

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031704.D
 Acq On : 13 Aug 2021 08:21
 Operator : CG/JU
 Sample : M3182-04DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00C2DL

Manual Integrations
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mohammad
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Quant Time: Aug 13 09:10:01 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 : Thu Aug 12 17:28:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	1297	0.400	ng/ul	0.00
4) Naphthalene-d8	10.329	136	4616	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.201	164	2502	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	4839	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.152	240	4096	0.400	ng/ul	# 0.00
23) Perylene-d12	23.304	264	4189	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	533	0.370	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	256	0.033	ng/ul	0.00
18) Fluoranthene-d10	18.986	212	510	0.037	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.379	128	1901	0.138	ng/ul#	93
7) 2-Methylnaphthalene	12.002	142	1503	0.160	ng/ul	99
8) 1-Methylnaphthalene	12.223	142	1028	0.111	ng/ul	98
10) Acenaphthylene	13.923	152	2578	0.242	ng/ul	97
11) Acenaphthene	14.265	153	385	0.043	ng/ul#	92
12) Fluorene	15.259	166	779	0.075	ng/ul#	93
15) Phenanthrene	16.996	178	15700	1.022	ng/ul	98
16) Anthracene	17.086	178	3679	0.256	ng/ul	98
19) Fluoranthene	19.016	202	31945	1.826	ng/ul	97
20) Pyrene	19.382	202	26296	1.482	ng/ul	99
21) Benzo(a)anthracene	21.135	228	14848	0.898	ng/ul	95
22) Chrysene	21.186	228	15252	0.891	ng/ul	97
24) Benzo(b)fluoranthene	22.667	252	20110m	1.065	ng/ul	
25) Benzo(k)fluoranthene	22.706	252	7544m	0.387	ng/ul	
26) Benzo(a)pyrene	23.210	252	13583	0.822	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.434	276	9300	0.435	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.437	278	2429	0.141	ng/ul#	73
29) Benzo(g,h,i)perylene	26.083	276	2409	0.132	ng/ul#	81

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

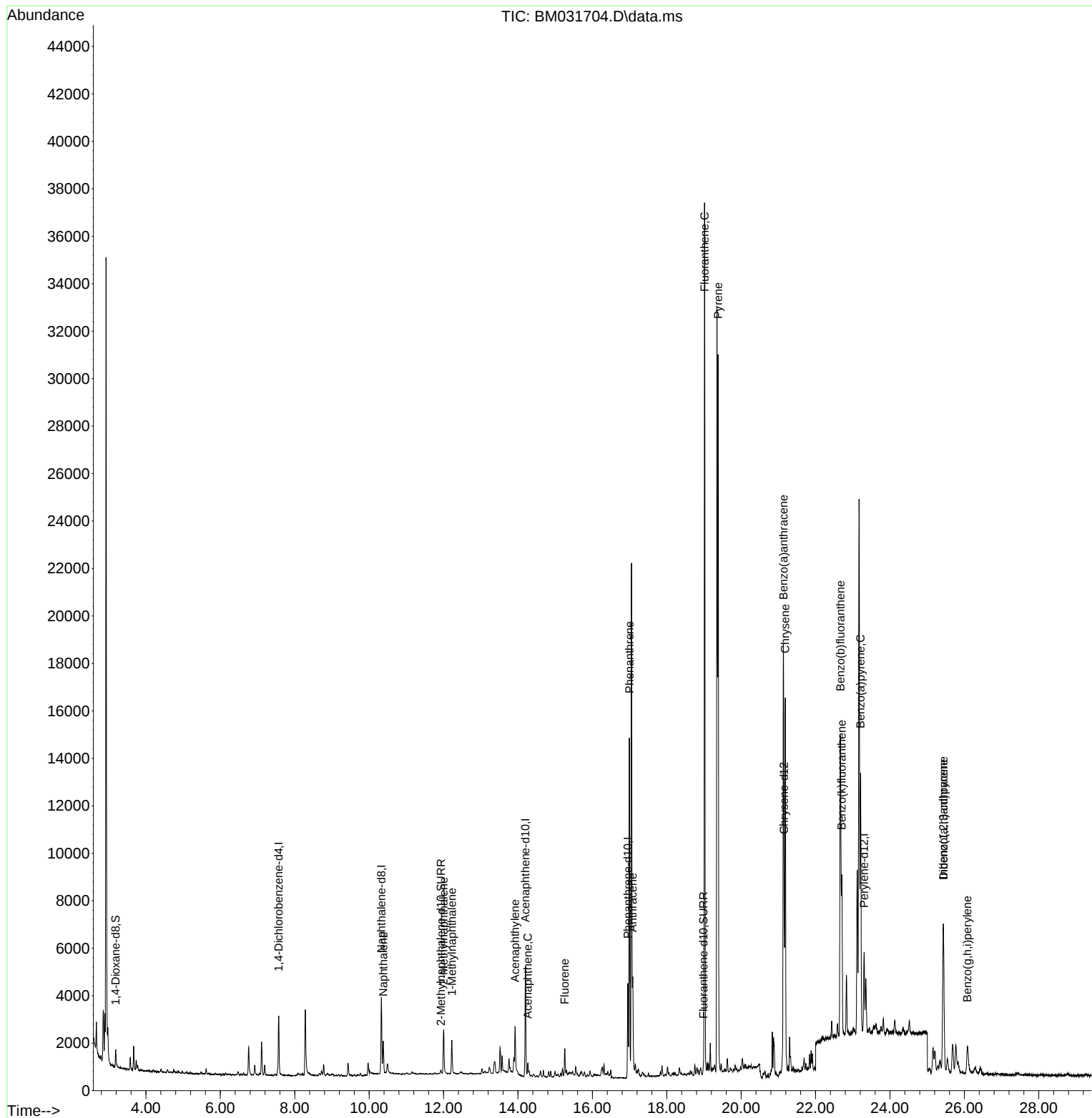
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Data File : BM031704.D
Acq On : 13 Aug 2021 08:21
Operator : CG/JU
Sample : M3182-04DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

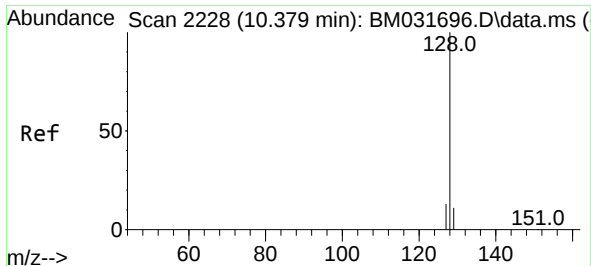
Instrument :
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ClientSampleId :
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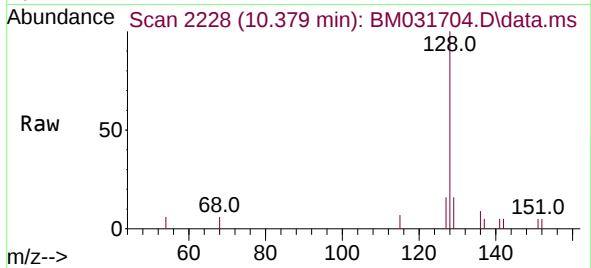
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Quant Time: Aug 13 09:10:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

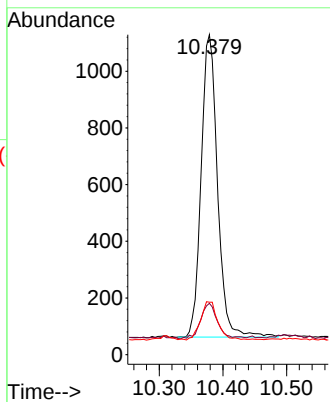
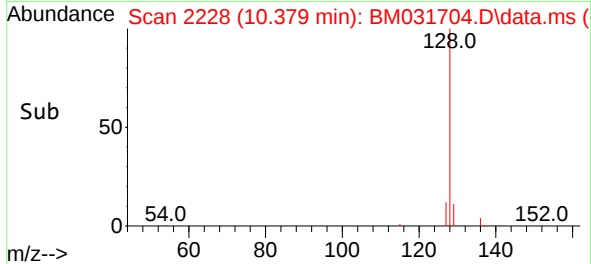




#5
Naphthalene
Concen: 0.138 ng/ul
RT: 10.379 min Scan# 2228
Delta R.T. -0.003 min
Lab File: BM031704.D
Acq: 13 Aug 2021 08:21



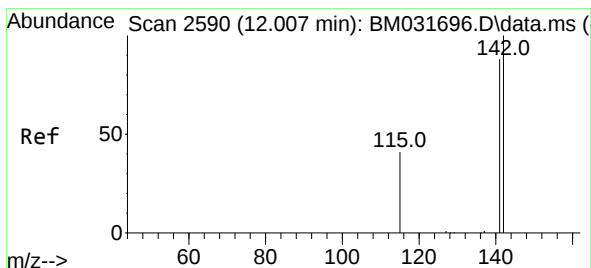
Tgt Ion:128 Resp: 1901
Ion Ratio Lower Upper
128 100
129 16.0 10.0 15.0#
127 16.4 11.6 17.4



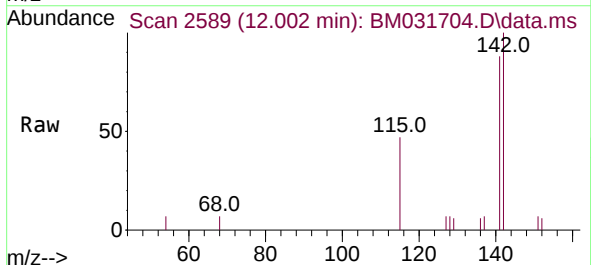
Instrument :
BNA_M
ClientSampleId :
C00C2DL

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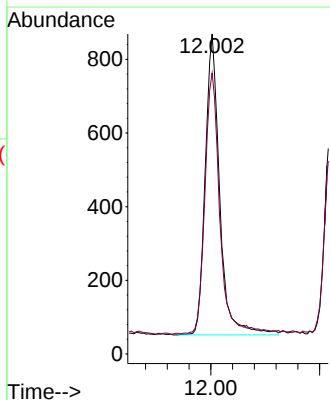
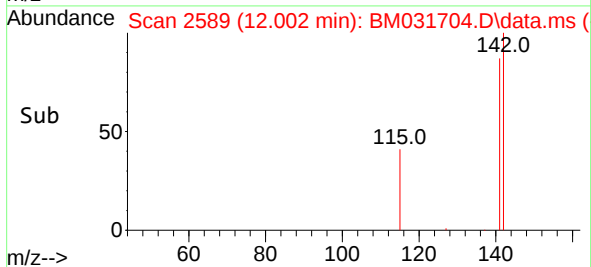
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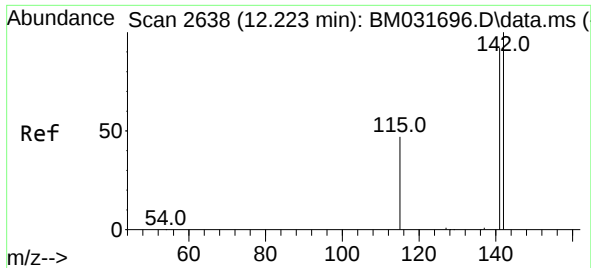


#7
2-Methylnaphthalene
Concen: 0.160 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. -0.003 min
Lab File: BM031704.D
Acq: 13 Aug 2021 08:21



Tgt Ion:142 Resp: 1503
Ion Ratio Lower Upper
142 100
141 90.0 71.4 107.0





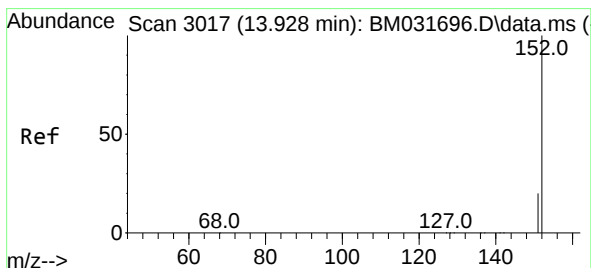
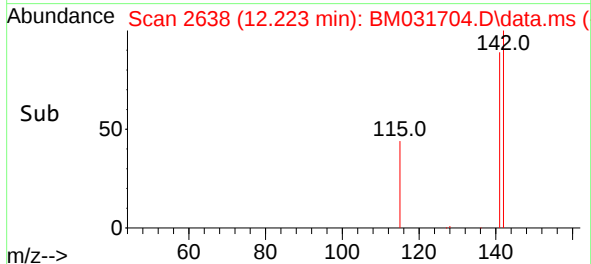
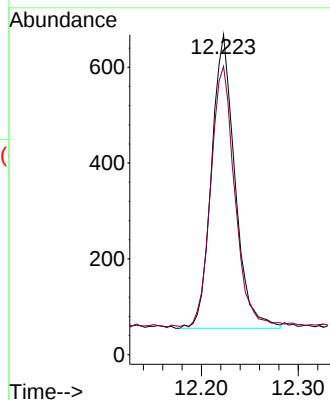
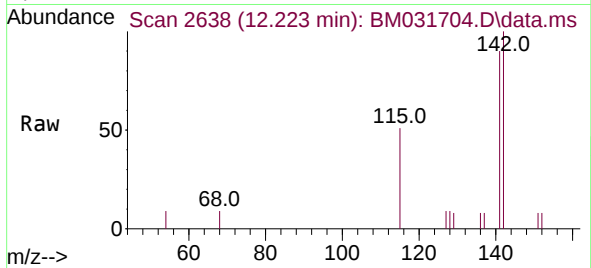
#8
1-Methylnaphthalene
Concen: 0.111 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. -0.003 min
Lab File: BM031704.D
Acq: 13 Aug 2021 08:21

Tgt Ion:142 Resp: 1028
Ion Ratio Lower Upper
142 100
141 91.0 74.1 111.1

Instrument :
BNA_M
ClientSampled :
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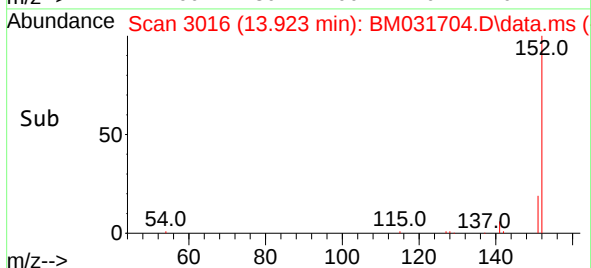
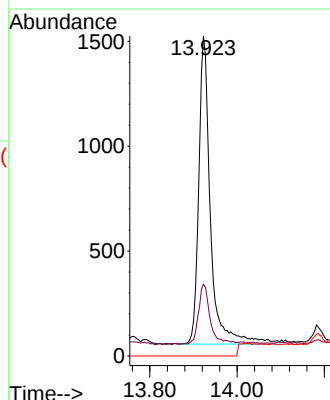
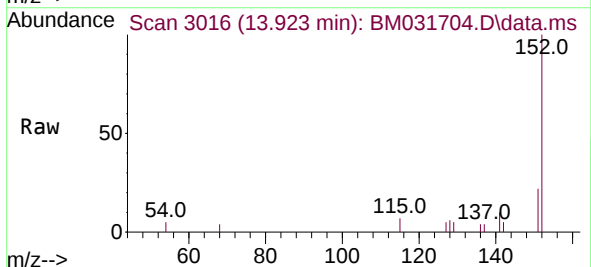
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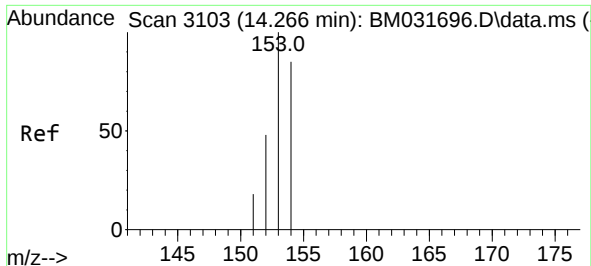
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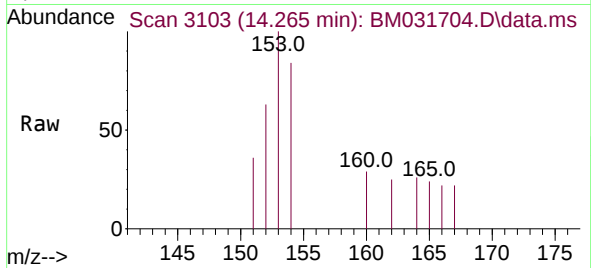
#10
Acenaphthylene
Concen: 0.242 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031704.D
Acq: 13 Aug 2021 08:21

Tgt Ion:152 Resp: 2578
Ion Ratio Lower Upper
152 100
151 22.4 16.9 25.3
153 0.0 0.0 0.0

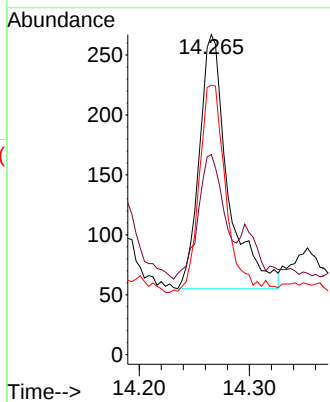
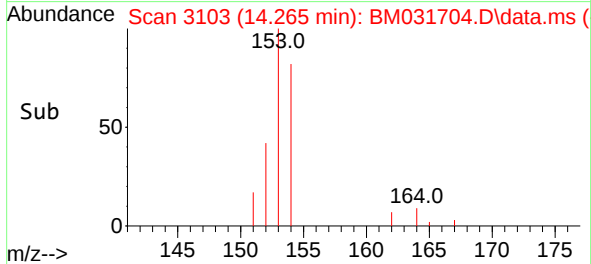




#11
Acenaphthene
Concen: 0.043 ng/ul
RT: 14.265 min Scan# 3103
Delta R.T. -0.007 min
Lab File: BM031704.D
Acq: 13 Aug 2021 08:21



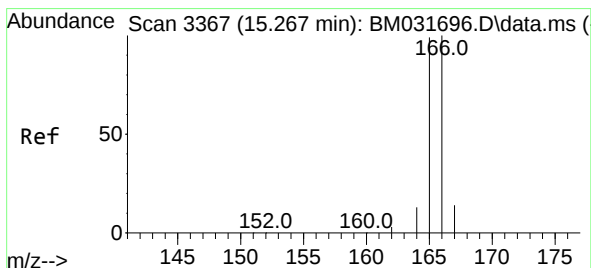
Tgt Ion:153 Resp: 385
Ion Ratio Lower Upper
153 100
152 62.5 40.7 61.1#
154 84.3 70.2 105.2



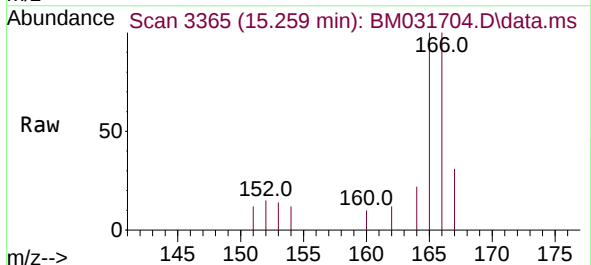
Instrument :
BNA_M
ClientSampled :
C00C2DL

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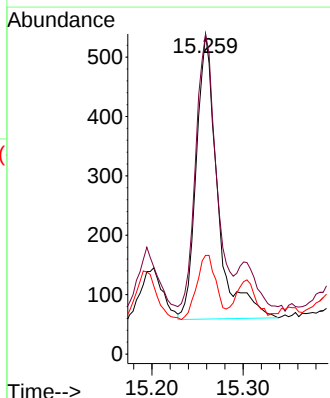
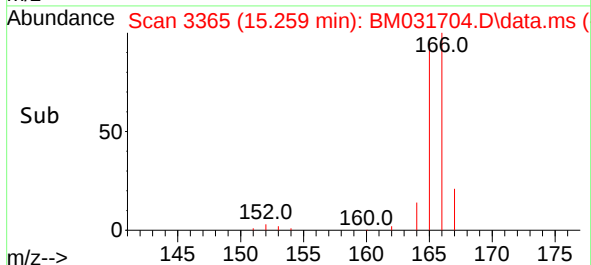
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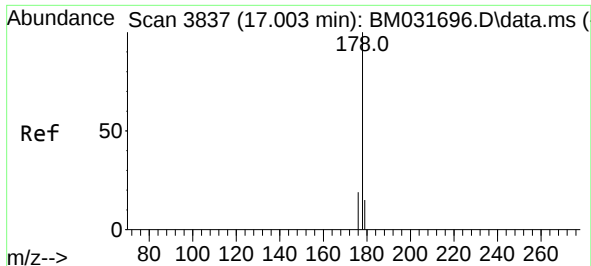


#12
Fluorene
Concen: 0.075 ng/ul
RT: 15.259 min Scan# 3365
Delta R.T. -0.011 min
Lab File: BM031704.D
Acq: 13 Aug 2021 08:21



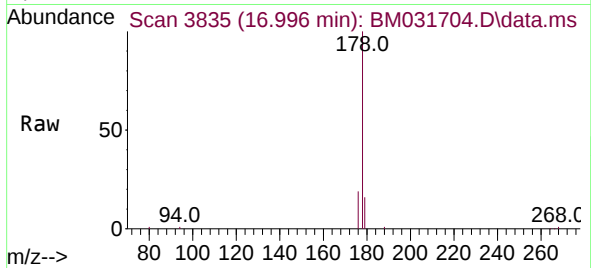
Tgt Ion:166 Resp: 779
Ion Ratio Lower Upper
166 100
165 100.2 78.0 117.0
167 30.9 12.0 18.0#





#15
Phenanthrene
Concen: 1.022 ng/ul
RT: 16.996 min Scan# 3835
Delta R.T. -0.007 min
Lab File: BM031704.D
Acq: 13 Aug 2021 08:21

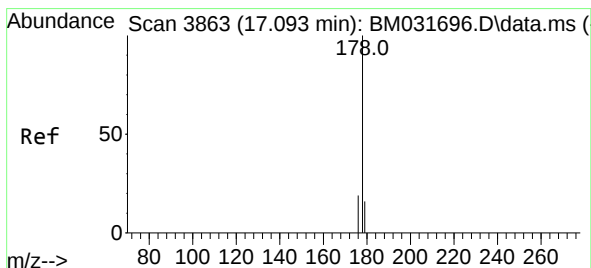
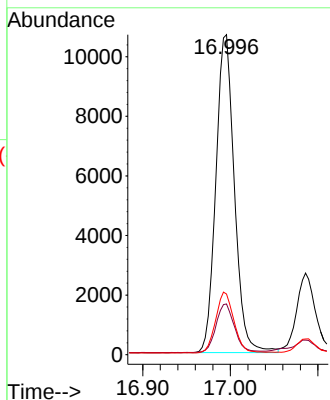
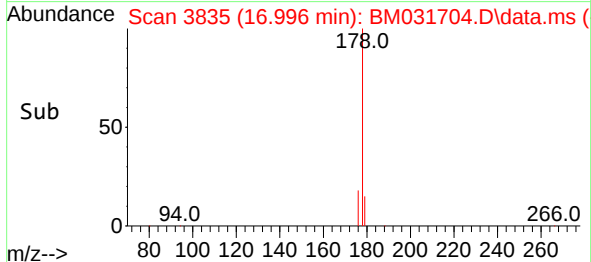
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ClientSampleID :
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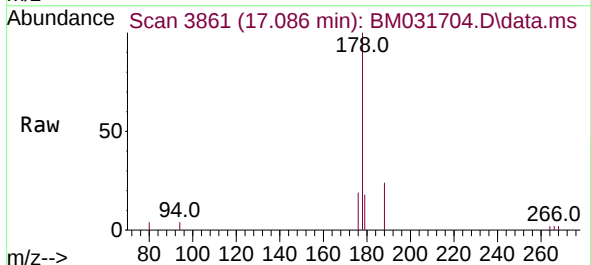
Tgt Ion:178 Resp: 15700
Ion Ratio Lower Upper
178 100
179 15.9 13.3 19.9
176 18.9 16.2 24.4

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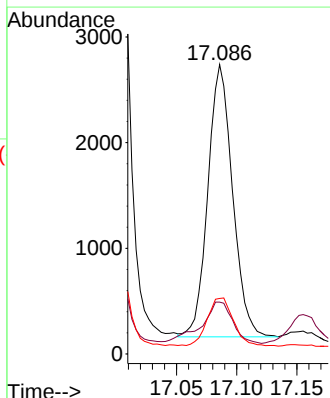
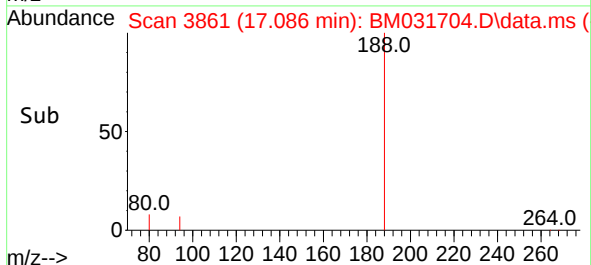
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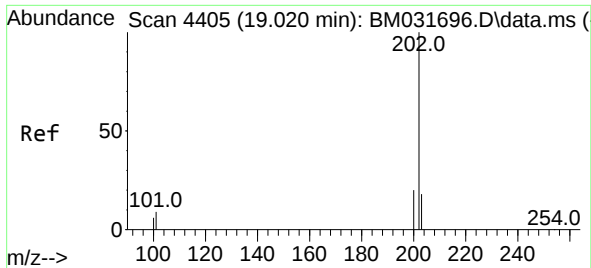


#16
Anthracene
Concen: 0.256 ng/ul
RT: 17.086 min Scan# 3861
Delta R.T. -0.010 min
Lab File: BM031704.D
Acq: 13 Aug 2021 08:21



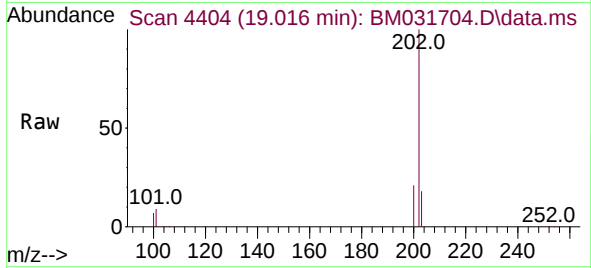
Tgt Ion:178 Resp: 3679
Ion Ratio Lower Upper
178 100
179 17.9 13.0 19.6
176 19.2 15.6 23.4





#19
Fluoranthene
Concen: 1.826 ng/ul
RT: 19.016 min Scan# 4404
Delta R.T. -0.011 min
Lab File: BM031704.D
Acq: 13 Aug 2021 08:21

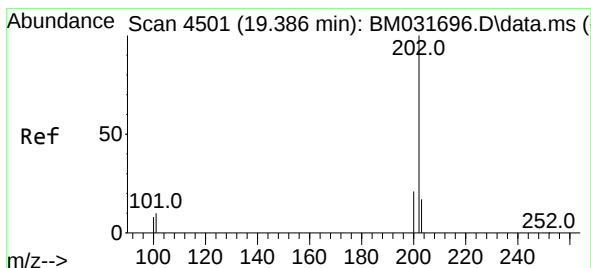
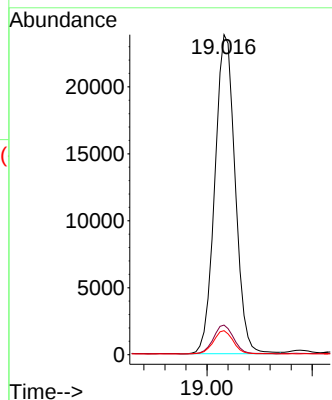
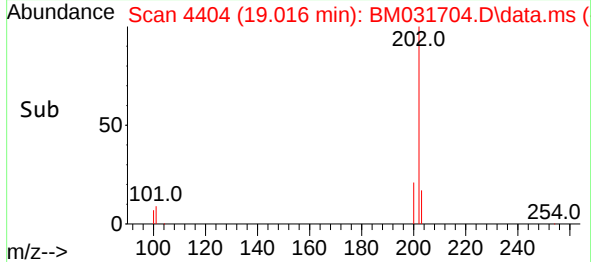
Instrument :
BNA_M
ClientSampleId :
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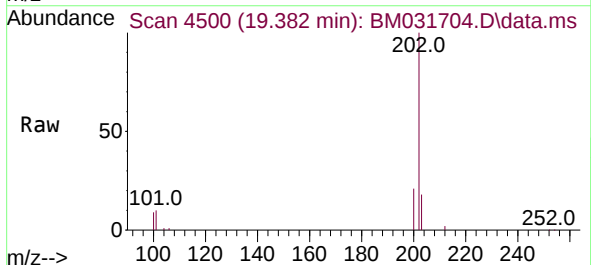
Tgt Ion:202 Resp: 31945
Ion Ratio Lower Upper
202 100
101 9.3 6.6 10.0
100 7.5 5.4 8.0

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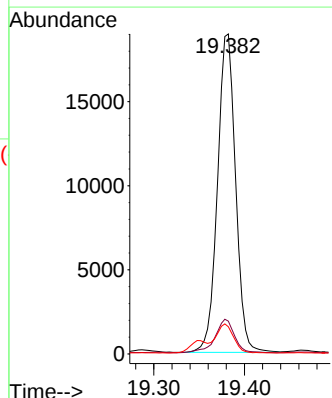
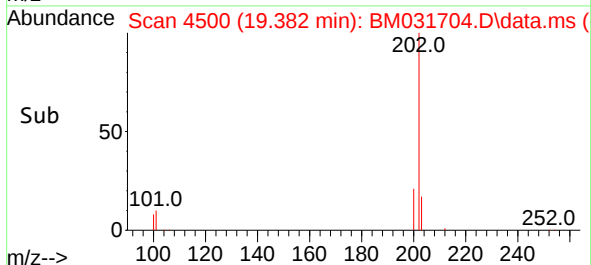
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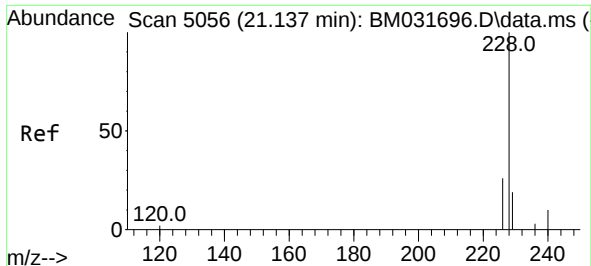


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Pyrene
Concen: 1.482 ng/ul
RT: 19.382 min Scan# 4500
Delta R.T. -0.007 min
Lab File: BM031704.D
Acq: 13 Aug 2021 08:21



Tgt Ion:202 Resp: 26296
Ion Ratio Lower Upper
202 100
101 10.3 7.8 11.6
100 8.5 6.6 10.0





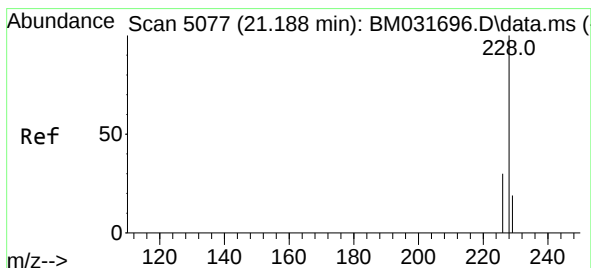
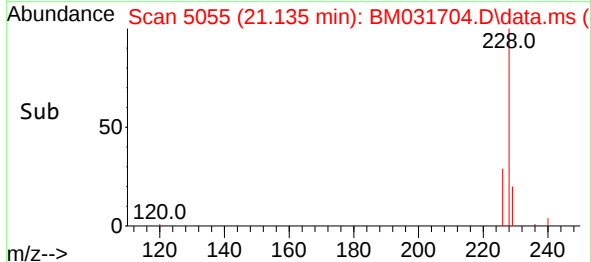
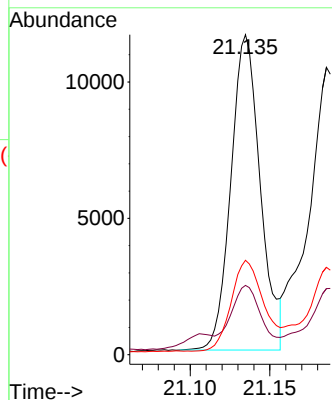
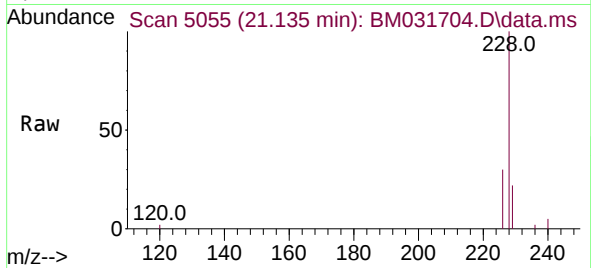
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Benzo(a)anthracene
Concen: 0.898 ng/ul
RT: 21.135 min Scan# 5055
Delta R.T. -0.009 min
Lab File: BM031704.D
Acq: 13 Aug 2021 08:21

Tgt Ion:	228	Resp:	14848
Ion Ratio	Lower	Upper	
228	100		
229	21.7	15.6	23.4
226	29.5	21.7	32.5

Instrument :
BNA_M
ClientSampled :
C00C2DL

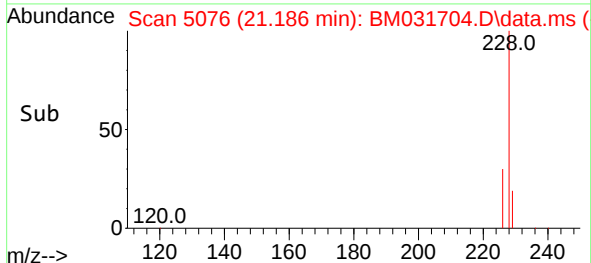
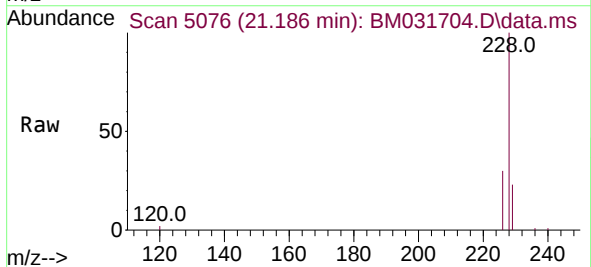
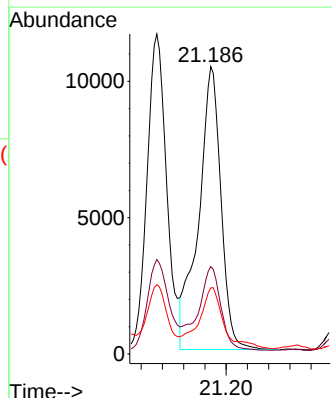
Manual Integrations
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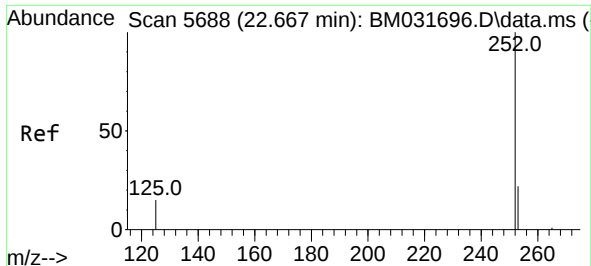
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#22
Chrysene
Concen: 0.891 ng/ul
RT: 21.186 min Scan# 5076
Delta R.T. -0.009 min
Lab File: BM031704.D
Acq: 13 Aug 2021 08:21

Tgt Ion:	228	Resp:	15252
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.7	37.1
229	23.0	16.2	24.2





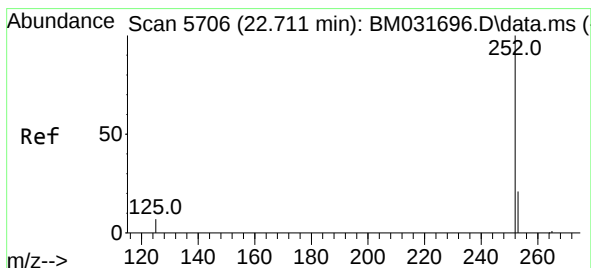
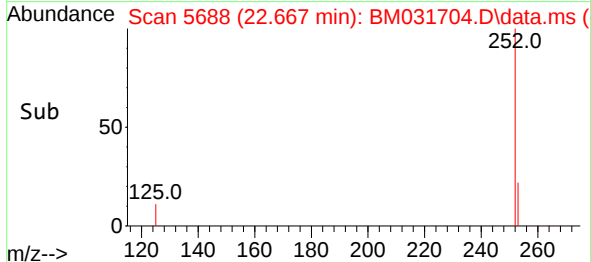
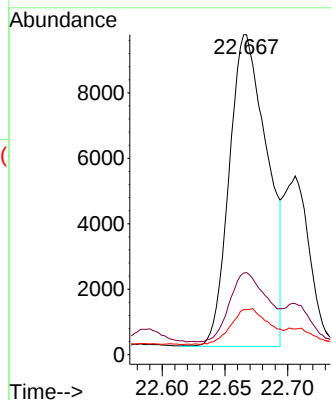
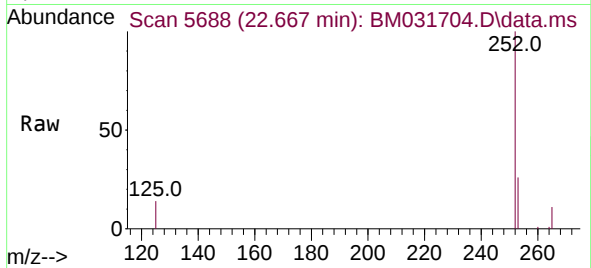
#24
Benzo(b)fluoranthene
Concen: 1.065 ng/ul m
RT: 22.667 min Scan# 5688
Delta R.T. -0.009 min
Lab File: BM031704.D
Acq: 13 Aug 2021 08:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	0.0	53.0
125	14.0	0.0	22.8

Instrument :
BNA_M
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C00C2DL

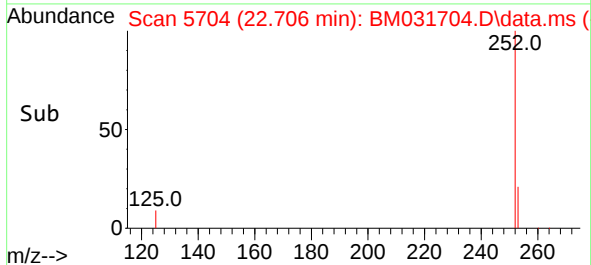
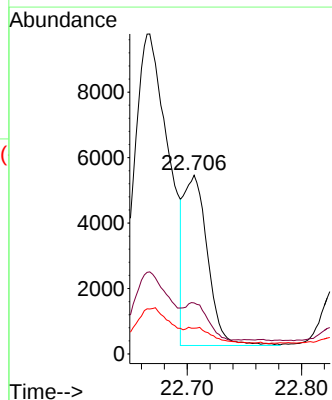
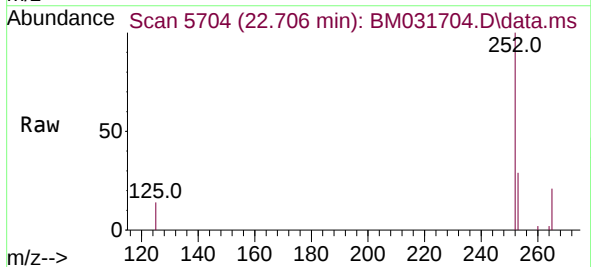
Manual Integrations
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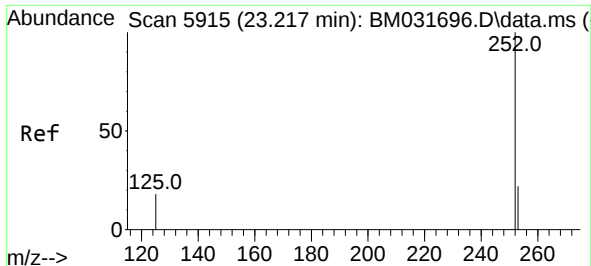
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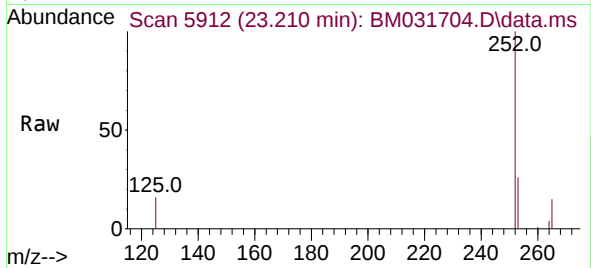
#25
Benzo(k)fluoranthene
Concen: 0.387 ng/ul m
RT: 22.706 min Scan# 5704
Delta R.T. -0.014 min
Lab File: BM031704.D
Acq: 13 Aug 2021 08:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.6	21.3	31.9
125	14.4	8.8	13.2

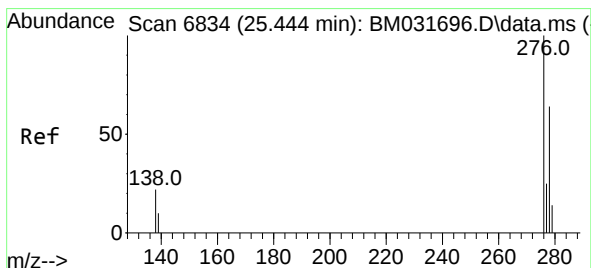
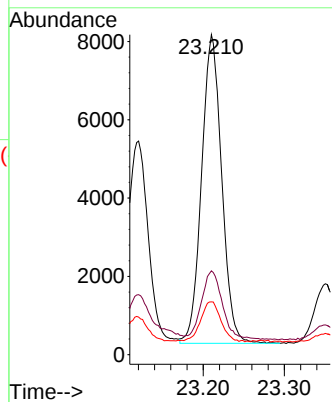
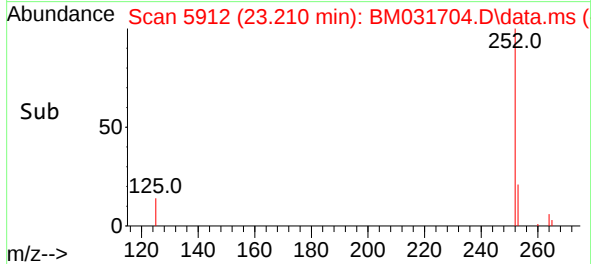




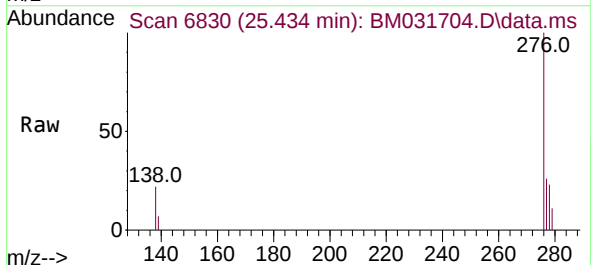
#26
Benzo(a)pyrene
Concen: 0.822 ng/ul
RT: 23.210 min Scan# 5912
Delta R.T. -0.017 min
Lab File: BM031704.D
Acq: 13 Aug 2021 08:21



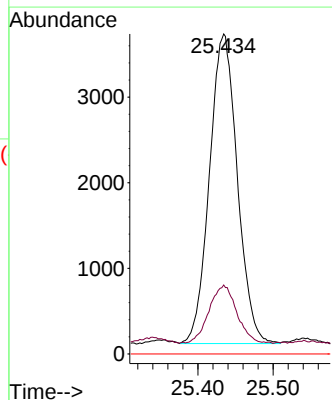
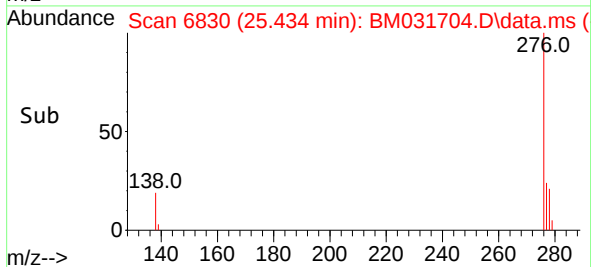
Tgt Ion:252 Resp: 13583
Ion Ratio Lower Upper
252 100
253 26.2 22.4 33.6
125 16.5 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng/ul
RT: 25.434 min Scan# 6830
Delta R.T. -0.026 min
Lab File: BM031704.D
Acq: 13 Aug 2021 08:21



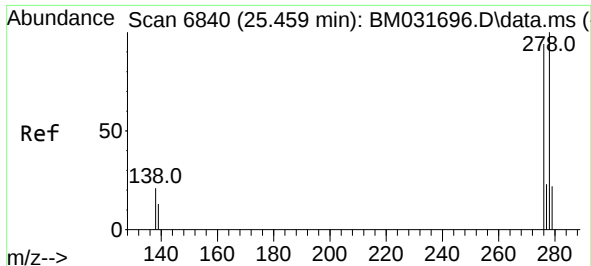
Tgt Ion:276 Resp: 9300
Ion Ratio Lower Upper
276 100
138 18.7 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampleId :
C00C2DL

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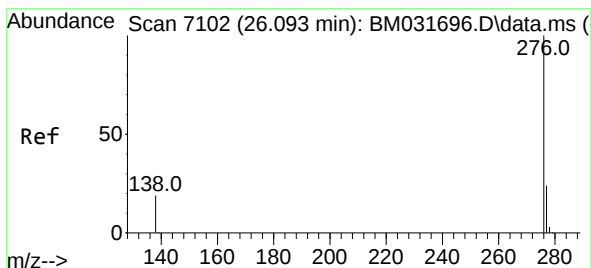
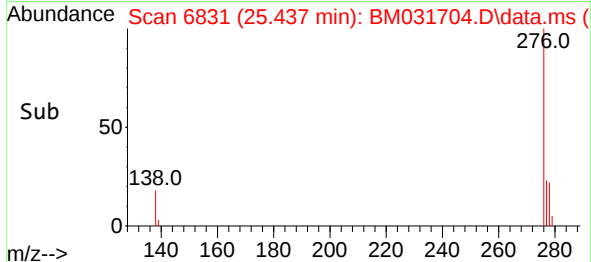
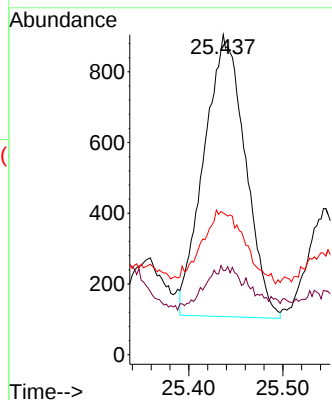
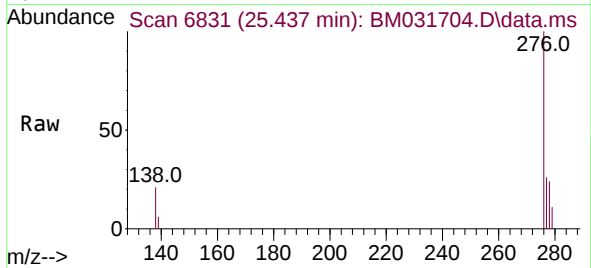
#28
Dibenzo(a,h)anthracene
Concen: 0.141 ng/ul
RT: 25.437 min Scan# 6831
Delta R.T. -0.036 min
Lab File: BM031704.D
Acq: 13 Aug 2021 08:21

Tgt Ion: 278 Resp: 2429
Ion Ratio Lower Upper
278 100
139 26.3 13.3 19.9#
279 44.3 22.8 34.2#

Instrument :
BNA_M
ClientSampled :
C00C2DL

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.132 ng/ul
RT: 26.083 min Scan# 7098
Delta R.T. -0.024 min
Lab File: BM031704.D
Acq: 13 Aug 2021 08:21

Tgt Ion: 276 Resp: 2409
Ion Ratio Lower Upper
276 100
138 29.3 15.4 23.2#
277 33.4 19.9 29.9#

