21:14

Tgt Ion:166 Resp: 1596
Ion Ratio Lower Upper
166 100
165 101.2 78.7 118.1
167 20.4 12.5 18.7#

Instrument :
BNA_M
ClientSampled :
C0AW4

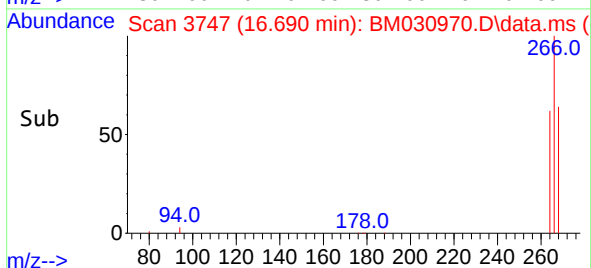
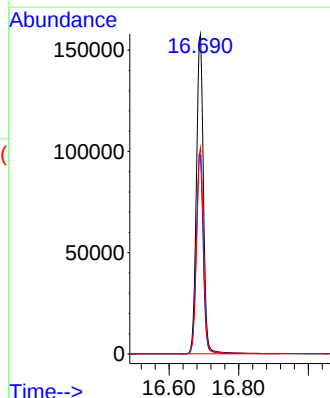
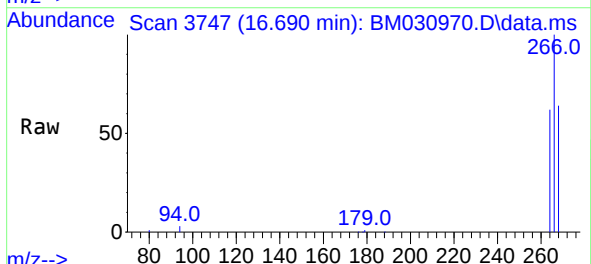
Manual Integrations
APPROVED

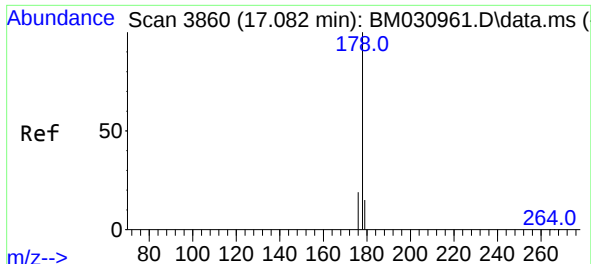
mohammad
7/15/2021 11:31:22 AM



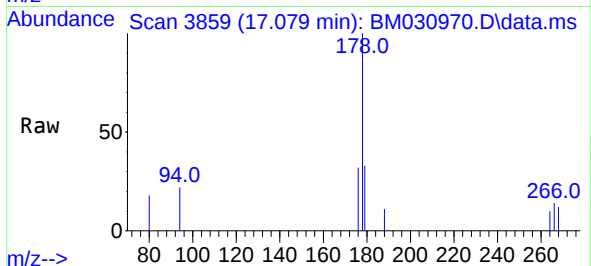
#14
Pentachlorophenol
Concen: 105.088 ng/ul
RT: 16.690 min Scan# 3747
Delta R.T. -0.014 min
Lab File: BM030970.D
Acq: 14 Jul 2021 21:14

Tgt Ion:266 Resp: 220543
Ion Ratio Lower Upper
266 100
264 62.7 49.5 74.3
268 63.9 50.4 75.6



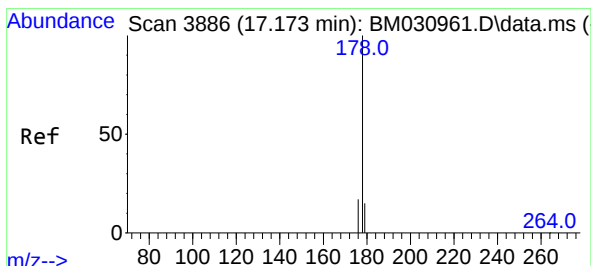
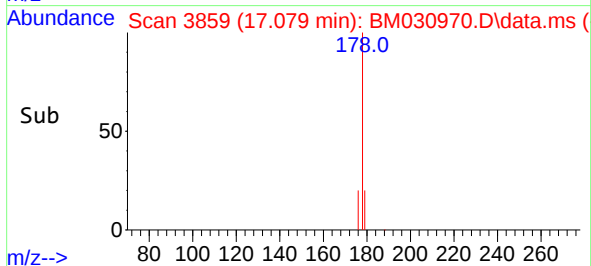
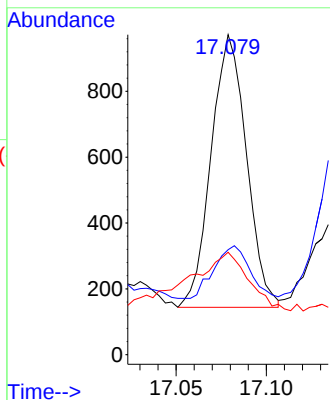


#15
Phenanthrene
Concen: 0.060 ng/u1
RT: 17.079 min Scan# 3859
Delta R.T. -0.010 min
Lab File: BM030970.D
Acq: 14 Jul 2021 21:14

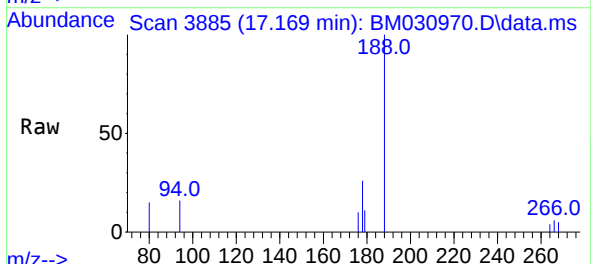


Tgt Ion:178 Resp: 1127

Ion	Ratio	Lower	Upper
178	100		
179	32.8	13.8	20.6#
176	32.0	16.4	24.6#

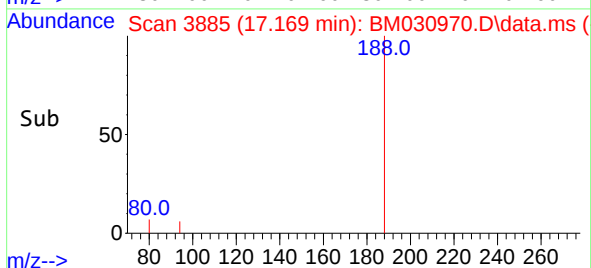
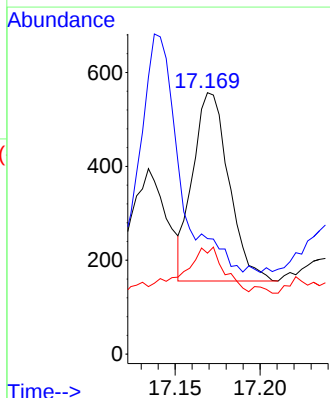


#16
Anthracene
Concen: 0.033 ng/u1
RT: 17.169 min Scan# 3885
Delta R.T. -0.010 min
Lab File: BM030970.D
Acq: 14 Jul 2021 21:14



Tgt Ion:178 Resp: 590

Ion	Ratio	Lower	Upper
178	100		
179	44.2	14.5	21.7#
176	38.6	16.1	24.1#



Instrument :
BNA_M
ClientSampleId :
C0AW4

Manual Integrations
APPROVED

mohammad
7/15/2021 11:31:22 AM