

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
 Data File : BM030898.D
 Acq On : 08 Jul 2021 23:18
 Operator : CG/JU
 Sample : M2825-07DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDR1DL

Manual Integrations
 APPROVED

mohammad
 7/9/2021 2:48:37 PM

Quant Time: Jul 09 02:53:42 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	2390	0.400	ng/ul	0.00
4) Naphthalene-d8	10.554	136	9360	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.394	164	5123	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.138	188	8639	0.400	ng/ul	-0.01
17) Chrysene-d12	21.306	240	5534	0.400	ng/ul	0.00
23) Perylene-d12	23.552	264	4993	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	619	0.238	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.164	152	479	0.033	ng/ul	0.00
18) Fluoranthene-d10	19.157	212	709	0.045	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.604	128	1207	0.045	ng/ul#	79
10) Acenaphthylene	14.117	152	532	0.023	ng/ul#	61
11) Acenaphthene	14.459	153	4313	0.233	ng/ul	97
12) Fluorene	15.448	166	2514	0.123	ng/ul#	95
15) Phenanthrene	17.176	178	21951	0.756	ng/ul	99
16) Anthracene	17.270	178	7742	0.304	ng/ul	97
19) Fluoranthene	19.188	202	23926	0.980	ng/ul	99
20) Pyrene	19.550	202	18881	0.769	ng/ul	98
21) Benzo(a)anthracene	21.294	228	8407	0.381	ng/ul	94
22) Chrysene	21.343	228	8091	0.327	ng/ul	97
24) Benzo(b)fluoranthene	22.878	252	9191m	0.416	ng/ul	
25) Benzo(k)fluoranthene	22.919	252	4034m	0.177	ng/ul	
26) Benzo(a)pyrene	23.455	252	5580	0.297	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.829	276	4005	0.163	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.836	278	1084	0.055	ng/ul#	24
29) Benzo(g,h,i)perylene	26.529	276	602	0.028	ng/ul#	39

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

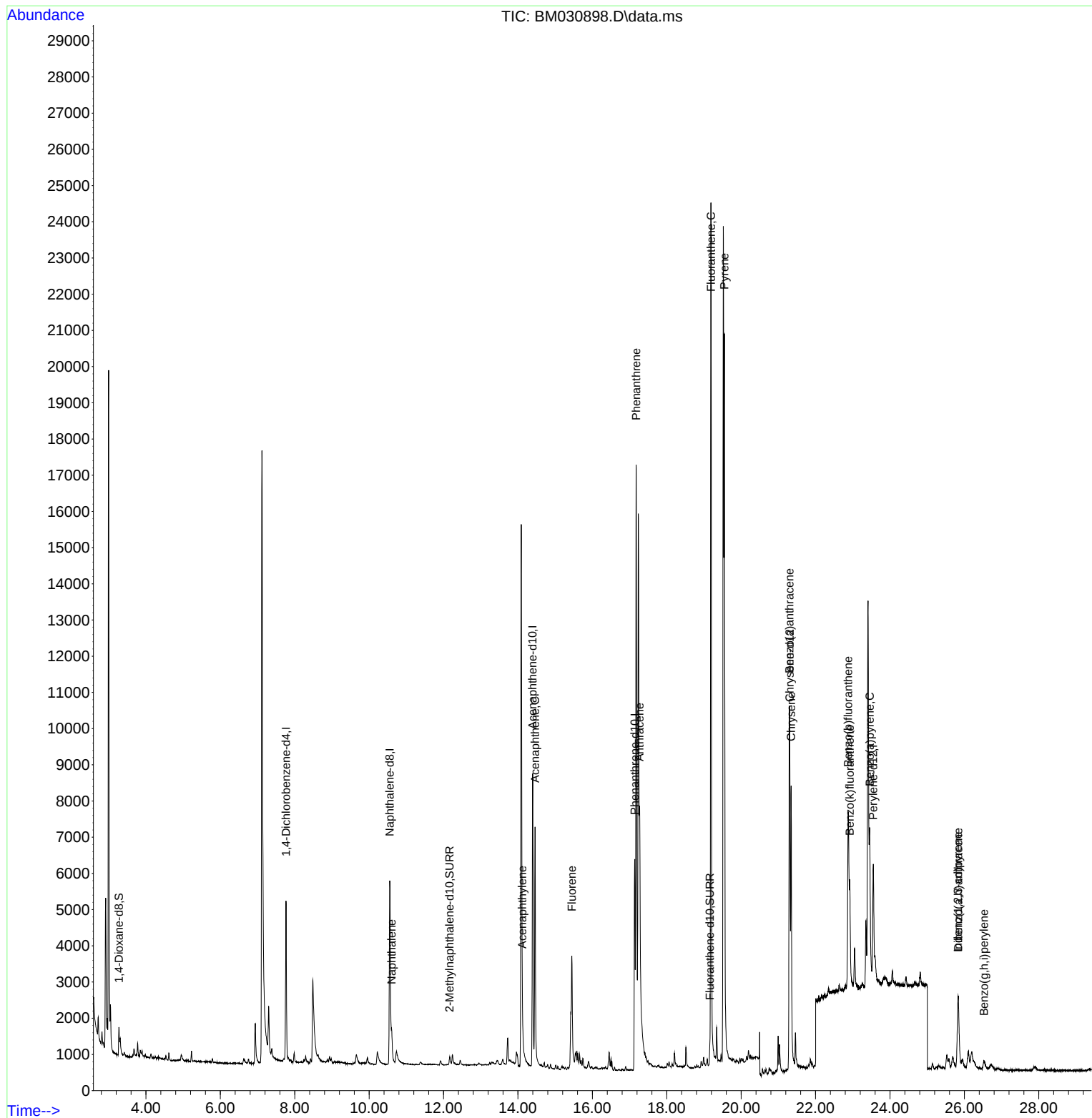
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
Data File : BM030898.D
Acq On : 08 Jul 2021 23:18
Operator : CG/JU
Sample : M2825-07DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

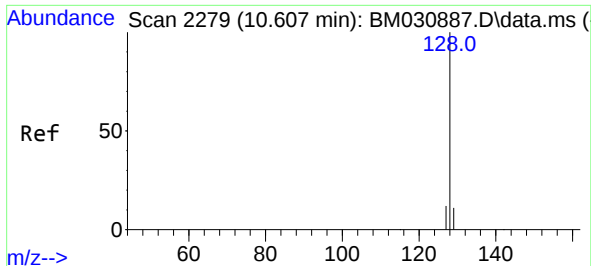
Instrument :
BNA_M
ClientSampleId :
BGDR1DL

Manual Integrations
APPROVED

mohammad
7/9/2021 2:48:37 PM

Quant Time: Jul 09 02:53:42 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





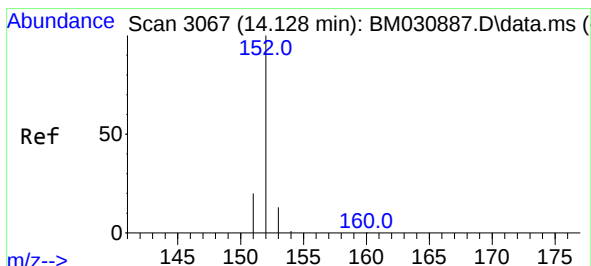
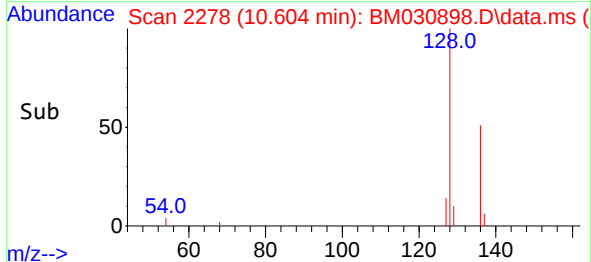
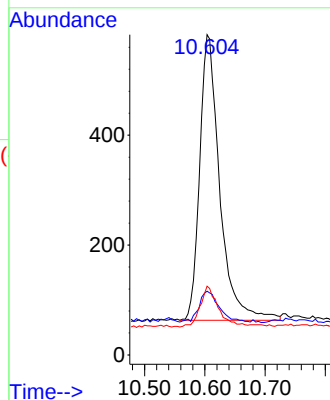
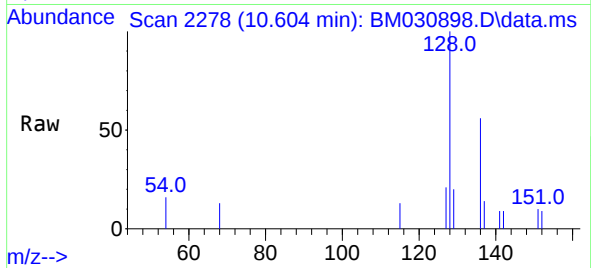
#5
Naphthalene
Concen: 0.045 ng/ul
RT: 10.604 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BM030898.D
Acq: 08 Jul 2021 23:18

Tgt Ion:	128	Resp:	1207
Ion Ratio	Lower	Upper	
128	100		
129	19.9	9.0	13.6#
127	21.4	10.9	16.3#

Instrument :
BNA_M
ClientSampled :
BGDR1DL

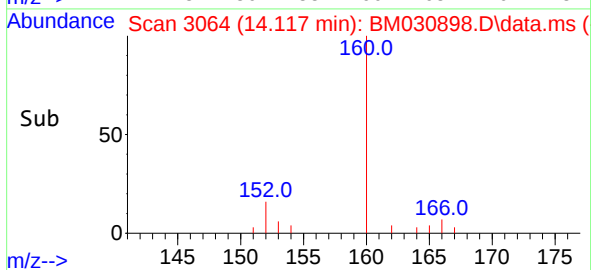
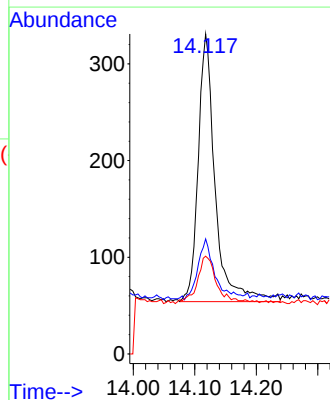
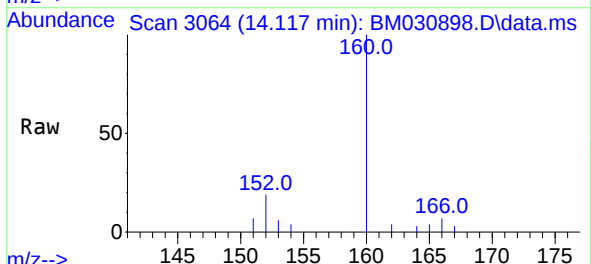
Manual Integrations
APPROVED

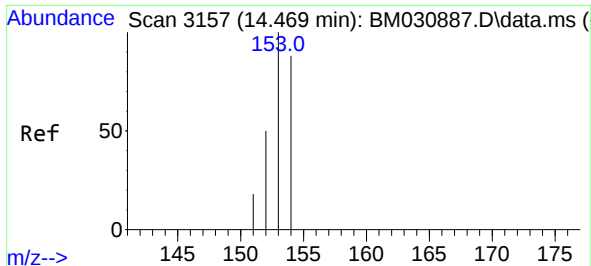
mohammad
7/9/2021 2:48:37 PM



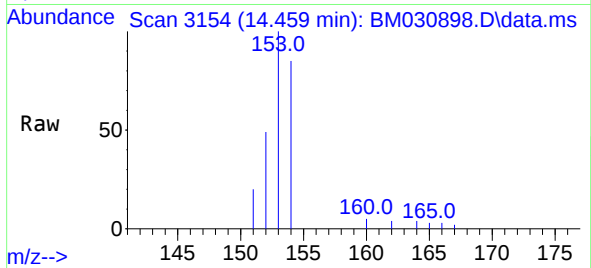
#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 14.117 min Scan# 3064
Delta R.T. -0.008 min
Lab File: BM030898.D
Acq: 08 Jul 2021 23:18

Tgt Ion:	152	Resp:	532
Ion Ratio	Lower	Upper	
152	100		
151	36.0	15.5	23.3#
153	30.5	10.7	16.1#

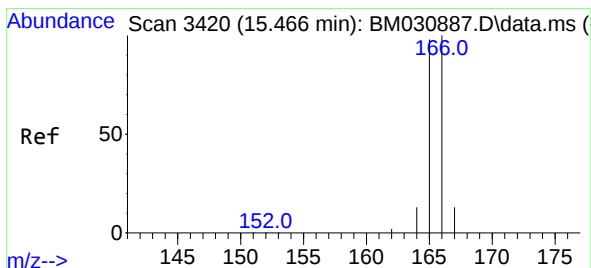
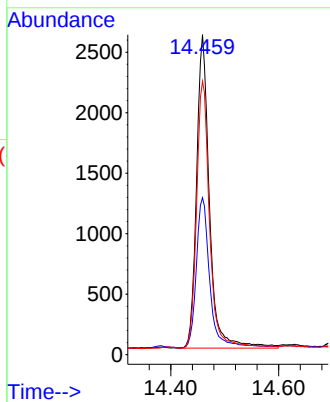
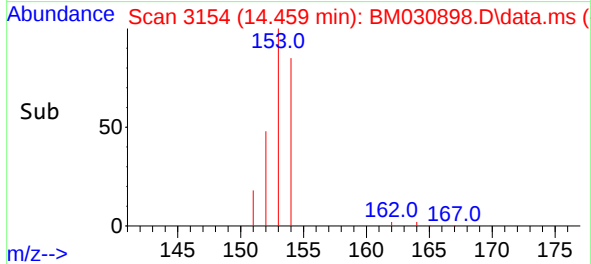




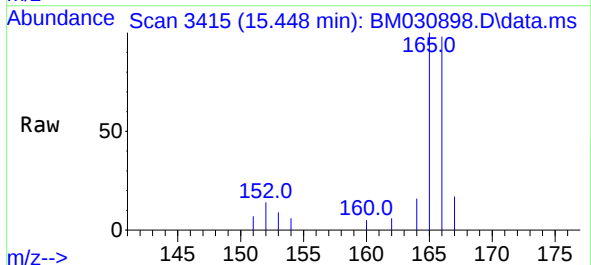
#11
Acenaphthene
Concen: 0.233 ng/ul
RT: 14.459 min Scan# 3154
Delta R.T. -0.008 min
Lab File: BM030898.D
Acq: 08 Jul 2021 23:18



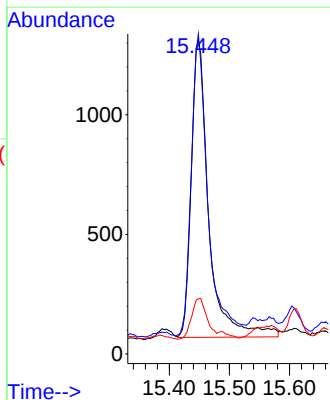
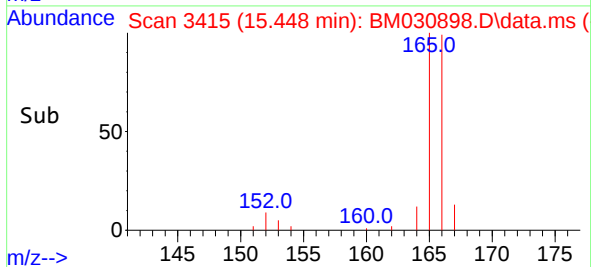
Tgt Ion:153 Resp: 4313
Ion Ratio Lower Upper
153 100
152 49.0 40.2 60.2
154 85.4 71.2 106.8



#12
Fluorene
Concen: 0.123 ng/ul
RT: 15.448 min Scan# 3415
Delta R.T. -0.015 min
Lab File: BM030898.D
Acq: 08 Jul 2021 23:18



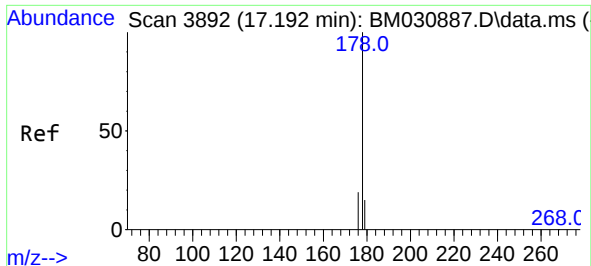
Tgt Ion:166 Resp: 2514
Ion Ratio Lower Upper
166 100
165 102.1 77.7 116.5
167 17.6 11.3 16.9#



Instrument :
BNA_M
ClientSampled :
BGDR1DL

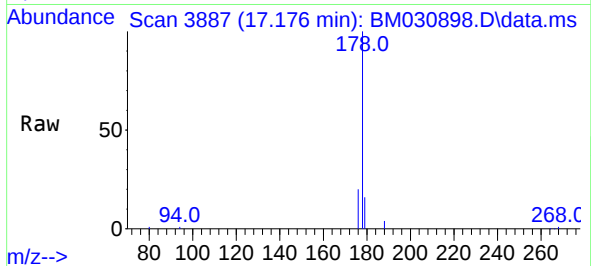
Manual Integrations
APPROVED

mohammad
7/9/2021 2:48:37 PM



#15
Phenanthrene
Concen: 0.756 ng/ul
RT: 17.176 min Scan# 3887
Delta R.T. -0.017 min
Lab File: BM030898.D
Acq: 08 Jul 2021 23:18

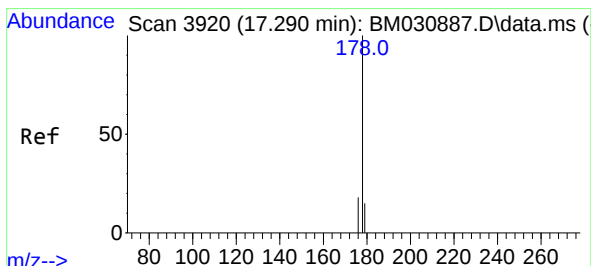
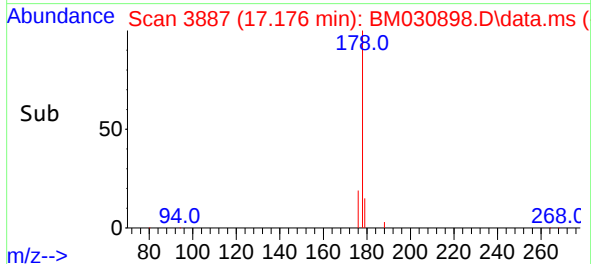
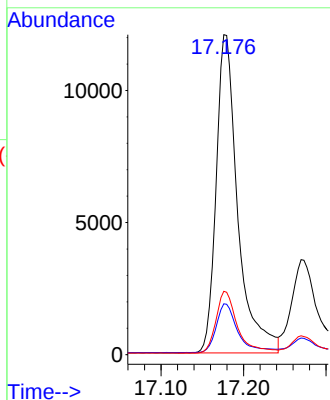
Instrument :
BNA_M
ClientSampled :
BGDR1DL



Tgt Ion:178 Resp: 21951
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.8 15.5 23.3

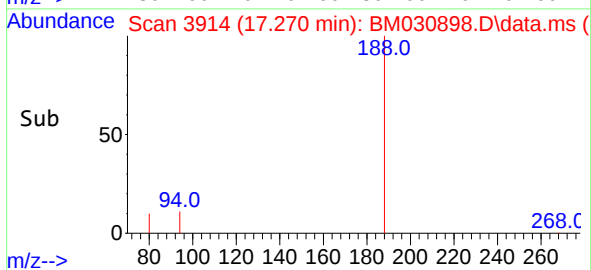
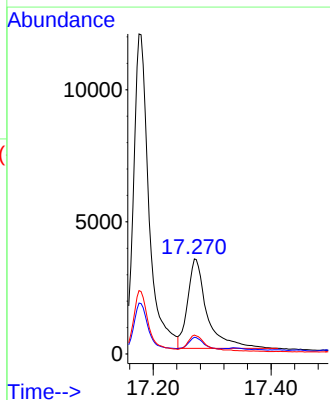
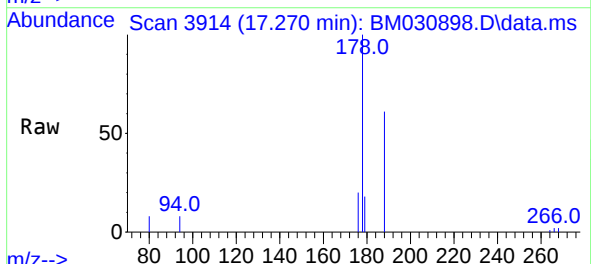
Manual Integrations
APPROVED

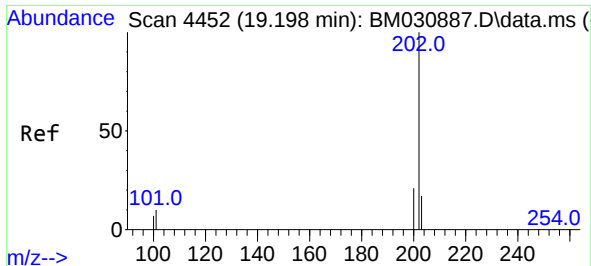
mohammad
7/9/2021 2:48:37 PM



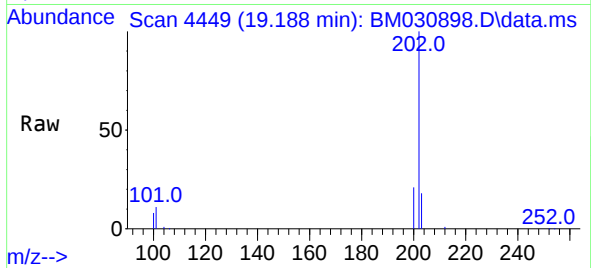
#16
Anthracene
Concen: 0.304 ng/ul
RT: 17.270 min Scan# 3914
Delta R.T. -0.021 min
Lab File: BM030898.D
Acq: 08 Jul 2021 23:18

Tgt Ion:178 Resp: 7742
Ion Ratio Lower Upper
178 100
179 17.5 12.7 19.1
176 19.8 15.2 22.8

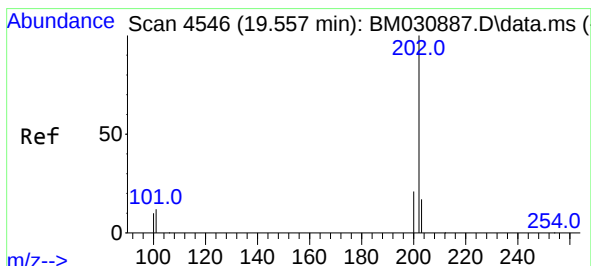
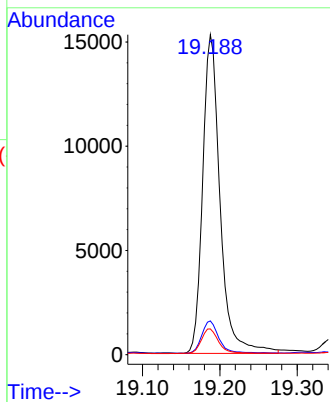
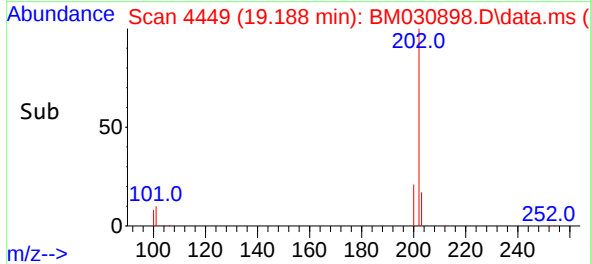




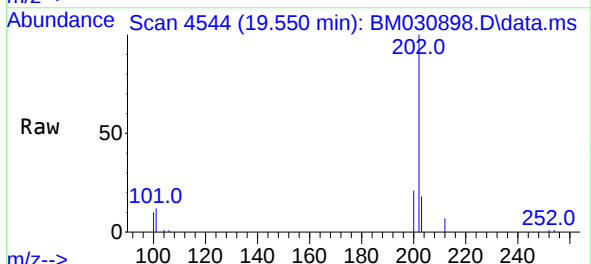
#19
Fluoranthene
Concen: 0.980 ng/u1
RT: 19.188 min Scan# 4449
Delta R.T. -0.011 min
Lab File: BM030898.D
Acq: 08 Jul 2021 23:18



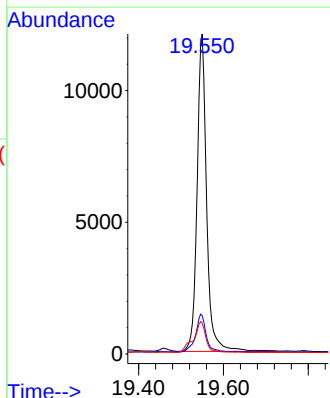
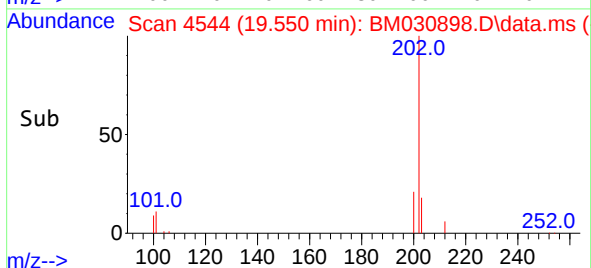
Tgt Ion:202 Resp: 23926
Ion Ratio Lower Upper
202 100
101 10.6 8.8 13.2
100 8.1 6.9 10.3



#20
Pyrene
Concen: 0.769 ng/u1
RT: 19.550 min Scan# 4544
Delta R.T. -0.008 min
Lab File: BM030898.D
Acq: 08 Jul 2021 23:18



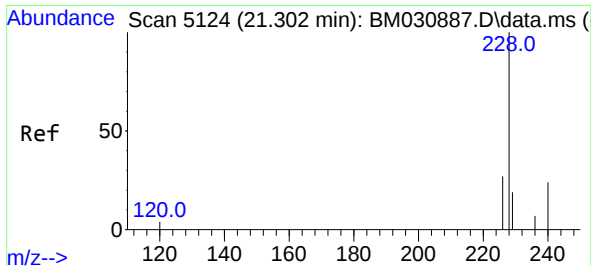
Tgt Ion:202 Resp: 18881
Ion Ratio Lower Upper
202 100
101 11.9 10.1 15.1
100 9.6 8.2 12.2



Instrument :
BNA_M
ClientSampleId :
BGDR1DL

Manual Integrations
APPROVED

mohammad
7/9/2021 2:48:37 PM



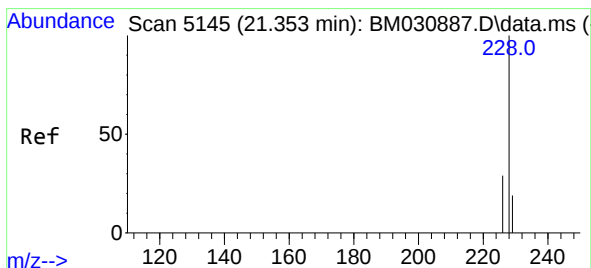
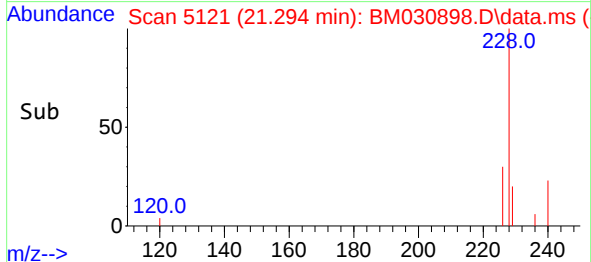
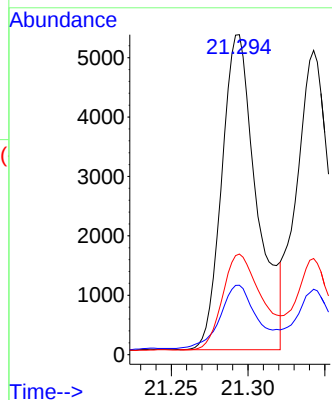
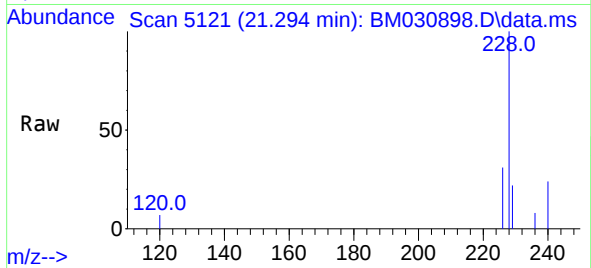
#21
Benzo(a)anthracene
Concen: 0.381 ng/u1
RT: 21.294 min Scan# 5121
Delta R.T. -0.010 min
Lab File: BM030898.D
Acq: 08 Jul 2021 23:18

Tgt Ion:	228	Resp:	8407
Ion Ratio	Lower	Upper	
228	100		
229	21.7	15.8	23.6
226	31.4	22.2	33.4

Instrument :
BNA_M
ClientSampled :
BGDR1DL

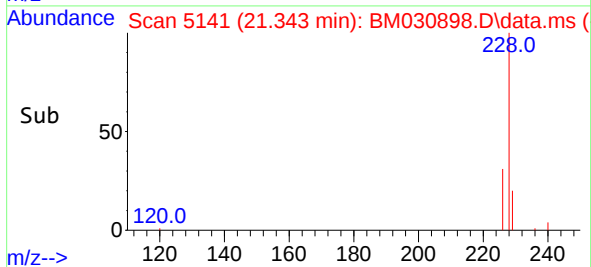
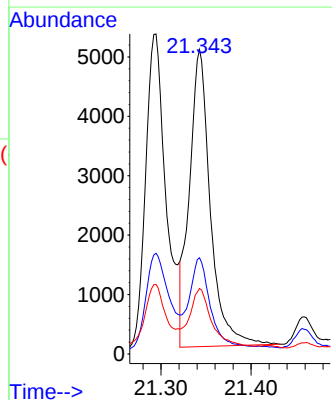
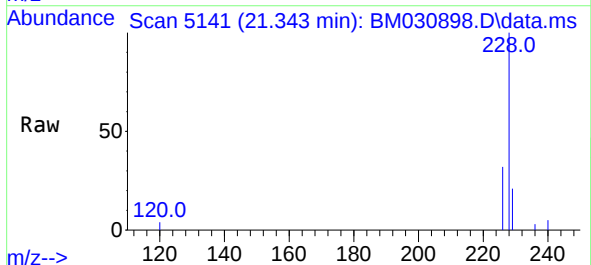
Manual Integrations
APPROVED

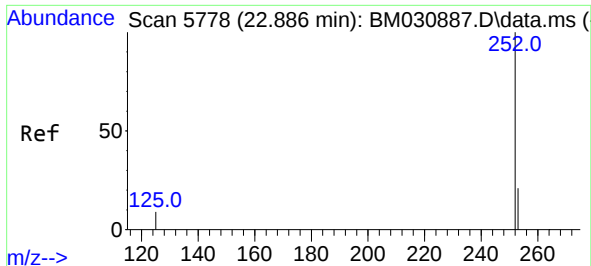
mohammad
7/9/2021 2:48:37 PM



#22
Chrysene
Concen: 0.327 ng/u1
RT: 21.343 min Scan# 5141
Delta R.T. -0.010 min
Lab File: BM030898.D
Acq: 08 Jul 2021 23:18

Tgt Ion:	228	Resp:	8091
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.4	36.6
229	21.5	15.4	23.0





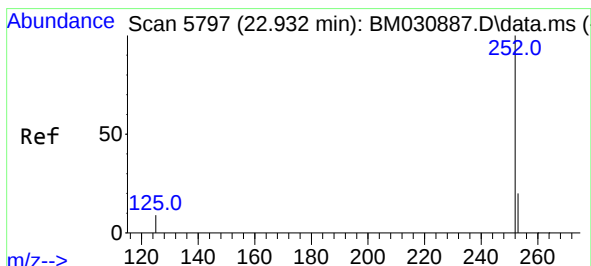
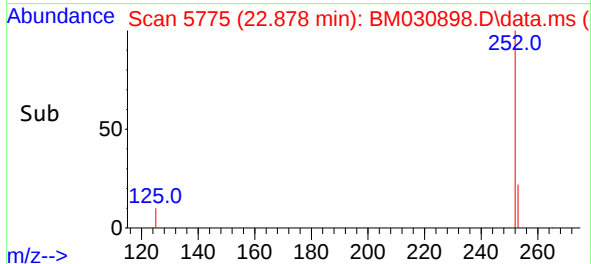
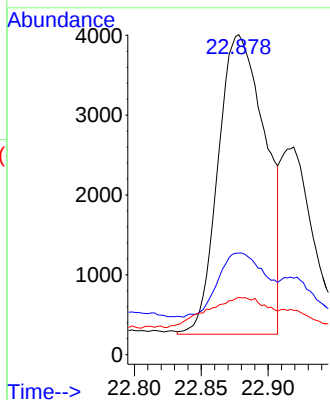
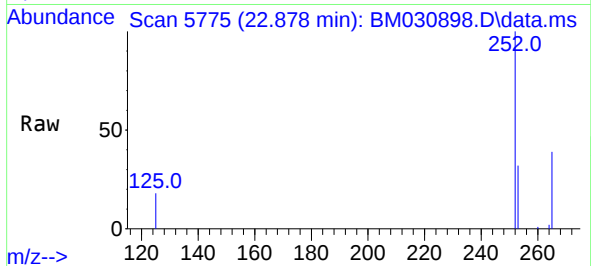
#24
Benzo(b)fluoranthene
Concen: 0.416 ng/ul m
RT: 22.878 min Scan# 5775
Delta R.T. -0.007 min
Lab File: BM030898.D
Acq: 08 Jul 2021 23:18

Tgt Ion:252	Resp:	9191
Ion Ratio	Lower	Upper
252	100	
253	31.7	0.0 50.2
125	17.9	0.0 27.8

Instrument :
BNA_M
ClientSampleId :
BGDR1DL

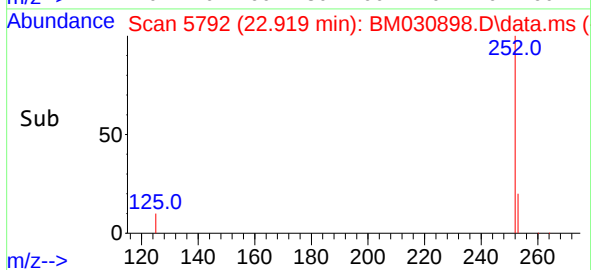
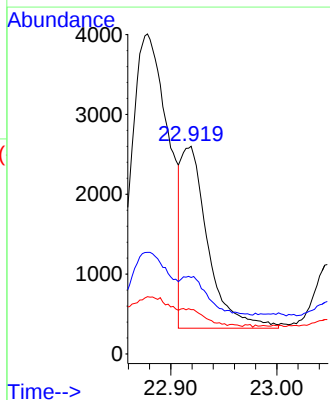
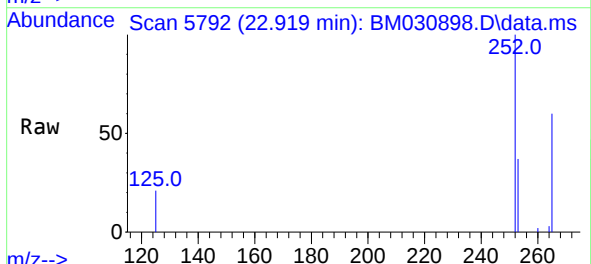
Manual Integrations
APPROVED

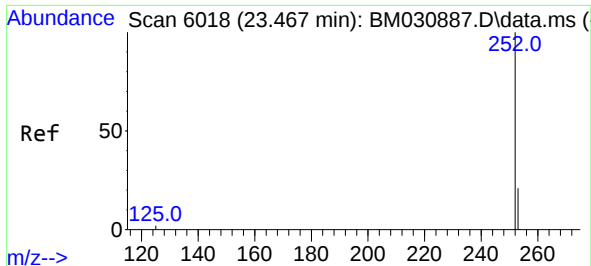
mohammad
7/9/2021 2:48:37 PM



#25
Benzo(k)fluoranthene
Concen: 0.177 ng/ul m
RT: 22.919 min Scan# 5792
Delta R.T. -0.012 min
Lab File: BM030898.D
Acq: 08 Jul 2021 23:18

Tgt Ion:252	Resp:	4034
Ion Ratio	Lower	Upper
252	100	
253	36.9	20.6 31.0#
125	21.3	11.0 16.4#





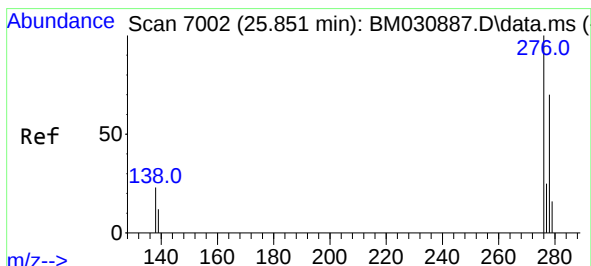
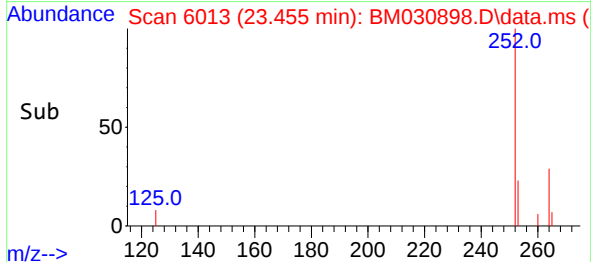
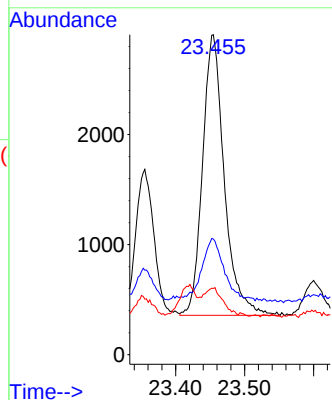
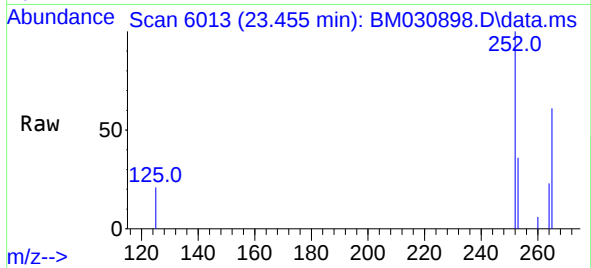
#26
Benzo(a)pyrene
Concen: 0.297 ng/ul
RT: 23.455 min Scan# 6013
Delta R.T. -0.015 min
Lab File: BM030898.D
Acq: 08 Jul 2021 23:18

Tgt Ion:	252	Resp:	5580
Ion Ratio	Lower	Upper	
252	100		
253	36.2	22.0	33.0#
125	20.7	13.4	20.2#

Instrument :
BNA_M
ClientSampleId :
BGDR1DL

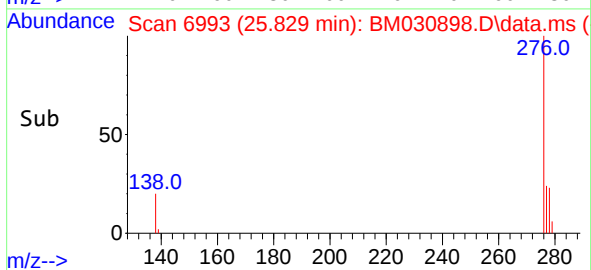
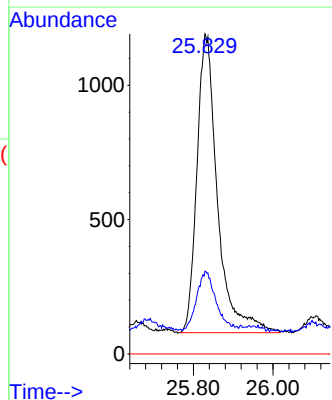
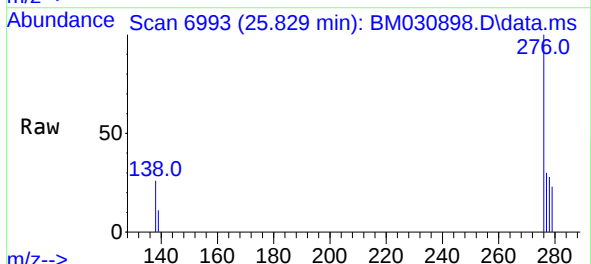
Manual Integrations
APPROVED

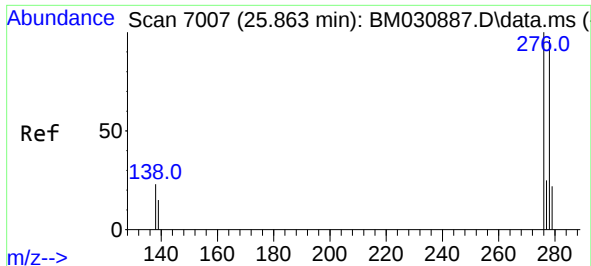
mohammad
7/9/2021 2:48:37 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.163 ng/ul
RT: 25.829 min Scan# 6993
Delta R.T. -0.024 min
Lab File: BM030898.D
Acq: 08 Jul 2021 23:18

Tgt Ion:	276	Resp:	4005
Ion Ratio	Lower	Upper	
276	100		
138	18.6	19.1	28.7#
227	0.0	0.0	0.0





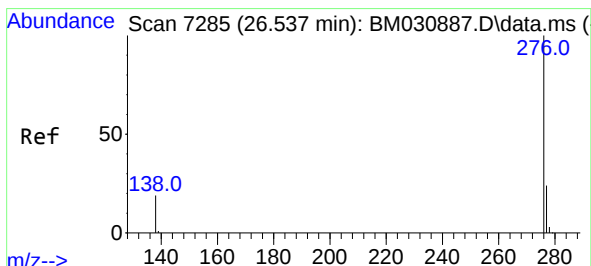
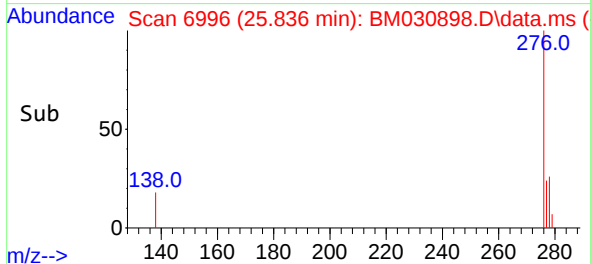
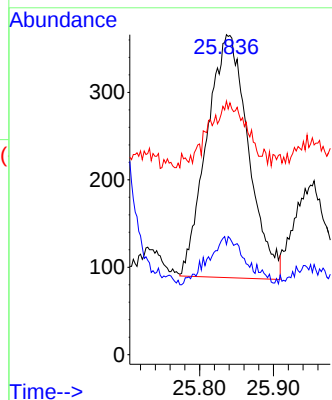
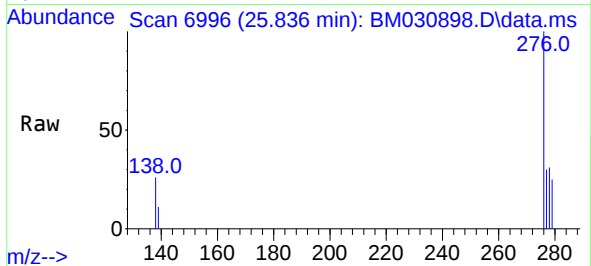
#28
Dibenzo(a,h)anthracene
Concen: 0.055 ng/ul
RT: 25.836 min Scan# 6996
Delta R.T. -0.031 min
Lab File: BM030898.D
Acq: 08 Jul 2021 23:18

Tgt Ion: 278 Resp: 1084
Ion Ratio Lower Upper
278 100
139 34.4 14.2 21.4#
279 79.2 21.6 32.4#

Instrument :
BNA_M
ClientSampled :
BGDR1DL

Manual Integrations
APPROVED

mohammad
7/9/2021 2:48:37 PM



#29
Benzo(g,h,i)perylene
Concen: 0.028 ng/ul
RT: 26.529 min Scan# 7282
Delta R.T. -0.010 min
Lab File: BM030898.D
Acq: 08 Jul 2021 23:18

Tgt Ion: 276 Resp: 602
Ion Ratio Lower Upper
276 100
138 51.1 18.0 27.0#
277 55.7 19.5 29.3#

