

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
 Data File : BM030799.D
 Acq On : 03 Jul 2021 06:48
 Operator : CG/JU
 Sample : M2869-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDx4

Manual Integrations
 APPROVED

mohammad
 7/6/2021 9:25:40 AM

Quant Time: Jul 05 01:01:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 02 18:01:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	108135	20.00	ng/ul	0.00
20) Naphthalene-d8	10.551	136	426113	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	250241	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.139	188	473433	20.00	ng/ul	0.00
79) Chrysene-d12	21.309	240	503042	20.00	ng/ul	0.00
88) Perylene-d12	23.550	264	544821	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	6282	2.36	ng/uL	0.00
4) Pyridine-d5	3.699	84	31653	4.42	ng/ul	0.02
7) Phenol-d5	6.934	99	106387	11.41	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	71065	12.12	ng/ul	0.00
11) 2-Chlorophenol-d4	7.299	132	88809	12.34	ng/ul	0.00
15) 4-Methylphenol-d8	8.469	113	85035	11.72	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	39753	12.50	ng/ul	0.00
24) 2-Nitrophenol-d4	9.640	143	42117	11.92	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	82162	12.14	ng/ul	0.00
31) 4-Chloroaniline-d4	10.698	131	84278	8.93	ng/ul	0.00
46) Dimethylphthalate-d6	13.810	166	247621	14.33	ng/ul	0.00
49) Acenaphthylene-d8	14.086	160	301225	13.43	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	23137m	7.07	ng/ul	0.00
60) Fluorene-d10	15.386	176	215210	14.04	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	9358	3.02	ng/ul	0.00
73) Anthracene-d10	17.233	188	312999	14.17	ng/ul	0.00
81) Pyrene-d10	19.521	212	322333	12.23	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.409	264	321935	11.37	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.598	128	94430	4.38	ng/ul	98
47) Dimethylphthalate	13.857	163	89285	5.27	ng/ul	100
50) Acenaphthylene	14.116	152	130219	6.26	ng/ul	98
52) Acenaphthene	14.463	153	208451	13.81	ng/ul	99
56) Dibenzofuran	14.798	168	108083	5.13	ng/ul	99
61) Fluorene	15.445	166	246795	14.23	ng/ul	99
72) Phenanthrene	17.180	178	2933904	115.40	ng/ul	99
74) Anthracene	17.269	178	1160230	44.63	ng/ul	99
80) Fluoranthene	19.198	202	4324251	134.33	ng/ul	98
82) Pyrene	19.557	202	3084440	91.19	ng/ul	99
85) Benzo(a)anthracene	21.292	228	2416871	77.42	ng/ul	94
87) Chrysene	21.345	228	1910214	62.77	ng/ul	97
90) Benzo(b)fluoranthene	22.886	252	2383065	68.90	ng/ul	99
91) Benzo(k)fluoranthene	22.921	252	885614m	26.64	ng/ul	
93) Benzo(a)pyrene	23.456	252	1440077	46.30	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.833	276	962857	24.59	ng/ul#	94
95) Dibenzo(a,h)anthracene	25.833	278	311898	9.61	ng/ul#	92
96) Benzo(g,h,i)perylene	26.521	276	59400	1.82	ng/ul#	88

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

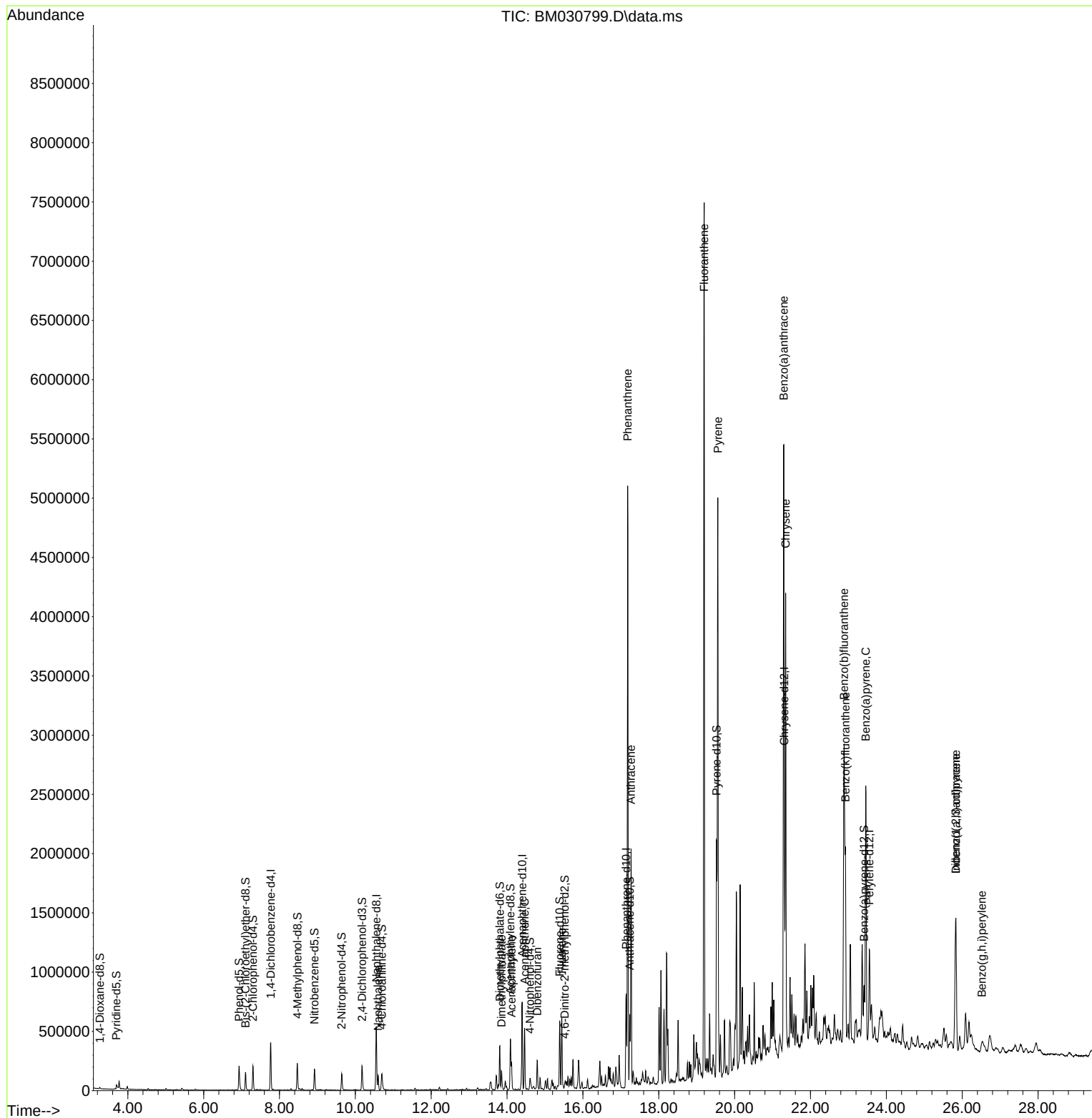
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030799.D
Acq On : 03 Jul 2021 06:48
Operator : CG/JU
Sample : M2869-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

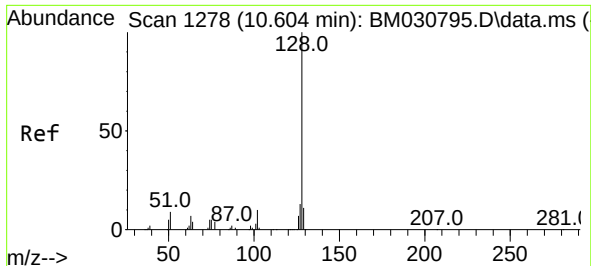
Instrument :
BNA_M
ClientSampleId :
BGDX4

Manual Integrations
APPROVED

mohammad
7/6/2021 9:25:40 AM

Quant Time: Jul 05 01:01:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 02 18:01:37 2021
Response via : Initial Calibration





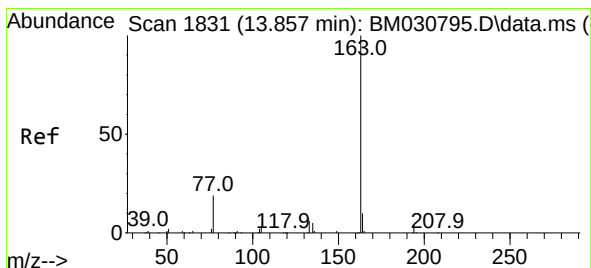
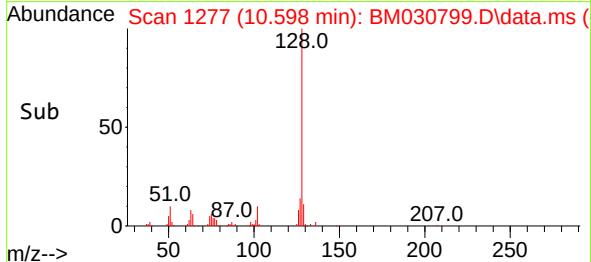
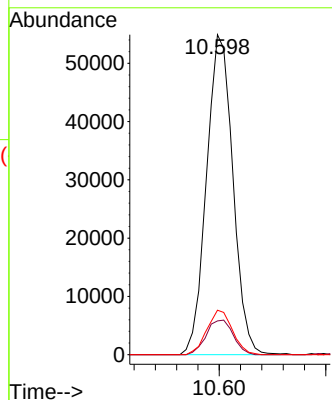
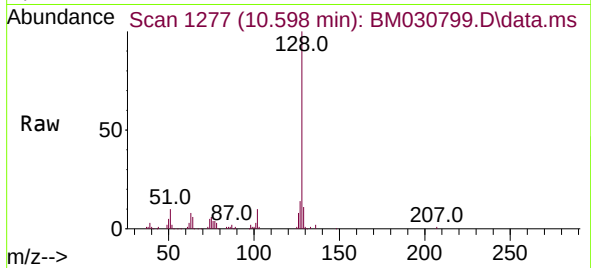
#30
Naphthalene
Concen: 4.38 ng/ul
RT: 10.598 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM030799.D
Acq: 03 Jul 2021 06:48

Tgt Ion:128 Resp: 94430
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 13.9 10.6 15.8

Instrument :
BNA_M
ClientSampled :
BGDX4

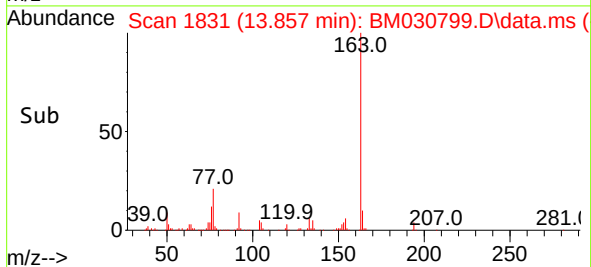
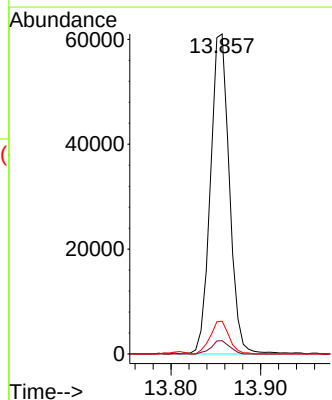
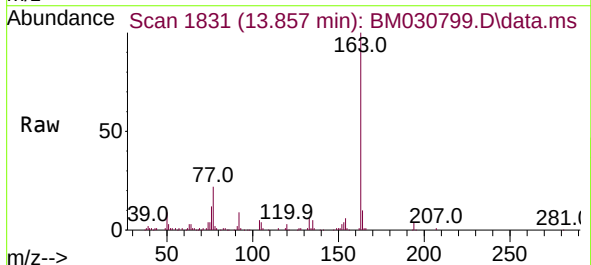
Manual Integrations
APPROVED

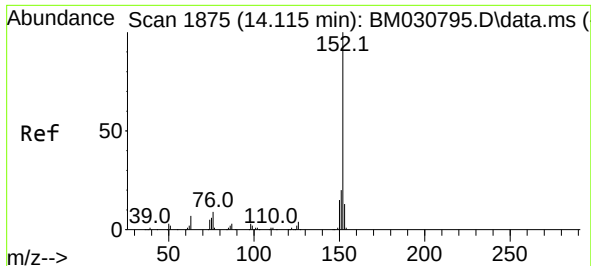
mohammad
7/6/2021 9:25:40 AM



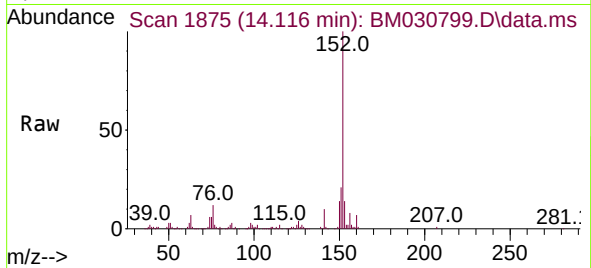
#47
Dimethylphthalate
Concen: 5.27 ng/ul
RT: 13.857 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BM030799.D
Acq: 03 Jul 2021 06:48

Tgt Ion:163 Resp: 89285
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.2 8.2 12.4

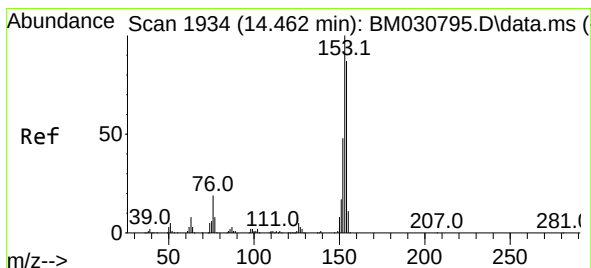
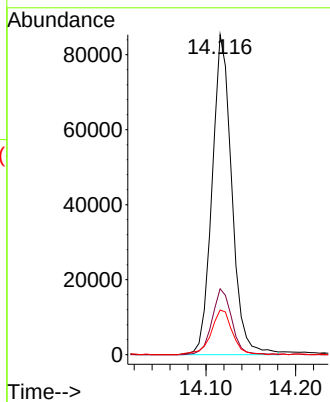
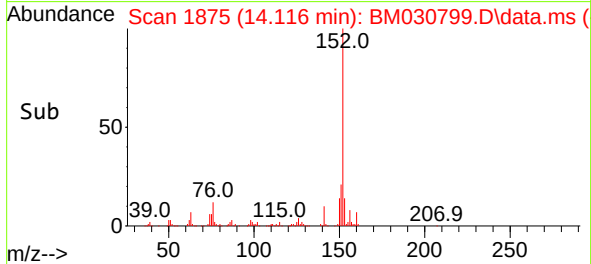




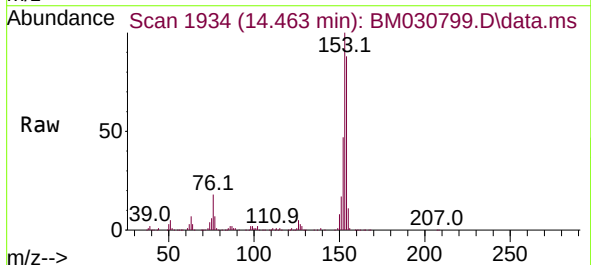
#50
Acenaphthylene
Concen: 6.26 ng/ul
RT: 14.116 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BM030799.D
Acq: 03 Jul 2021 06:48



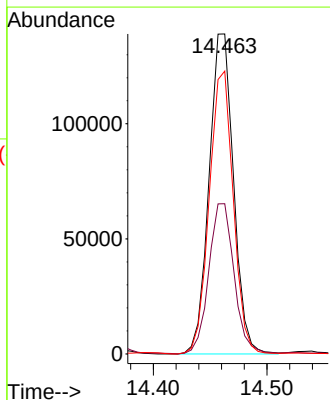
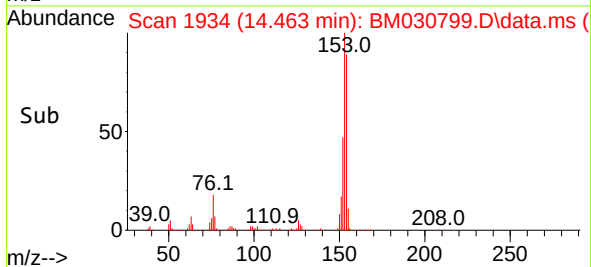
Tgt Ion:152 Resp: 130219
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 14.0 10.2 15.4



#52
Acenaphthene
Concen: 13.81 ng/ul
RT: 14.463 min Scan# 1934
Delta R.T. 0.000 min
Lab File: BM030799.D
Acq: 03 Jul 2021 06:48



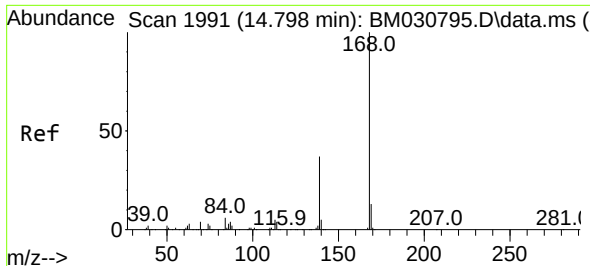
Tgt Ion:153 Resp: 208451
Ion Ratio Lower Upper
153 100
152 47.0 37.4 56.2
154 88.4 69.4 104.0



Instrument :
BNA_M
ClientSampled :
BGDX4

Manual Integrations
APPROVED

mohammad
7/6/2021 9:25:40 AM



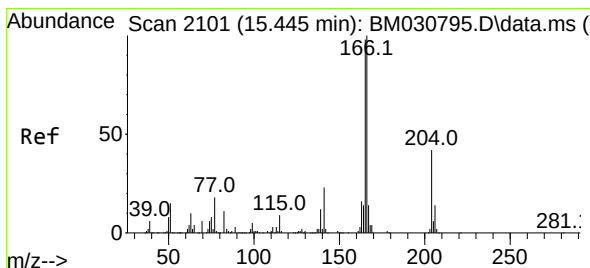
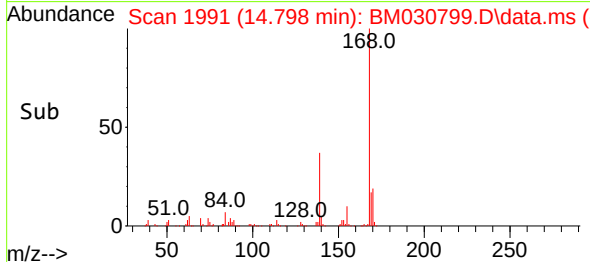
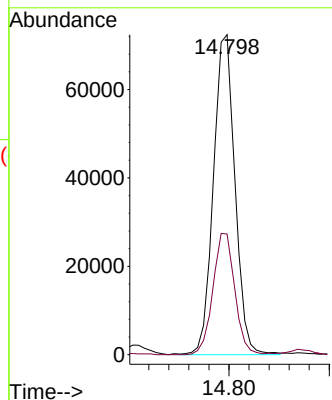
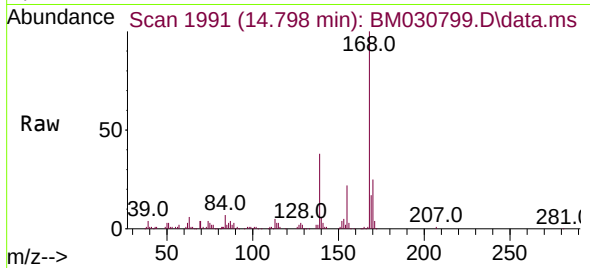
#56
Dibenzenofuran
Concen: 5.13 ng/ul
RT: 14.798 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BM030799.D
Acq: 03 Jul 2021 06:48

Tgt Ion:168 Resp: 108083
Ion Ratio Lower Upper
168 100
139 37.7 29.5 44.3

Instrument :
BNA_M
ClientSampled :
BGDX4

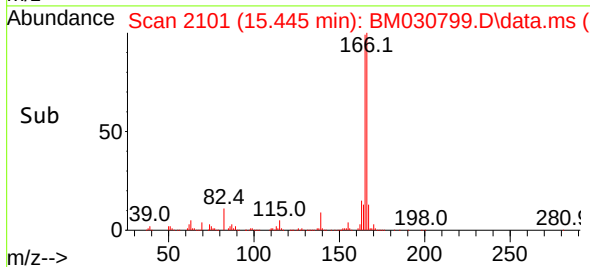
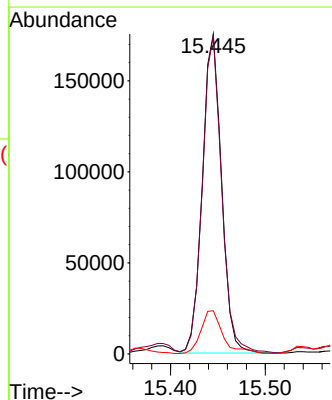
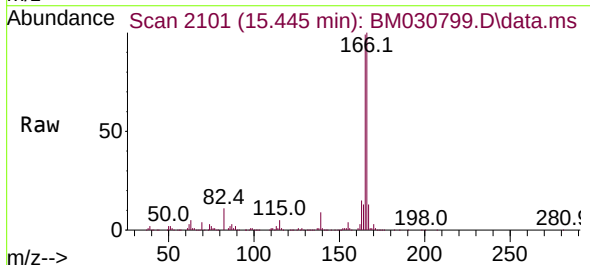
Manual Integrations
APPROVED

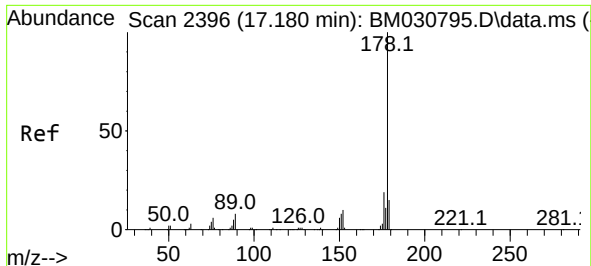
mohammad
7/6/2021 9:25:40 AM



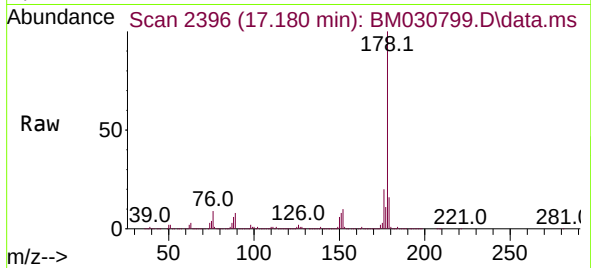
#61
Fluorene
Concen: 14.23 ng/ul
RT: 15.445 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM030799.D
Acq: 03 Jul 2021 06:48

Tgt Ion:166 Resp: 246795
Ion Ratio Lower Upper
166 100
165 99.2 78.4 117.6
167 13.5 10.6 15.8



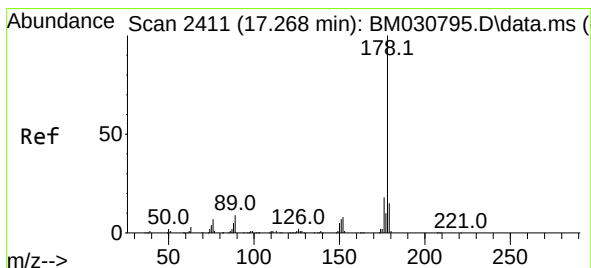
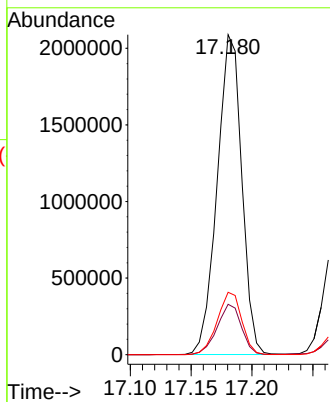
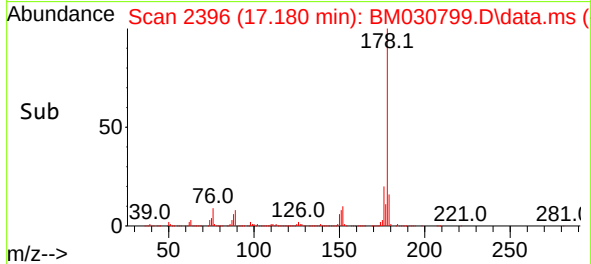


#72
Phenanthrene
Concen: 115.40 ng/ul
RT: 17.180 min Scan# 2396
Delta R.T. 0.000 min
Lab File: BM030799.D
Acq: 03 Jul 2021 06:48

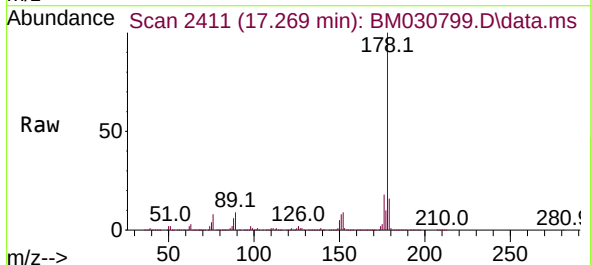


Tgt Ion:178 Resp: 2933904

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.1	18.1
176	19.5	15.2	22.8

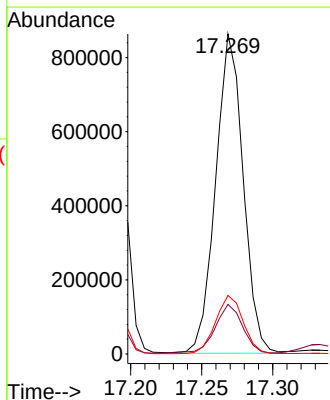
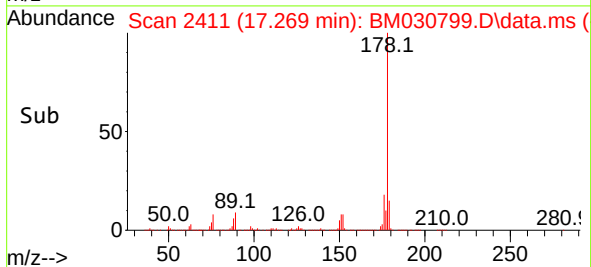


#74
Anthracene
Concen: 44.63 ng/ul
RT: 17.269 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BM030799.D
Acq: 03 Jul 2021 06:48



Tgt Ion:178 Resp: 1160230

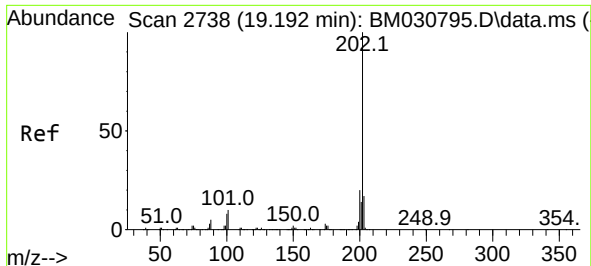
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.1	18.1
176	18.3	15.2	22.8



Instrument :
BNA_M
ClientSampled :
BGDX4

Manual Integrations
APPROVED

mohammad
7/6/2021 9:25:40 AM



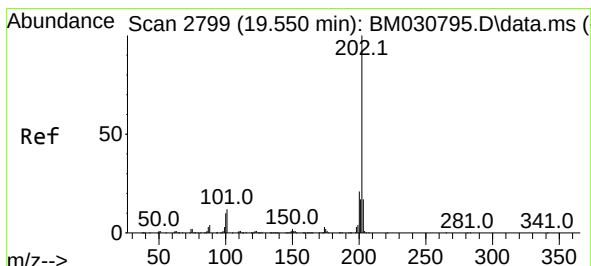
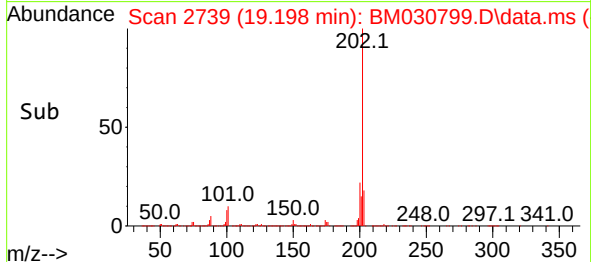
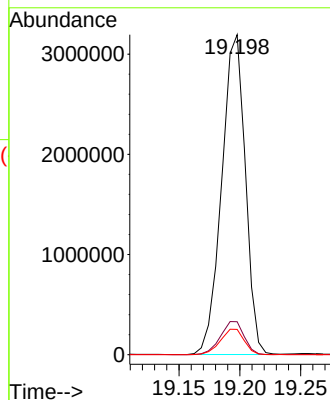
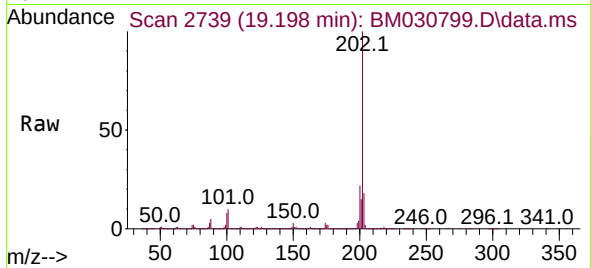
#80
Fluoranthene
Concen: 134.33 ng/ul
RT: 19.198 min Scan# 2739
Delta R.T. 0.006 min
Lab File: BM030799.D
Acq: 03 Jul 2021 06:48

Tgt Ion:202 Resp: 4324251
Ion Ratio Lower Upper
202 100
101 10.3 8.8 13.2
100 7.9 6.8 10.2

Instrument :
BNA_M
ClientSampled :
BGDX4

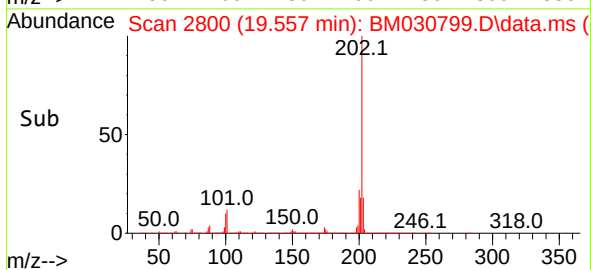
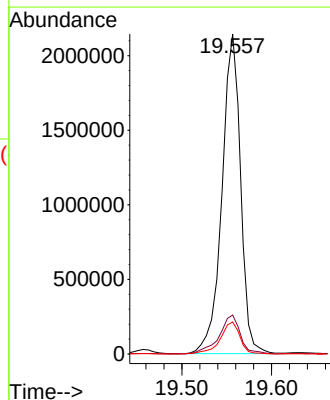
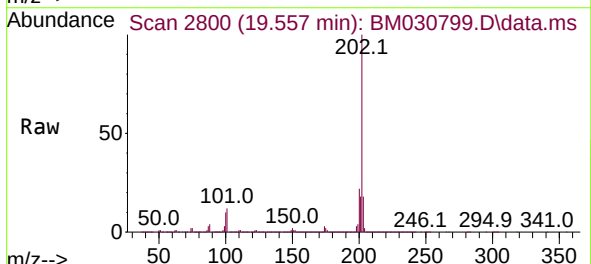
Manual Integrations
APPROVED

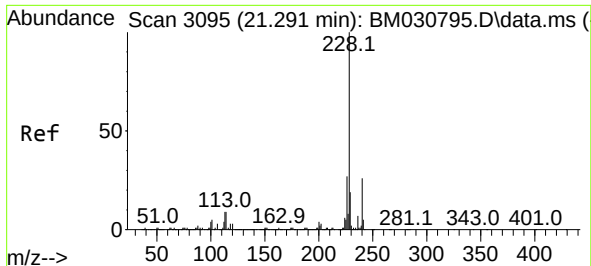
mohammad
7/6/2021 9:25:40 AM



#82
Pyrene
Concen: 91.19 ng/ul
RT: 19.557 min Scan# 2800
Delta R.T. 0.000 min
Lab File: BM030799.D
Acq: 03 Jul 2021 06:48

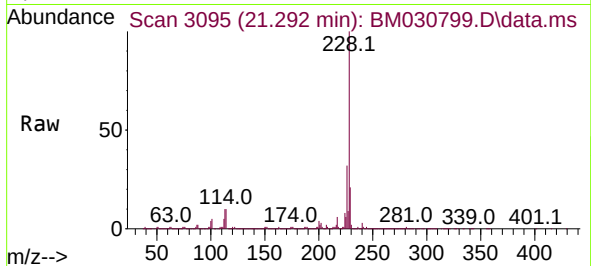
Tgt Ion:202 Resp: 3084440
Ion Ratio Lower Upper
202 100
101 12.1 10.0 15.0
100 10.0 8.5 12.7





#85
Benzo(a)anthracene
Concen: 77.42 ng/ul
RT: 21.292 min Scan# 3095
Delta R.T. 0.000 min
Lab File: BM030799.D
Acq: 03 Jul 2021 06:48

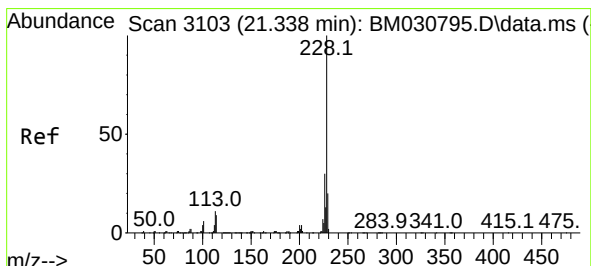
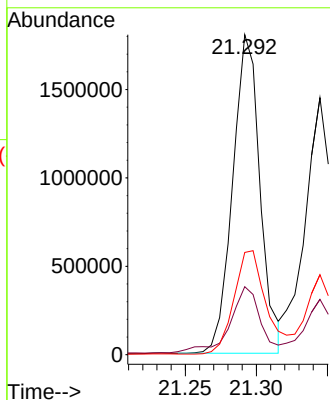
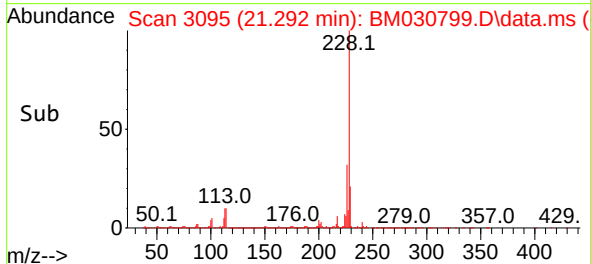
Instrument :
BNA_M
ClientSampled :
BGDX4



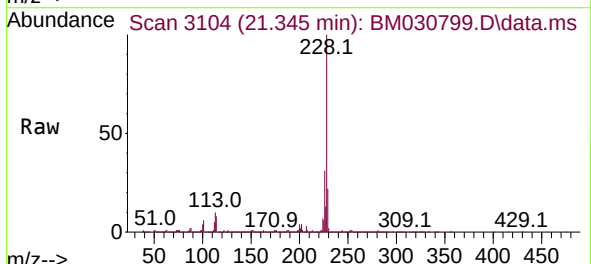
Tgt Ion:228 Resp: 2416871
Ion Ratio Lower Upper
228 100
229 21.3 16.0 24.0
226 31.9 22.2 33.2

Manual Integrations
APPROVED

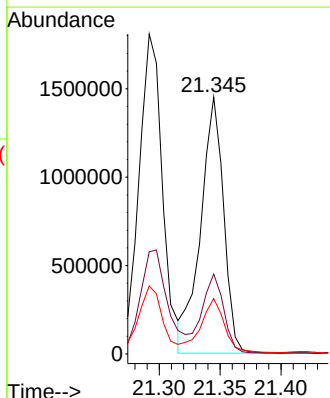
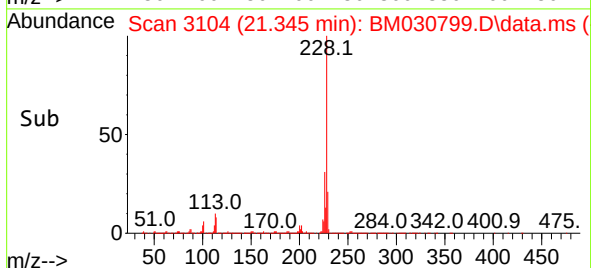
mohammad
7/6/2021 9:25:40 AM

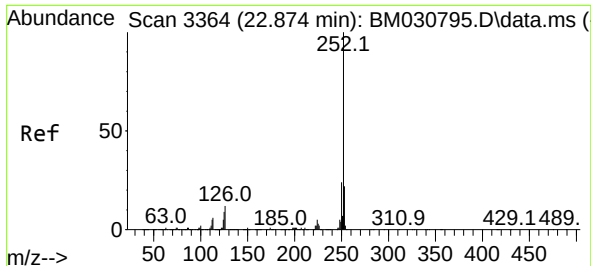


#87
Chrysene
Concen: 62.77 ng/ul
RT: 21.345 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM030799.D
Acq: 03 Jul 2021 06:48



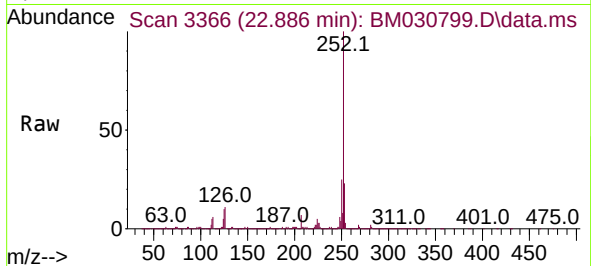
Tgt Ion:228 Resp: 1910214
Ion Ratio Lower Upper
228 100
226 31.1 23.6 35.4
229 21.5 15.9 23.9





#90
Benzo(b)fluoranthene
Concen: 68.90 ng/ul
RT: 22.886 min Scan# 3366
Delta R.T. 0.006 min
Lab File: BM030799.D
Acq: 03 Jul 2021 06:48

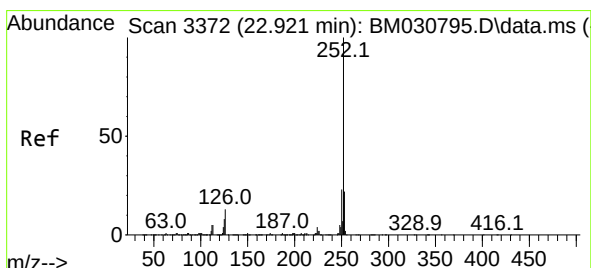
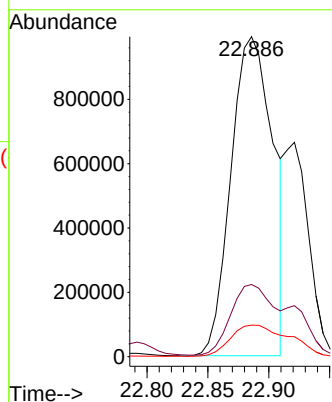
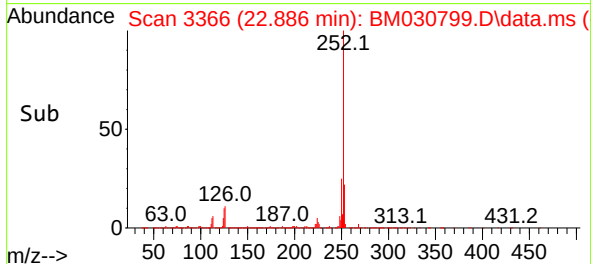
Instrument :
BNA_M
ClientSampled :
BGDX4



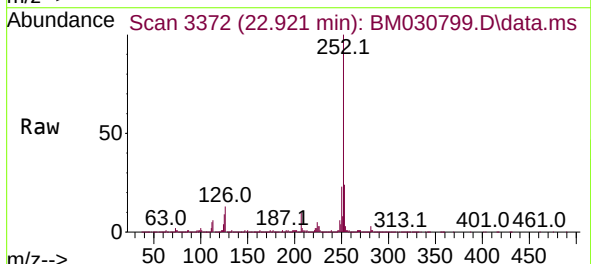
Tgt Ion:252 Resp: 2383065
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 9.9 7.7 11.5

Manual Integrations
APPROVED

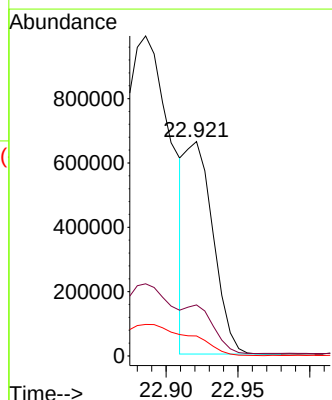
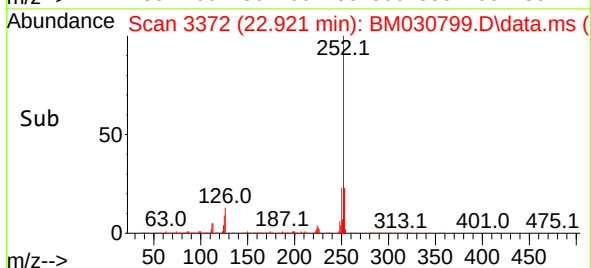
mohammad
7/6/2021 9:25:40 AM

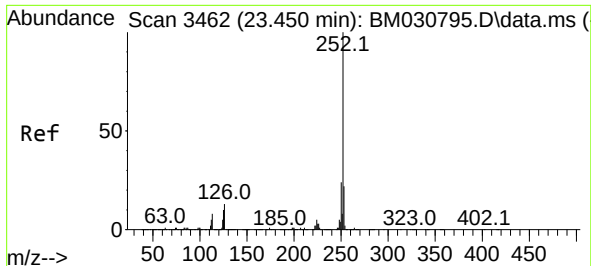


#91
Benzo(k)fluoranthene
Concen: 26.64 ng/ul m
RT: 22.921 min Scan# 3372
Delta R.T. -0.006 min
Lab File: BM030799.D
Acq: 03 Jul 2021 06:48



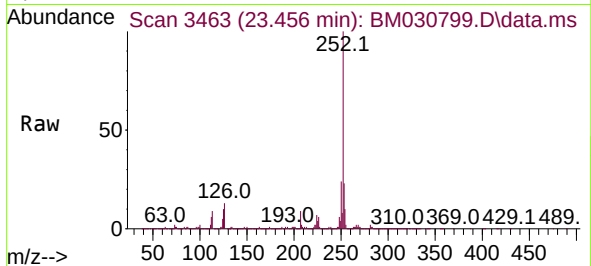
Tgt Ion:252 Resp: 885614
Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.2
125 9.3 7.9 11.9





#93
Benzo(a)pyrene
Concen: 46.30 ng/ul
RT: 23.456 min Scan# 3463
Delta R.T. -0.006 min
Lab File: BM030799.D
Acq: 03 Jul 2021 06:48

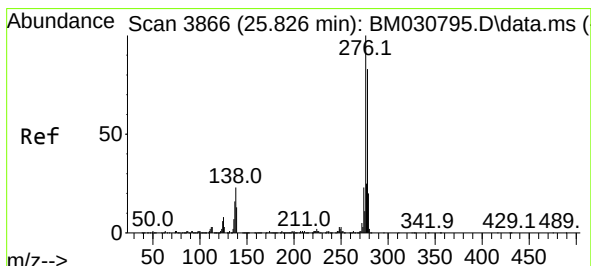
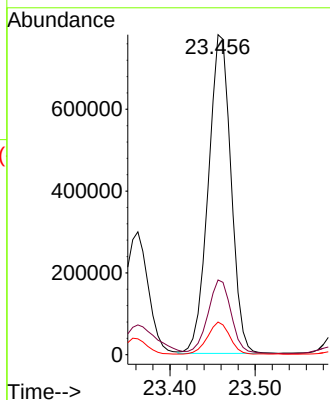
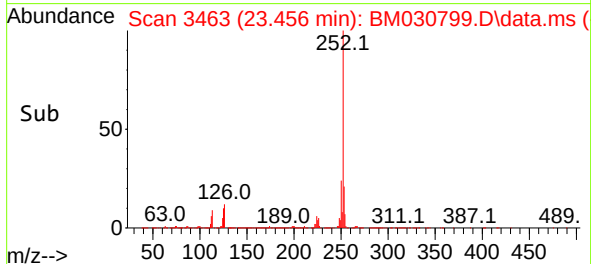
Instrument :
BNA_M
ClientSampled :
BGDX4



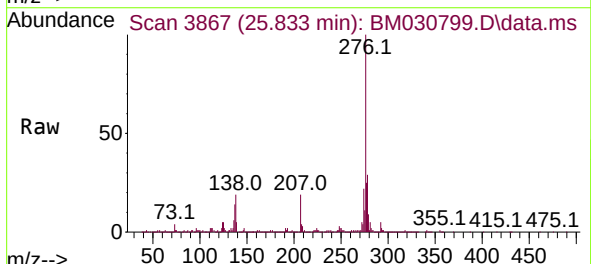
Tgt Ion:252 Resp: 1440077
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 10.2 8.6 13.0

Manual Integrations
APPROVED

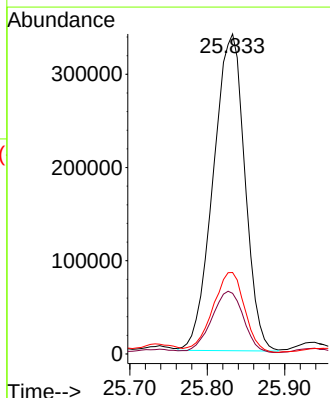
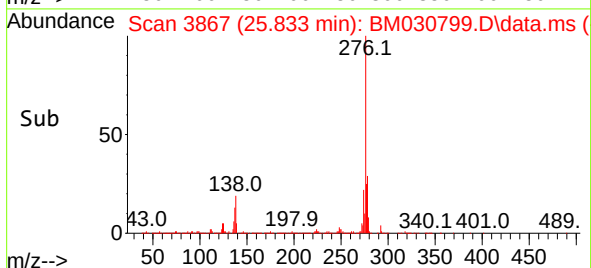
mohammad
7/6/2021 9:25:40 AM

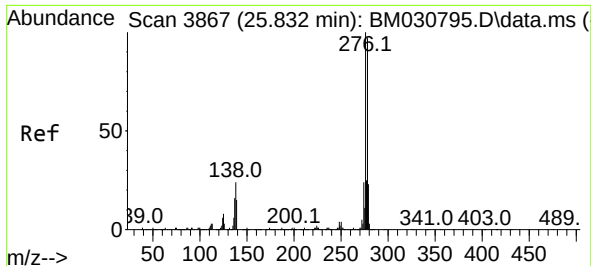


#94
Indeno(1,2,3-cd)pyrene
Concen: 24.59 ng/ul
RT: 25.833 min Scan# 3867
Delta R.T. -0.006 min
Lab File: BM030799.D
Acq: 03 Jul 2021 06:48



Tgt Ion:276 Resp: 962857
Ion Ratio Lower Upper
276 100
138 19.0 19.5 29.3#
277 25.4 19.6 29.4





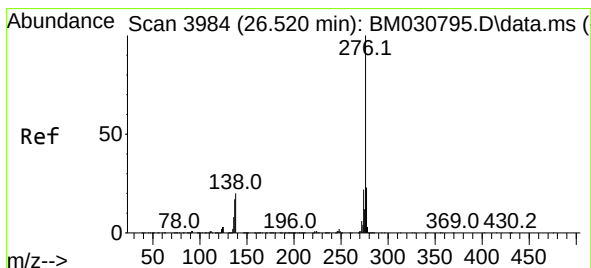
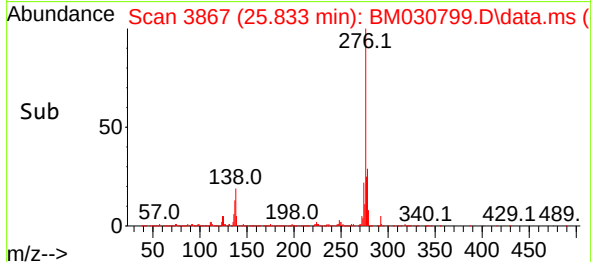
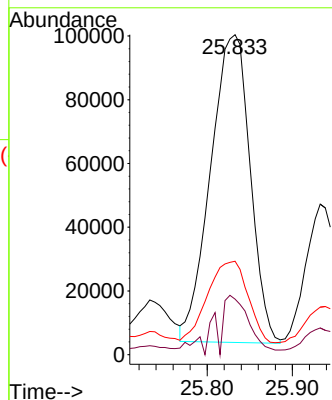
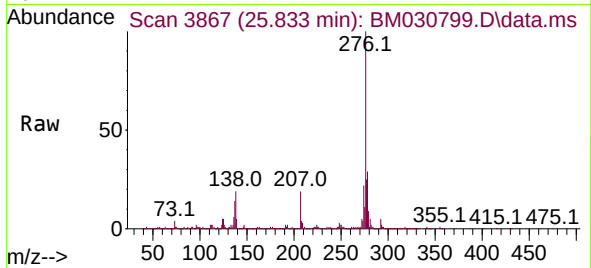
#95
Dibenzo(a,h)anthracene
Concen: 9.61 ng/ul
RT: 25.833 min Scan# 3867
Delta R.T. -0.012 min
Lab File: BM030799.D
Acq: 03 Jul 2021 06:48

Tgt Ion:278 Resp: 311898
Ion Ratio Lower Upper
278 100
139 17.4 12.8 19.2
279 29.2 19.1 28.7#

Instrument :
BNA_M
ClientSampled :
BGDX4

Manual Integrations
APPROVED

mohammad
7/6/2021 9:25:40 AM



#96
Benzo(g,h,i)perylene
Concen: 1.82 ng/ul
RT: 26.521 min Scan# 3984
Delta R.T. -0.017 min
Lab File: BM030799.D
Acq: 03 Jul 2021 06:48

Tgt Ion:276 Resp: 59400
Ion Ratio Lower Upper
276 100
138 26.7 16.5 24.7#
277 28.2 18.5 27.7#

