

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031096.D
 Acq On : 23 Jul 2021 18:43
 Operator : CG/JU
 Sample : M2970-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEB1

Manual Integrations
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Quant Time: Jul 24 00:53:17 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	1624	0.40	ng/ul	0.00
4) Naphthalene-d8	10.406	136	6504	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.265	164	4529	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.013	188	9571	0.40	ng/ul	0.00
17) Chrysene-d12	21.198	240	8957	0.40	ng/ul	0.00
23) Perylene-d12	23.370	264	7400	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	4652	2.73	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.998	152	2319	0.20	ng/ul	0.00
18) Fluoranthene-d10	19.039	212	6464	0.24	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.455	128	8413	0.43	ng/ul	98
7) 2-Methylnaphthalene	12.070	142	1451	0.10	ng/ul	99
8) 1-Methylnaphthalene	12.290	142	1689	0.12	ng/ul	100
10) Acenaphthylene	13.986	152	4971	0.27	ng/ul	98
11) Acenaphthene	14.330	153	43514	2.66	ng/ul	98
12) Fluorene	15.319	166	26607	1.38	ng/ul	99
15) Phenanthrene	17.051	178	135129	4.45	ng/ul	99
16) Anthracene	17.145	178	45441	1.60	ng/ul	97
19) Fluoranthene	19.069	202	148184	4.11	ng/ul#	96
20) Pyrene	19.435	202	104984	2.85	ng/ul	98
21) Benzo(a)anthracene	21.181	228	92519	2.59	ng/ul	96
22) Chrysene	21.231	228	82427	2.13	ng/ul	97
24) Benzo(b)fluoranthene	22.725	252	87150m	2.50	ng/ul	
25) Benzo(k)fluoranthene	22.764	252	36297m	1.03	ng/ul	
26) Benzo(a)pyrene	23.275	252	48420	1.61	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.524	276	25802	0.65	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.536	278	8975	0.28	ng/ul#	92
29) Benzo(g,h,i)perylene	26.190	276	1322	0.04	ng/ul#	64

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

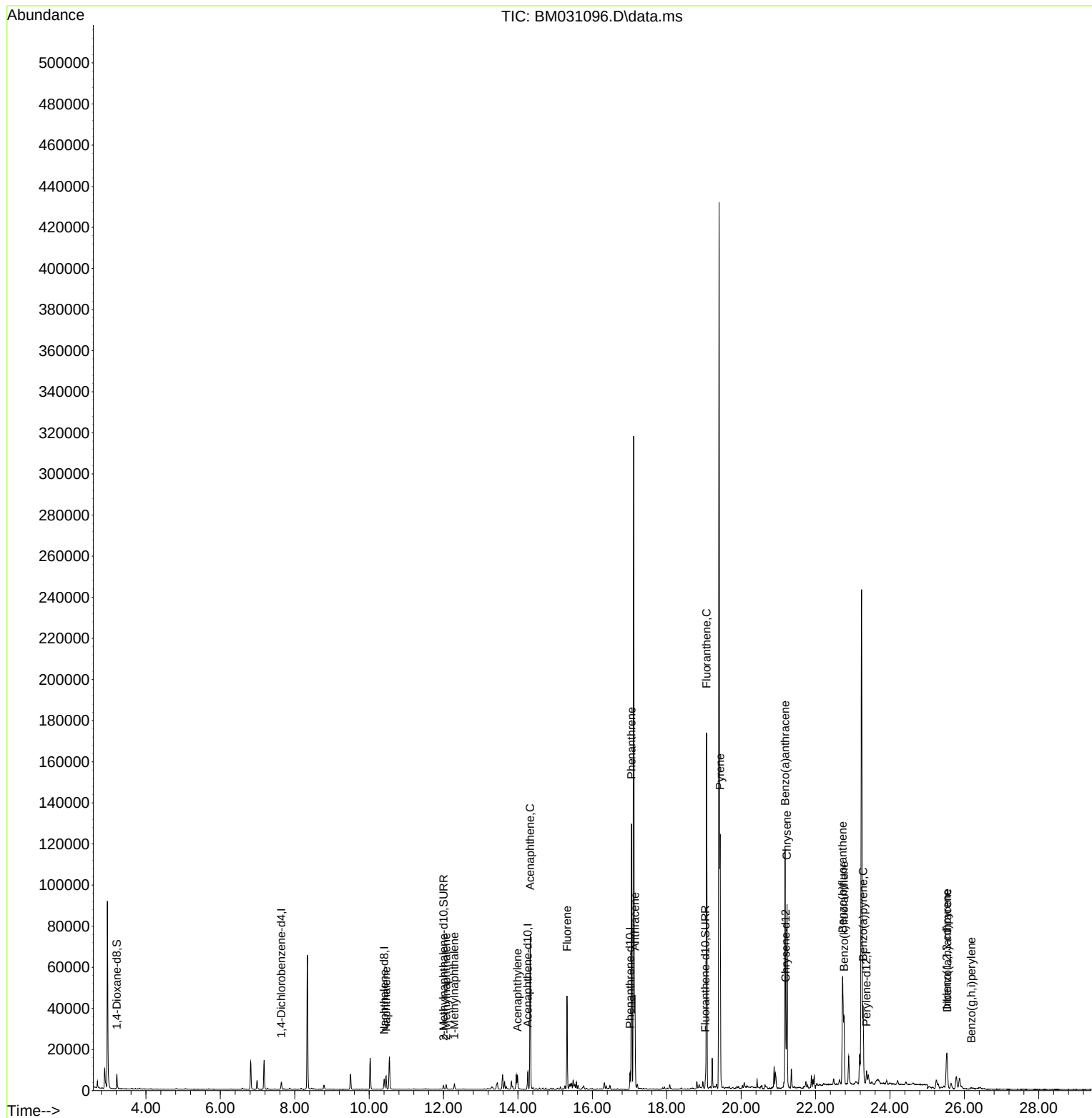
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Data File : BM031096.D
Acq On : 23 Jul 2021 18:43
Operator : CG/JU
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ALS Vial : 9 Sample Multiplier: 1

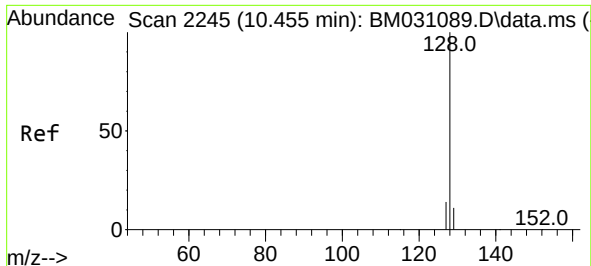
Instrument :
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ClientSampleId :
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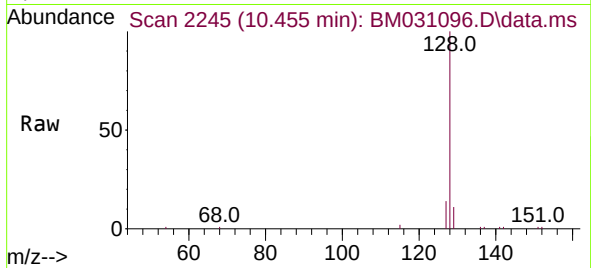
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Quant Time: Jul 24 00:53:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 18:04:27 2021
Response via : Initial Calibration

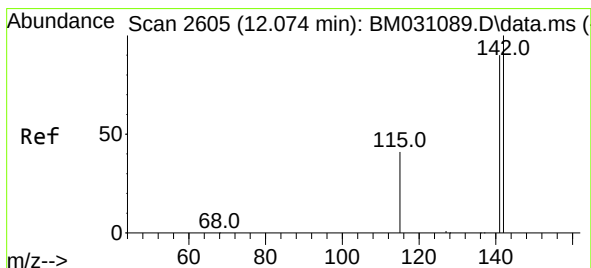
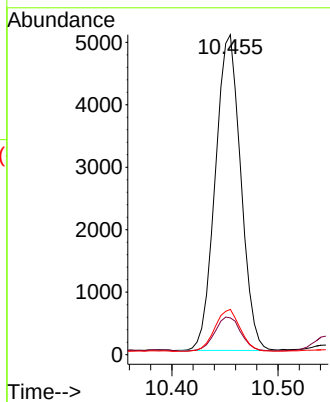
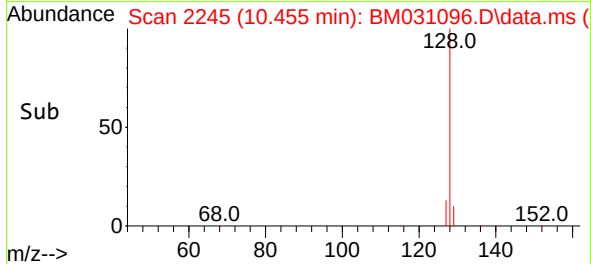




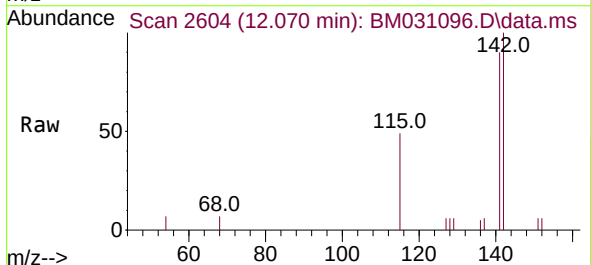
#5
Naphthalene
Concen: 0.43 ng/ul
RT: 10.455 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BM031096.D
Acq: 23 Jul 2021 18:43



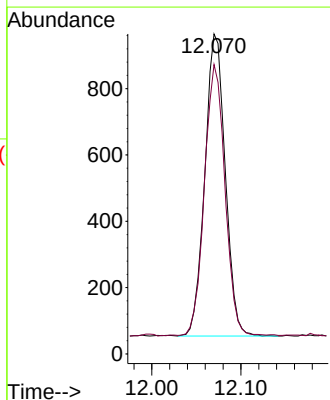
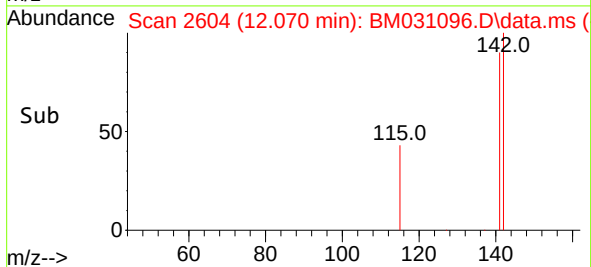
Tgt Ion:128 Resp: 8413
Ion Ratio Lower Upper
128 100
129 11.5 10.2 15.4
127 14.2 11.8 17.8



#7
2-Methylnaphthalene
Concen: 0.10 ng/ul
RT: 12.070 min Scan# 2604
Delta R.T. -0.004 min
Lab File: BM031096.D
Acq: 23 Jul 2021 18:43



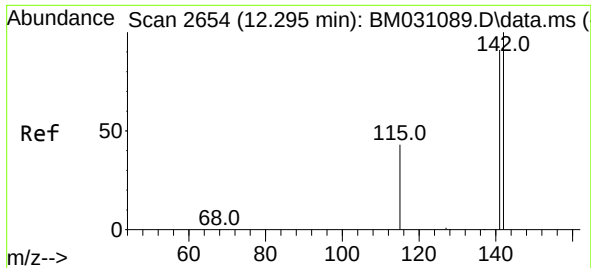
Tgt Ion:142 Resp: 1451
Ion Ratio Lower Upper
142 100
141 90.7 71.5 107.3



Instrument :
BNA_M
ClientSampleId :
BGEb1

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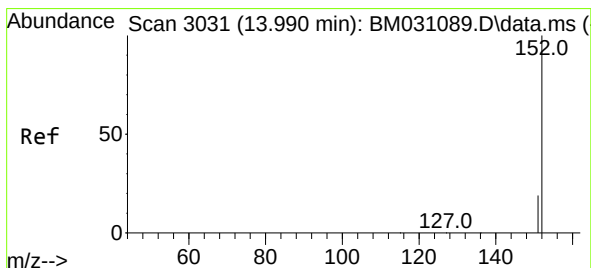
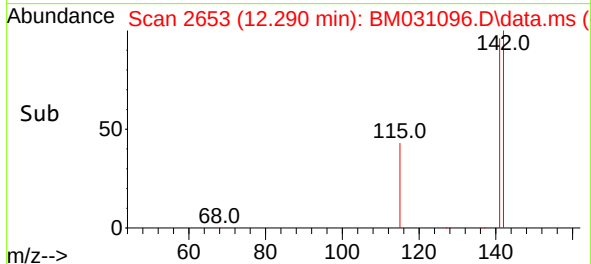
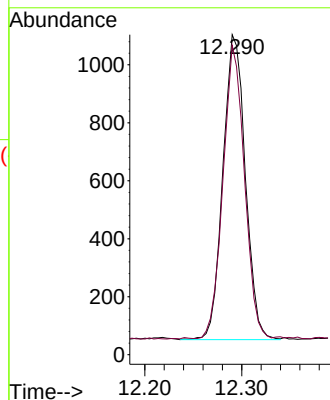
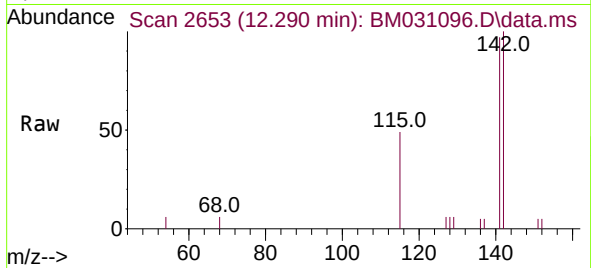
#8
1-Methylnaphthalene
Concen: 0.12 ng/ul
RT: 12.290 min Scan# 2653
Delta R.T. -0.004 min
Lab File: BM031096.D
Acq: 23 Jul 2021 18:43

Tgt Ion:142 Resp: 1689
Ion Ratio Lower Upper
142 100
141 92.7 74.2 111.4

Instrument :
BNA_M
ClientSampled :
BGEb1

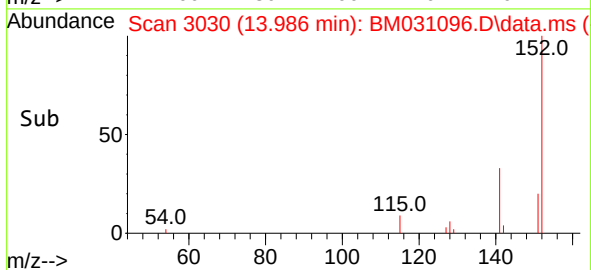
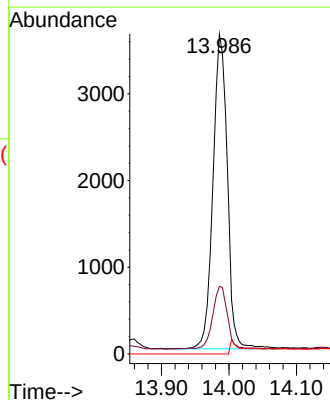
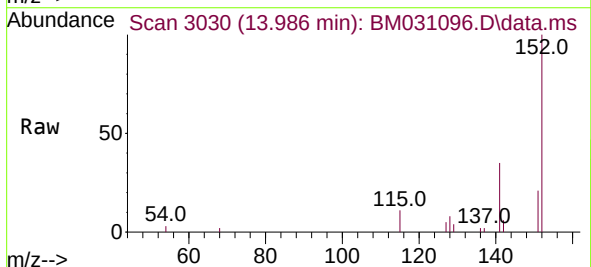
Manual Integrations
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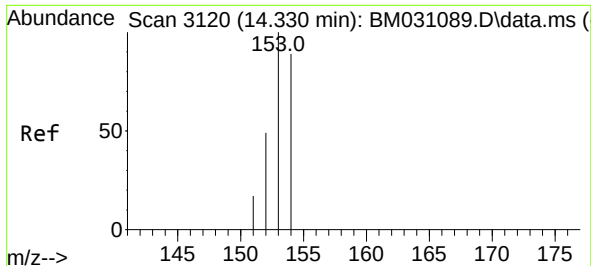
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#10
Acenaphthylene
Concen: 0.27 ng/ul
RT: 13.986 min Scan# 3030
Delta R.T. -0.004 min
Lab File: BM031096.D
Acq: 23 Jul 2021 18:43

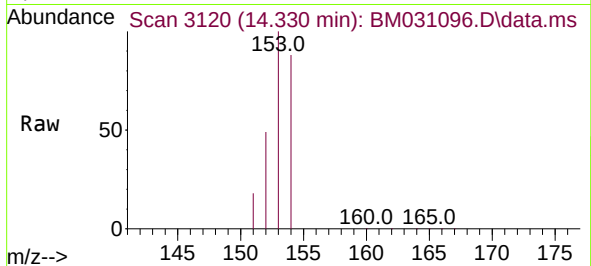
Tgt Ion:152 Resp: 4971
Ion Ratio Lower Upper
152 100
151 21.1 17.5 26.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 2.66 ng/ul
RT: 14.330 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BM031096.D
Acq: 23 Jul 2021 18:43

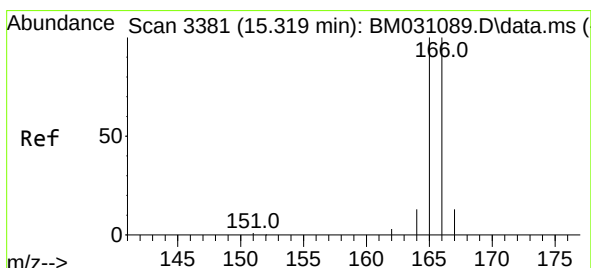
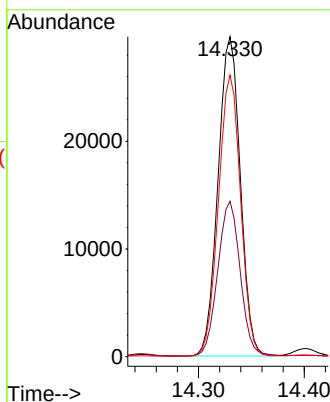
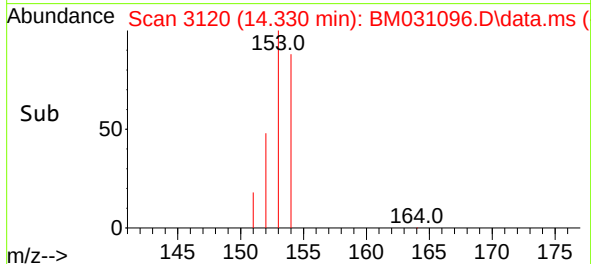
Instrument :
BNA_M
ClientSampled :
BGEB1



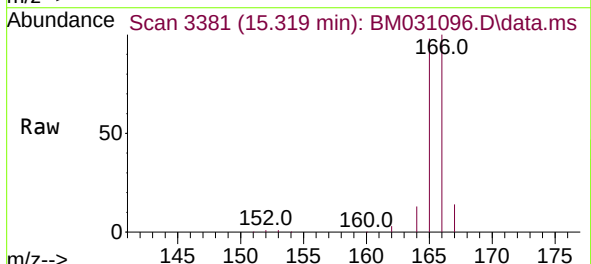
Tgt Ion:153 Resp: 43514
Ion Ratio Lower Upper
153 100
152 48.5 39.4 59.2
154 88.0 68.2 102.4

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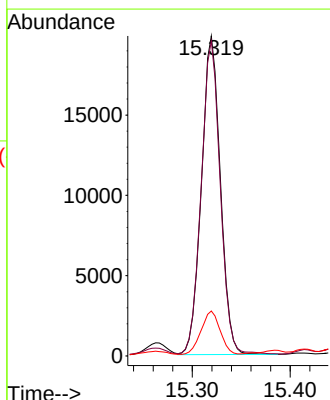
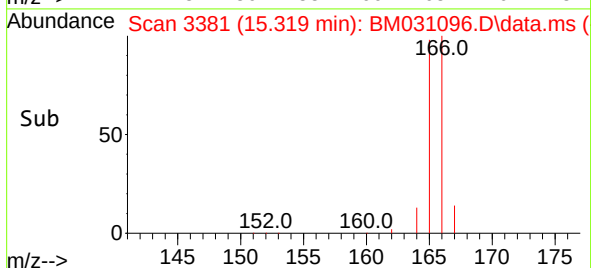
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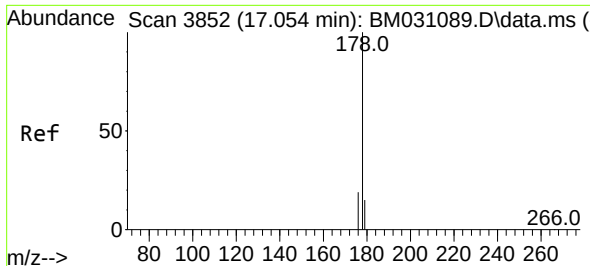


#12
Fluorene
Concen: 1.38 ng/ul
RT: 15.319 min Scan# 3381
Delta R.T. 0.000 min
Lab File: BM031096.D
Acq: 23 Jul 2021 18:43



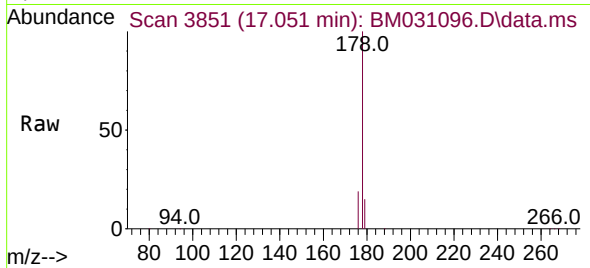
Tgt Ion:166 Resp: 26607
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.2
167 14.1 12.3 18.5





#15
Phenanthrene
Concen: 4.45 ng/ul
RT: 17.051 min Scan# 3851
Delta R.T. -0.003 min
Lab File: BM031096.D
Acq: 23 Jul 2021 18:43

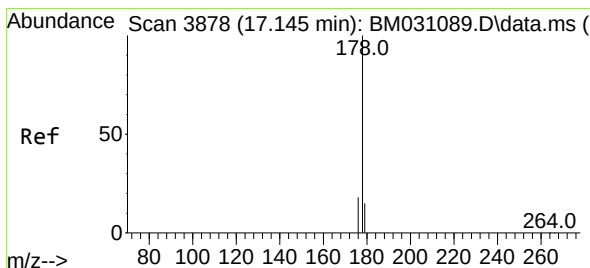
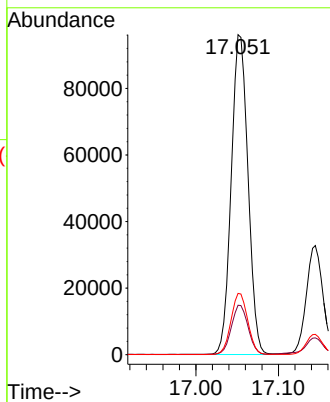
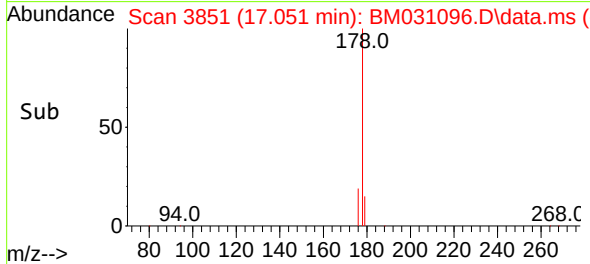
Instrument :
BNA_M
ClientSampled :
BGE1



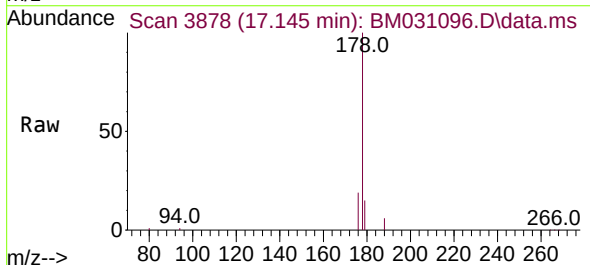
Tgt Ion:178 Resp: 135129
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.2 15.4 23.2

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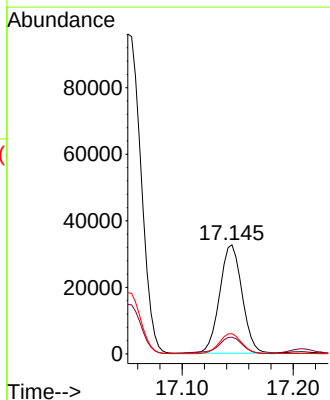
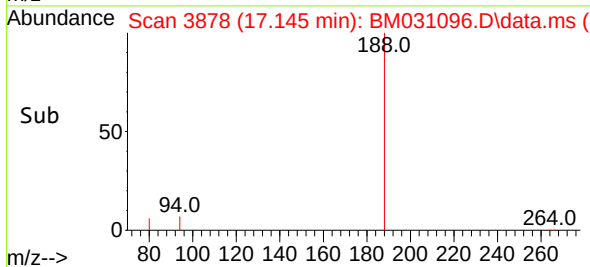
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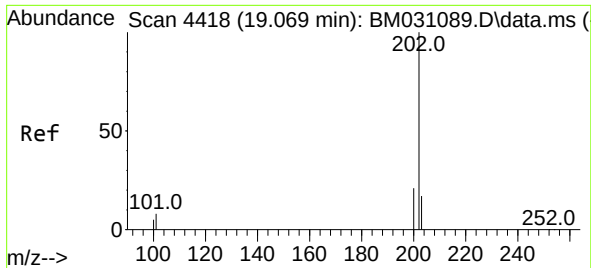


#16
Anthracene
Concen: 1.60 ng/ul
RT: 17.145 min Scan# 3878
Delta R.T. 0.000 min
Lab File: BM031096.D
Acq: 23 Jul 2021 18:43



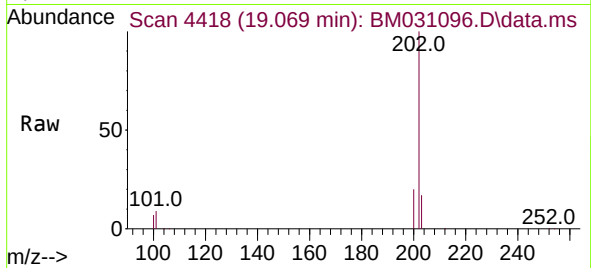
Tgt Ion:178 Resp: 45441
Ion Ratio Lower Upper
178 100
179 15.4 13.8 20.8
176 18.6 15.7 23.5





#19
Fluoranthene
Concen: 4.11 ng/ul
RT: 19.069 min Scan# 4418
Delta R.T. 0.000 min
Lab File: BM031096.D
Acq: 23 Jul 2021 18:43

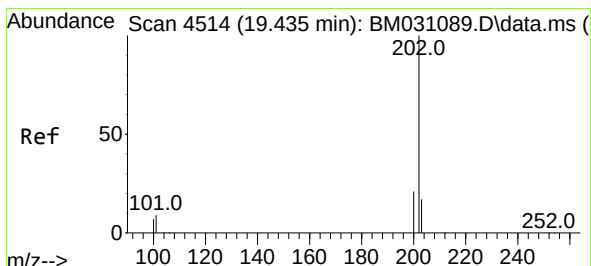
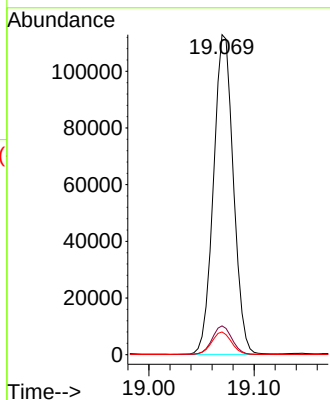
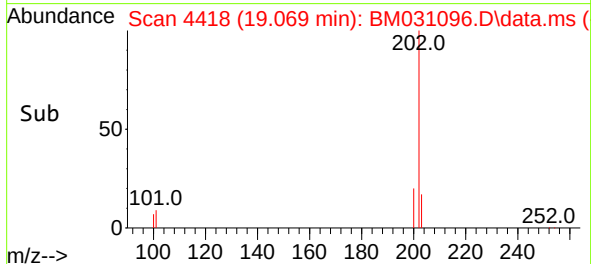
Instrument :
BNA_M
ClientSampled :
BGEB1



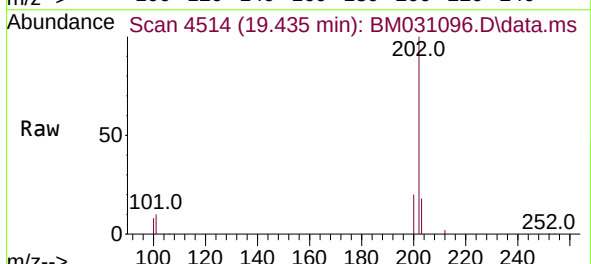
Tgt Ion:202 Resp: 148184
Ion Ratio Lower Upper
202 100
101 9.0 6.0 9.0#
100 7.1 4.8 7.2

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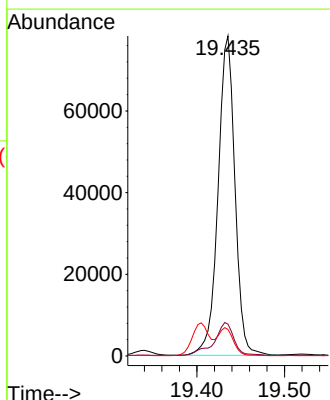
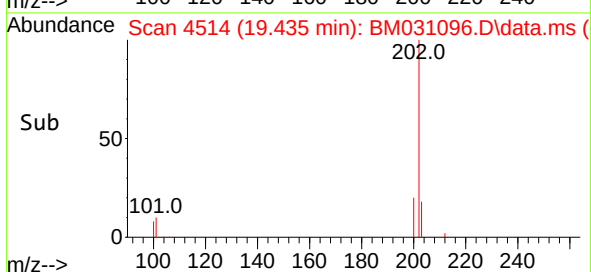
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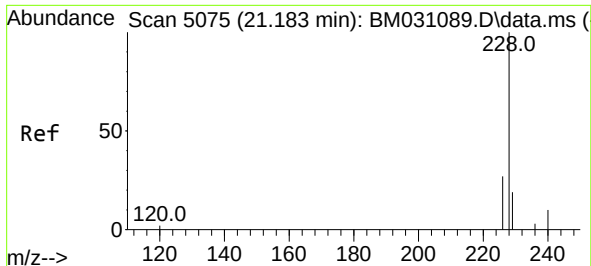


#20
Pyrene
Concen: 2.85 ng/ul
RT: 19.435 min Scan# 4514
Delta R.T. 0.000 min
Lab File: BM031096.D
Acq: 23 Jul 2021 18:43



Tgt Ion:202 Resp: 104984
Ion Ratio Lower Upper
202 100
101 10.0 7.4 11.0
100 8.3 6.0 9.0





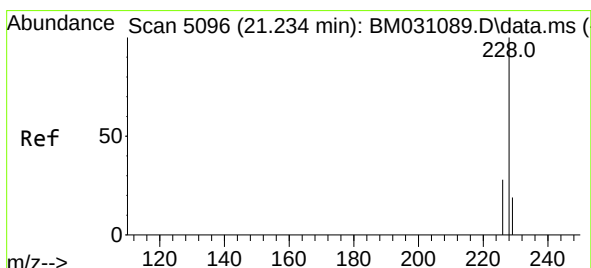
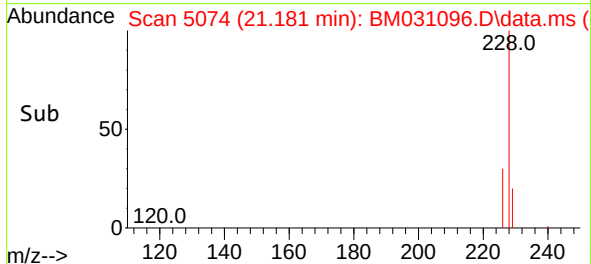
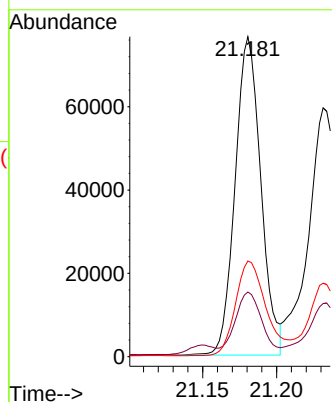
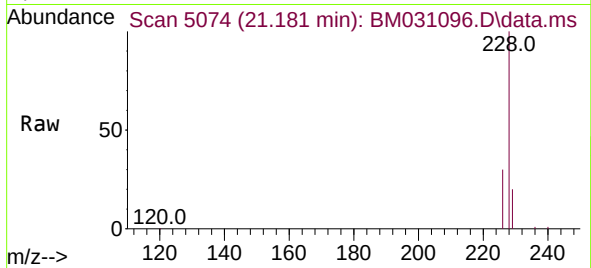
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Benzo(a)anthracene
Concen: 2.59 ng/ul
RT: 21.181 min Scan# 5074
Delta R.T. -0.002 min
Lab File: BM031096.D
Acq: 23 Jul 2021 18:43

Tgt Ion:228 Resp: 92519
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 29.9 21.4 32.2

Instrument :
BNA_M
ClientSampled :
BGEb1

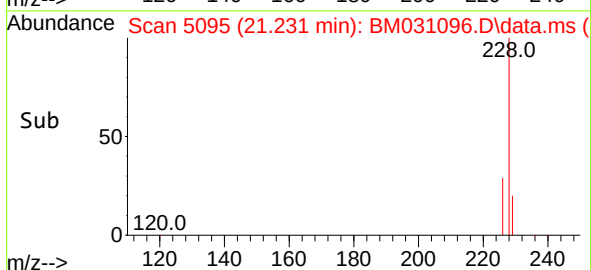
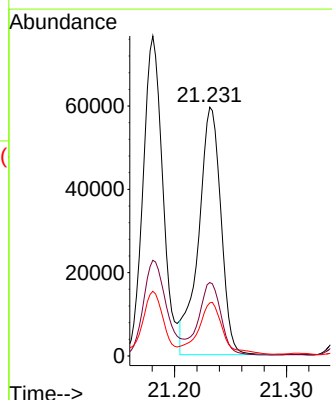
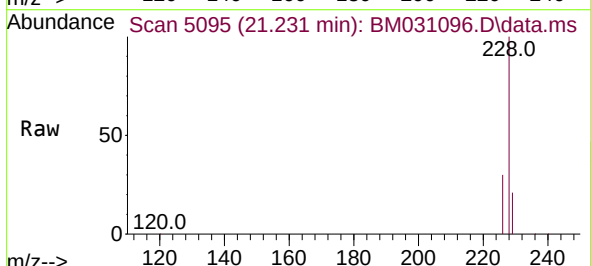
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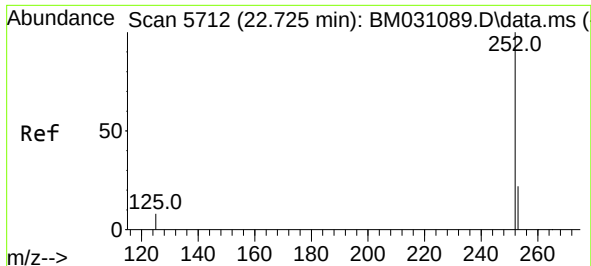
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#22
Chrysene
Concen: 2.13 ng/ul
RT: 21.231 min Scan# 5095
Delta R.T. -0.002 min
Lab File: BM031096.D
Acq: 23 Jul 2021 18:43

Tgt Ion:228 Resp: 82427
Ion Ratio Lower Upper
228 100
226 29.5 24.5 36.7
229 21.4 15.8 23.8





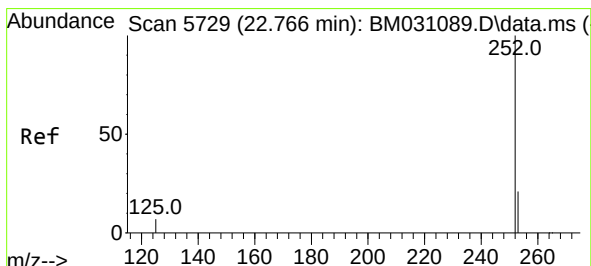
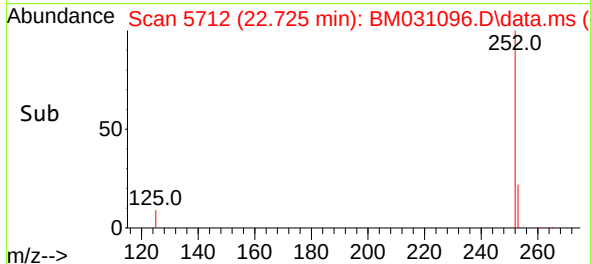
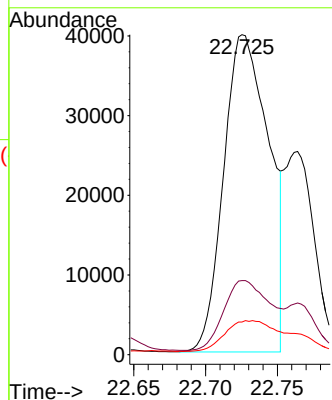
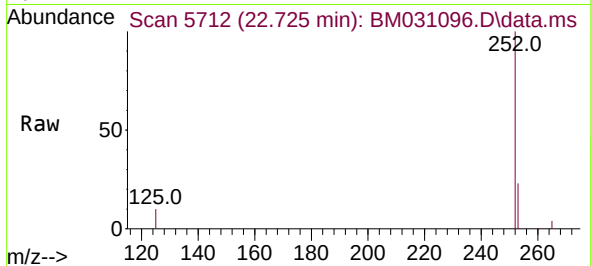
#24
Benzo(b)fluoranthene
Concen: 2.50 ng/ul m
RT: 22.725 min Scan# 5712
Delta R.T. 0.000 min
Lab File: BM031096.D
Acq: 23 Jul 2021 18:43

Tgt Ion:252 Resp: 87150
Ion Ratio Lower Upper
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253 23.2 0.0 52.8
125 10.2 0.0 20.2

Instrument :
BNA_M
ClientSampled :
BGE1

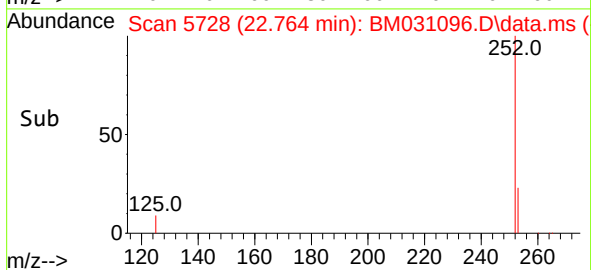
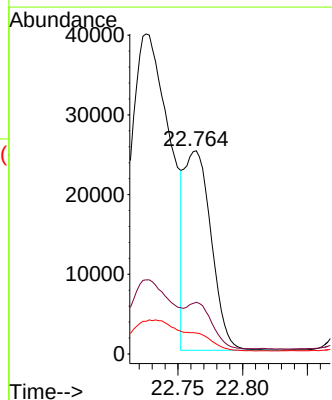
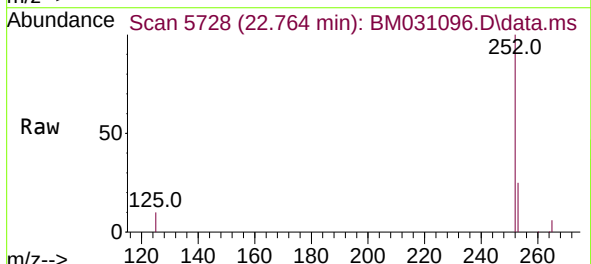
Manual Integrations
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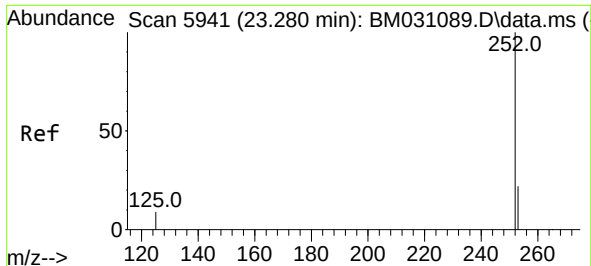
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#25
Benzo(k)fluoranthene
Concen: 1.03 ng/ul m
RT: 22.764 min Scan# 5728
Delta R.T. -0.002 min
Lab File: BM031096.D
Acq: 23 Jul 2021 18:43

Tgt Ion:252 Resp: 36297
Ion Ratio Lower Upper
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253 25.4 21.6 32.4
125 10.3 8.6 13.0





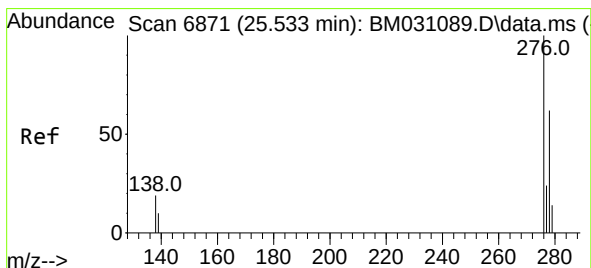
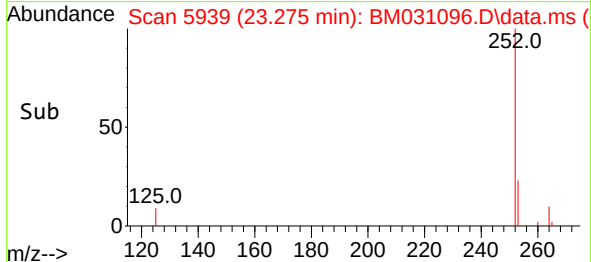
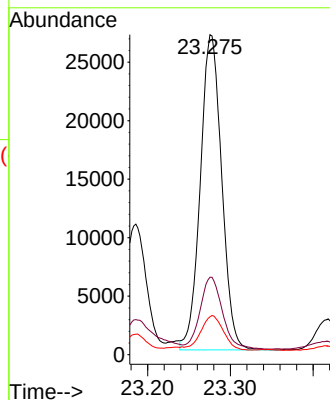
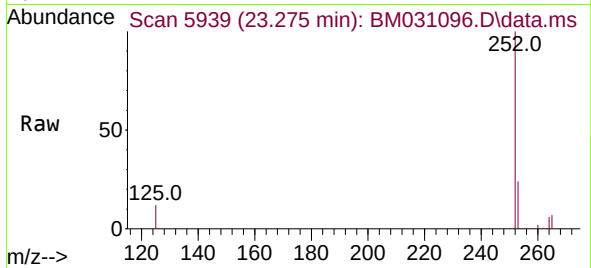
#26
Benzo(a)pyrene
Concen: 1.61 ng/ul
RT: 23.275 min Scan# 5939
Delta R.T. -0.005 min
Lab File: BM031096.D
Acq: 23 Jul 2021 18:43

Tgt Ion:	252	Resp:	48420
Ion Ratio	Lower	Upper	
252	100		
253	24.2	23.1	34.7
125	11.9	10.7	16.1

Instrument :
BNA_M
ClientSampled :
BGEb1

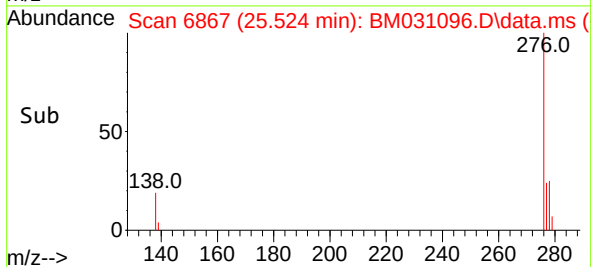
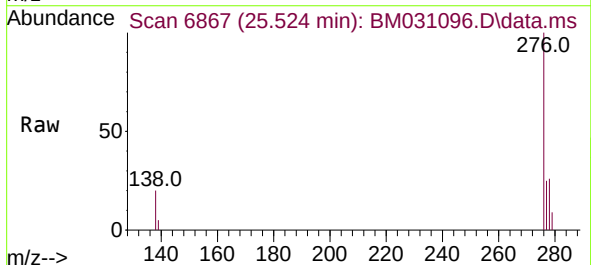
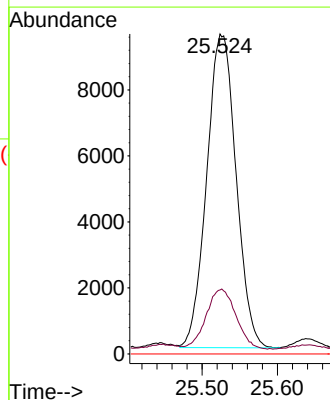
Manual Integrations
APPROVED

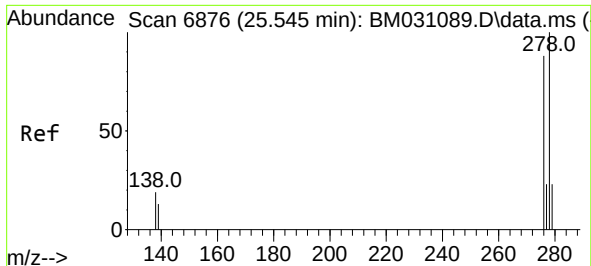
mohammad
7/26/2021 1:25:57 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.65 ng/ul
RT: 25.524 min Scan# 6867
Delta R.T. -0.010 min
Lab File: BM031096.D
Acq: 23 Jul 2021 18:43

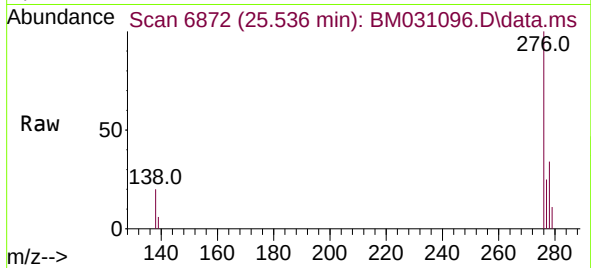
Tgt Ion:	276	Resp:	25802
Ion Ratio	Lower	Upper	
276	100		
138	19.5	15.4	23.0
227	0.0	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.28 ng/ul
RT: 25.536 min Scan# 6872
Delta R.T. -0.010 min
Lab File: BM031096.D
Acq: 23 Jul 2021 18:43

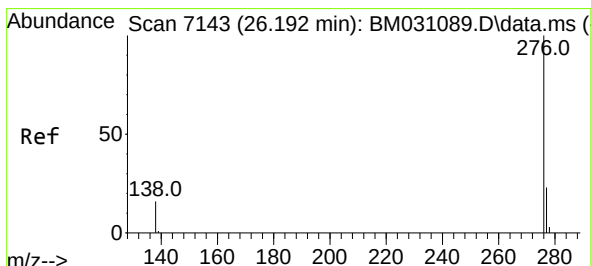
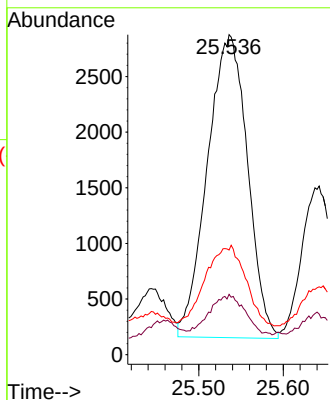
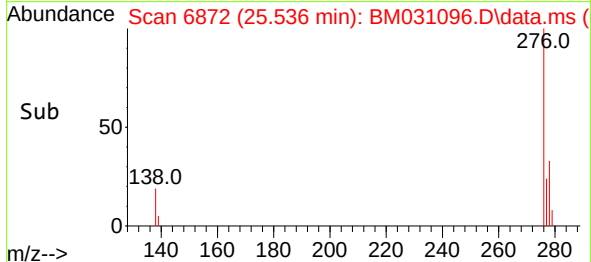
Instrument :
BNA_M
ClientSampled :
BGEb1



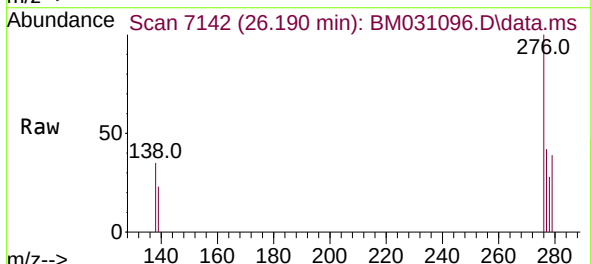
Tgt Ion:278 Resp: 8975
Ion Ratio Lower Upper
278 100
139 18.8 12.6 18.8#
279 32.7 22.6 34.0

Manual Integrations
APPROVED

mohammad
7/26/2021 1:25:57 PM



#29
Benzo(g,h,i)perylene
Concen: 0.04 ng/ul
RT: 26.190 min Scan# 7142
Delta R.T. -0.002 min
Lab File: BM031096.D
Acq: 23 Jul 2021 18:43



Tgt Ion:276 Resp: 1322
Ion Ratio Lower Upper
276 100
138 34.7 14.0 21.0#
277 41.9 19.9 29.9#

