

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
 Data File : BM030548.D
 Acq On : 23 Jun 2021 12:00
 Operator : CG/JU
 Sample : M2662-08DL 2X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDB2DL

Manual Integrations
 APPROVED

mohammad

Quant Time: Jun 23 12:40:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 22 15:07:37 2021
 Response via : Initial Calibration

6/23/2021 4:49:17 PM

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	212563	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	902578	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	601223	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.174	188	1242586	20.000	ng/u1	0.00
79) Chrysene-d12	21.344	240	1012670	20.000	ng/u1	0.00
88) Perylene-d12	23.615	264	896397	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	6082	1.160	ng/uL	0.00
4) Pyridine-d5	3.722	84	44778	3.179	ng/u1	0.02
7) Phenol-d5	6.975	99	112219	6.121	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	74519	6.467	ng/u1	0.00
11) 2-Chlorophenol-d4	7.339	132	93304	6.594	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	93582	6.560	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	41673	6.187	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	43360	5.793	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	89481	6.241	ng/u1	0.00
31) 4-Chloroaniline-d4	10.733	131	96926	4.847	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	288964	6.961	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	343314	6.371	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	14101	1.793	ng/u1	0.00
60) Fluorene-d10	15.427	176	260656	7.079	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	14907	1.834	ng/u1	0.00
73) Anthracene-d10	17.274	188	399435	6.888	ng/u1	0.00
81) Pyrene-d10	19.562	212	244387	4.606	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.468	264	97507	2.092	ng/u1	-0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.157	152	125693	2.515	ng/u1	97
52) Acenaphthene	14.498	153	54340	1.498	ng/u1	98
56) Dibenzofuran	14.833	168	126070	2.493	ng/u1	99
61) Fluorene	15.480	166	238793	5.730	ng/u1	98
72) Phenanthrene	17.215	178	2455888	36.804	ng/u1	99
74) Anthracene	17.309	178	856158	12.549	ng/u1	99
80) Fluoranthene	19.233	202	3060987	47.234	ng/u1	97
82) Pyrene	19.592	202	1197504	17.586	ng/u1	98
85) Benzo(a)anthracene	21.327	228	1102271	17.539	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.256	149	57570	1.786	ng/u1	99
87) Chrysene	21.380	228	827098	13.500	ng/u1	97
90) Benzo(b)fluoranthene	22.933	252	819508	14.400	ng/u1	98
91) Benzo(k)fluoranthene	22.974	252	316128m	5.780	ng/u1	
93) Benzo(a)pyrene	23.515	252	171460	3.351	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	25.915	276	152019	2.360	ng/u1	96
95) Dibenzo(a,h)anthracene	25.909	278	96739	1.811	ng/u1#	84

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

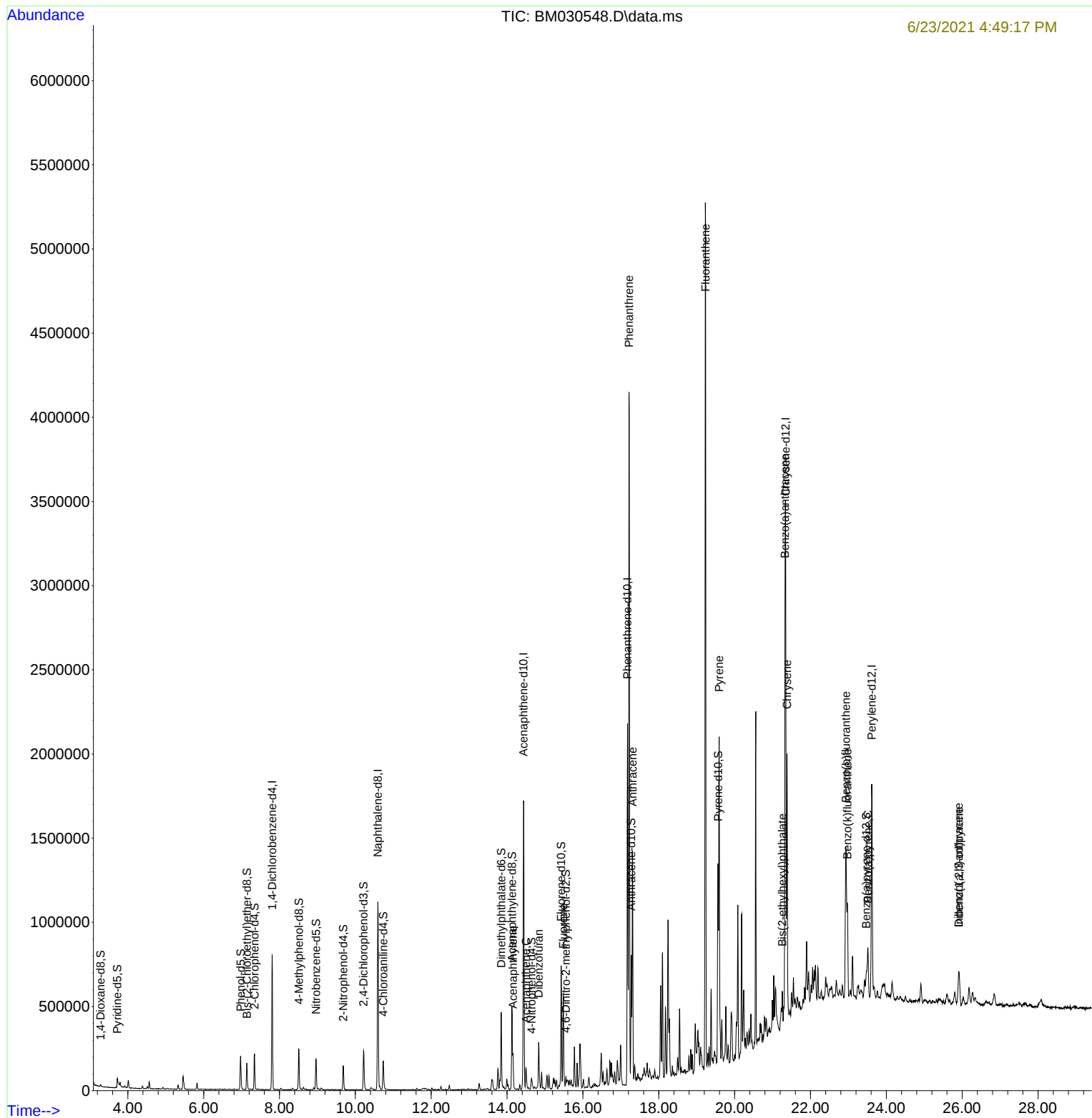
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030548.D
Acq On : 23 Jun 2021 12:00
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

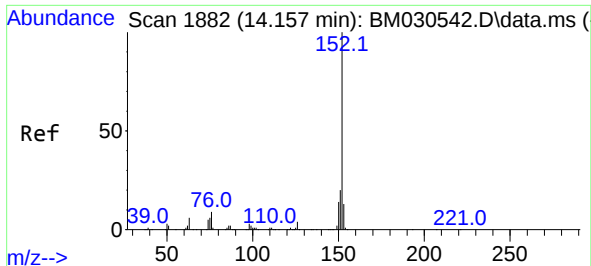
Instrument :
BNA_M
ClientSampleId :
BGDB2DL

Manual Integrations
APPROVED

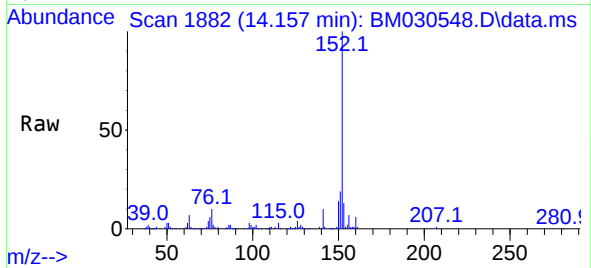
mohammad

Quant Time: Jun 23 12:40:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 15:07:37 2021
Response via : Initial Calibration

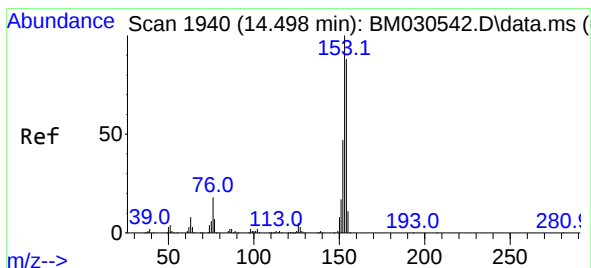
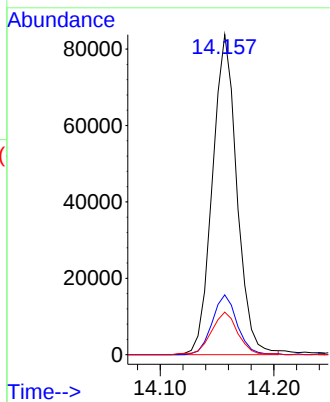
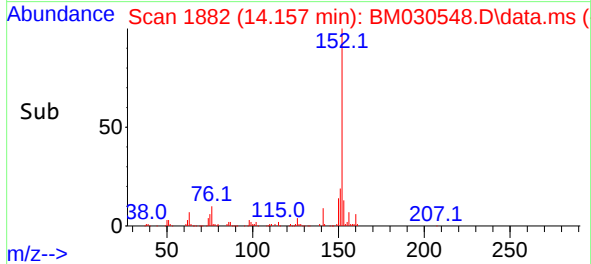




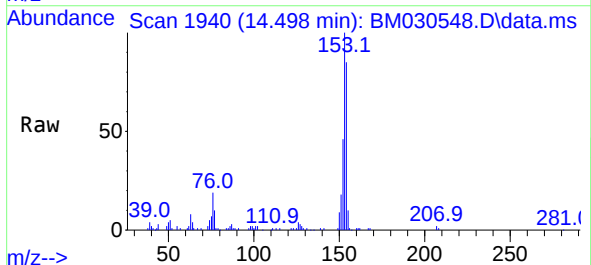
#50
Acenaphthylene
Concen: 2.515 ng/ul
RT: 14.157 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM030548.D
Acq: 23 Jun 2021 12:00



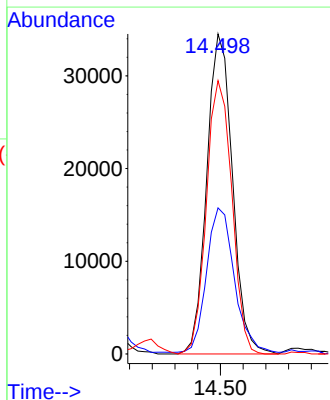
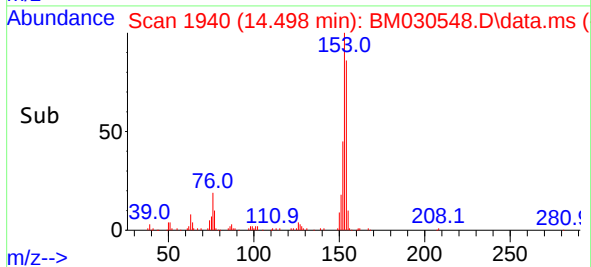
Tgt Ion:152 Resp: 125693
Ion Ratio Lower Upper
152 100
151 18.7 16.2 24.2
153 13.3 10.2 15.4



#52
Acenaphthene
Concen: 1.498 ng/ul
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM030548.D
Acq: 23 Jun 2021 12:00



Tgt Ion:153 Resp: 54340
Ion Ratio Lower Upper
153 100
152 45.6 37.4 56.2
154 85.4 69.4 104.0

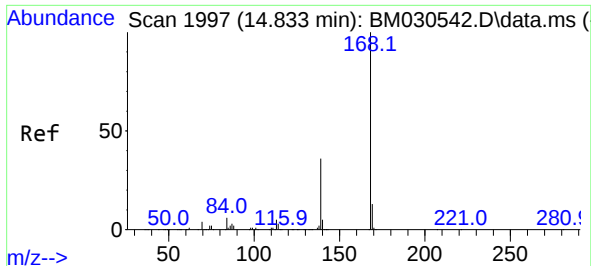


Instrument :
BNA_M
ClientSampleId :
BGDB2DL

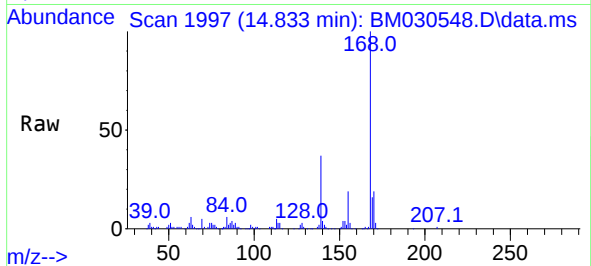
Manual Integrations
APPROVED

mohammad

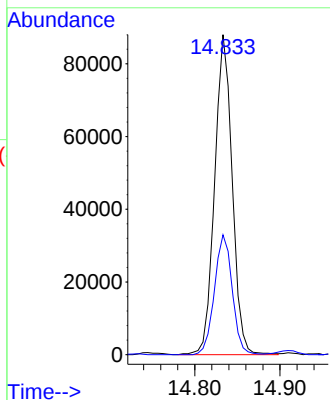
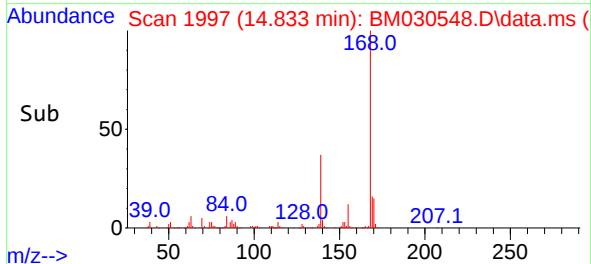
6/23/2021 4:49:17 PM



#56
Dibenzenofuran
Concen: 2.493 ng/u1
RT: 14.833 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM030548.D
Acq: 23 Jun 2021 12:00



Tgt Ion:168 Resp: 126070
Ion Ratio Lower Upper
168 100
139 37.5 29.5 44.3

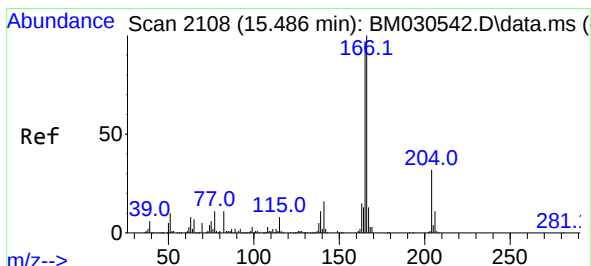


Instrument :
BNA_M
ClientSampleId :
BGDB2DL

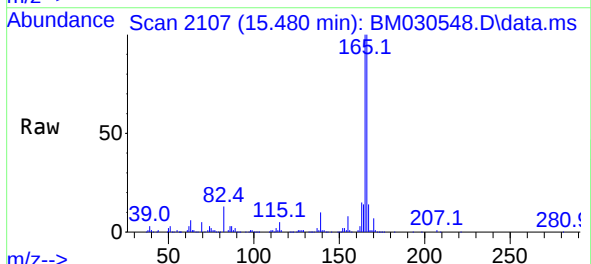
Manual Integrations
APPROVED

mohammad

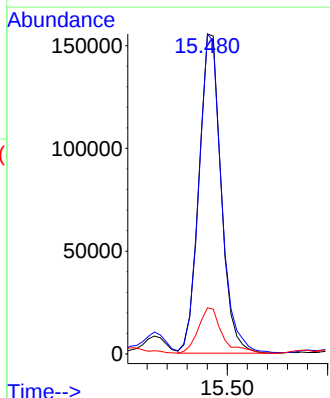
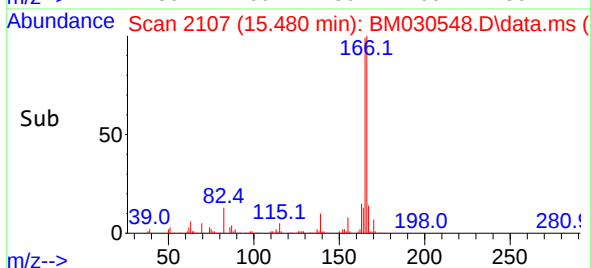
6/23/2021 4:49:17 PM

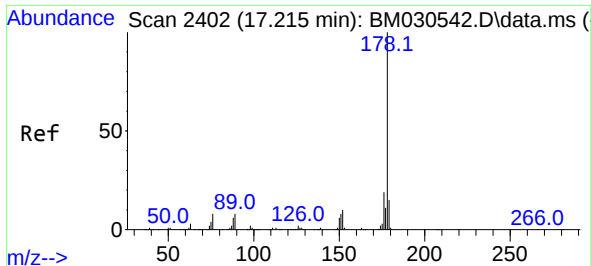


#61
Fluorene
Concen: 5.730 ng/u1
RT: 15.480 min Scan# 2107
Delta R.T. -0.012 min
Lab File: BM030548.D
Acq: 23 Jun 2021 12:00

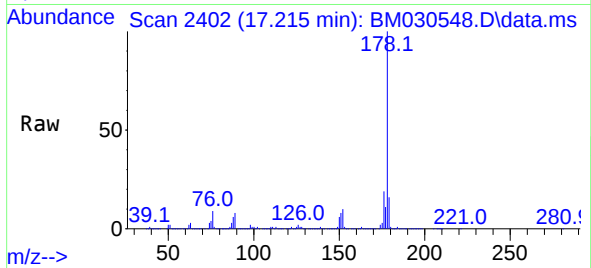


Tgt Ion:166 Resp: 238793
Ion Ratio Lower Upper
166 100
165 100.0 78.4 117.6
167 14.4 10.6 15.8

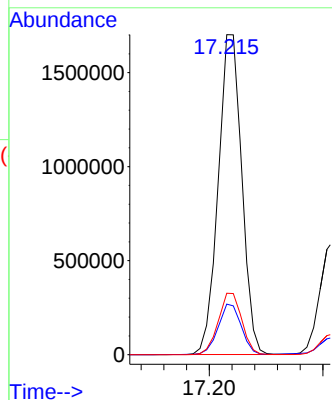




#72
Phenanthrene
Concen: 36.804 ng/uI
RT: 17.215 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM030548.D
Acq: 23 Jun 2021 12:00



Tgt Ion:178 Resp: 2455888
Ion Ratio Lower Upper
178 100
179 15.8 12.1 18.1
176 19.2 15.2 22.8

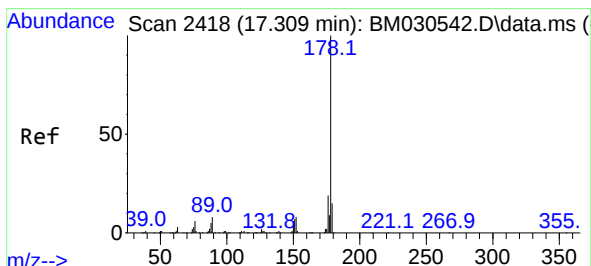


Instrument :
BNA_M
ClientSampled :
BGDB2DL

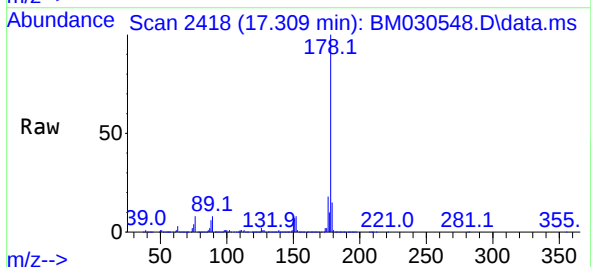
Manual Integrations
APPROVED

mohammad

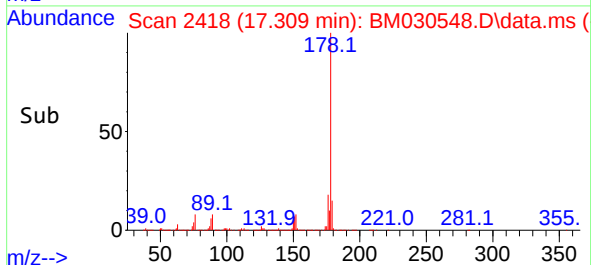
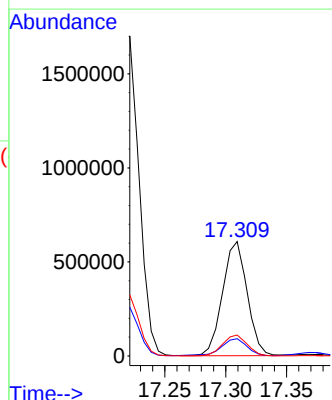
6/23/2021 4:49:17 PM

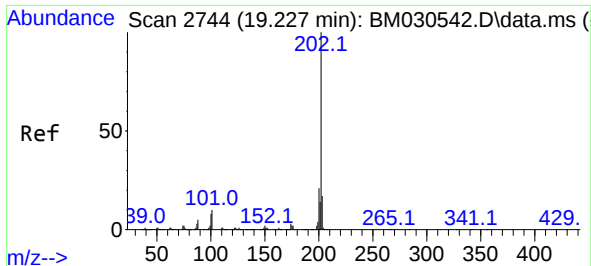


#74
Anthracene
Concen: 12.549 ng/uI
RT: 17.309 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM030548.D
Acq: 23 Jun 2021 12:00



Tgt Ion:178 Resp: 856158
Ion Ratio Lower Upper
178 100
179 15.1 12.1 18.1
176 18.3 15.2 22.8





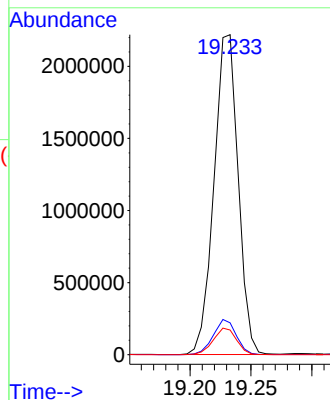
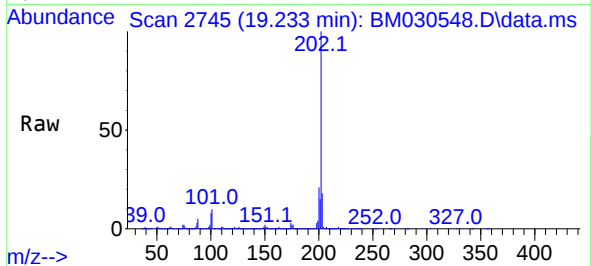
#80
Fluoranthene
Concen: 47.234 ng/ul
RT: 19.233 min Scan# 2745
Delta R.T. -0.000 min
Lab File: BM030548.D
Acq: 23 Jun 2021 12:00

Tgt Ion:202 Resp: 3060987
Ion Ratio Lower Upper
202 100
101 10.0 8.8 13.2
100 7.7 6.8 10.2

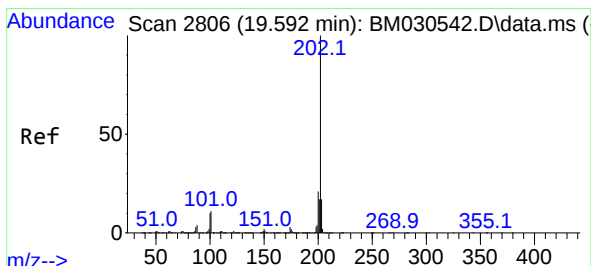
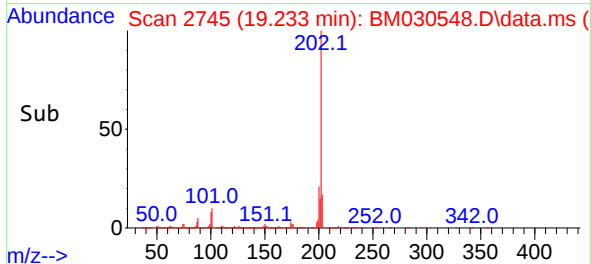
Instrument :
BNA_M
ClientSampleId :
BGDB2DL

Manual Integrations
APPROVED

mohammad

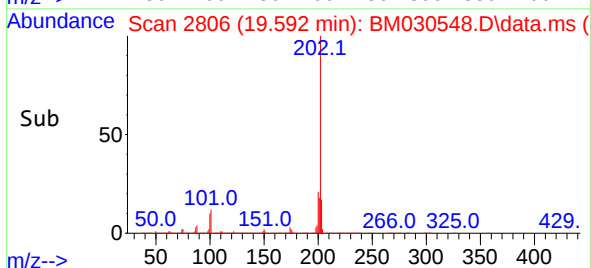
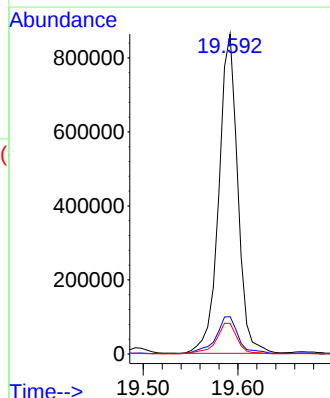
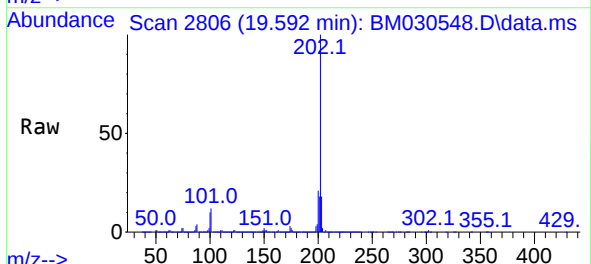


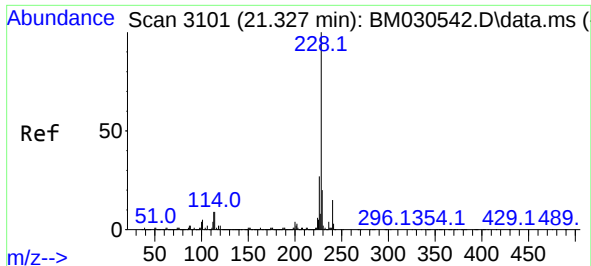
6/23/2021 4:49:17 PM



#82
Pyrene
Concen: 17.586 ng/ul
RT: 19.592 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BM030548.D
Acq: 23 Jun 2021 12:00

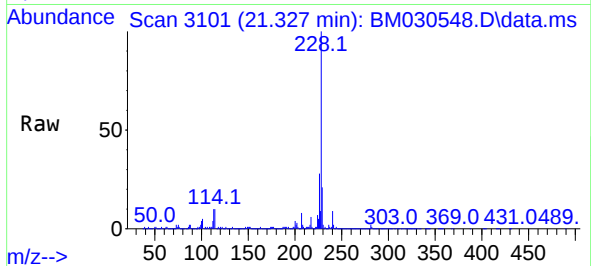
Tgt Ion:202 Resp: 1197504
Ion Ratio Lower Upper
202 100
101 11.7 10.0 15.0
100 9.6 8.5 12.7





#85
Benzo(a)anthracene
Concen: 17.539 ng/ul
RT: 21.327 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BM030548.D
Acq: 23 Jun 2021 12:00

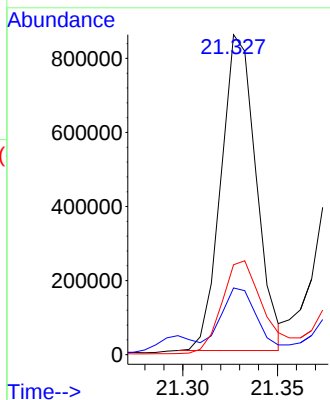
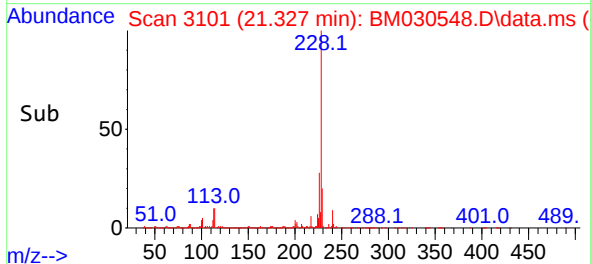
Instrument :
BNA_M
ClientSampleId :
BGDB2DL



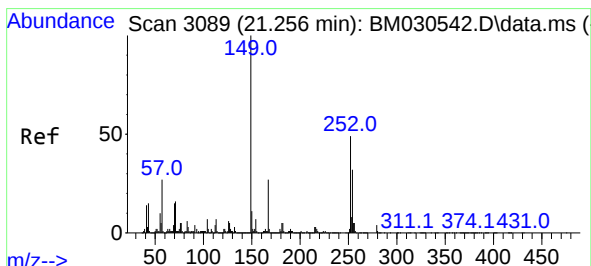
Tgt Ion:228 Resp: 1102271
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 28.1 22.2 33.2

Manual Integrations
APPROVED

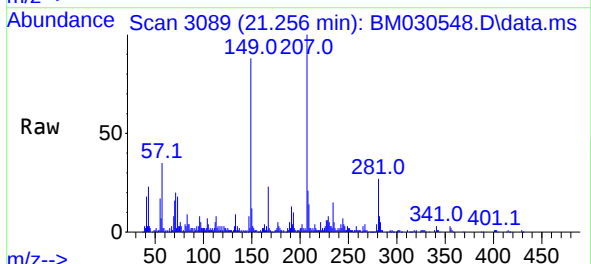
mohammad



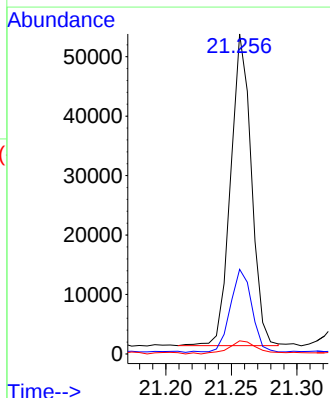
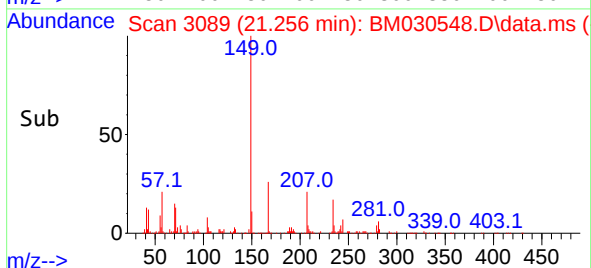
6/23/2021 4:49:17 PM

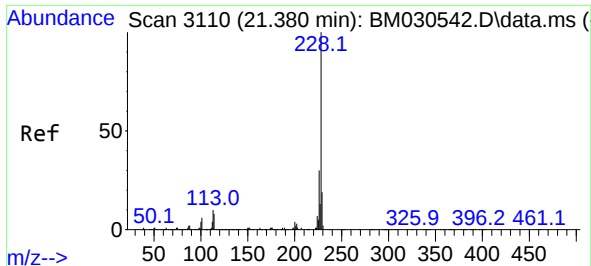


#86
Bis(2-ethylhexyl)phthalate
Concen: 1.786 ng/ul
RT: 21.256 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BM030548.D
Acq: 23 Jun 2021 12:00



Tgt Ion:149 Resp: 57570
Ion Ratio Lower Upper
149 100
167 26.5 20.7 31.1
279 4.1 3.0 4.4





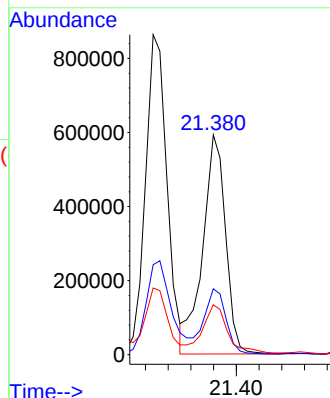
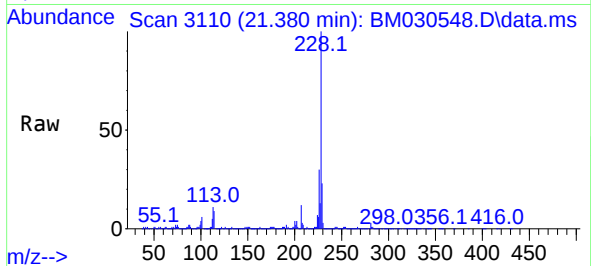
#87
Chrysene
Concen: 13.500 ng/ul
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM030548.D
Acq: 23 Jun 2021 12:00

Tgt Ion:228 Resp: 827098
Ion Ratio Lower Upper
228 100
226 30.0 23.6 35.4
229 22.7 15.9 23.9

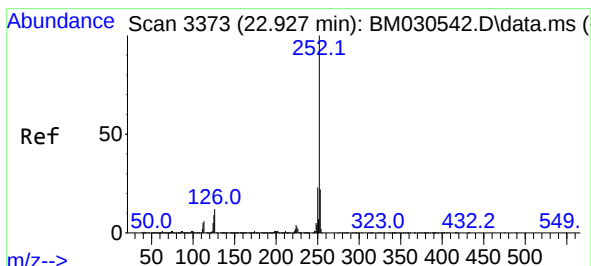
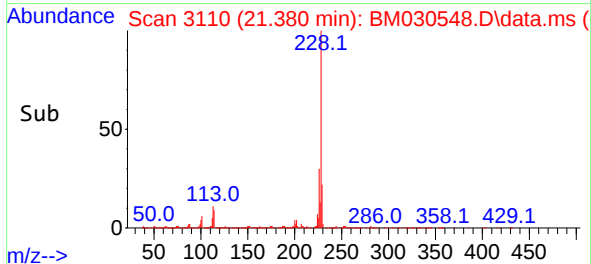
Instrument :
BNA_M
ClientSampled :
BGDB2DL

Manual Integrations
APPROVED

mohammad

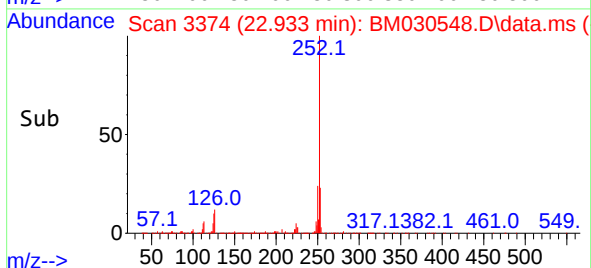
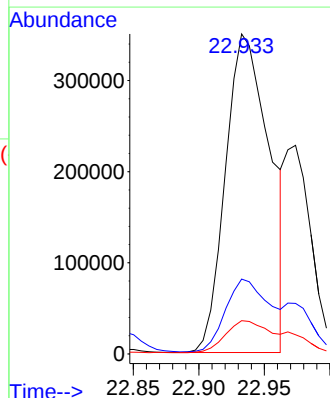
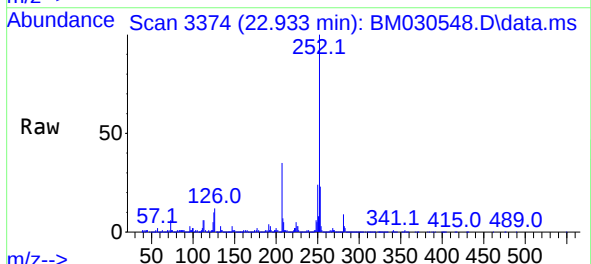


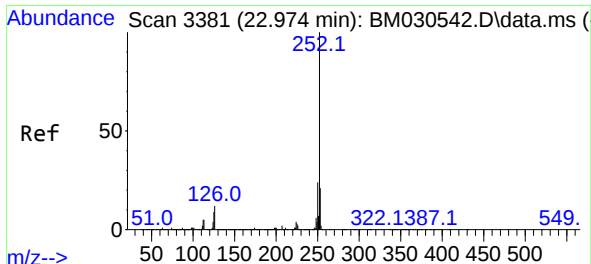
6/23/2021 4:49:17 PM



#90
Benzo(b)fluoranthene
Concen: 14.400 ng/ul
RT: 22.933 min Scan# 3374
Delta R.T. -0.006 min
Lab File: BM030548.D
Acq: 23 Jun 2021 12:00

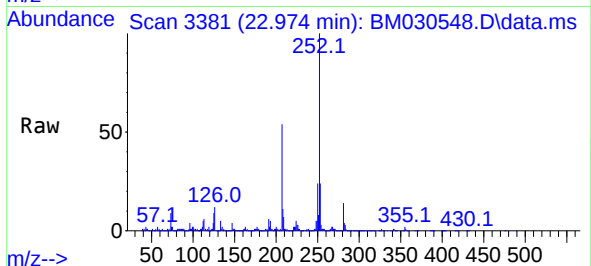
Tgt Ion:252 Resp: 819508
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.6
125 10.4 7.7 11.5





#91
Benzo(k)fluoranthene
Concen: 5.780 ng/ul m
RT: 22.974 min Scan# 3381
Delta R.T. -0.012 min
Lab File: BM030548.D
Acq: 23 Jun 2021 12:00

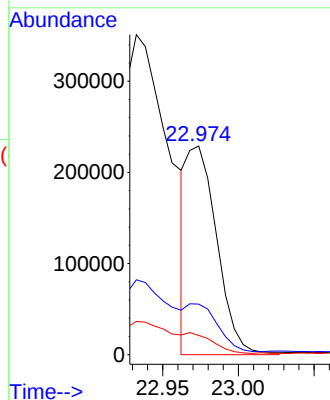
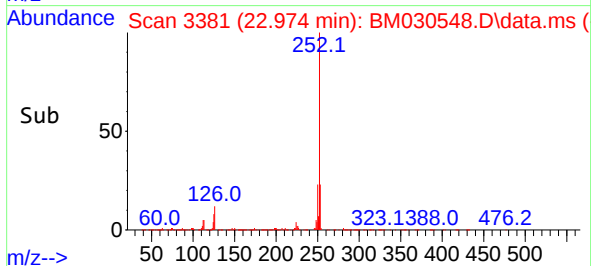
Instrument :
BNA_M
ClientSampleId :
BGDB2DL



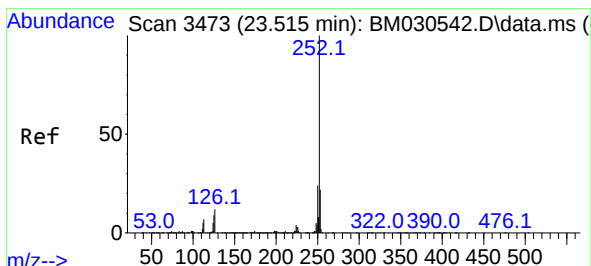
Tgt Ion:252 Resp: 316128
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.2
125 9.2 7.9 11.9

Manual Integrations
APPROVED

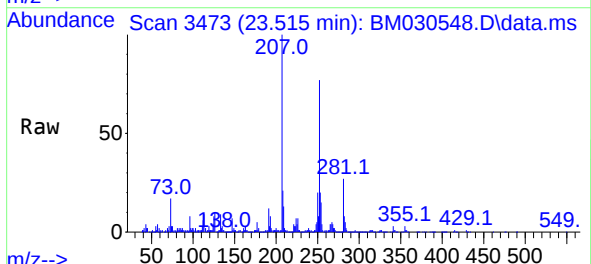
mohammad



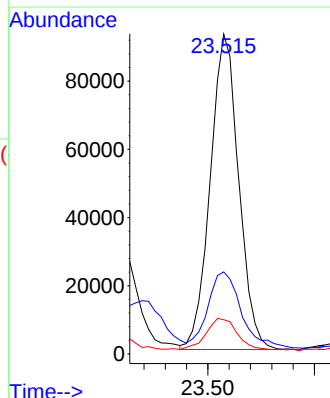
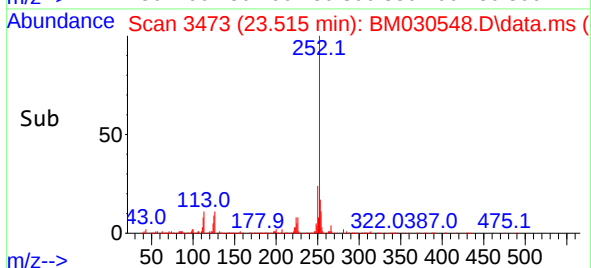
6/23/2021 4:49:17 PM

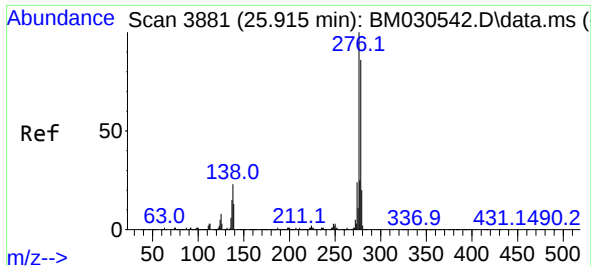


#93
Benzo(a)pyrene
Concen: 3.351 ng/ul
RT: 23.515 min Scan# 3473
Delta R.T. -0.012 min
Lab File: BM030548.D
Acq: 23 Jun 2021 12:00



Tgt Ion:252 Resp: 171460
Ion Ratio Lower Upper
252 100
253 25.6 17.5 26.3
125 10.7 8.6 13.0





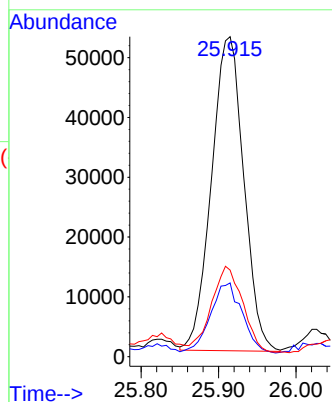
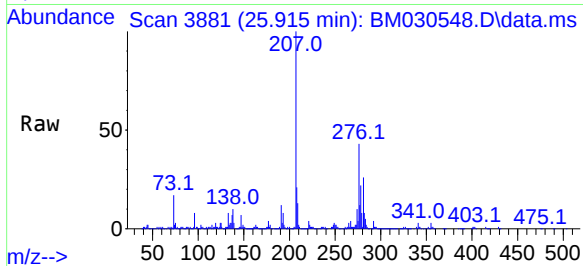
#94
Indeno(1,2,3-cd)pyrene
Concen: 2.360 ng/ul
RT: 25.915 min Scan# 3881
Delta R.T. -0.018 min
Lab File: BM030548.D
Acq: 23 Jun 2021 12:00

Instrument :
BNA_M
ClientSampled :
BGDB2DL

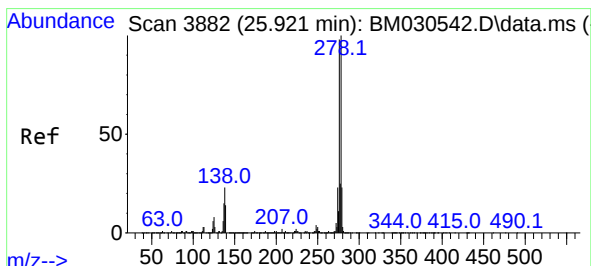
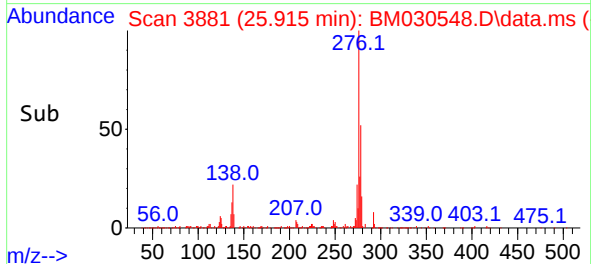
Tgt Ion:276 Resp: 152019
Ion Ratio Lower Upper
276 100
138 23.1 19.5 29.3
277 27.0 19.6 29.4

Manual Integrations
APPROVED

mohammad



6/23/2021 4:49:17 PM



#95
Dibenzo(a,h)anthracene
Concen: 1.811 ng/ul
RT: 25.909 min Scan# 3880
Delta R.T. -0.030 min
Lab File: BM030548.D
Acq: 23 Jun 2021 12:00

Tgt Ion:278 Resp: 96739
Ion Ratio Lower Upper
278 100
139 20.7 12.8 19.2#
279 33.5 19.1 28.7#

