

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031564.D
 Acq On : 07 Aug 2021 23:27
 Operator : CG/JU
 Sample : M3164-01
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JCEN0

Manual Integrations
 APPROVED

mohammad
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Quant Time: Aug 09 04:08:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 18:39:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	1323	0.400	ng/ul	0.00
4) Naphthalene-d8	10.343	136	4980	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.216	164	2786	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	5291	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.159	240	4411	0.400	ng/ul	# 0.00
23) Perylene-d12	23.319	264	4476	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	3075	2.093	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.939	152	1408	0.168	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	2890	0.196	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.392	128	362	0.024	ng/ul#	59
10) Acenaphthylene	13.936	152	1518	0.128	ng/ul#	88
12) Fluorene	15.266	166	303	0.026	ng/ul#	85
15) Phenanthrene	17.006	178	4439	0.264	ng/ul	99
16) Anthracene	17.096	178	1248	0.079	ng/ul#	85
19) Fluoranthene	19.028	202	7276	0.386	ng/ul#	94
20) Pyrene	19.390	202	8101	0.424	ng/ul#	93
21) Benzo(a)anthracene	21.144	228	3685	0.207	ng/ul#	77
22) Chrysene	21.195	228	4579	0.248	ng/ul#	91
24) Benzo(b)fluoranthene	22.677	252	6726m	0.334	ng/ul	
25) Benzo(k)fluoranthene	22.716	252	2317m	0.111	ng/ul	
26) Benzo(a)pyrene	23.222	252	4513	0.256	ng/ul#	62
27) Indeno(1,2,3-cd)pyrene	25.446	276	4074	0.178	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.454	278	1065	0.058	ng/ul#	1
29) Benzo(g,h,i)perylene	26.096	276	1101	0.057	ng/ul#	39

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

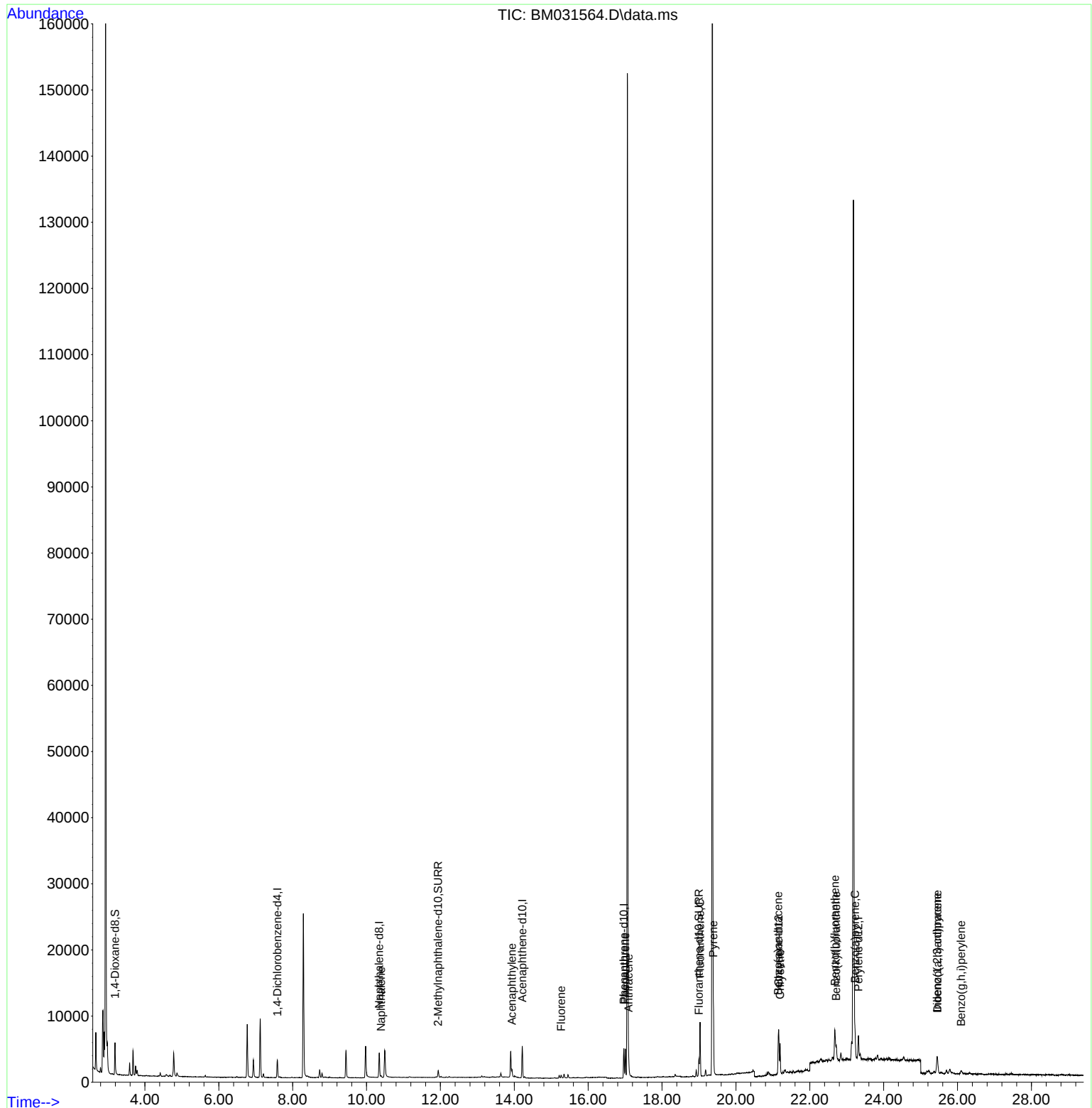
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Data File : BM031564.D
Acq On : 07 Aug 2021 23:27
Operator : CG/JU
Sample : M3164-01
Misc :
ALS Vial : 90 Sample Multiplier: 1

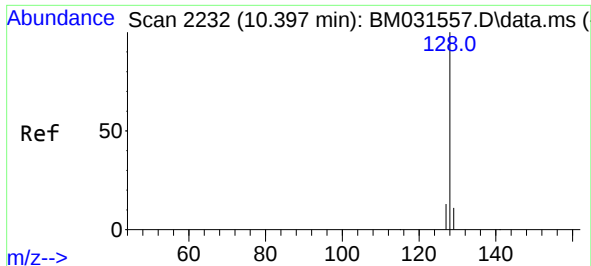
Instrument :
BNA_M
ClientSampleId :
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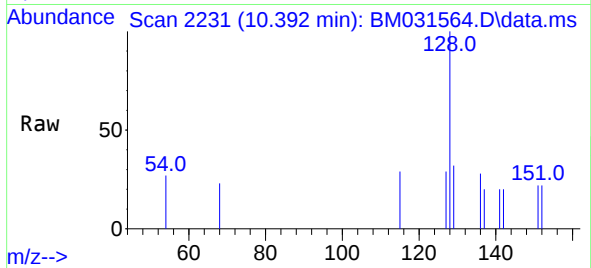
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Quant Time: Aug 09 04:08:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 18:39:21 2021
Response via : Initial Calibration

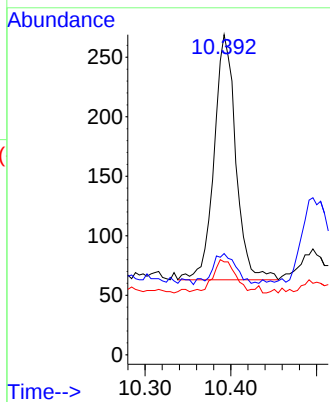
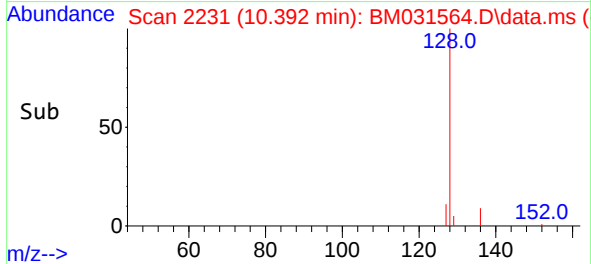




#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.392 min Scan# 2231
Delta R.T. -0.004 min
Lab File: BM031564.D
Acq: 07 Aug 2021 23:27



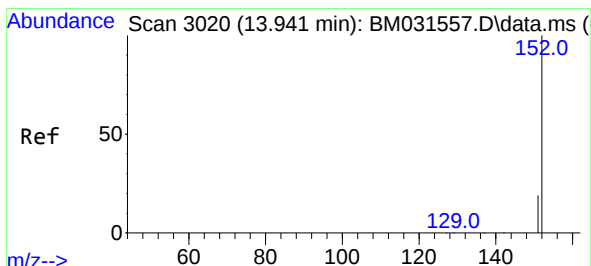
Tgt Ion:128 Resp: 362
Ion Ratio Lower Upper
128 100
129 31.6 10.0 15.0#
127 29.0 11.6 17.4#



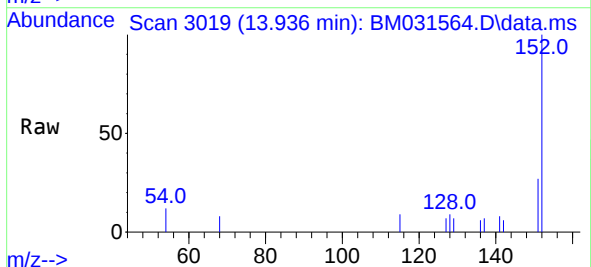
Instrument :
BNA_M
ClientSampled :
JCEN0

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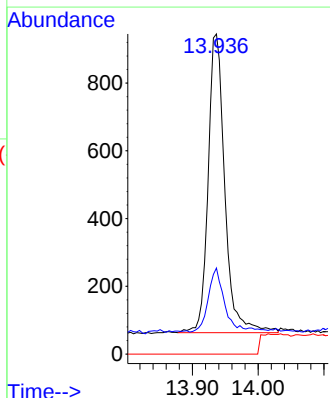
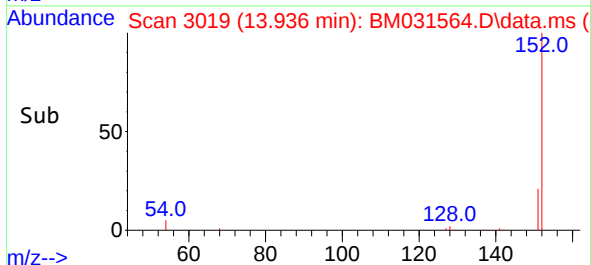
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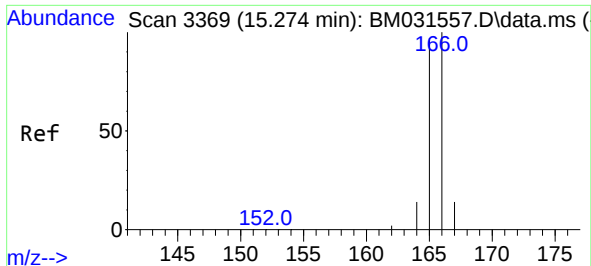


#10
Acenaphthylene
Concen: 0.128 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. -0.004 min
Lab File: BM031564.D
Acq: 07 Aug 2021 23:27

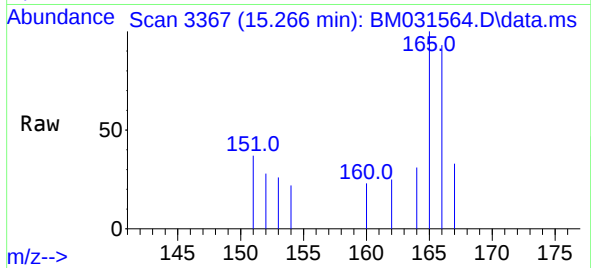


Tgt Ion:152 Resp: 1518
Ion Ratio Lower Upper
152 100
151 26.9 16.9 25.3#
153 0.0 0.0 0.0

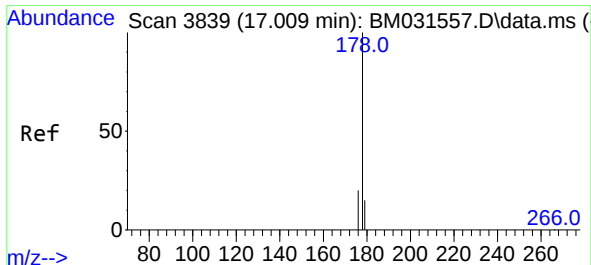
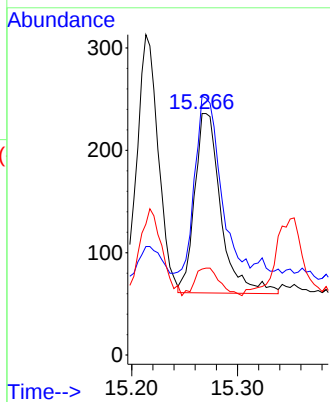
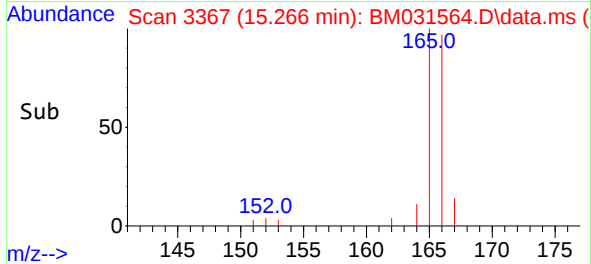




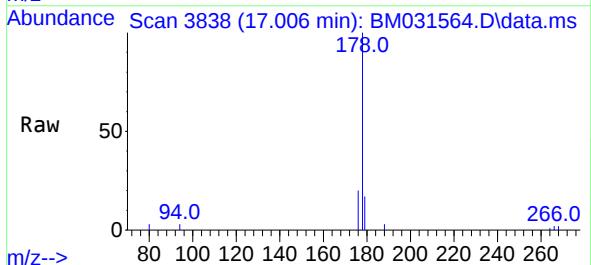
#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.266 min Scan# 3367
Delta R.T. -0.007 min
Lab File: BM031564.D
Acq: 07 Aug 2021 23:27



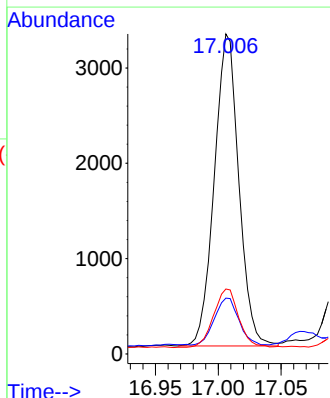
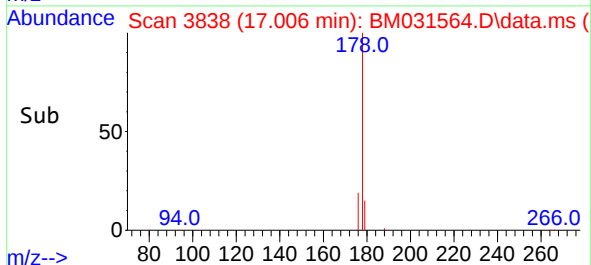
Tgt Ion:166 Resp: 303
Ion Ratio Lower Upper
166 100
165 107.2 78.0 117.0
167 35.6 12.0 18.0#



#15
Phenanthrene
Concen: 0.264 ng/ul
RT: 17.006 min Scan# 3838
Delta R.T. -0.007 min
Lab File: BM031564.D
Acq: 07 Aug 2021 23:27



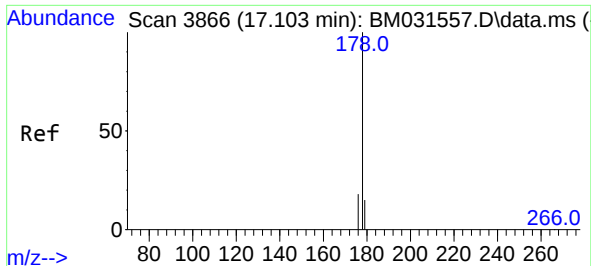
Tgt Ion:178 Resp: 4439
Ion Ratio Lower Upper
178 100
179 17.4 13.3 19.9
176 20.3 16.2 24.4



Instrument :
BNA_M
ClientSampled :
JCEN0

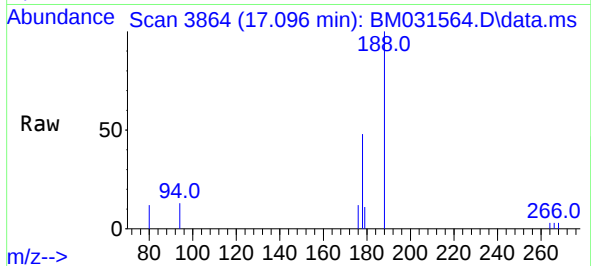
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#16
 Anthracene
 Concen: 0.079 ng/ul
 RT: 17.096 min Scan# 3864
 Delta R.T. -0.007 min
 Lab File: BM031564.D
 Acq: 07 Aug 2021 23:27

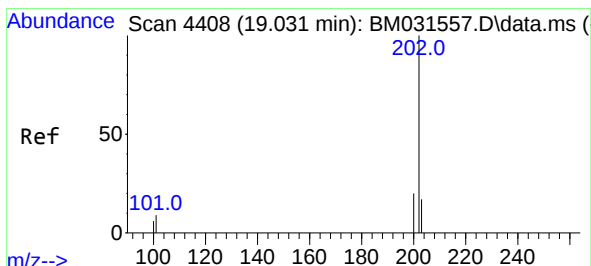
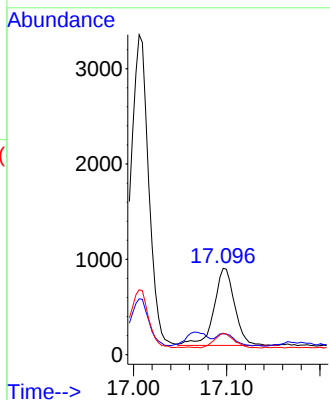
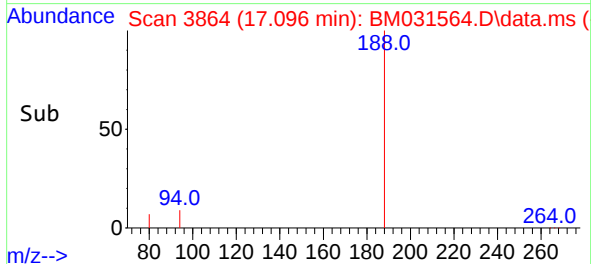
Instrument :
 BNA_M
 ClientSampled :
 JCEN0



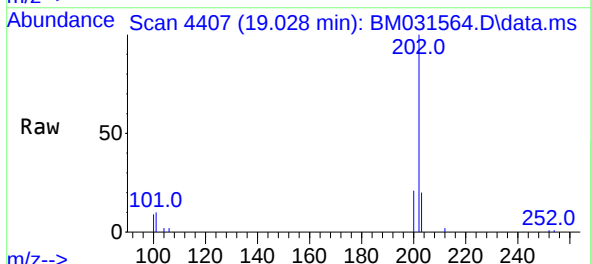
Tgt Ion:	178	Resp:	1248
Ion	Ratio	Lower	Upper
178	100		
179	24.1	13.0	19.6#
176	24.9	15.6	23.4#

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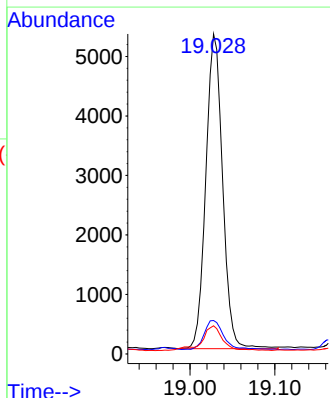
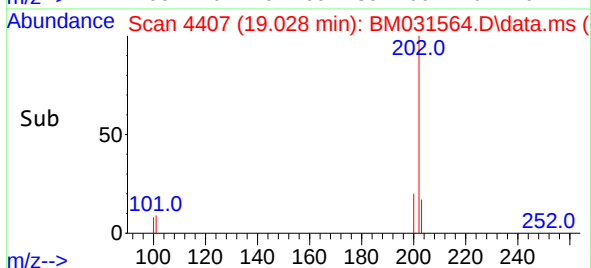
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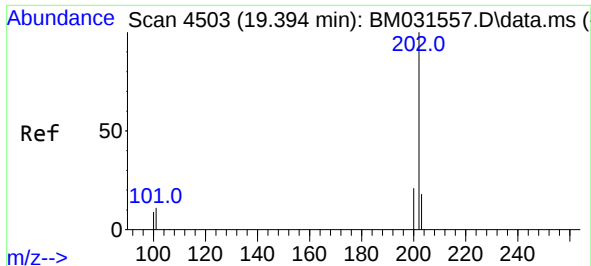


#19
 Fluoranthene
 Concen: 0.386 ng/ul
 RT: 19.028 min Scan# 4407
 Delta R.T. -0.004 min
 Lab File: BM031564.D
 Acq: 07 Aug 2021 23:27

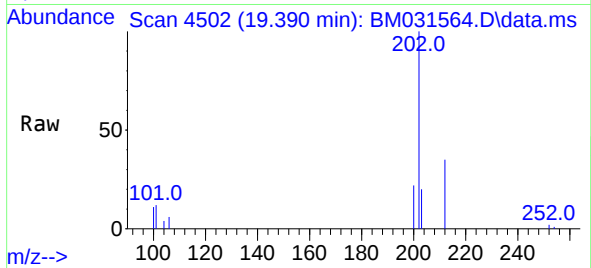


Tgt Ion:	202	Resp:	7276
Ion	Ratio	Lower	Upper
202	100		
101	10.4	6.6	10.0#
100	8.8	5.4	8.0#

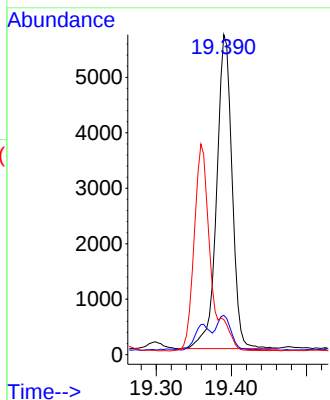




#20
Pyrene
Concen: 0.424 ng/u1
RT: 19.390 min Scan# 4502
Delta R.T. -0.007 min
Lab File: BM031564.D
Acq: 07 Aug 2021 23:27



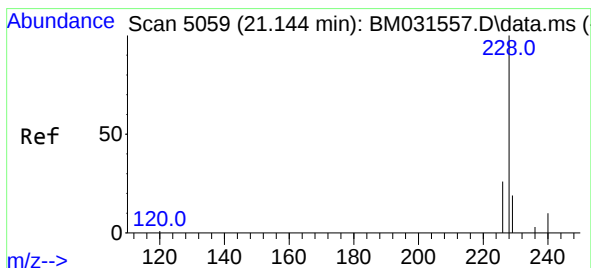
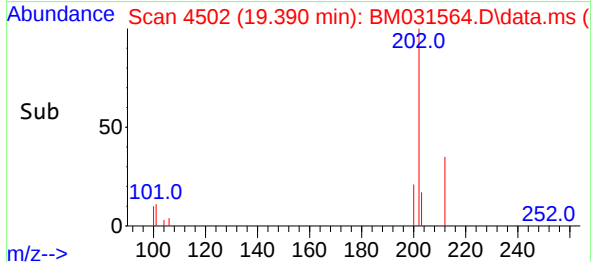
Tgt Ion:202 Resp: 8101
Ion Ratio Lower Upper
202 100
101 12.3 7.8 11.6#
100 10.9 6.6 10.0#



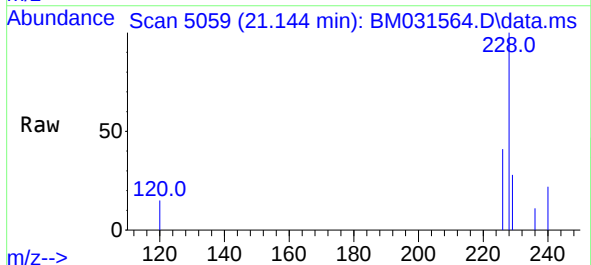
Instrument :
BNA_M
ClientSampleId :
JCEN0

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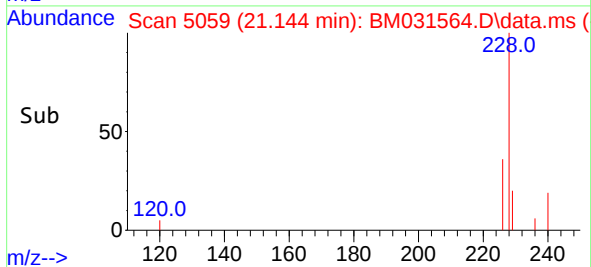
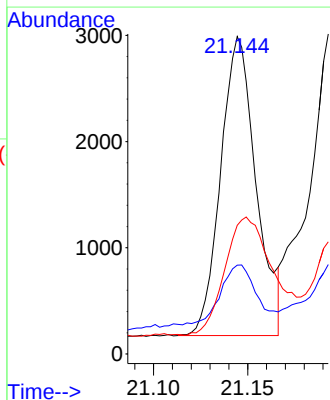
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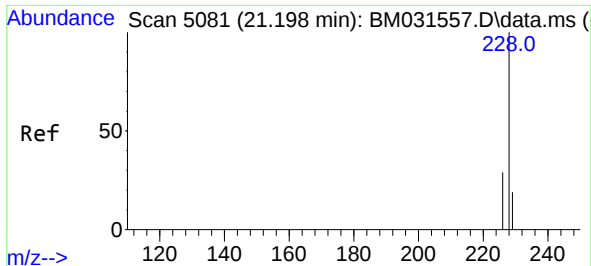


#21
Benzo(a)anthracene
Concen: 0.207 ng/u1
RT: 21.144 min Scan# 5059
Delta R.T. -0.007 min
Lab File: BM031564.D
Acq: 07 Aug 2021 23:27

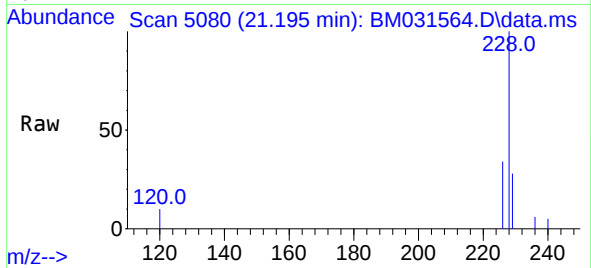


Tgt Ion:228 Resp: 3685
Ion Ratio Lower Upper
228 100
229 28.0 15.6 23.4#
226 40.5 21.7 32.5#

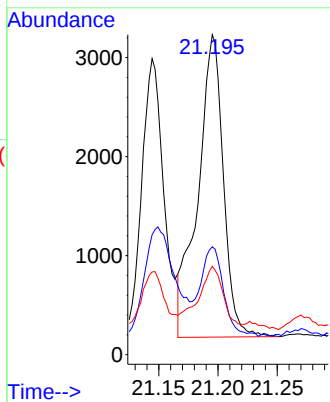
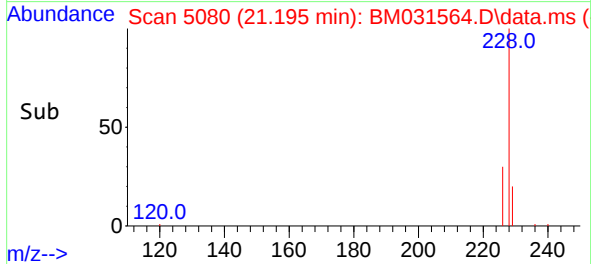




#22
Chrysene
Concen: 0.248 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. -0.005 min
Lab File: BM031564.D
Acq: 07 Aug 2021 23:27



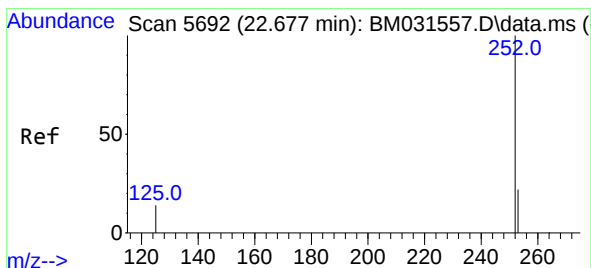
Tgt Ion:228 Resp: 4579
Ion Ratio Lower Upper
228 100
226 33.7 24.7 37.1
229 27.6 16.2 24.2#



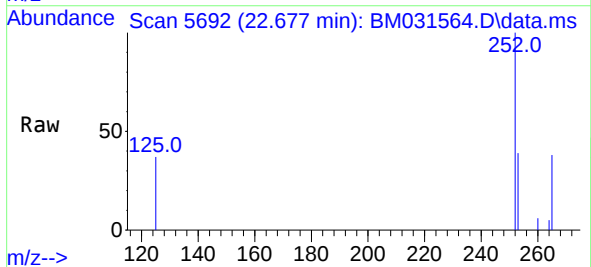
Instrument :
BNA_M
ClientSampled :
JCEN0

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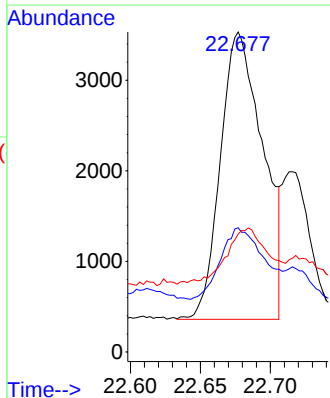
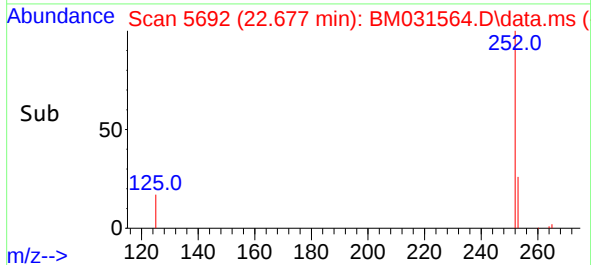
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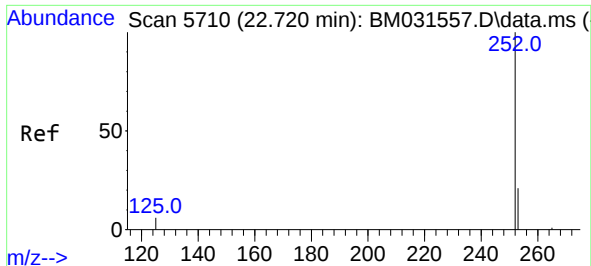


#24
Benzo(b)fluoranthene
Concen: 0.334 ng/ul m
RT: 22.677 min Scan# 5692
Delta R.T. -0.005 min
Lab File: BM031564.D
Acq: 07 Aug 2021 23:27



Tgt Ion:252 Resp: 6726
Ion Ratio Lower Upper
252 100
253 38.8 0.0 53.0
125 36.9 0.0 22.8#





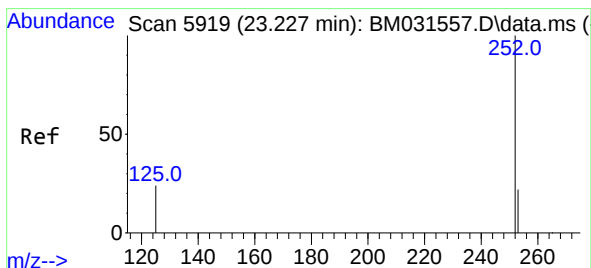
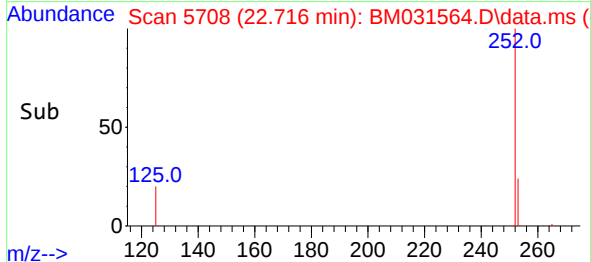
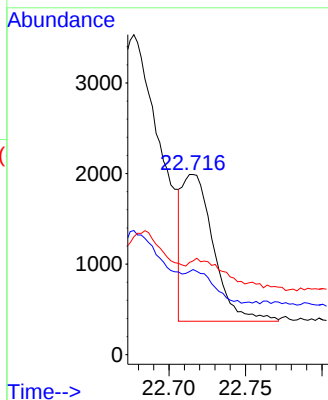
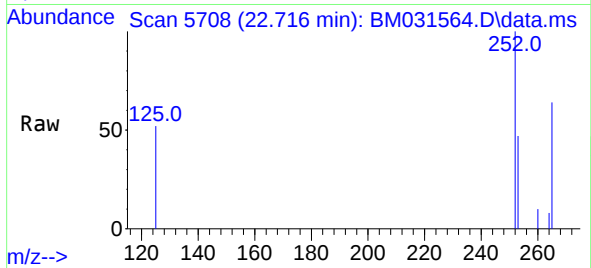
#25
Benzo(k)fluoranthene
Concen: 0.111 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.007 min
Lab File: BM031564.D
Acq: 07 Aug 2021 23:27

Tgt Ion:252	Resp:	2317
Ion Ratio	Lower	Upper
252	100	
253	47.2	21.3 31.9#
125	52.1	8.8 13.2#

Instrument :
BNA_M
ClientSampled :
JCEN0

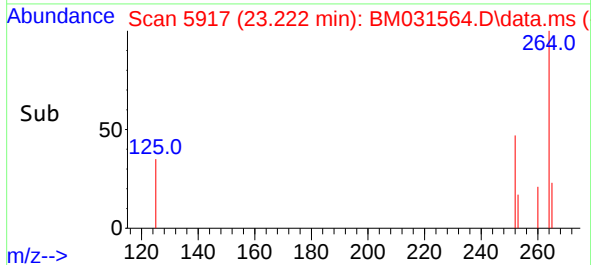
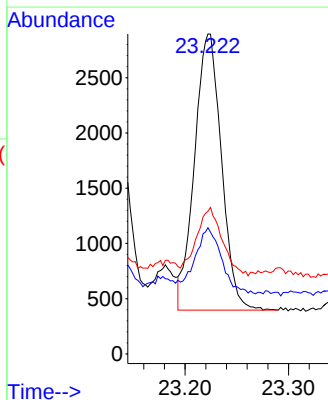
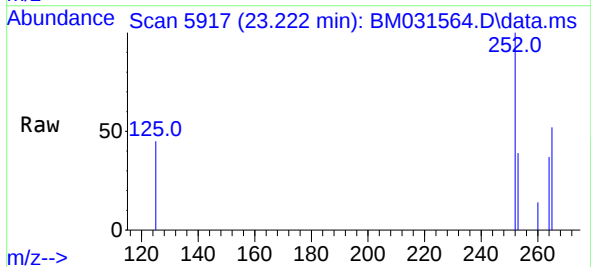
Manual Integrations
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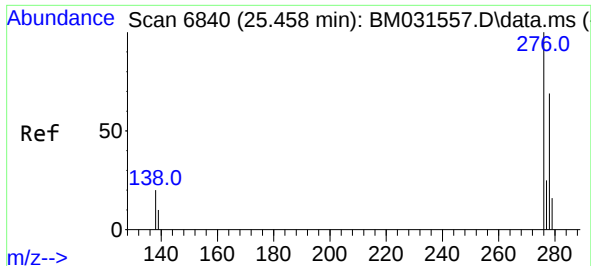
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#26
Benzo(a)pyrene
Concen: 0.256 ng/ul
RT: 23.222 min Scan# 5917
Delta R.T. -0.009 min
Lab File: BM031564.D
Acq: 07 Aug 2021 23:27

Tgt Ion:252	Resp:	4513
Ion Ratio	Lower	Upper
252	100	
253	39.4	22.4 33.6#
125	44.6	13.0 19.4#





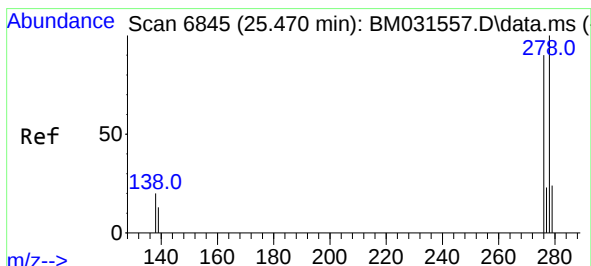
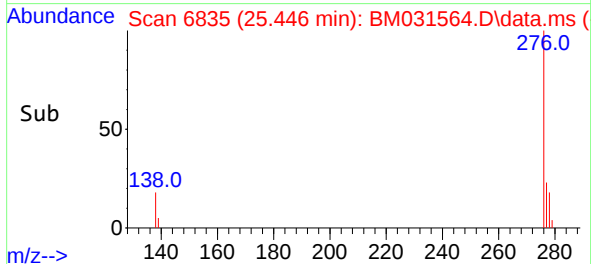
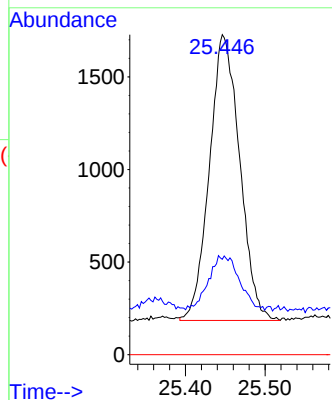
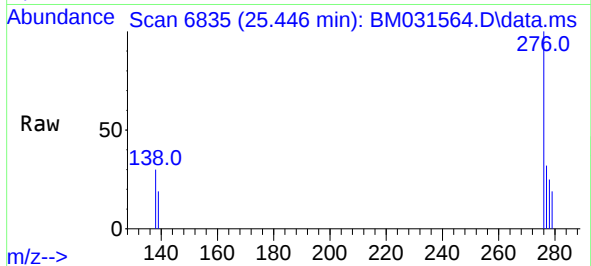
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.178 ng/ul
RT: 25.446 min Scan# 6835
Delta R.T. -0.017 min
Lab File: BM031564.D
Acq: 07 Aug 2021 23:27

Tgt Ion:276 Resp: 4074
Ion Ratio Lower Upper
276 100
138 19.4 15.8 23.8
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampled :
JCEN0

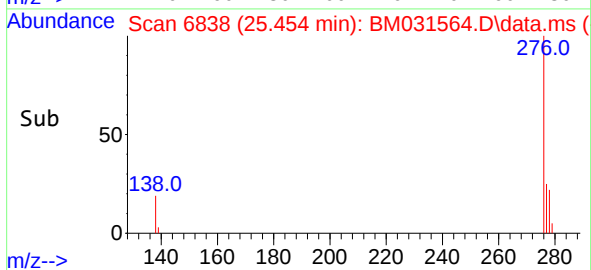
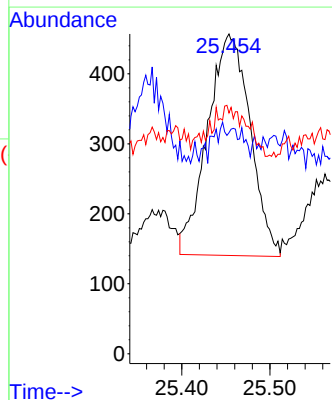
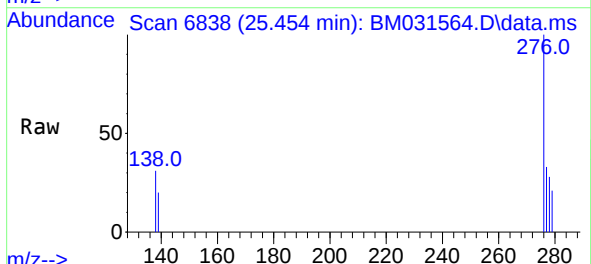
Manual Integrations
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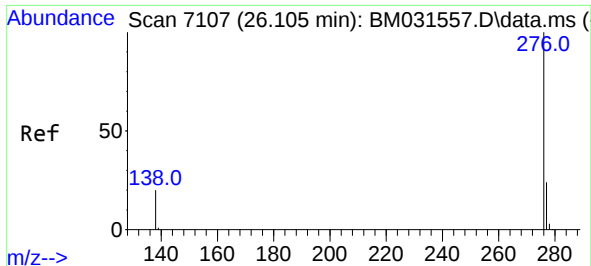
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#28
Dibenzo(a,h)anthracene
Concen: 0.058 ng/ul
RT: 25.454 min Scan# 6838
Delta R.T. -0.022 min
Lab File: BM031564.D
Acq: 07 Aug 2021 23:27

Tgt Ion:278 Resp: 1065
Ion Ratio Lower Upper
278 100
139 69.1 13.3 19.9#
279 75.3 22.8 34.2#





#29
Benzo(g,h,i)perylene
Concen: 0.057 ng/ul
RT: 26.096 min Scan# 7103
Delta R.T. -0.019 min
Lab File: BM031564.D
Acq: 07 Aug 2021 23:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	54.5	15.4	23.2#
277	49.2	19.9	29.9#

Instrument :
BNA_M
ClientSampleId :
JCEN0

Manual Integrations
APPROVED

mohammad
8/9/2021 12:14:12 PM

