

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031297.D
 Acq On : 31 Jul 2021 05:19
 Operator : CG/JU
 Sample : M3091-19
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0057

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:40:54 PM

Quant Time: Jul 31 06:00:26 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 : Sat Jul 31 05:54:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	1471	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	5485	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.239	164	3348	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	6532	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.173	240	5314	0.400	ng/ul	# 0.00
23) Perylene-d12	23.336	264	5476	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	3318	2.031	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	1242	0.134	ng/ul	0.00
18) Fluoranthene-d10	19.016	212	2695	0.152	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.419	128	1079	0.066	ng/ul#	86
7) 2-Methylnaphthalene	12.038	142	2162	0.194	ng/ul	99
8) 1-Methylnaphthalene	12.263	142	1486	0.135	ng/ul	99
10) Acenaphthylene	13.959	152	464	0.033	ng/ul#	70
12) Fluorene	15.293	166	319	0.023	ng/ul#	61
15) Phenanthrene	17.027	178	7677	0.370	ng/ul	99
16) Anthracene	17.117	178	418	0.022	ng/ul#	67
19) Fluoranthene	19.046	202	5707	0.252	ng/ul#	92
20) Pyrene	19.409	202	5432	0.236	ng/ul#	91
21) Benzo(a)anthracene	21.159	228	2333	0.109	ng/ul#	79
22) Chrysene	21.210	228	6760	0.304	ng/ul#	95
24) Benzo(b)fluoranthene	22.694	252	5067m	0.205	ng/ul	
25) Benzo(k)fluoranthene	22.737	252	1360m	0.053	ng/ul	
26) Benzo(a)pyrene	23.244	252	2443	0.113	ng/ul#	54
27) Indeno(1,2,3-cd)pyrene	25.480	276	1929	0.069	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.490	278	706	0.031	ng/ul#	1
29) Benzo(g,h,i)perylene	26.137	276	1925	0.081	ng/ul#	79

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

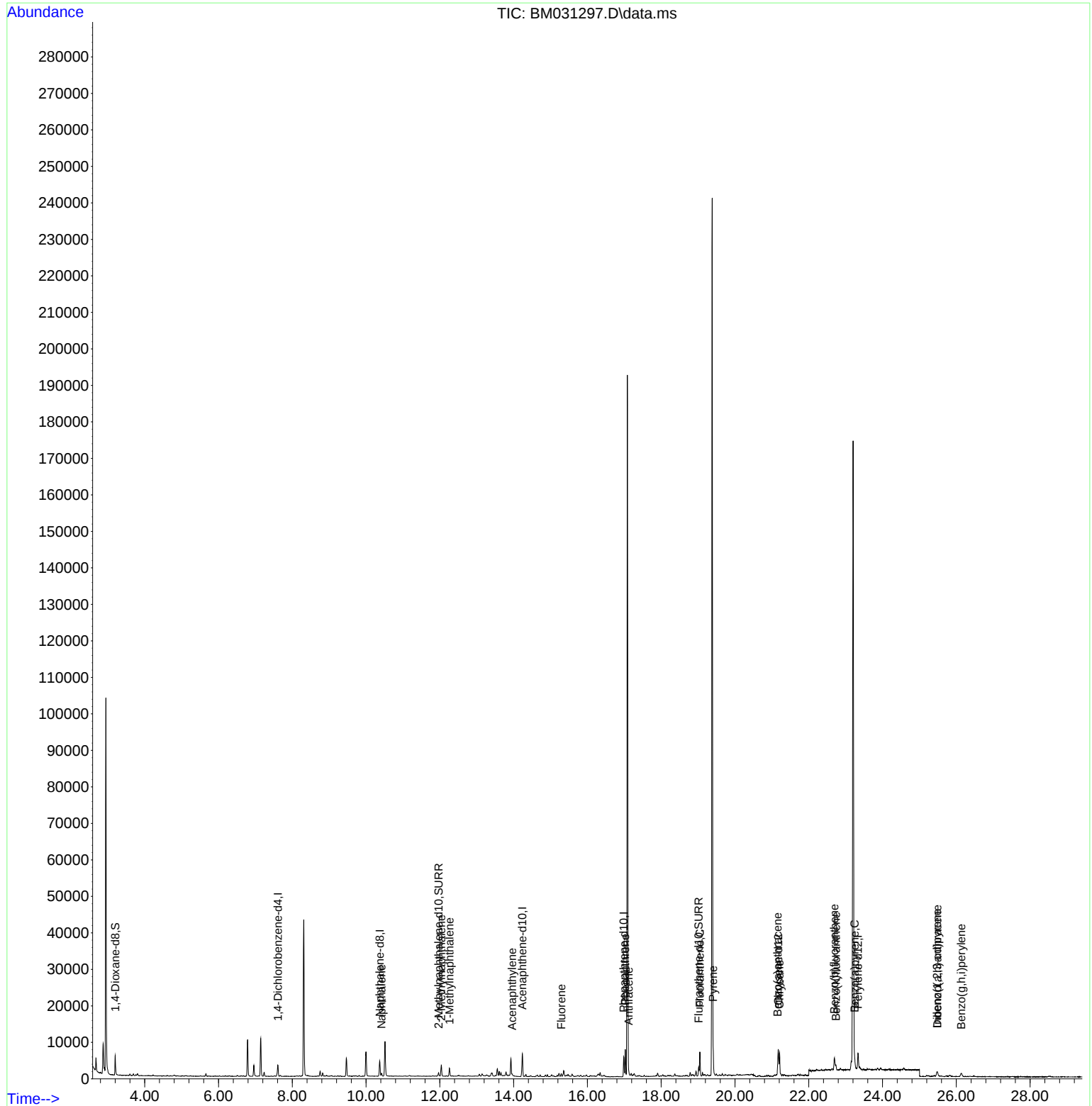
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031297.D
Acq On : 31 Jul 2021 05:19
Operator : CG/JU
Sample : M3091-19
Misc :
ALS Vial : 62 Sample Multiplier: 1

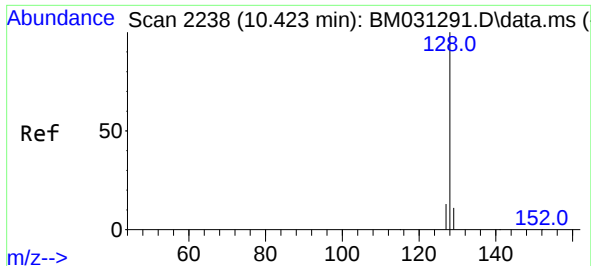
Instrument :
BNA_M
ClientSampleId :
C0057

Manual Integrations
APPROVED

mohammad
8/2/2021 3:40:54 PM

Quant Time: Jul 31 06:00:26 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 : Sat Jul 31 05:54:32 2021
Response via : Initial Calibration





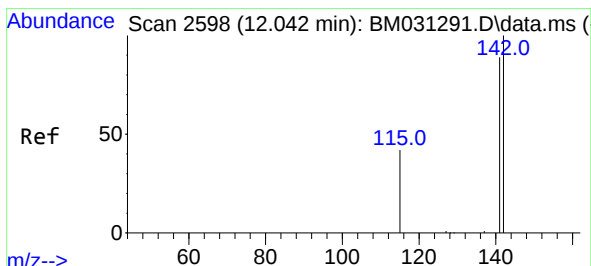
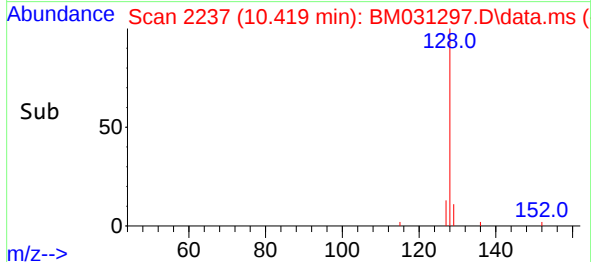
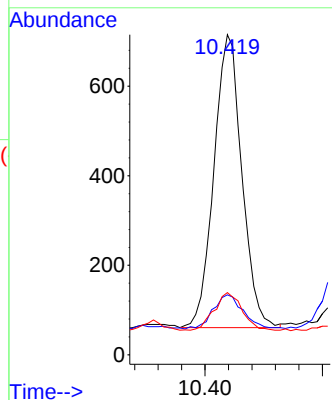
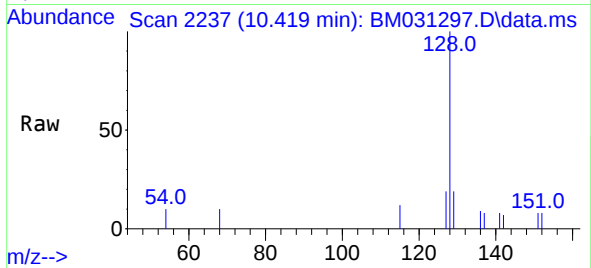
#5
Naphthalene
Concen: 0.066 ng/ul
RT: 10.419 min Scan# 2237
Delta R.T. -0.004 min
Lab File: BM031297.D
Acq: 31 Jul 2021 05:19

Tgt Ion:128 Resp: 1079
Ion Ratio Lower Upper
128 100
129 18.7 10.0 15.0#
127 19.4 11.6 17.4#

Instrument :
BNA_M
ClientSampled :
C0057

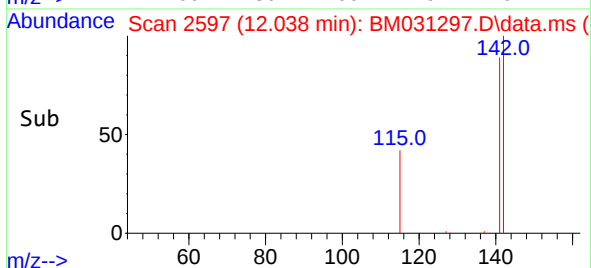
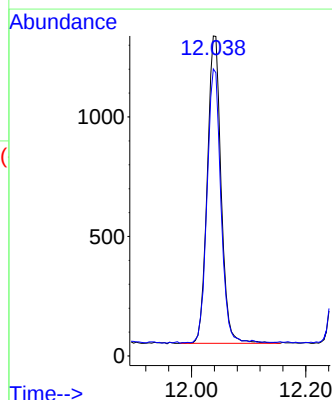
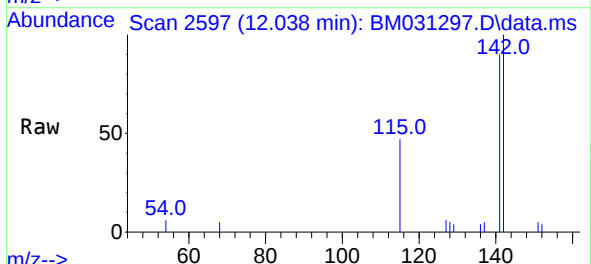
Manual Integrations
APPROVED

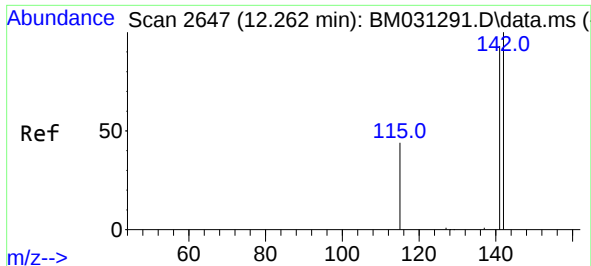
mohammad
8/2/2021 3:40:54 PM



#7
2-Methylnaphthalene
Concen: 0.194 ng/ul
RT: 12.038 min Scan# 2597
Delta R.T. -0.004 min
Lab File: BM031297.D
Acq: 31 Jul 2021 05:19

Tgt Ion:142 Resp: 2162
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.0





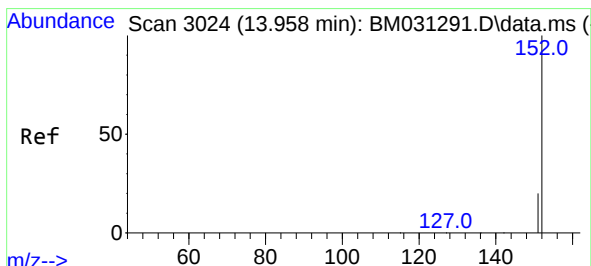
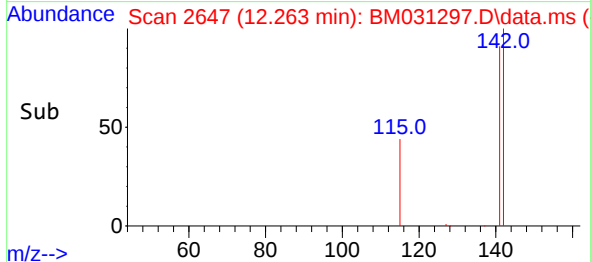
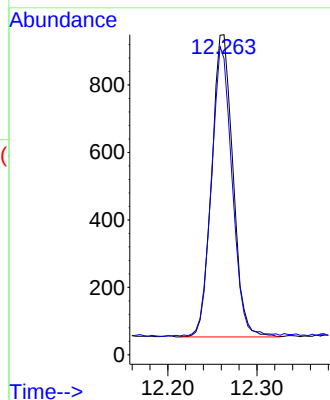
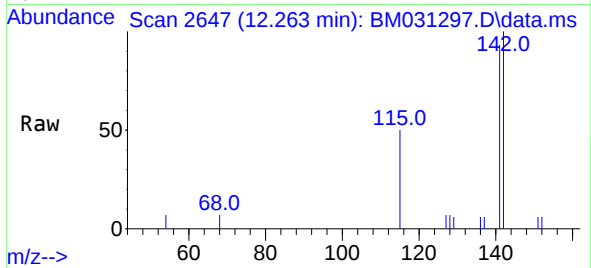
#8
1-Methylnaphthalene
Concen: 0.135 ng/ul
RT: 12.263 min Scan# 2647
Delta R.T. -0.004 min
Lab File: BM031297.D
Acq: 31 Jul 2021 05:19

Tgt Ion:142 Resp: 1486
Ion Ratio Lower Upper
142 100
141 93.5 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C0057

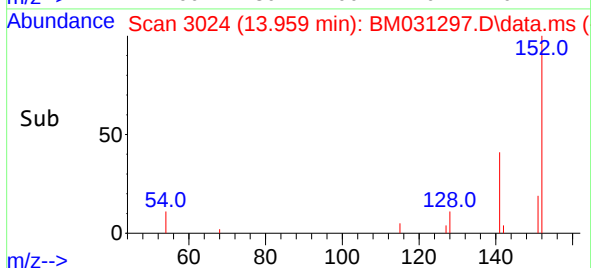
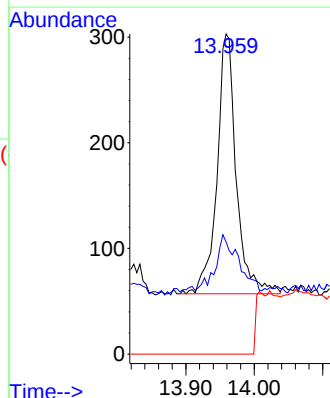
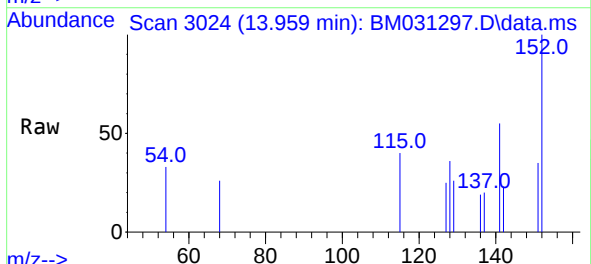
Manual Integrations
APPROVED

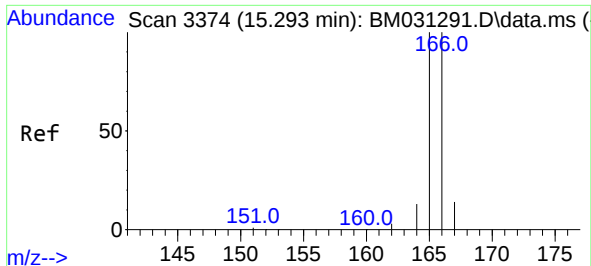
mohammad
8/2/2021 3:40:54 PM



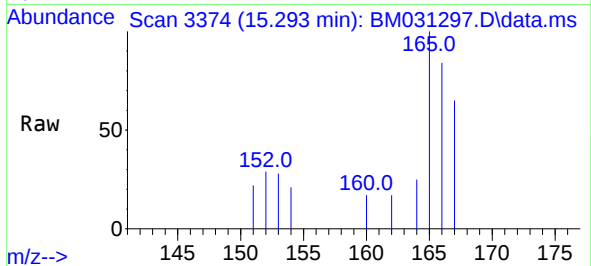
#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 13.959 min Scan# 3024
Delta R.T. -0.004 min
Lab File: BM031297.D
Acq: 31 Jul 2021 05:19

Tgt Ion:152 Resp: 464
Ion Ratio Lower Upper
152 100
151 35.0 16.9 25.3#
153 0.0 0.0 0.0

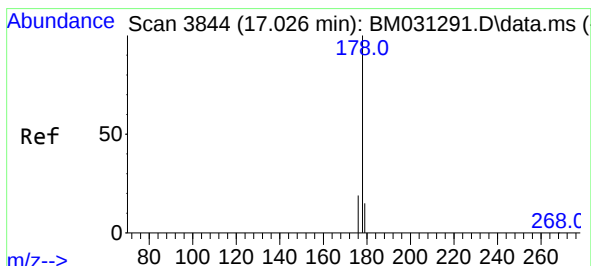
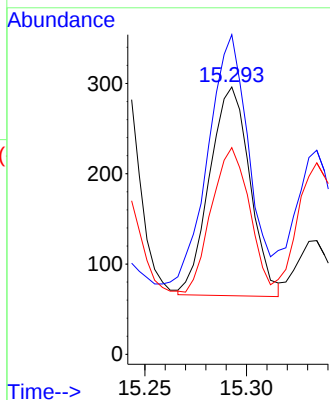
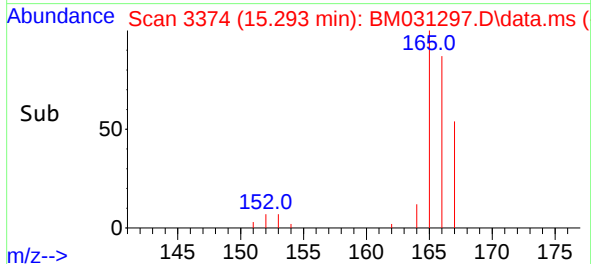




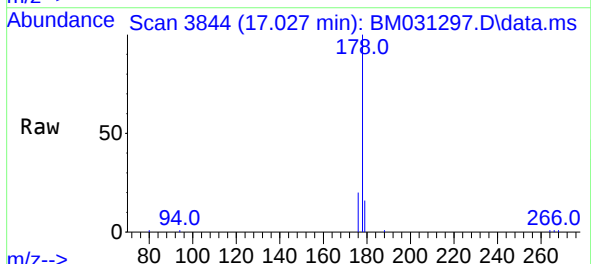
#12
Fluorene
Concen: 0.023 ng/ul
RT: 15.293 min Scan# 3374
Delta R.T. -0.004 min
Lab File: BM031297.D
Acq: 31 Jul 2021 05:19



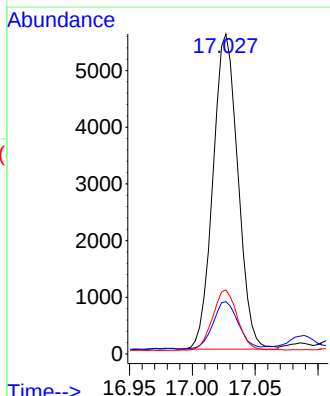
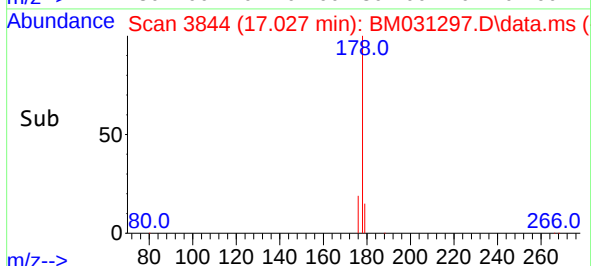
Tgt Ion:166 Resp: 319
Ion Ratio Lower Upper
166 100
165 119.6 78.0 117.0#
167 77.4 12.0 18.0#



#15
Phenanthrene
Concen: 0.370 ng/ul
RT: 17.027 min Scan# 3844
Delta R.T. -0.003 min
Lab File: BM031297.D
Acq: 31 Jul 2021 05:19



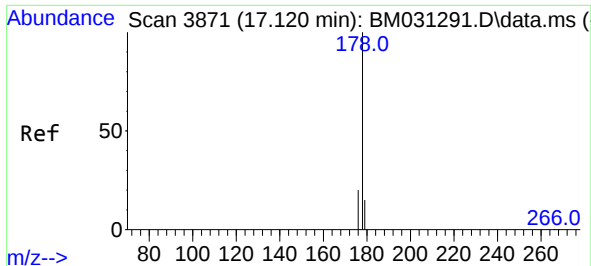
Tgt Ion:178 Resp: 7677
Ion Ratio Lower Upper
178 100
179 16.4 13.3 19.9
176 20.0 16.2 24.4



Instrument :
BNA_M
ClientSampled :
C0057

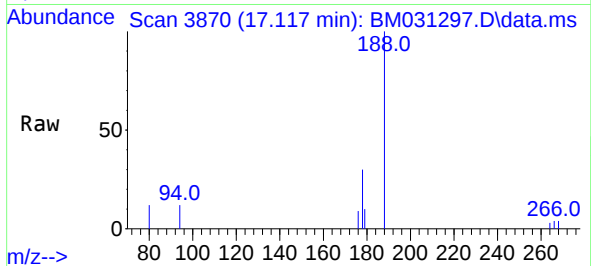
Manual Integrations
APPROVED

mohammad
8/2/2021 3:40:54 PM



#16
 Anthracene
 Concen: 0.022 ng/ul
 RT: 17.117 min Scan# 3870
 Delta R.T. -0.003 min
 Lab File: BM031297.D
 Acq: 31 Jul 2021 05:19

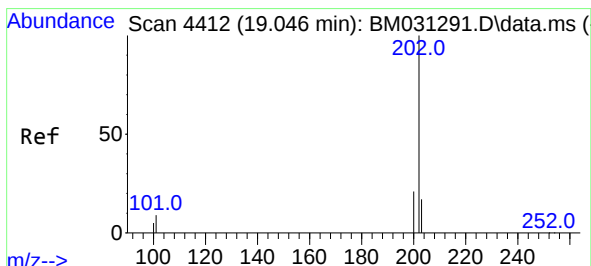
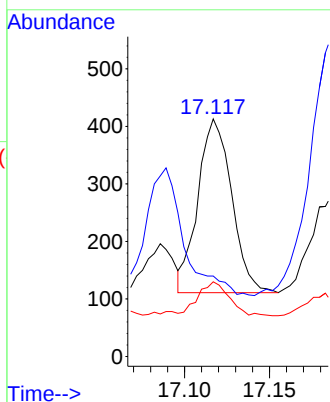
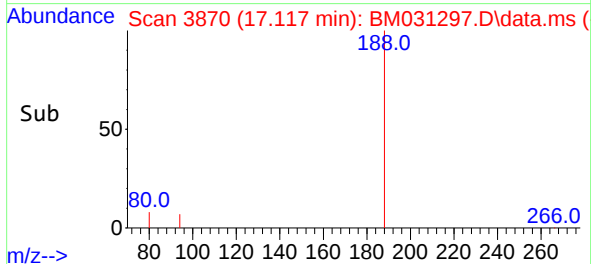
Instrument :
 BNA_M
 ClientSampled :
 C0057



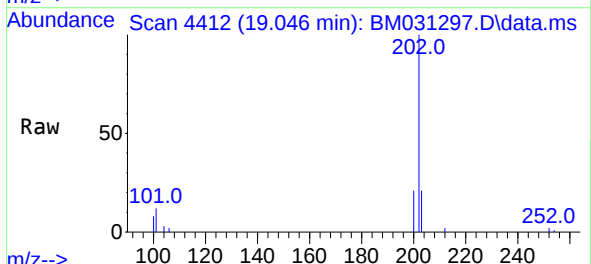
Tgt Ion:178 Resp: 418
 Ion Ratio Lower Upper
 178 100
 179 33.9 13.0 19.6#
 176 31.5 15.6 23.4#

Manual Integrations
 APPROVED

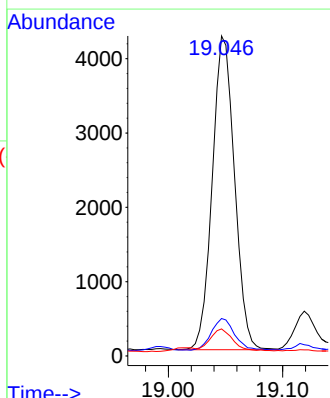
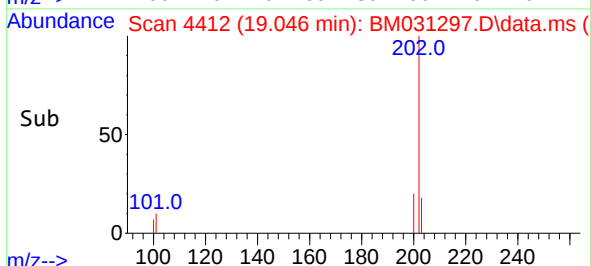
mohammad
 8/2/2021 3:40:54 PM

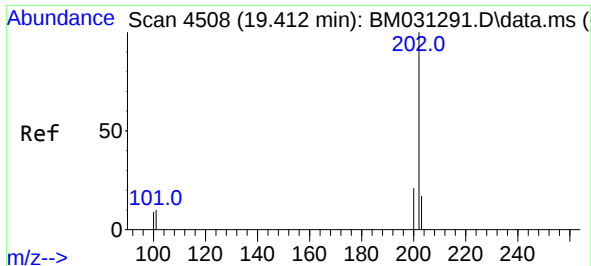


#19
 Fluoranthene
 Concen: 0.252 ng/ul
 RT: 19.046 min Scan# 4412
 Delta R.T. -0.004 min
 Lab File: BM031297.D
 Acq: 31 Jul 2021 05:19



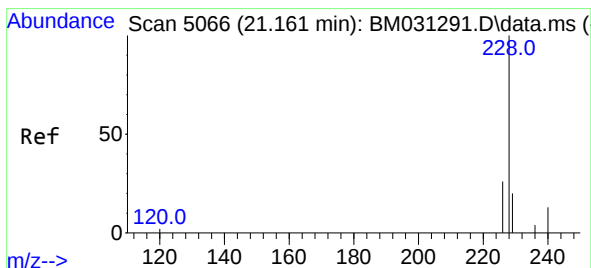
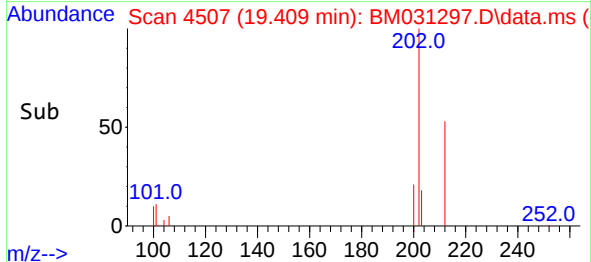
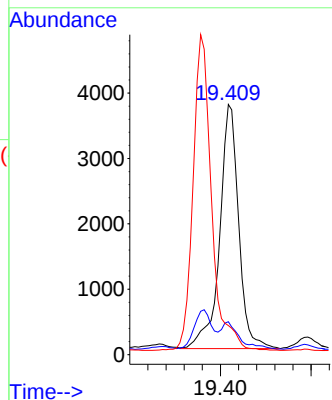
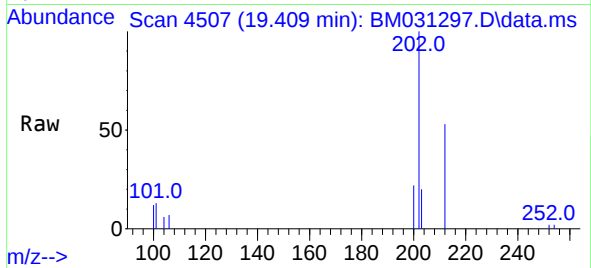
Tgt Ion:202 Resp: 5707
 Ion Ratio Lower Upper
 202 100
 101 11.7 6.6 10.0#
 100 8.5 5.4 8.0#





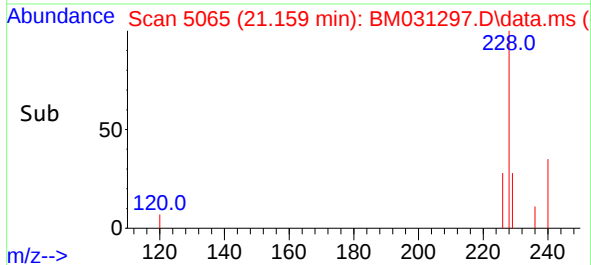
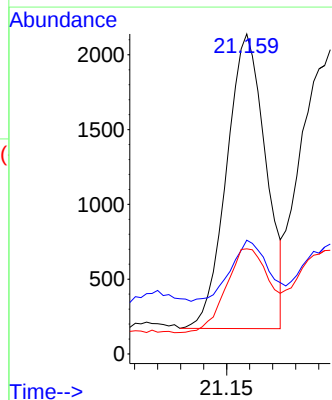
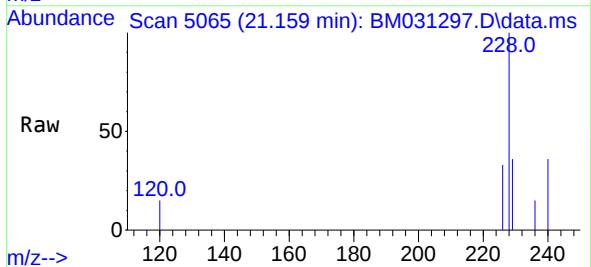
#20
Pyrene
Concen: 0.236 ng/ul
RT: 19.409 min Scan# 4507
Delta R.T. -0.004 min
Lab File: BM031297.D
Acq: 31 Jul 2021 05:19

Tgt Ion:	202	Resp:	5432
Ion	Ratio	Lower	Upper
202	100		
101	13.2	7.8	11.6#
100	11.6	6.6	10.0#



#21
Benzo(a)anthracene
Concen: 0.109 ng/ul
RT: 21.159 min Scan# 5065
Delta R.T. -0.002 min
Lab File: BM031297.D
Acq: 31 Jul 2021 05:19

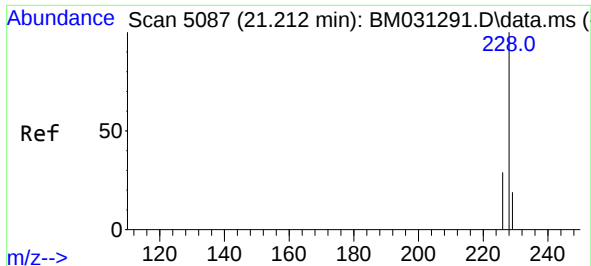
Tgt Ion:	228	Resp:	2333
Ion	Ratio	Lower	Upper
228	100		
229	35.6	15.6	23.4#
226	32.9	21.7	32.5#



Instrument :
BNA_M
ClientSampleId :
C0057

Manual Integrations
APPROVED

mohammad
8/2/2021 3:40:54 PM



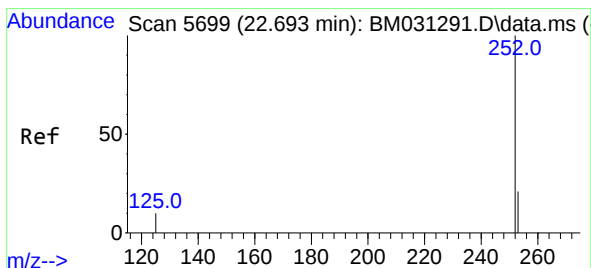
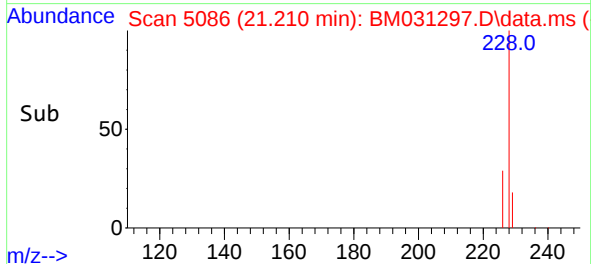
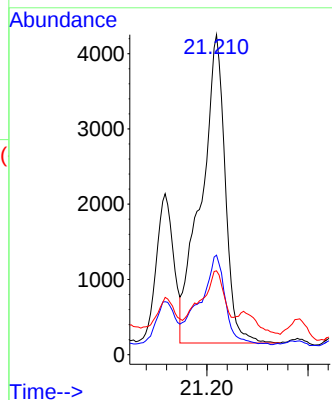
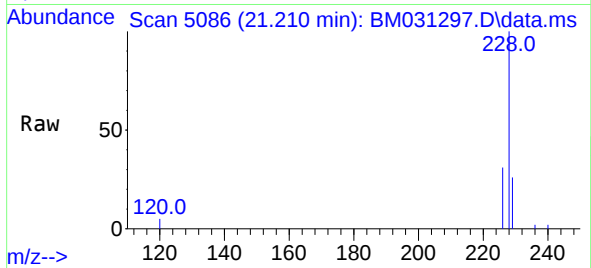
#22
Chrysene
Concen: 0.304 ng/ul
RT: 21.210 min Scan# 5086
Delta R.T. -0.005 min
Lab File: BM031297.D
Acq: 31 Jul 2021 05:19

Tgt Ion:	228	Resp:	6760
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1
229	26.2	16.2	24.2#

Instrument :
BNA_M
ClientSampled :
C0057

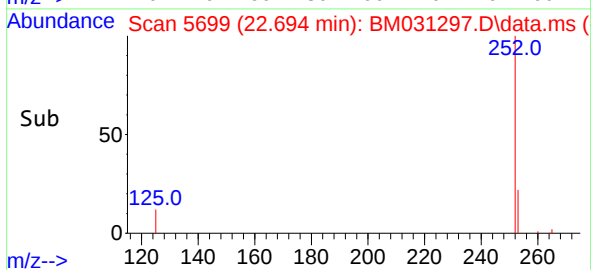
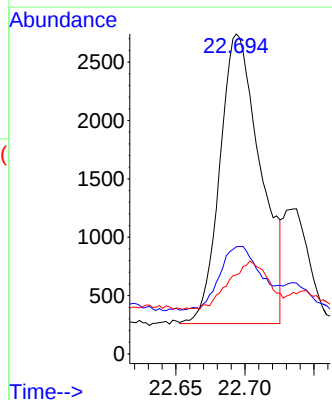
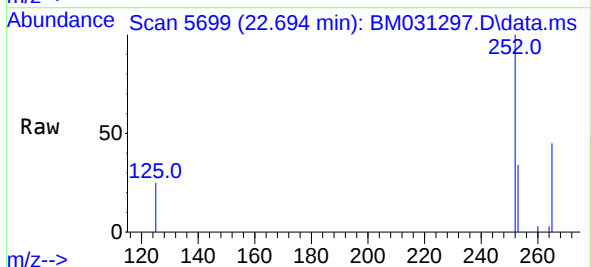
Manual Integrations
APPROVED

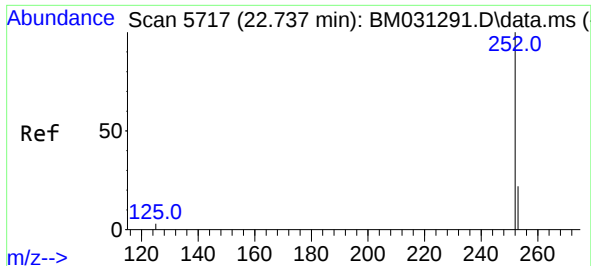
mohammad
8/2/2021 3:40:54 PM



#24
Benzo(b)fluoranthene
Concen: 0.205 ng/ul m
RT: 22.694 min Scan# 5699
Delta R.T. -0.005 min
Lab File: BM031297.D
Acq: 31 Jul 2021 05:19

Tgt Ion:	252	Resp:	5067
Ion	Ratio	Lower	Upper
252	100		
253	33.5	0.0	53.0
125	24.7	0.0	22.8#





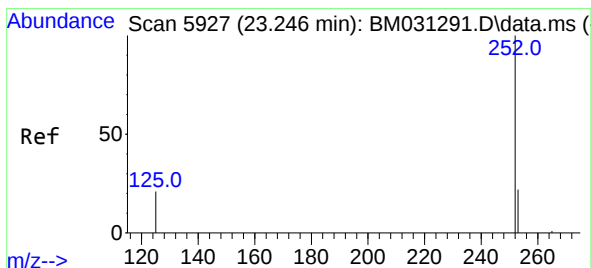
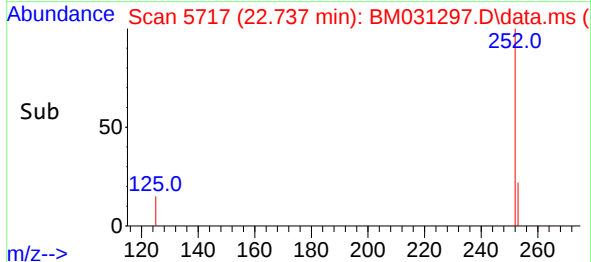
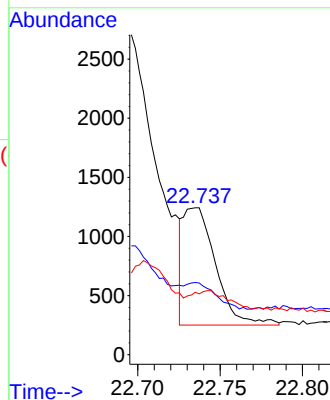
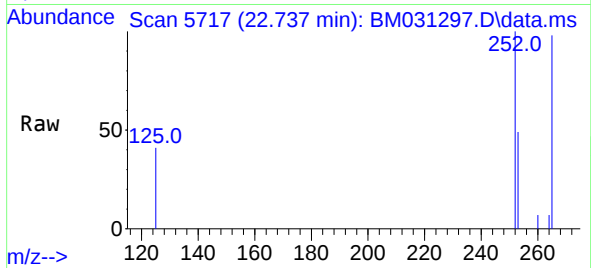
#25
Benzo(k)fluoranthene
Concen: 0.053 ng/ul m
RT: 22.737 min Scan# 5717
Delta R.T. -0.002 min
Lab File: BM031297.D
Acq: 31 Jul 2021 05:19

Tgt Ion:252 Resp: 1360
Ion Ratio Lower Upper
252 100
253 48.8 21.3 31.9#
125 41.4 8.8 13.2#

Instrument :
BNA_M
ClientSampled :
C0057

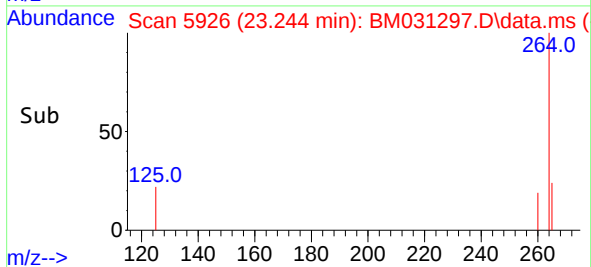
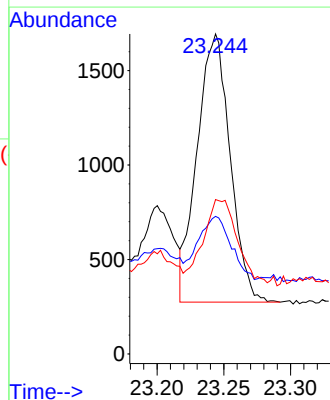
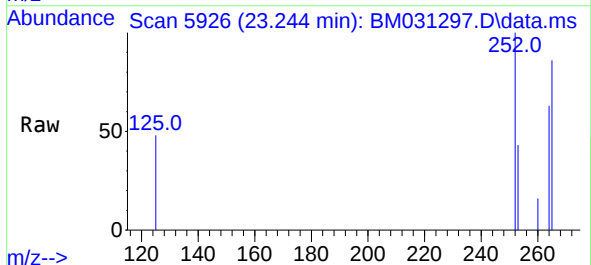
Manual Integrations
APPROVED

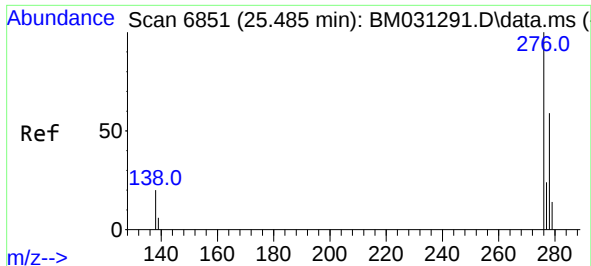
mohammad
8/2/2021 3:40:54 PM



#26
Benzo(a)pyrene
Concen: 0.113 ng/ul
RT: 23.244 min Scan# 5926
Delta R.T. -0.005 min
Lab File: BM031297.D
Acq: 31 Jul 2021 05:19

Tgt Ion:252 Resp: 2443
Ion Ratio Lower Upper
252 100
253 43.0 22.4 33.6#
125 48.2 13.0 19.4#





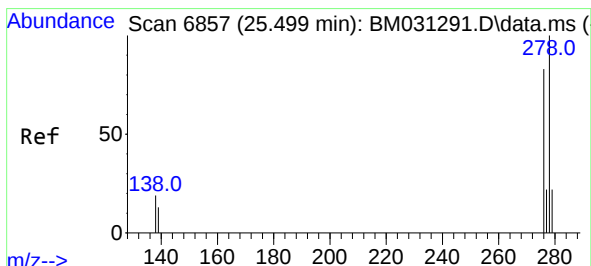
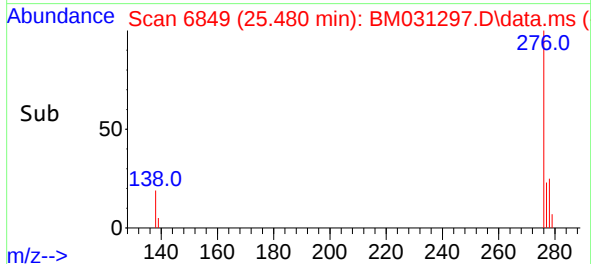
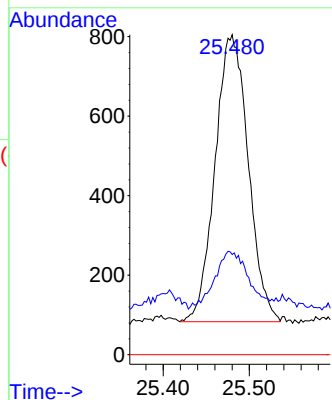
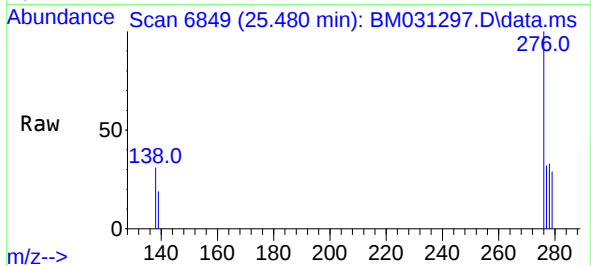
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.069 ng/ul
RT: 25.480 min Scan# 6849
Delta R.T. -0.009 min
Lab File: BM031297.D
Acq: 31 Jul 2021 05:19

Tgt Ion:276 Resp: 1929
Ion Ratio Lower Upper
276 100
138 21.3 15.8 23.8
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampleId :
C0057

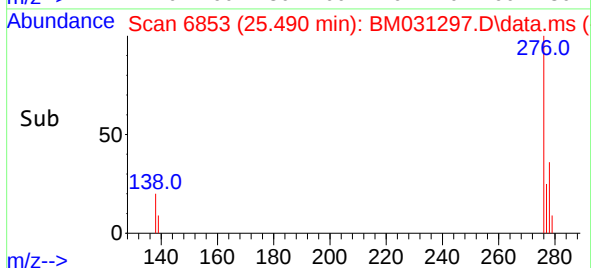
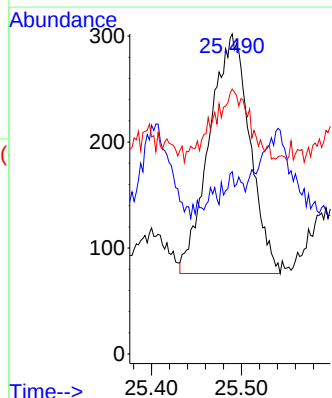
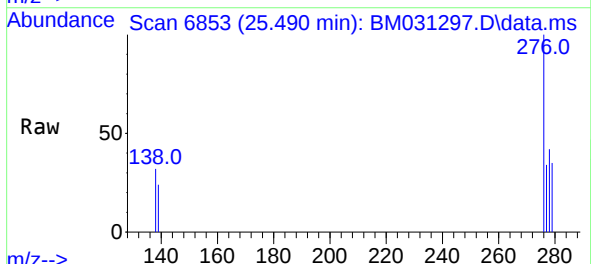
Manual Integrations
APPROVED

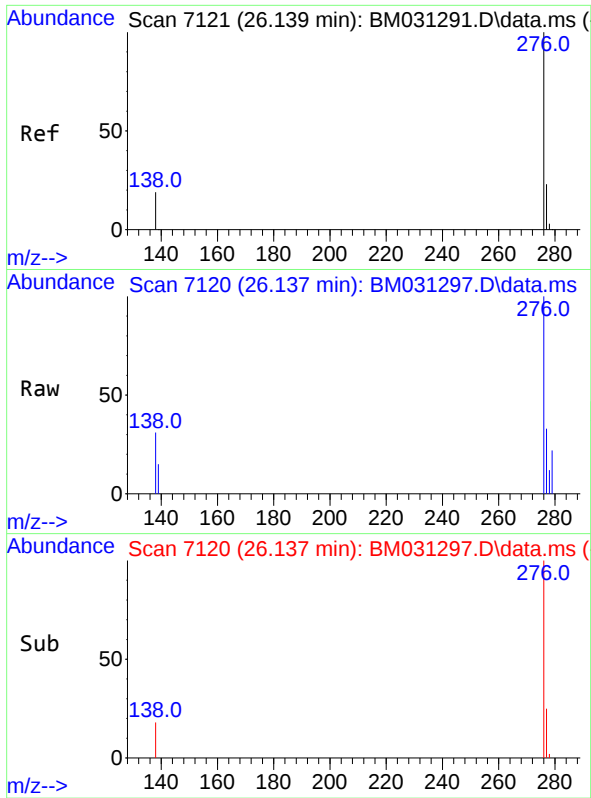
mohammad
8/2/2021 3:40:54 PM



#28
Dibenzo(a,h)anthracene
Concen: 0.031 ng/ul
RT: 25.490 min Scan# 6853
Delta R.T. -0.014 min
Lab File: BM031297.D
Acq: 31 Jul 2021 05:19

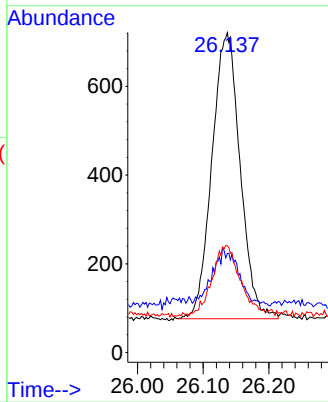
Tgt Ion:278 Resp: 706
Ion Ratio Lower Upper
278 100
139 57.0 13.3 19.9#
279 82.8 22.8 34.2#





#29
Benzo(g,h,i)perylene
Concen: 0.081 ng/ul
RT: 26.137 min Scan# 7120
Delta R.T. -0.007 min
Lab File: BM031297.D
Acq: 31 Jul 2021 05:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.9	15.4	23.2#
277	33.4	19.9	29.9#



Instrument :
BNA_M
ClientSampled :
C0057

Manual Integrations
APPROVED

mohammad
8/2/2021 3:40:54 PM