

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031091.D
 Acq On : 23 Jul 2021 15:36
 Operator : CG/JU
 Sample : M2970-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEA1

Manual Integrations
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Quant Time: Jul 23 16:07:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 23 15:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	1303	0.40	ng/ul	0.00
4) Naphthalene-d8	10.406	136	5220	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.269	164	3607	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.013	188	8035	0.40	ng/ul	0.00
17) Chrysene-d12	21.200	240	10107	0.40	ng/ul	0.00
23) Perylene-d12	23.377	264	9899	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.220	96	2295	1.68	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.998	152	1606	0.18	ng/ul	0.00
18) Fluoranthene-d10	19.043	212	5988	0.19	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.455	128	4270	0.27	ng/ul	100
7) 2-Methylnaphthalene	12.070	142	684	0.06	ng/ul	100
8) 1-Methylnaphthalene	12.295	142	446	0.04	ng/ul	98
10) Acenaphthylene	13.986	152	9215	0.62	ng/ul	98
11) Acenaphthene	14.330	153	5590	0.43	ng/ul	98
12) Fluorene	15.319	166	9026	0.59	ng/ul	100
15) Phenanthrene	17.055	178	190394	7.46	ng/ul	98
16) Anthracene	17.145	178	82793	3.46	ng/ul	97
19) Fluoranthene	19.073	202	673735	16.56	ng/ul	98
20) Pyrene	19.436	202	450165	10.84	ng/ul	99
21) Benzo(a)anthracene	21.185	228	482168	11.94	ng/ul	96
22) Chrysene	21.239	228	379577	8.69	ng/ul	98
24) Benzo(b)fluoranthene	22.733	252	468753m	10.07	ng/ul	
25) Benzo(k)fluoranthene	22.769	252	181882m	3.85	ng/ul	
26) Benzo(a)pyrene	23.283	252	212497	5.28	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.536	276	127060	2.41	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.538	278	48252	1.14	ng/ul	98
29) Benzo(g,h,i)perylene	26.190	276	5788	0.13	ng/ul#	78

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

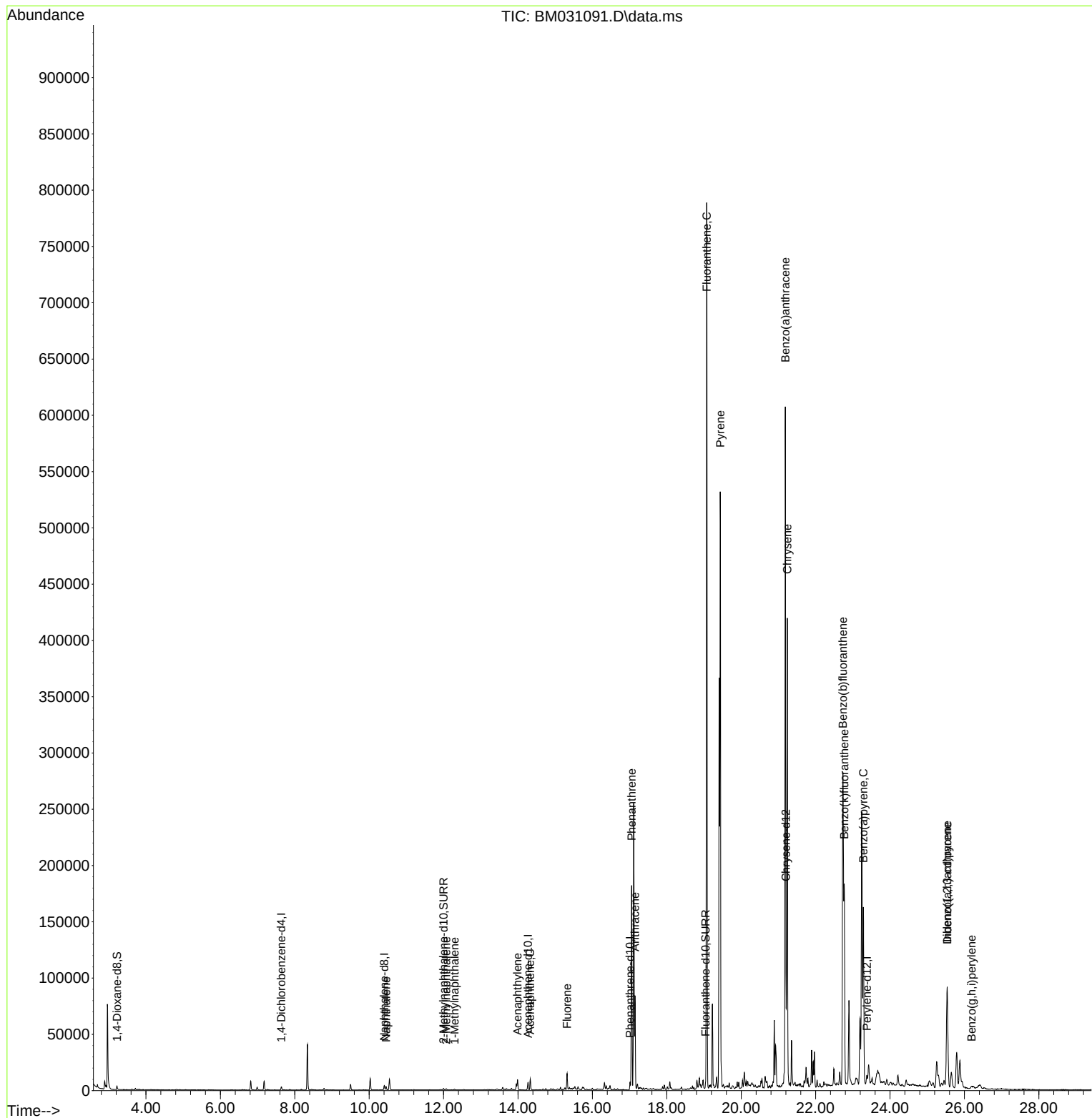
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
Data File : BM031091.D
Acq On : 23 Jul 2021 15:36
Operator : CG/JU
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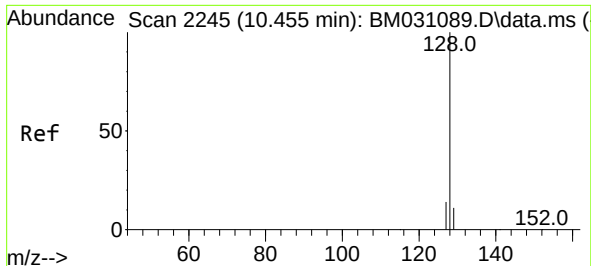
Instrument :
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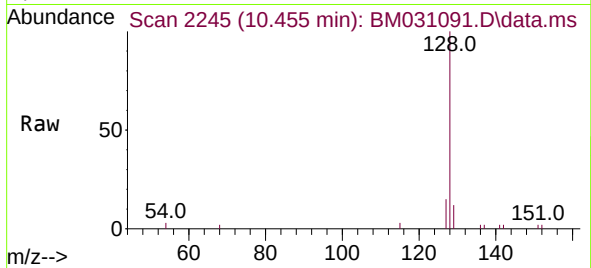
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Quant Time: Jul 23 16:07:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 15:24:34 2021
Response via : Initial Calibration

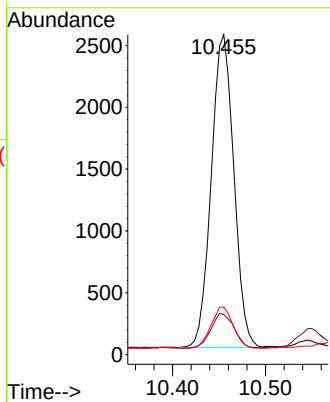
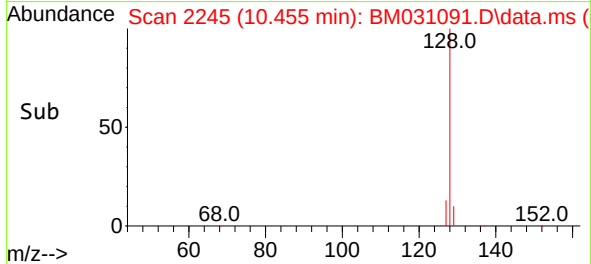




#5
Naphthalene
Concen: 0.27 ng/ul
RT: 10.455 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BM031091.D
Acq: 23 Jul 2021 15:36



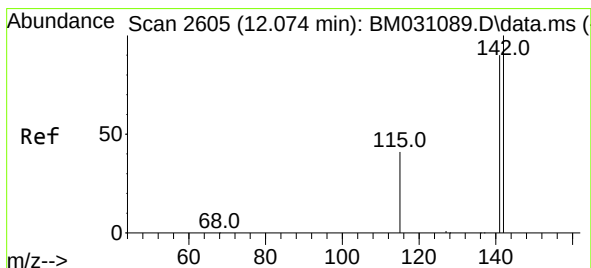
Tgt Ion:	128	Resp:	4270
Ion Ratio	Lower	Upper	
128	100		
129	12.5	10.2	15.4
127	14.8	11.8	17.8



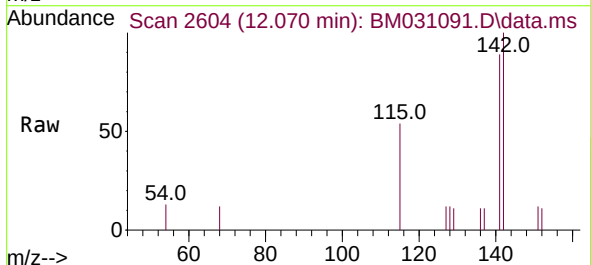
Instrument :
BNA_M
ClientSampleId :
BGEA1

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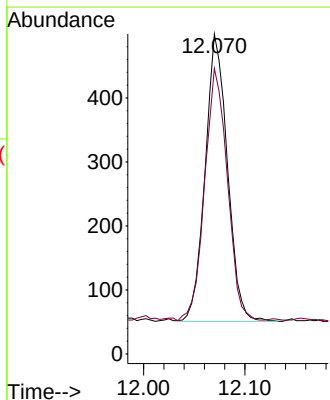
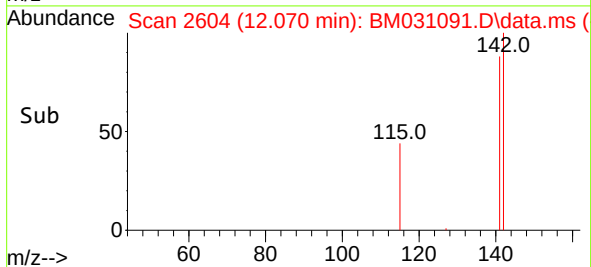
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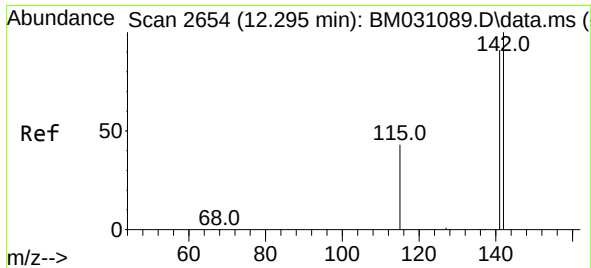


#7
2-Methylnaphthalene
Concen: 0.06 ng/ul
RT: 12.070 min Scan# 2604
Delta R.T. -0.004 min
Lab File: BM031091.D
Acq: 23 Jul 2021 15:36



Tgt Ion:	142	Resp:	684
Ion Ratio	Lower	Upper	
142	100		
141	89.6	71.5	107.3





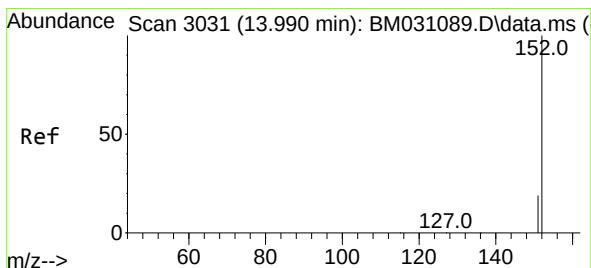
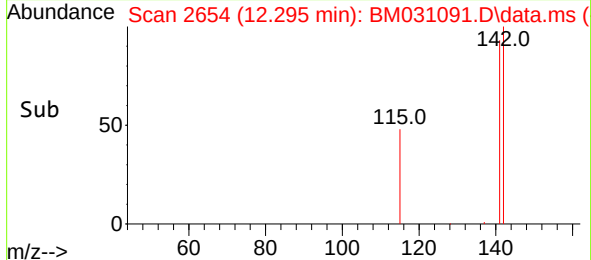
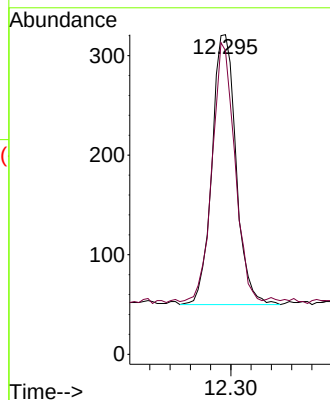
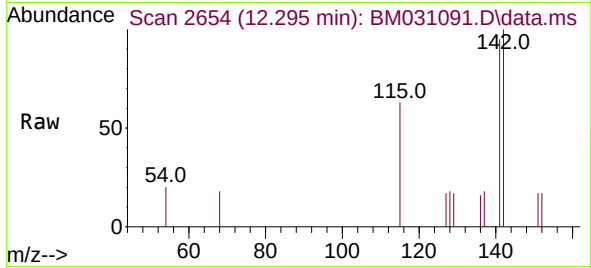
#8
1-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.295 min Scan# 2654
Delta R.T. 0.000 min
Lab File: BM031091.D
Acq: 23 Jul 2021 15:36

Tgt Ion:142 Resp: 446
Ion Ratio Lower Upper
142 100
141 90.6 74.2 111.4

Instrument :
BNA_M
ClientSampled :
BGEA1

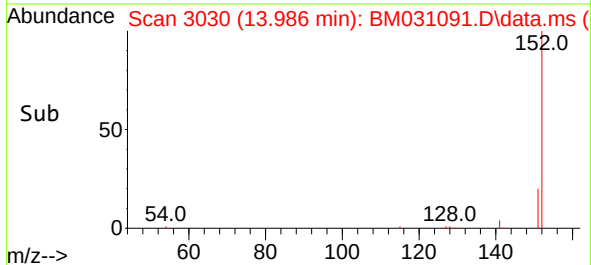
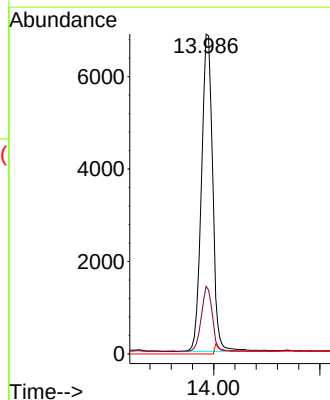
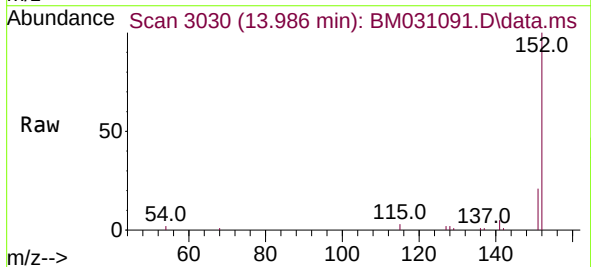
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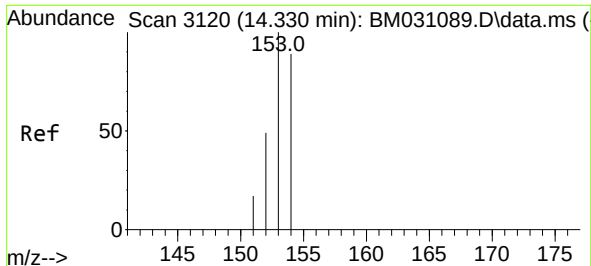
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#10
Acenaphthylene
Concen: 0.62 ng/ul
RT: 13.986 min Scan# 3030
Delta R.T. -0.004 min
Lab File: BM031091.D
Acq: 23 Jul 2021 15:36

Tgt Ion:152 Resp: 9215
Ion Ratio Lower Upper
152 100
151 21.1 17.5 26.3
153 0.0 0.0 0.0





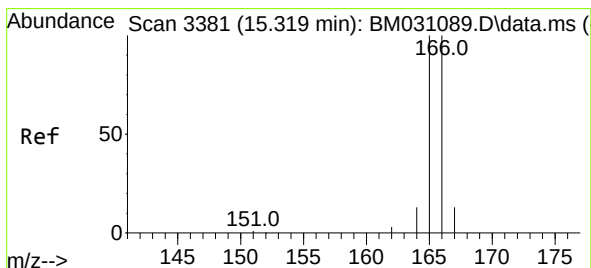
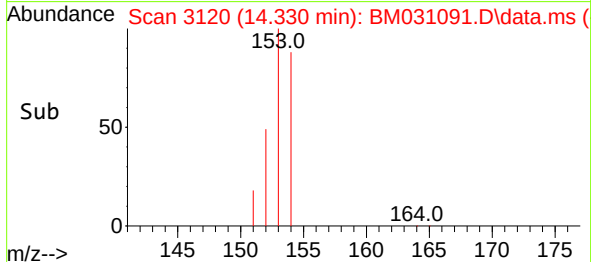
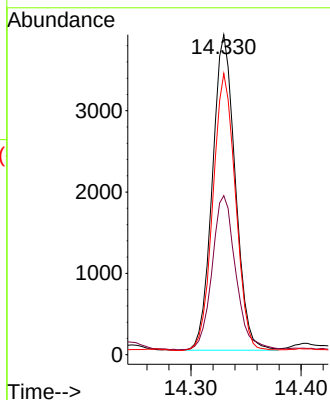
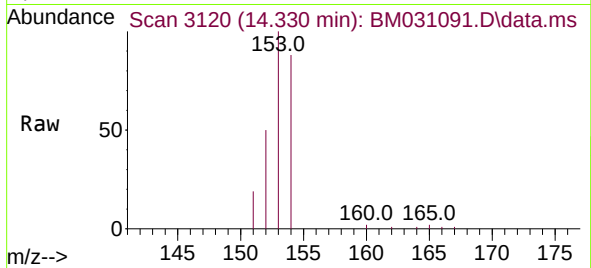
#11
Acenaphthene
Concen: 0.43 ng/ul
RT: 14.330 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BM031091.D
Acq: 23 Jul 2021 15:36

Tgt Ion:	153	Resp:	5590
Ion Ratio	Lower	Upper	
153	100		
152	49.7	39.4	59.2
154	87.9	68.2	102.4

Instrument :
BNA_M
ClientSampled :
BGEA1

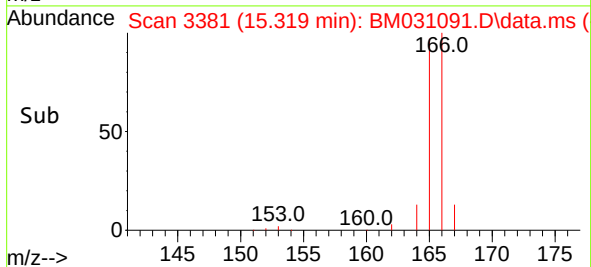
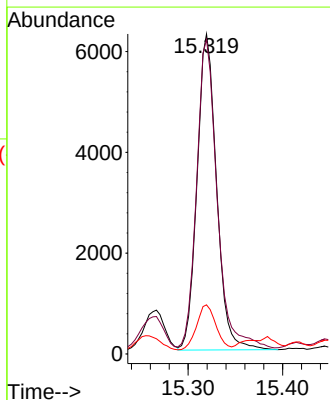
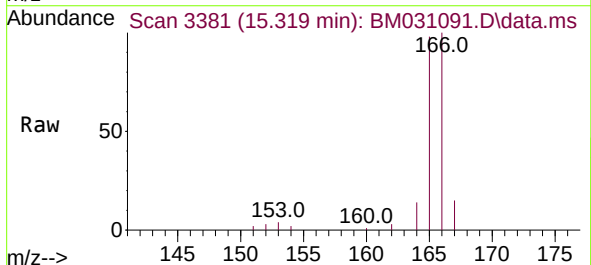
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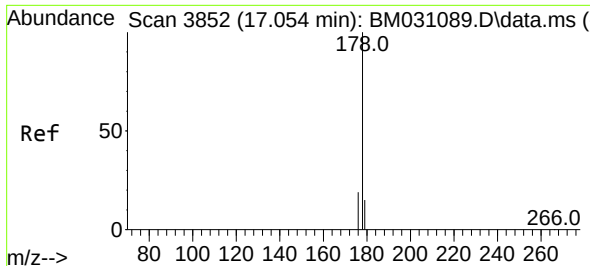
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#12
Fluorene
Concen: 0.59 ng/ul
RT: 15.319 min Scan# 3381
Delta R.T. 0.000 min
Lab File: BM031091.D
Acq: 23 Jul 2021 15:36

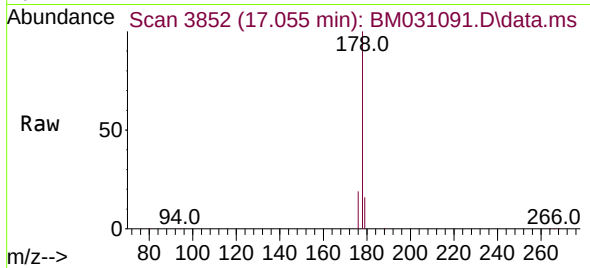
Tgt Ion:	166	Resp:	9026
Ion Ratio	Lower	Upper	
166	100		
165	98.3	78.2	117.2
167	15.4	12.3	18.5





#15
Phenanthrene
Concen: 7.46 ng/ul
RT: 17.055 min Scan# 3852
Delta R.T. 0.000 min
Lab File: BM031091.D
Acq: 23 Jul 2021 15:36

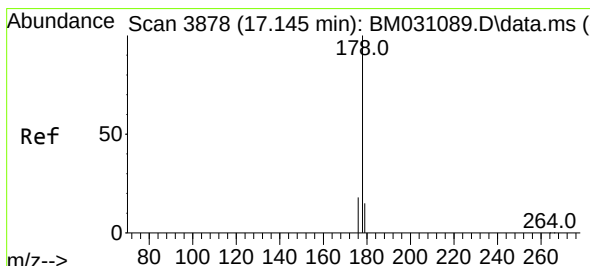
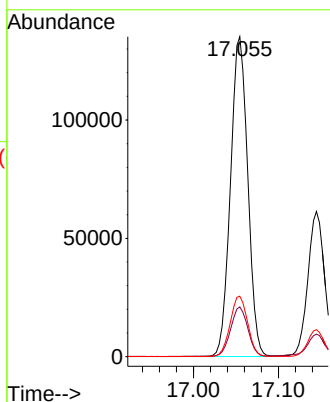
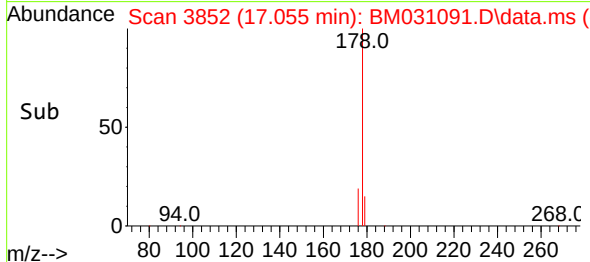
Instrument :
BNA_M
ClientSampled :
BGEA1



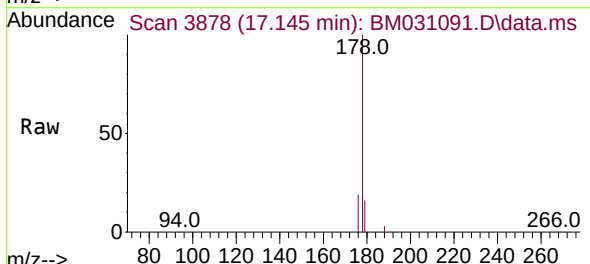
Tgt Ion:178 Resp: 190394
Ion Ratio Lower Upper
178 100
179 15.6 13.3 19.9
176 18.9 15.4 23.2

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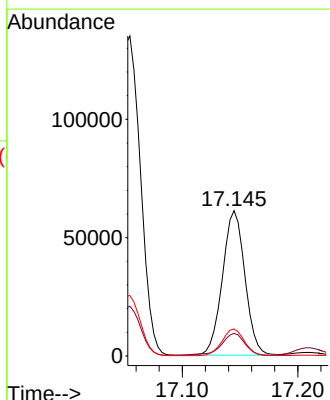
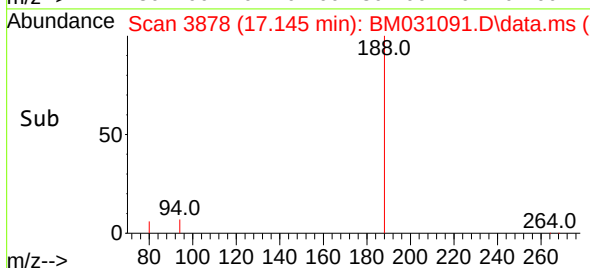
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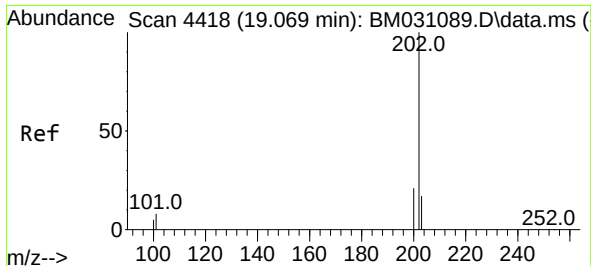


#16
Anthracene
Concen: 3.46 ng/ul
RT: 17.145 min Scan# 3878
Delta R.T. 0.000 min
Lab File: BM031091.D
Acq: 23 Jul 2021 15:36



Tgt Ion:178 Resp: 82793
Ion Ratio Lower Upper
178 100
179 15.5 13.8 20.8
176 18.6 15.7 23.5





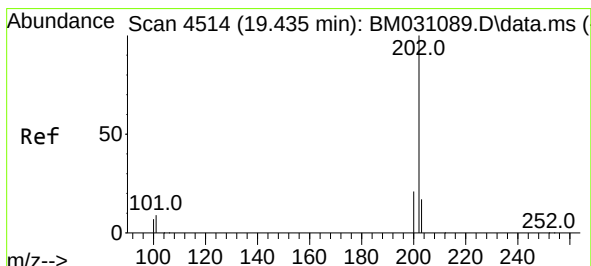
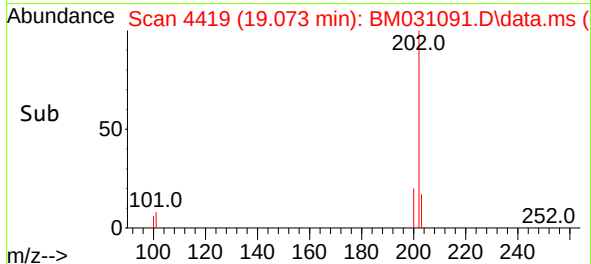
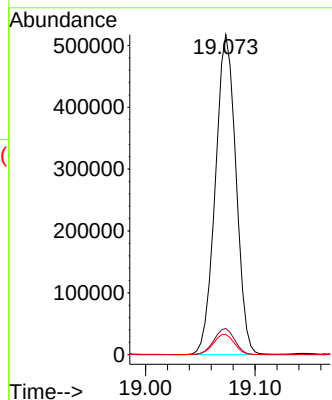
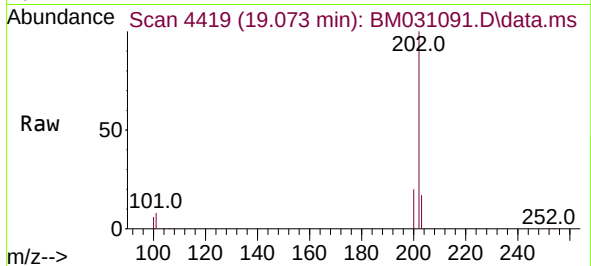
#19
Fluoranthene
Concen: 16.56 ng/ul
RT: 19.073 min Scan# 4419
Delta R.T. 0.004 min
Lab File: BM031091.D
Acq: 23 Jul 2021 15:36

Tgt Ion:202 Resp: 673735
Ion Ratio Lower Upper
202 100
101 8.2 6.0 9.0
100 6.3 4.8 7.2

Instrument :
BNA_M
ClientSampled :
BGEA1

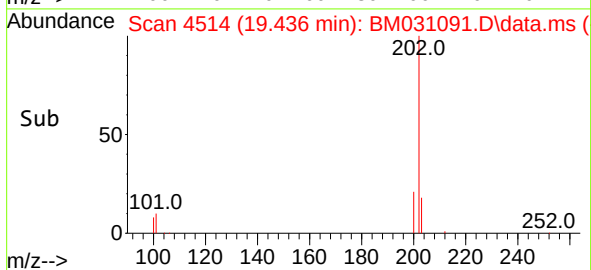
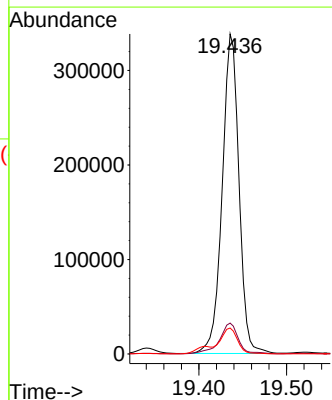
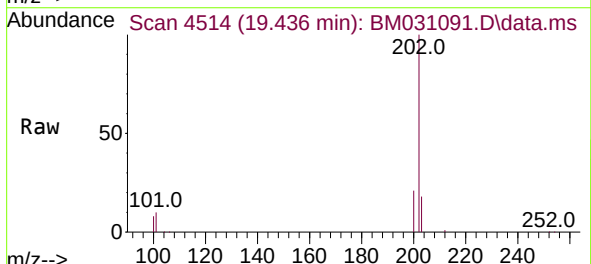
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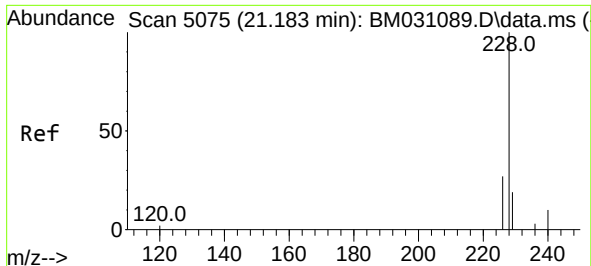
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#20
Pyrene
Concen: 10.84 ng/ul
RT: 19.436 min Scan# 4514
Delta R.T. 0.000 min
Lab File: BM031091.D
Acq: 23 Jul 2021 15:36

Tgt Ion:202 Resp: 450165
Ion Ratio Lower Upper
202 100
101 9.6 7.4 11.0
100 8.1 6.0 9.0





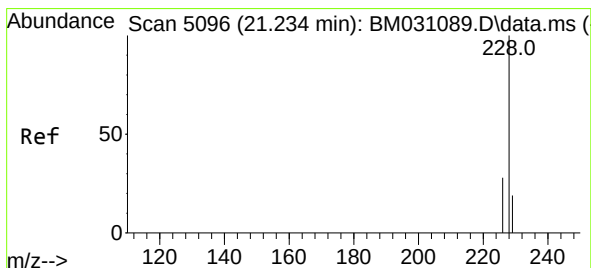
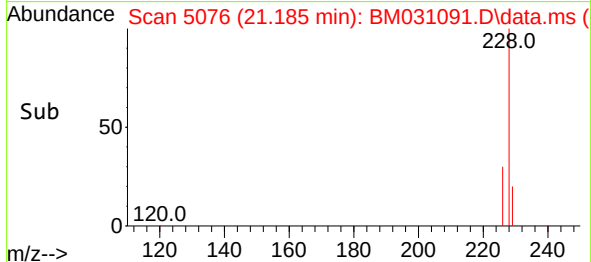
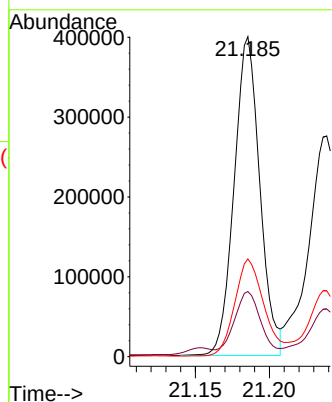
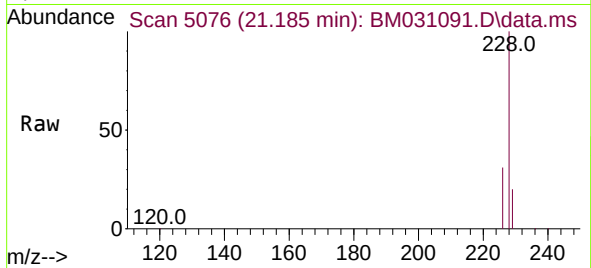
#21
Benzo(a)anthracene
Concen: 11.94 ng/ul
RT: 21.185 min Scan# 5076
Delta R.T. 0.002 min
Lab File: BM031091.D
Acq: 23 Jul 2021 15:36

Tgt Ion:228 Resp: 482168
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 30.5 21.4 32.2

Instrument :
BNA_M
ClientSampled :
BGEA1

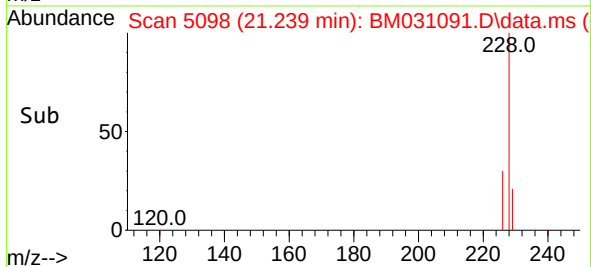
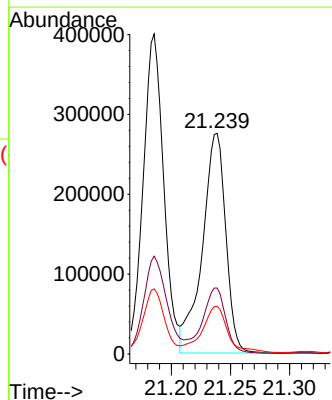
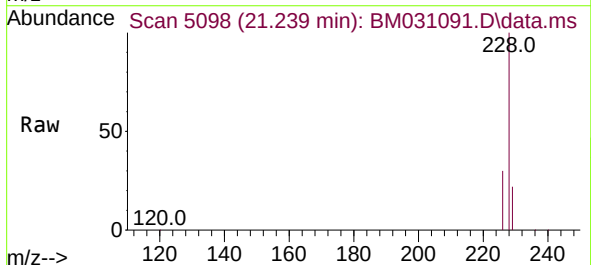
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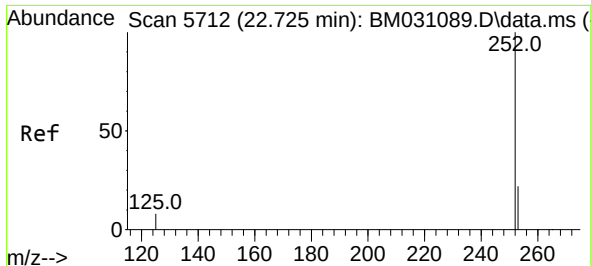
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#22
Chrysene
Concen: 8.69 ng/ul
RT: 21.239 min Scan# 5098
Delta R.T. 0.005 min
Lab File: BM031091.D
Acq: 23 Jul 2021 15:36

Tgt Ion:228 Resp: 379577
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 21.6 15.8 23.8





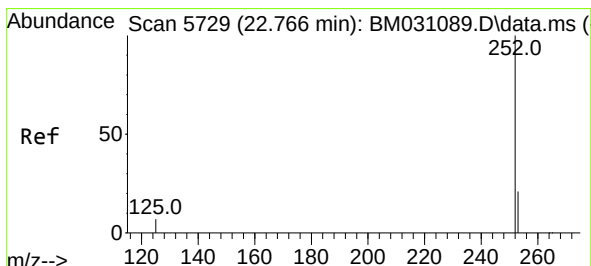
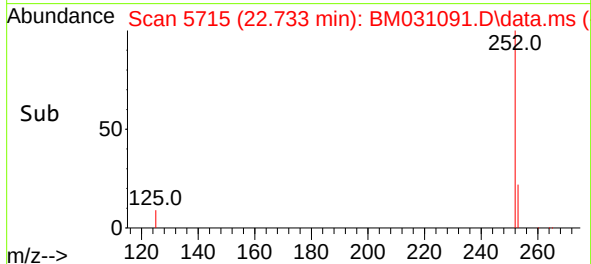
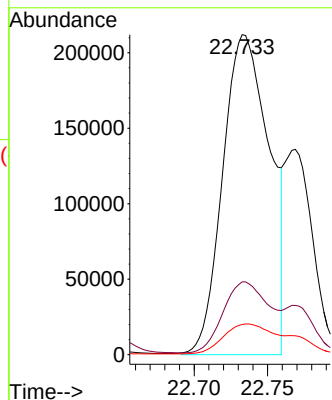
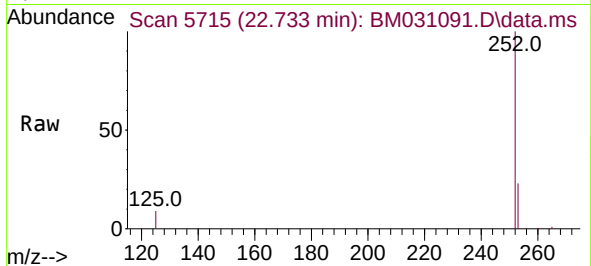
#24
Benzo(b)fluoranthene
Concen: 10.07 ng/ul m
RT: 22.733 min Scan# 5715
Delta R.T. 0.007 min
Lab File: BM031091.D
Acq: 23 Jul 2021 15:36

Tgt Ion:252 Resp: 468753
Ion Ratio Lower Upper
252 100
253 22.7 0.0 52.8
125 9.5 0.0 20.2

Instrument :
BNA_M
ClientSampled :
BGEA1

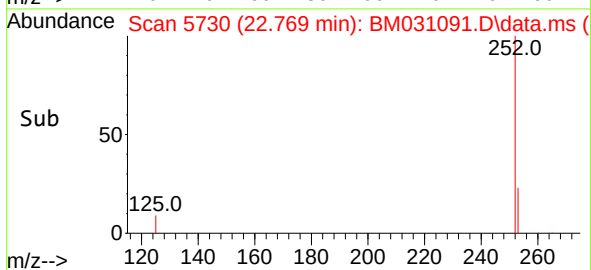
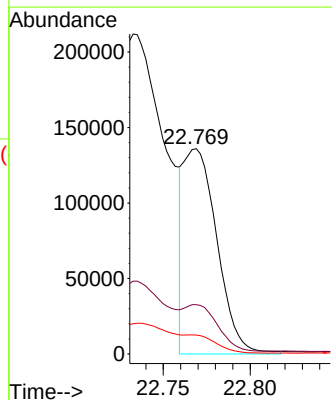
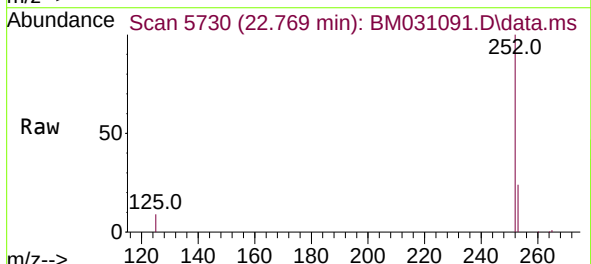
Manual Integrations
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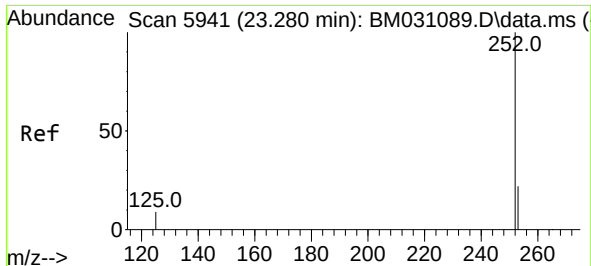
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#25
Benzo(k)fluoranthene
Concen: 3.85 ng/ul m
RT: 22.769 min Scan# 5730
Delta R.T. 0.003 min
Lab File: BM031091.D
Acq: 23 Jul 2021 15:36

Tgt Ion:252 Resp: 181882
Ion Ratio Lower Upper
252 100
253 24.0 21.6 32.4
125 9.2 8.6 13.0





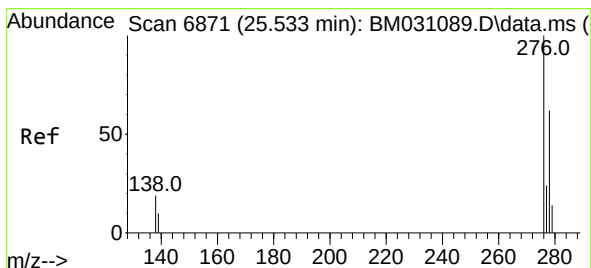
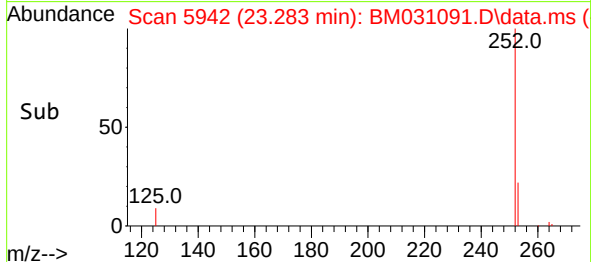
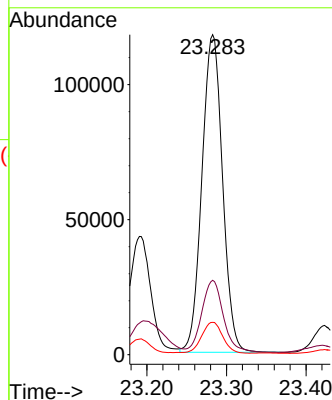
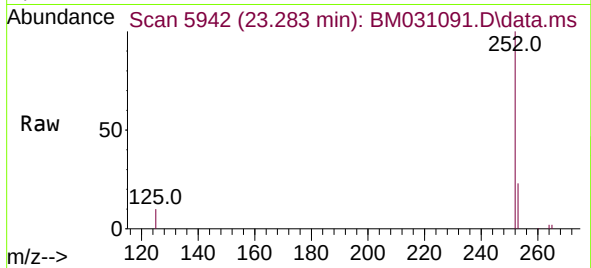
#26
Benzo(a)pyrene
Concen: 5.28 ng/ul
RT: 23.283 min Scan# 5942
Delta R.T. 0.002 min
Lab File: BM031091.D
Acq: 23 Jul 2021 15:36

Tgt Ion:252 Resp: 212497
Ion Ratio Lower Upper
252 100
253 23.2 23.1 34.7
125 10.1 10.7 16.1#

Instrument :
BNA_M
ClientSampled :
BGEA1

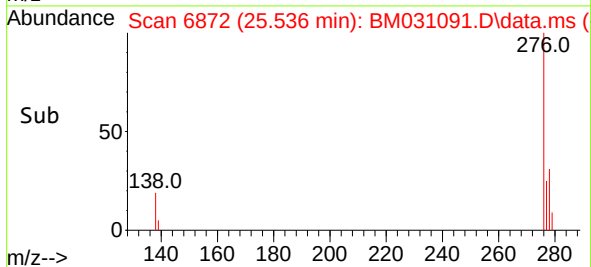
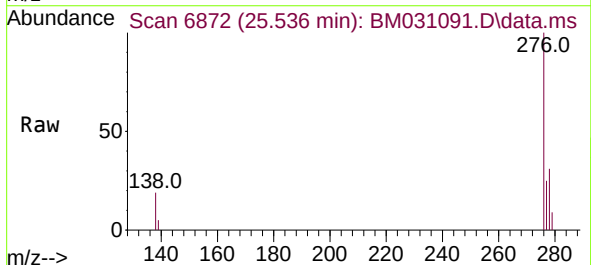
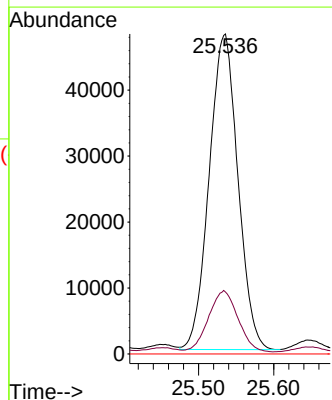
Manual Integrations
APPROVED

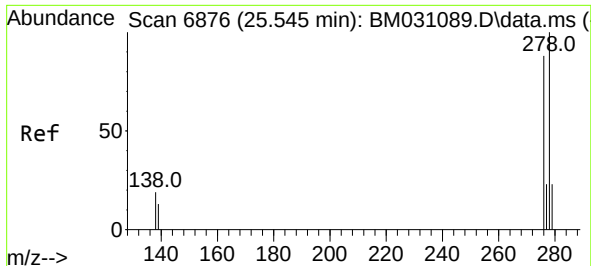
mohammad
7/26/2021 1:25:43 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.41 ng/ul
RT: 25.536 min Scan# 6872
Delta R.T. 0.003 min
Lab File: BM031091.D
Acq: 23 Jul 2021 15:36

Tgt Ion:276 Resp: 127060
Ion Ratio Lower Upper
276 100
138 19.9 15.4 23.0
227 0.0 0.0 0.0





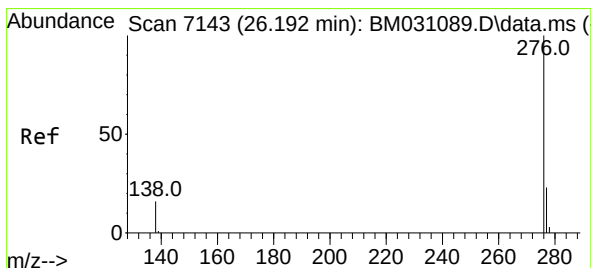
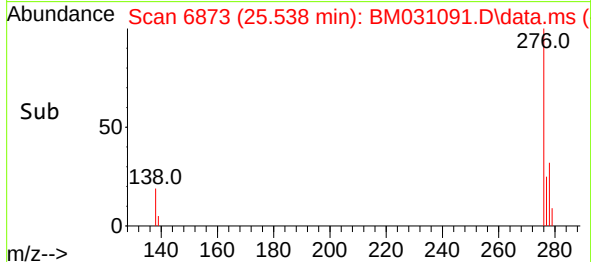
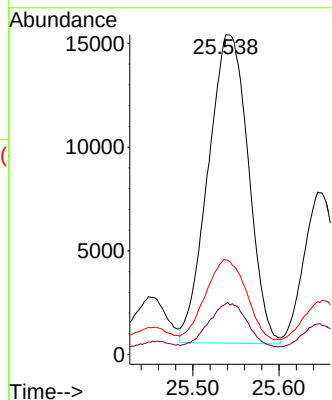
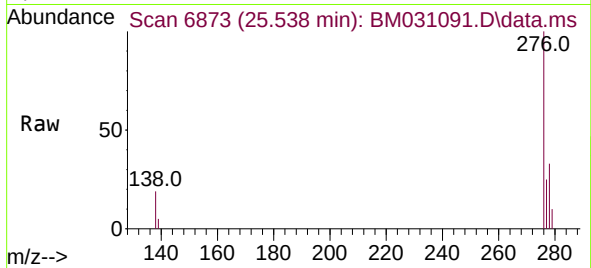
#28
Dibenzo(a,h)anthracene
Concen: 1.14 ng/ul
RT: 25.538 min Scan# 6873
Delta R.T. -0.007 min
Lab File: BM031091.D
Acq: 23 Jul 2021 15:36

Tgt Ion:278 Resp: 48252
Ion Ratio Lower Upper
278 100
139 15.9 12.6 18.8
279 29.6 22.6 34.0

Instrument :
BNA_M
ClientSampled :
BGEA1

Manual Integrations
APPROVED

mohammad
7/26/2021 1:25:43 PM



#29
Benzo(g,h,i)perylene
Concen: 0.13 ng/ul
RT: 26.190 min Scan# 7142
Delta R.T. -0.002 min
Lab File: BM031091.D
Acq: 23 Jul 2021 15:36

Tgt Ion:276 Resp: 5788
Ion Ratio Lower Upper
276 100
138 27.5 14.0 21.0#
277 35.7 19.9 29.9#

