

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031095.D
 Acq On : 23 Jul 2021 18:06
 Operator : CG/JU
 Sample : M2970-19
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGED2

Manual Integrations
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Quant Time: Jul 23 18:48:53 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 18:04:27 2021
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.639	152	1668	0.40 ng/ul	0.00
4) Naphthalene-d8	10.401	136	6846	0.40 ng/ul	0.00
9) Acenaphthene-d10	14.265	164	4793	0.40 ng/ul	0.00
13) Phenanthrene-d10	17.013	188	10158	0.40 ng/ul	0.00
17) Chrysene-d12	21.197	240	9386	0.40 ng/ul	0.00
23) Perylene-d12	23.372	264	8140	0.40 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.217	96	6368	3.63 ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.998	152	3295	0.27 ng/ul	0.00
18) Fluoranthene-d10	19.039	212	9030	0.32 ng/ul	0.00
Target Compounds					Qvalue
5) Naphthalene	10.455	128	1648	0.08 ng/ul	94
7) 2-Methylnaphthalene	12.070	142	348	0.02 ng/ul	97
10) Acenaphthylene	13.986	152	3440	0.18 ng/ul	99
11) Acenaphthene	14.330	153	785	0.05 ng/ul	92
12) Fluorene	15.319	166	2016	0.10 ng/ul#	95
15) Phenanthrene	17.054	178	68372	2.12 ng/ul	98
16) Anthracene	17.145	178	29233	0.97 ng/ul	97
19) Fluoranthene	19.069	202	262794	6.95 ng/ul#	96
20) Pyrene	19.435	202	173281	4.49 ng/ul	97
21) Benzo(a)anthracene	21.181	228	143519	3.83 ng/ul	97
22) Chrysene	21.234	228	118503	2.92 ng/ul	97
24) Benzo(b)fluoranthene	22.725	252	141367m	3.69 ng/ul	
25) Benzo(k)fluoranthene	22.766	252	54624m	1.41 ng/ul	
26) Benzo(a)pyrene	23.278	252	58766	1.78 ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.526	276	36458	0.84 ng/ul#	97
28) Dibenzo(a,h)anthracene	25.541	278	14520	0.42 ng/ul	94
29) Benzo(g,h,i)perylene	26.185	276	1429	0.04 ng/ul#	59

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

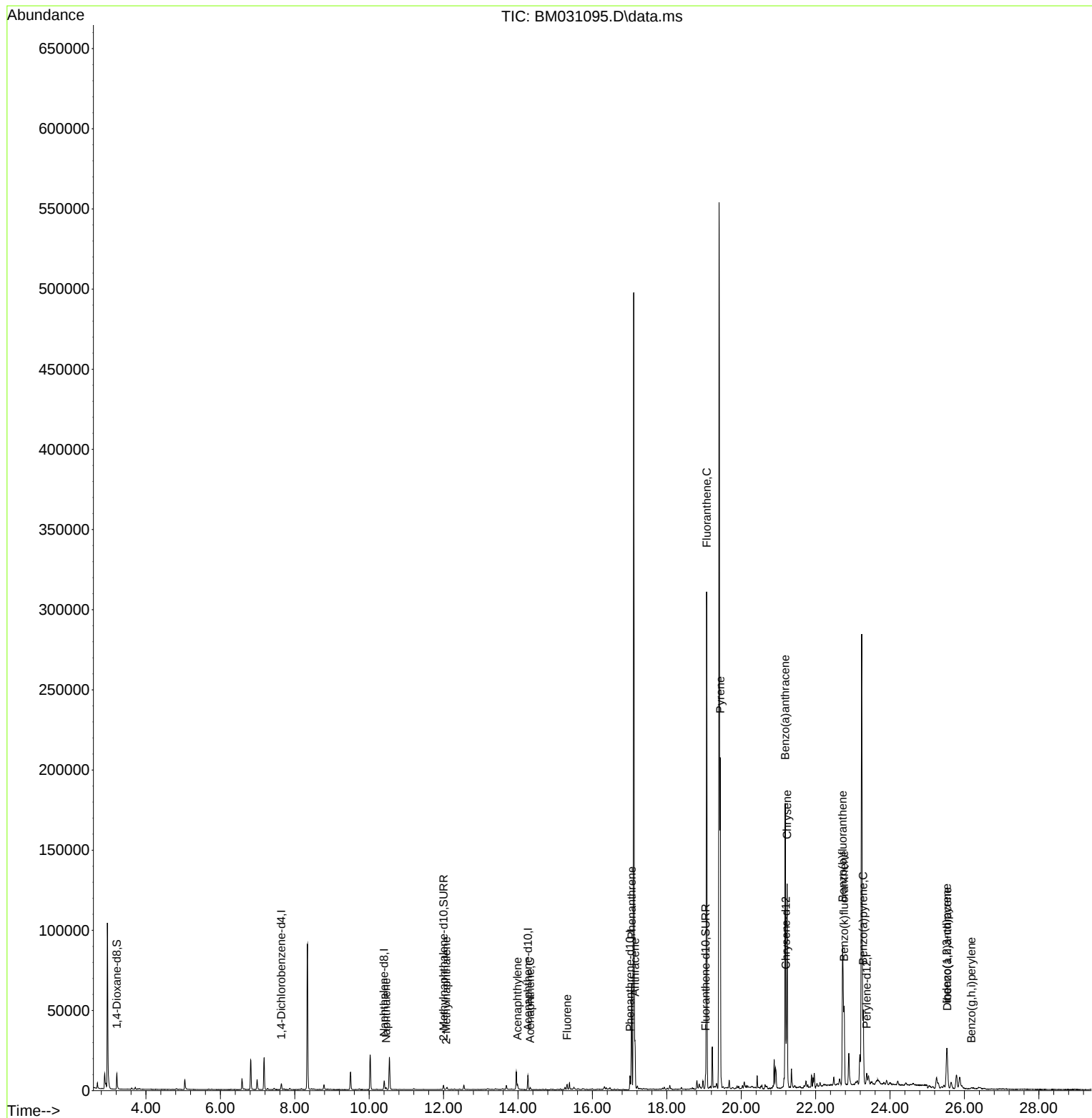
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Data File : BM031095.D
Acq On : 23 Jul 2021 18:06
Operator : CG/JU
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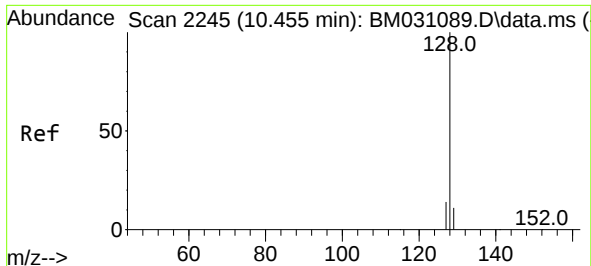
Instrument :
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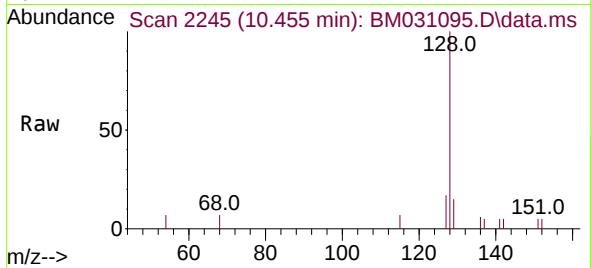
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Quant Time: Jul 23 18:48:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 18:04:27 2021
Response via : Initial Calibration

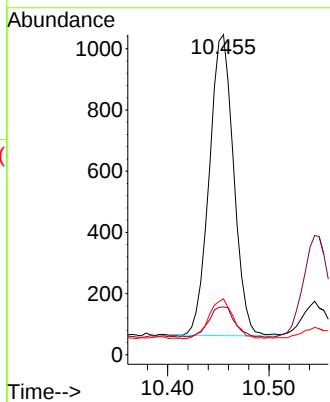
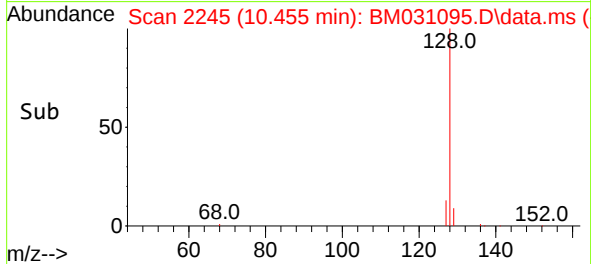




#5
Naphthalene
Concen: 0.08 ng/ul
RT: 10.455 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BM031095.D
Acq: 23 Jul 2021 18:06



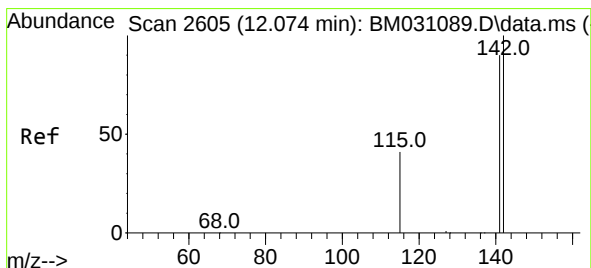
Tgt Ion:128 Resp: 1648
Ion Ratio Lower Upper
128 100
129 14.9 10.2 15.4
127 17.5 11.8 17.8



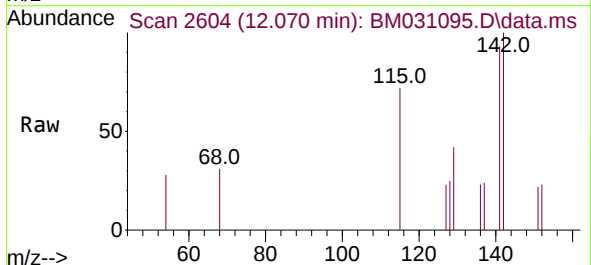
Instrument :
BNA_M
ClientSampled :
BGED2

Manual Integrations
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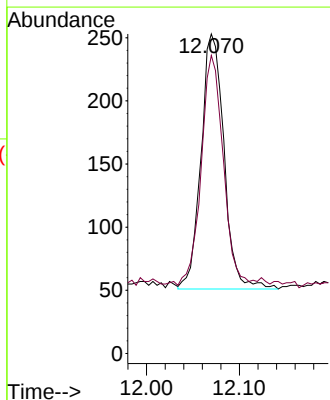
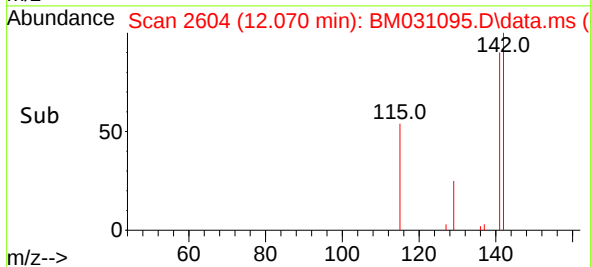
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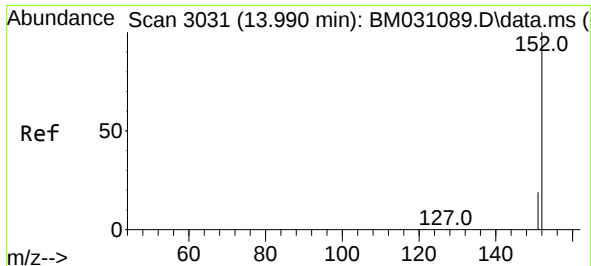


#7
2-Methylnaphthalene
Concen: 0.02 ng/ul
RT: 12.070 min Scan# 2604
Delta R.T. -0.004 min
Lab File: BM031095.D
Acq: 23 Jul 2021 18:06



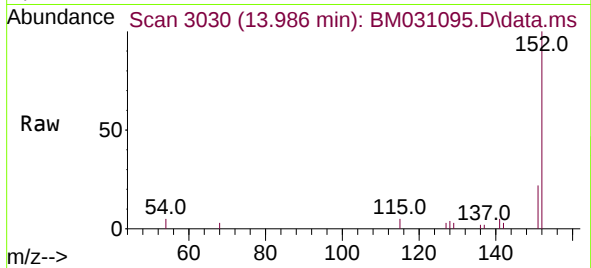
Tgt Ion:142 Resp: 348
Ion Ratio Lower Upper
142 100
141 86.5 71.5 107.3





#10
Acenaphthylene
Concen: 0.18 ng/ul
RT: 13.986 min Scan# 3030
Delta R.T. -0.004 min
Lab File: BM031095.D
Acq: 23 Jul 2021 18:06

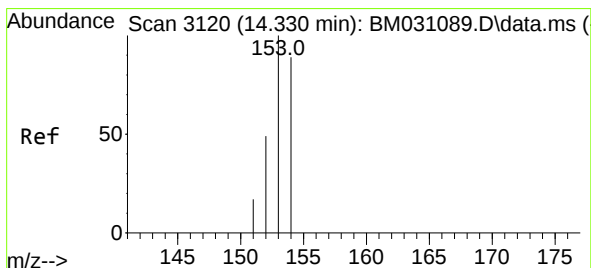
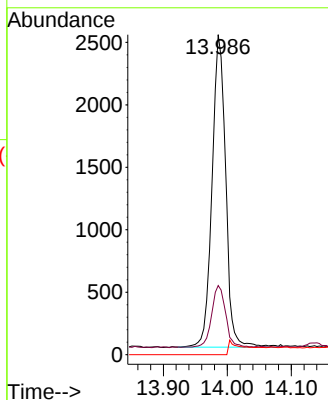
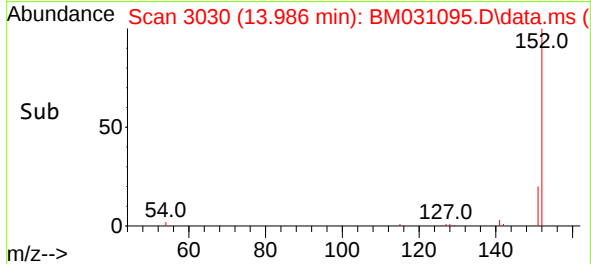
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BNA_M
ClientSampled :
BGED2



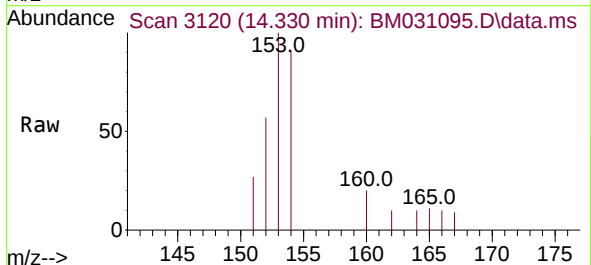
Tgt Ion:152 Resp: 3440
Ion Ratio Lower Upper
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151 21.6 17.5 26.3
153 0.0 0.0 0.0

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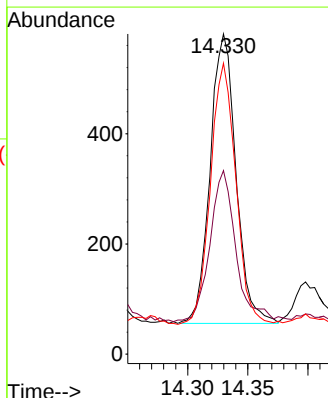
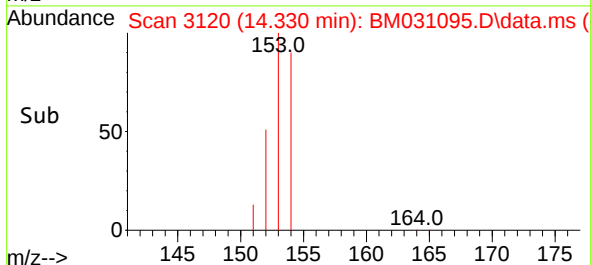
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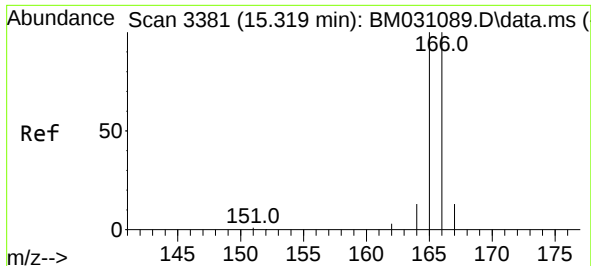


#11
Acenaphthene
Concen: 0.05 ng/ul
RT: 14.330 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BM031095.D
Acq: 23 Jul 2021 18:06



Tgt Ion:153 Resp: 785
Ion Ratio Lower Upper
153 100
152 57.3 39.4 59.2
154 90.9 68.2 102.4





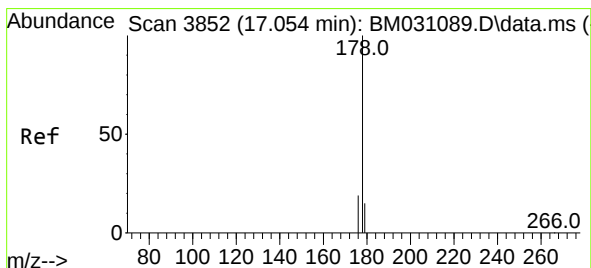
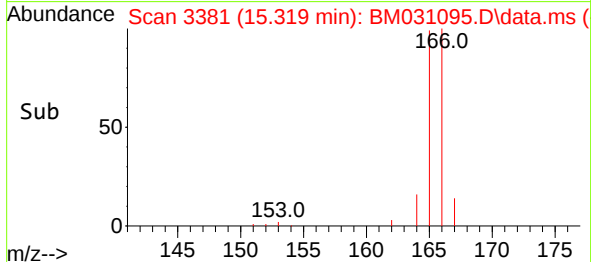
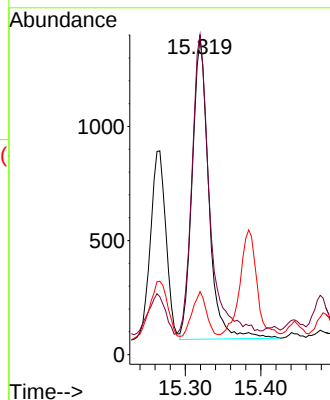
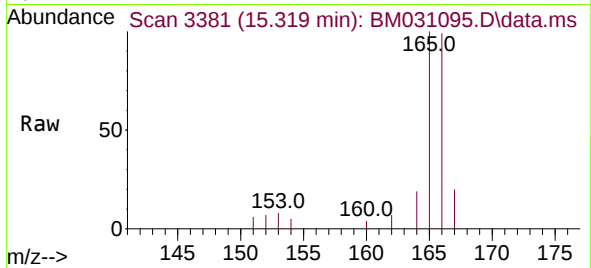
#12
Fluorene
Concen: 0.10 ng/ul
RT: 15.319 min Scan# 3381
Delta R.T. 0.000 min
Lab File: BM031095.D
Acq: 23 Jul 2021 18:06

Tgt Ion:166 Resp: 2016
Ion Ratio Lower Upper
166 100
165 101.4 78.2 117.2
167 20.0 12.3 18.5#

Instrument :
BNA_M
ClientSampled :
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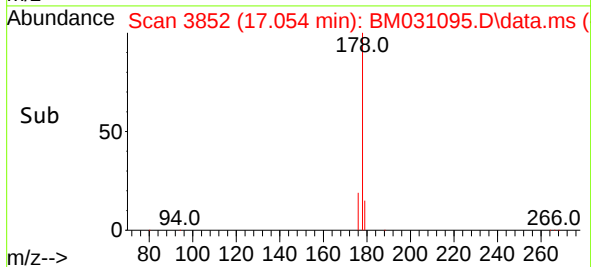
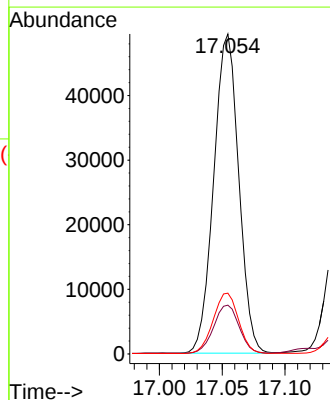
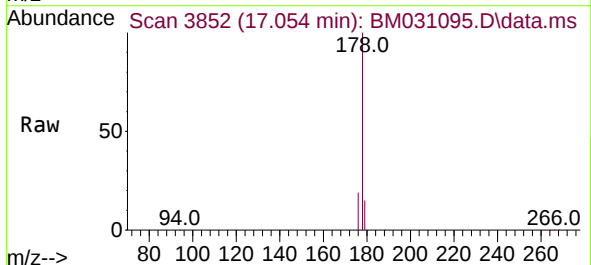
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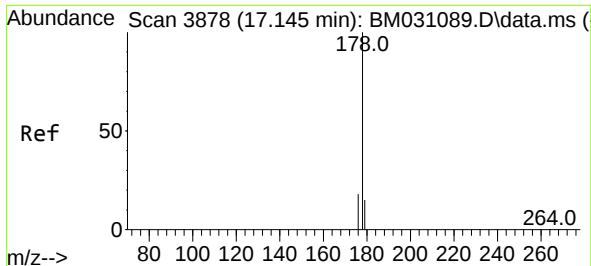
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#15
Phenanthrene
Concen: 2.12 ng/ul
RT: 17.054 min Scan# 3852
Delta R.T. 0.000 min
Lab File: BM031095.D
Acq: 23 Jul 2021 18:06

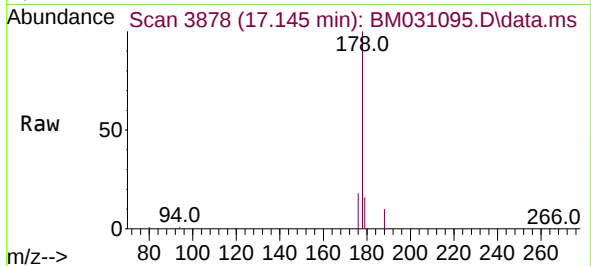
Tgt Ion:178 Resp: 68372
Ion Ratio Lower Upper
178 100
179 15.3 13.3 19.9
176 19.0 15.4 23.2





#16
 Anthracene
 Concen: 0.97 ng/ul
 RT: 17.145 min Scan# 3878
 Delta R.T. 0.000 min
 Lab File: BM031095.D
 Acq: 23 Jul 2021 18:06

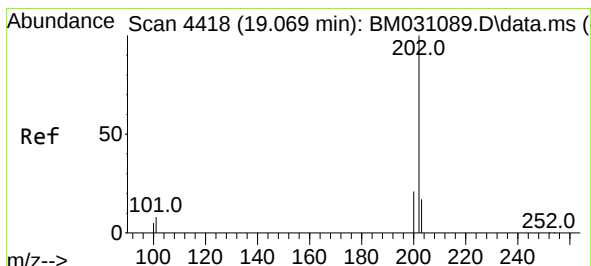
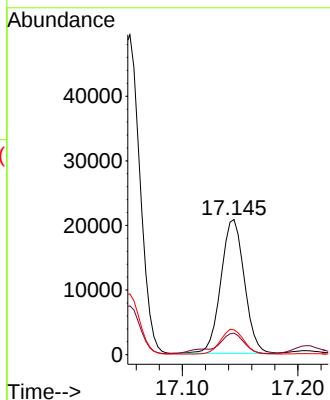
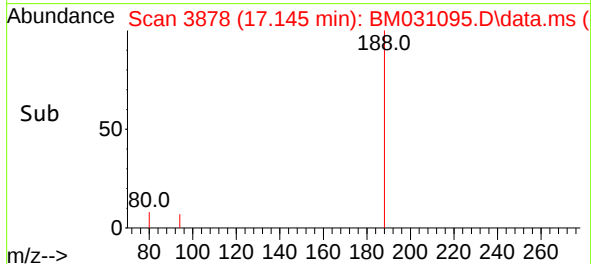
Instrument :
 BNA_M
 ClientSampled :
 BGED2



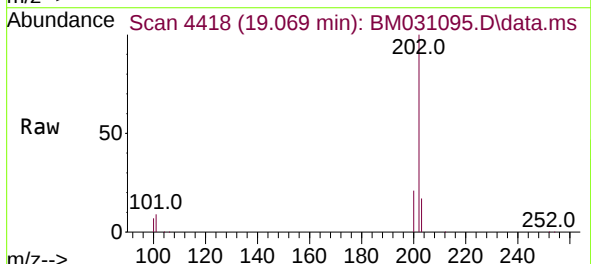
Tgt Ion:178 Resp: 29233
 Ion Ratio Lower Upper
 178 100
 179 15.9 13.8 20.8
 176 18.4 15.7 23.5

Manual Integrations
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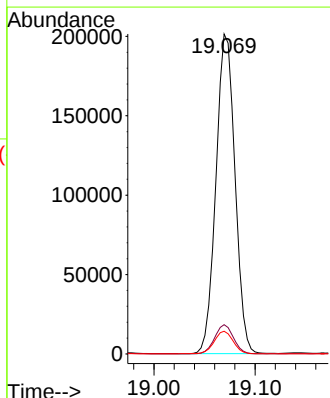
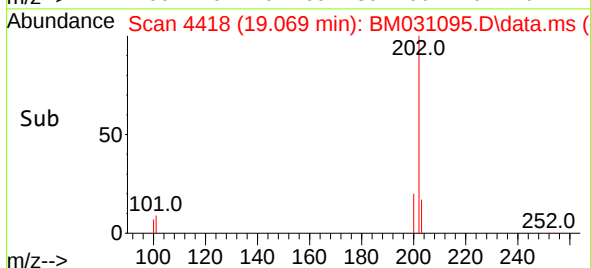
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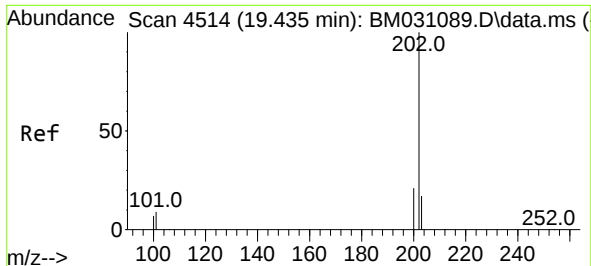


#19
 Fluoranthene
 Concen: 6.95 ng/ul
 RT: 19.069 min Scan# 4418
 Delta R.T. 0.000 min
 Lab File: BM031095.D
 Acq: 23 Jul 2021 18:06



Tgt Ion:202 Resp: 262794
 Ion Ratio Lower Upper
 202 100
 101 9.1 6.0 9.0#
 100 7.1 4.8 7.2





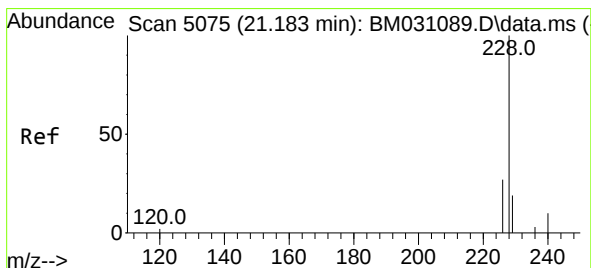
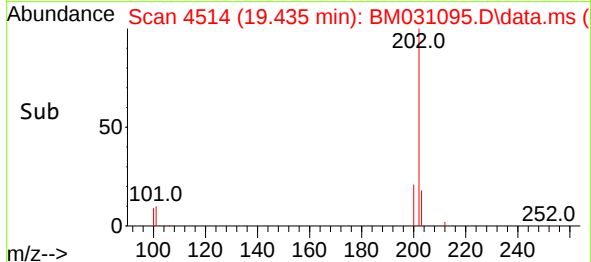
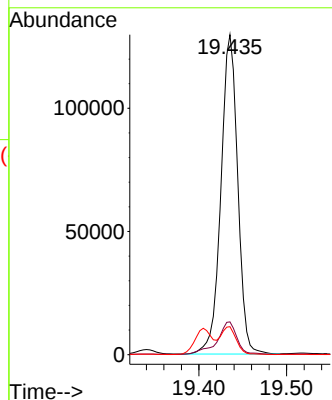
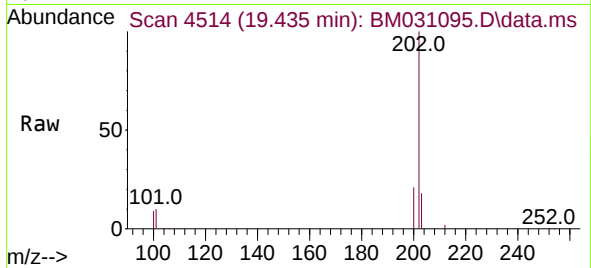
#20
Pyrene
Concen: 4.49 ng/ul
RT: 19.435 min Scan# 4514
Delta R.T. 0.000 min
Lab File: BM031095.D
Acq: 23 Jul 2021 18:06

Tgt Ion:202 Resp: 173281
Ion Ratio Lower Upper
202 100
101 10.2 7.4 11.0
100 8.8 6.0 9.0

Instrument :
BNA_M
ClientSampled :
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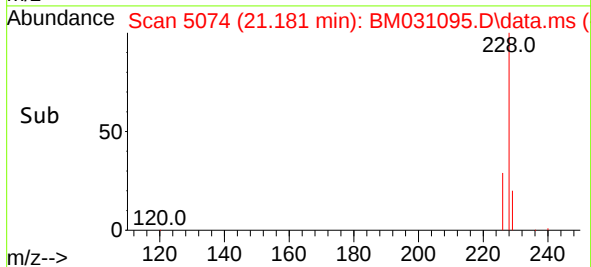
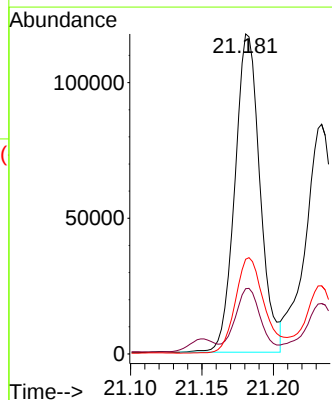
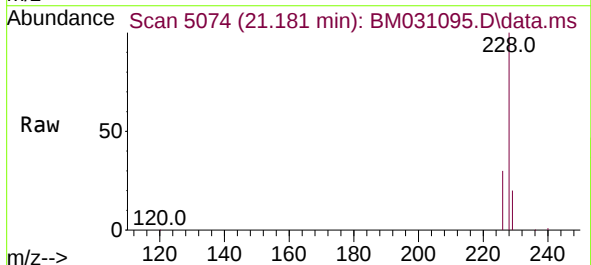
Manual Integrations
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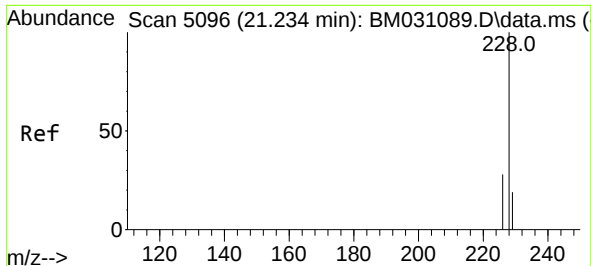
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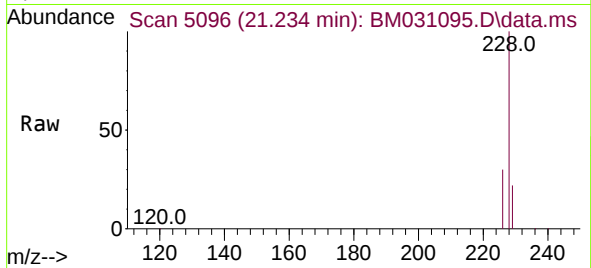
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Benzo(a)anthracene
Concen: 3.83 ng/ul
RT: 21.181 min Scan# 5074
Delta R.T. -0.002 min
Lab File: BM031095.D
Acq: 23 Jul 2021 18:06

Tgt Ion:228 Resp: 143519
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 29.6 21.4 32.2

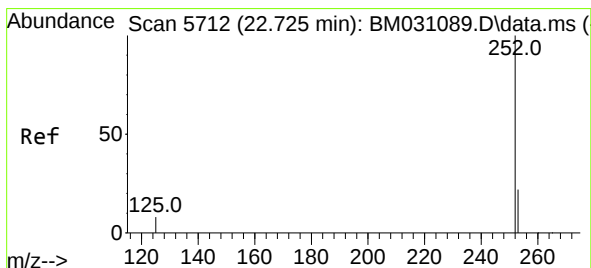
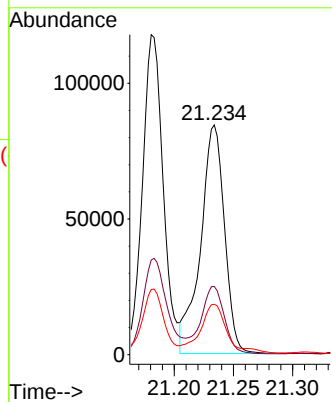
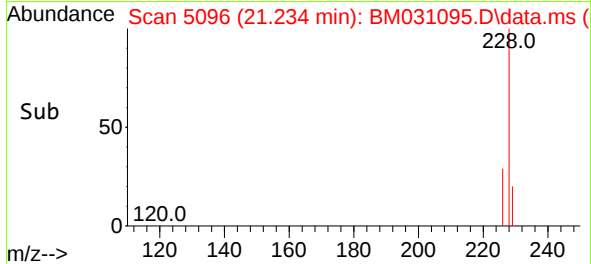




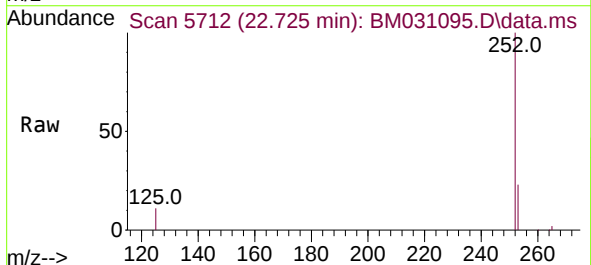
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Chrysene
Concen: 2.92 ng/ul
RT: 21.234 min Scan# 5096
Delta R.T. 0.000 min
Lab File: BM031095.D
Acq: 23 Jul 2021 18:06



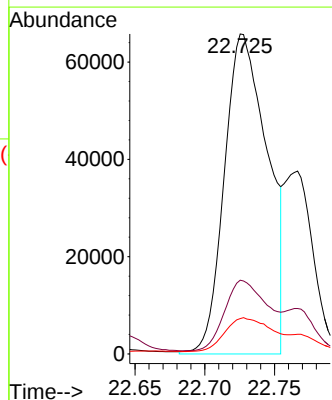
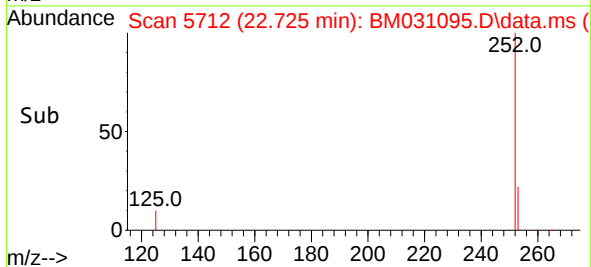
Tgt Ion:228 Resp: 118503
Ion Ratio Lower Upper
228 100
226 29.6 24.5 36.7
229 22.0 15.8 23.8



#24
Benzo(b)fluoranthene
Concen: 3.69 ng/ul m
RT: 22.725 min Scan# 5712
Delta R.T. 0.000 min
Lab File: BM031095.D
Acq: 23 Jul 2021 18:06



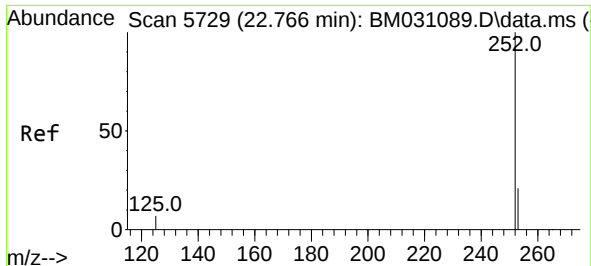
Tgt Ion:252 Resp: 141367
Ion Ratio Lower Upper
252 100
253 23.0 0.0 52.8
125 11.0 0.0 20.2



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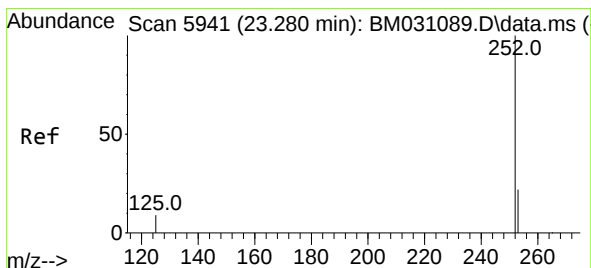
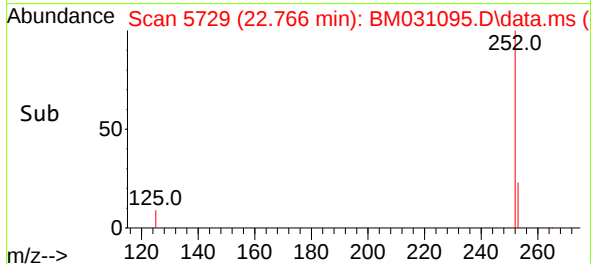
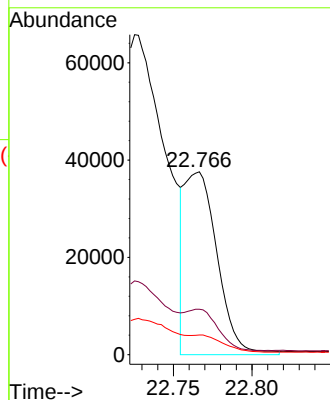
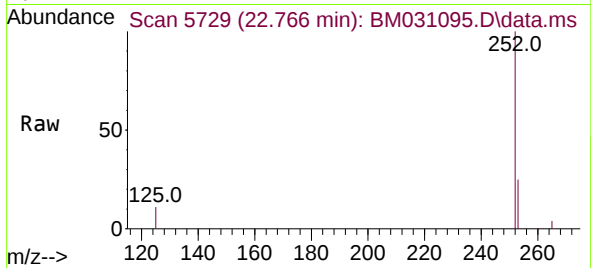
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Benzo(k)fluoranthene
Concen: 1.41 ng/ul m
RT: 22.766 min Scan# 5729
Delta R.T. 0.000 min
Lab File: BM031095.D
Acq: 23 Jul 2021 18:06

Tgt Ion:252 Resp: 54624
Ion Ratio Lower Upper
252 100
253 24.9 21.6 32.4
125 10.7 8.6 13.0

Instrument :
BNA_M
ClientSampled :
BGED2

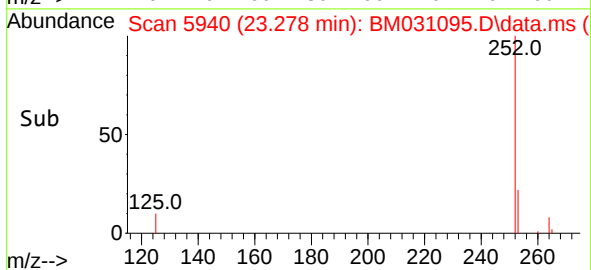
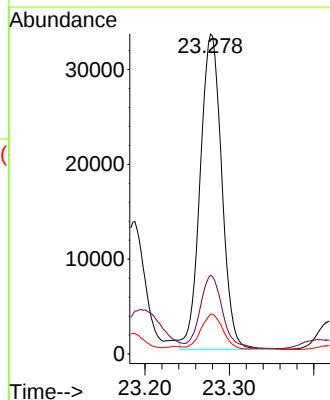
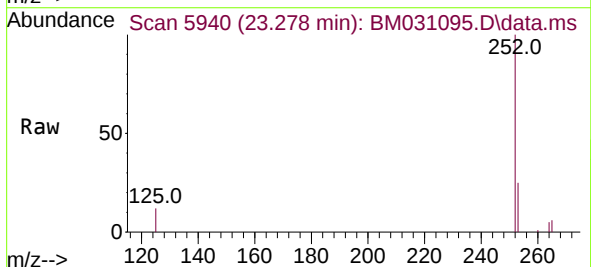
Manual Integrations
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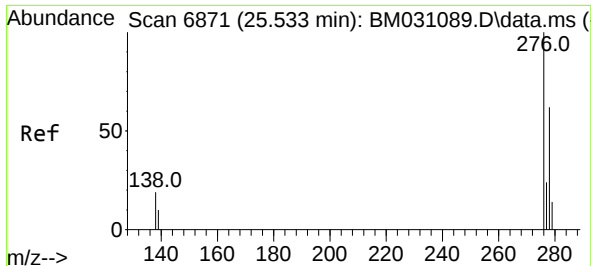
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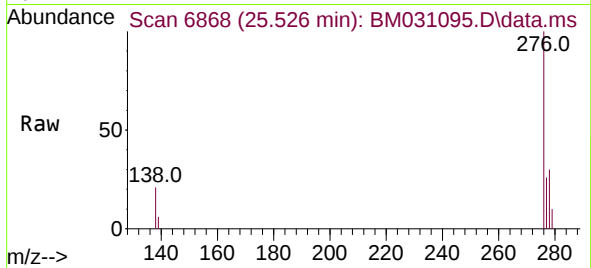
#26
Benzo(a)pyrene
Concen: 1.78 ng/ul
RT: 23.278 min Scan# 5940
Delta R.T. -0.002 min
Lab File: BM031095.D
Acq: 23 Jul 2021 18:06

Tgt Ion:252 Resp: 58766
Ion Ratio Lower Upper
252 100
253 24.6 23.1 34.7
125 12.4 10.7 16.1

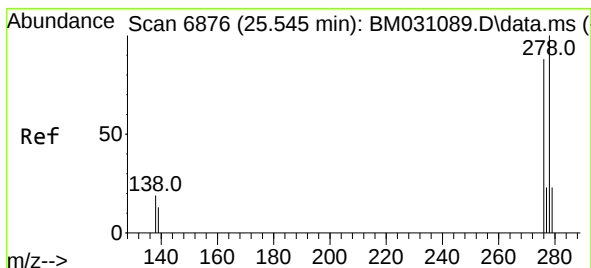
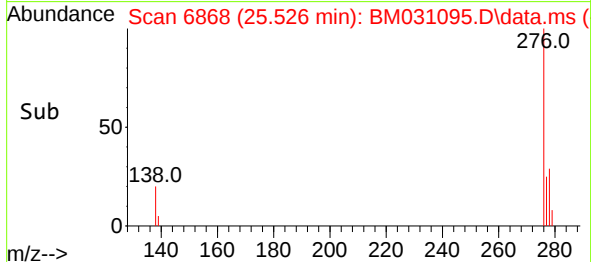
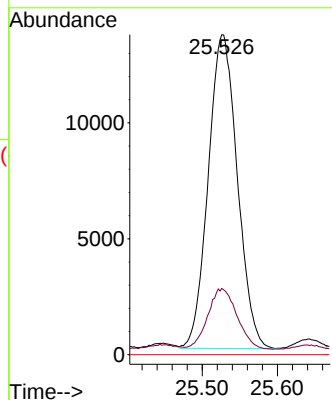




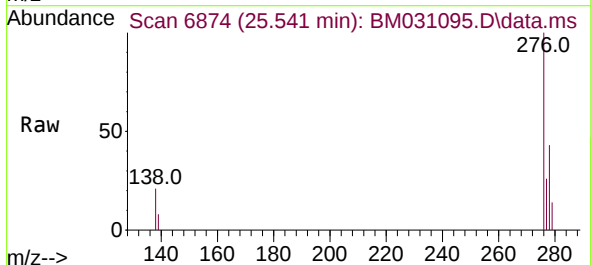
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.84 ng/ul
RT: 25.526 min Scan# 6868
Delta R.T. -0.007 min
Lab File: BM031095.D
Acq: 23 Jul 2021 18:06



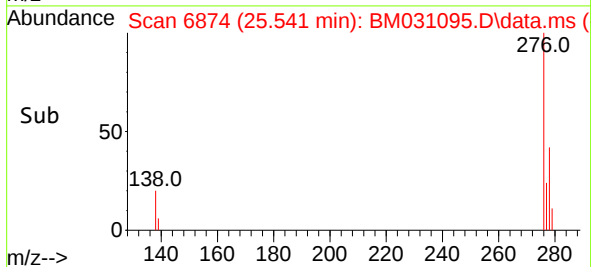
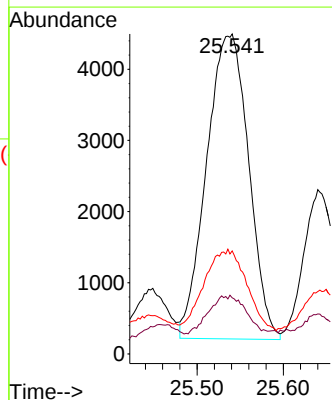
Tgt Ion: 276 Resp: 36458
Ion Ratio Lower Upper
276 100
138 20.4 15.4 23.0
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.42 ng/ul
RT: 25.541 min Scan# 6874
Delta R.T. -0.005 min
Lab File: BM031095.D
Acq: 23 Jul 2021 18:06



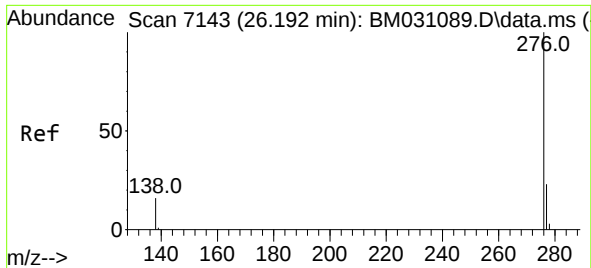
Tgt Ion: 278 Resp: 14520
Ion Ratio Lower Upper
278 100
139 17.5 12.6 18.8
279 32.2 22.6 34.0



Instrument :
BNA_M
ClientSampled :
BGED2

Manual Integrations
APPROVED

mohammad
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#29
Benzo(g,h,i)perylene
Concen: 0.04 ng/ul
RT: 26.185 min Scan# 7140
Delta R.T. -0.007 min
Lab File: BM031095.D
Acq: 23 Jul 2021 18:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	38.4	14.0	21.0#
277	43.1	19.9	29.9#

Instrument :
BNA_M
ClientSampleId :
BGED2

Manual Integrations
APPROVED

mohammad
7/26/2021 1:25:55 PM

