

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031716.D
 Acq On : 13 Aug 2021 15:50
 Operator : CG/JU
 Sample : M3208-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00E1

Manual Integrations
 APPROVED

mohammad
 8/16/2021 8:39:59 AM

Quant Time: Aug 13 16:21:48 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	7.569	152	1286	0.400	ng/ul	0.00
4) Naphthalene-d8	10.325	136	4816	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.201	164	2818	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	5229	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.155	240	4287	0.400	ng/ul	# 0.00
23) Perylene-d12	23.310	264	4163	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	4456	3.120	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	1609	0.198	ng/ul	-0.01
18) Fluoranthene-d10	18.989	212	3168	0.221	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.374	128	6613	0.461	ng/ul	99
7) 2-Methylnaphthalene	11.998	142	6355	0.648	ng/ul	100
8) 1-Methylnaphthalene	12.218	142	3982	0.411	ng/ul	98
10) Acenaphthylene	13.923	152	6659	0.555	ng/ul	100
11) Acenaphthene	14.265	153	822	0.081	ng/ul	94
12) Fluorene	15.259	166	1442	0.124	ng/ul#	82
15) Phenanthrene	16.992	178	41205	2.482	ng/ul	98
16) Anthracene	17.086	178	8507	0.547	ng/ul	99
19) Fluoranthene	19.020	202	88313	4.824	ng/ul	98
20) Pyrene	19.382	202	74621	4.019	ng/ul	96
21) Benzo(a)anthracene	21.138	228	45714	2.641	ng/ul	93
22) Chrysene	21.189	228	49692	2.774	ng/ul	97
24) Benzo(b)fluoranthene	22.673	252	59847m	3.191	ng/ul	
25) Benzo(k)fluoranthene	22.709	252	25026m	1.291	ng/ul	
26) Benzo(a)pyrene	23.218	252	38892	2.368	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.440	276	27906	1.314	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.450	278	7850	0.459	ng/ul#	80
29) Benzo(g,h,i)perylene	26.094	276	8375	0.462	ng/ul#	89

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

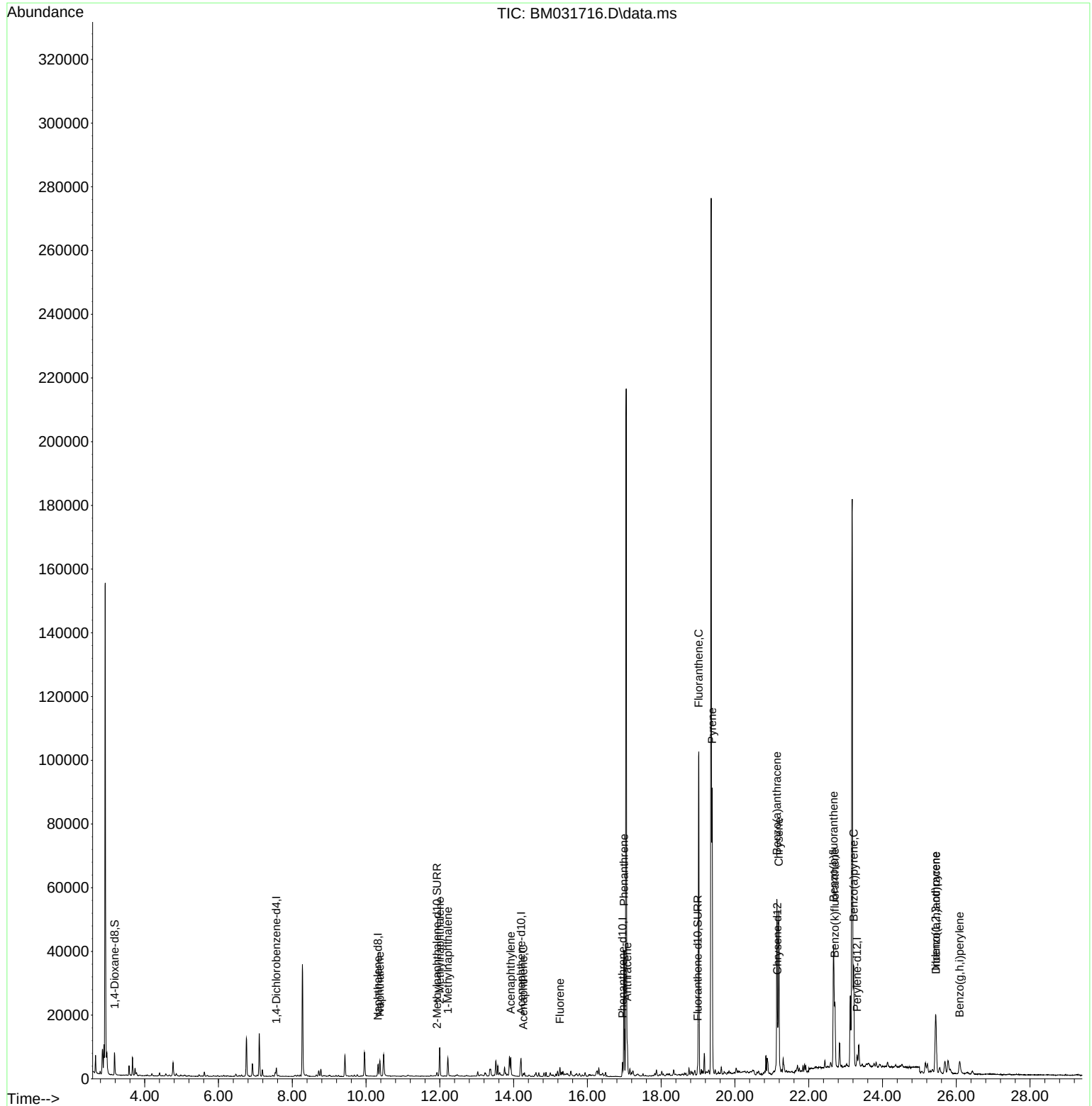
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031716.D
Acq On : 13 Aug 2021 15:50
Operator : CG/JU
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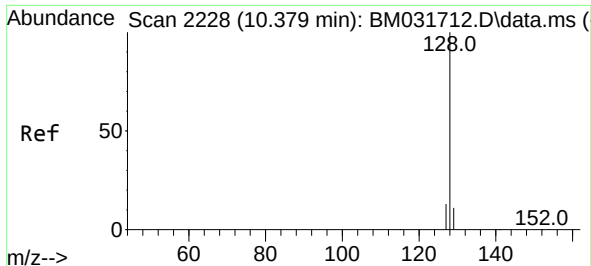
Instrument :
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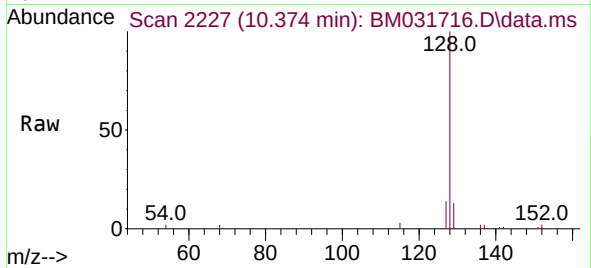
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Quant Time: Aug 13 16:21:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
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QLast Update : Thu Aug 12 17:28:09 2021
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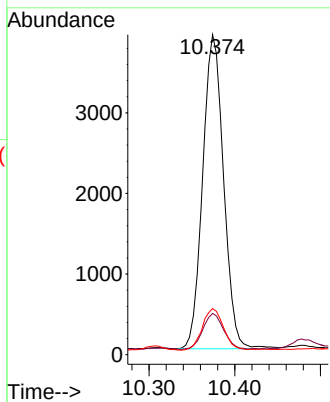
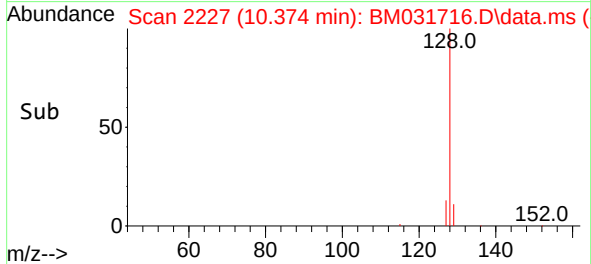




#5
Naphthalene
Concen: 0.461 ng/ul
RT: 10.374 min Scan# 2227
Delta R.T. -0.008 min
Lab File: BM031716.D
Acq: 13 Aug 2021 15:50



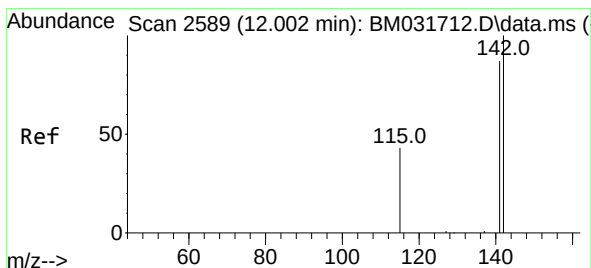
Tgt Ion:128 Resp: 6613
Ion Ratio Lower Upper
128 100
129 12.9 10.0 15.0
127 14.4 11.6 17.4



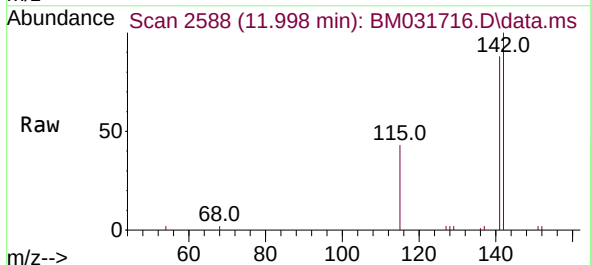
Instrument :
BNA_M
ClientSampled :
C00E1

Manual Integrations
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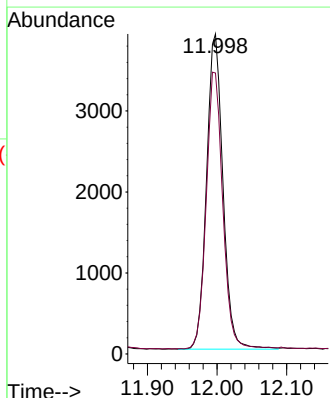
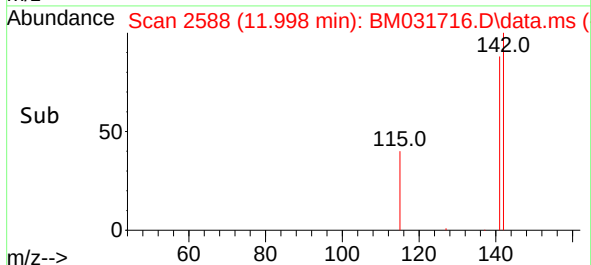
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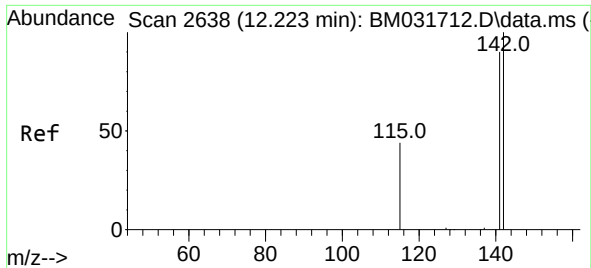


#7
2-Methylnaphthalene
Concen: 0.648 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031716.D
Acq: 13 Aug 2021 15:50



Tgt Ion:142 Resp: 6355
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0





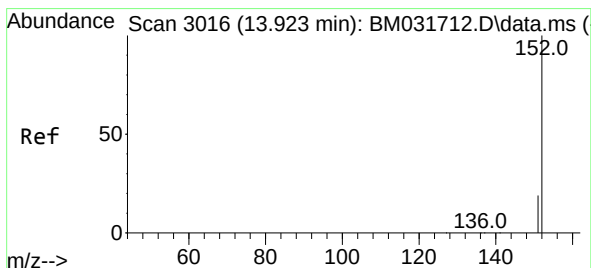
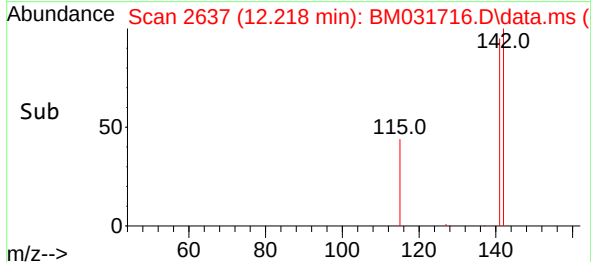
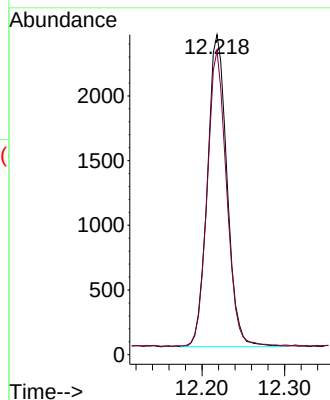
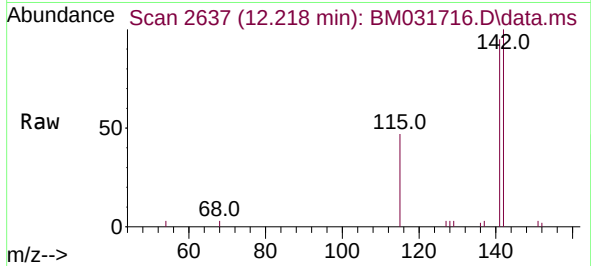
#8
1-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.218 min Scan# 2637
Delta R.T. -0.008 min
Lab File: BM031716.D
Acq: 13 Aug 2021 15:50

Tgt Ion:142 Resp: 3982
Ion Ratio Lower Upper
142 100
141 94.1 74.1 111.1

Instrument :
BNA_M
ClientSampleId :
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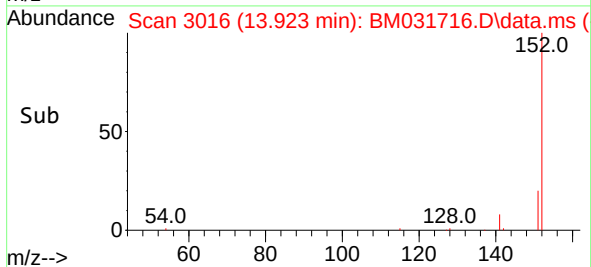
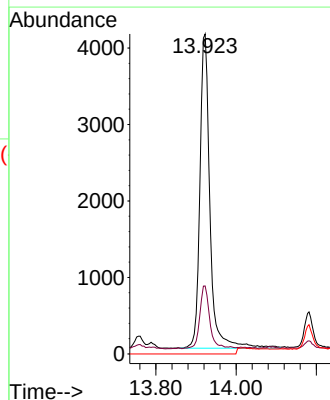
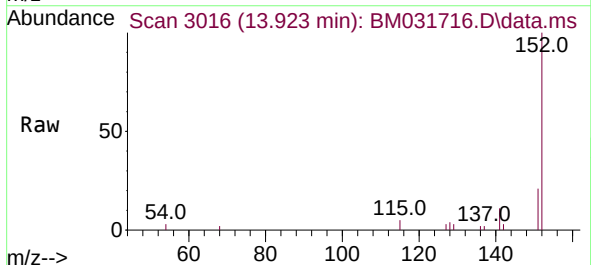
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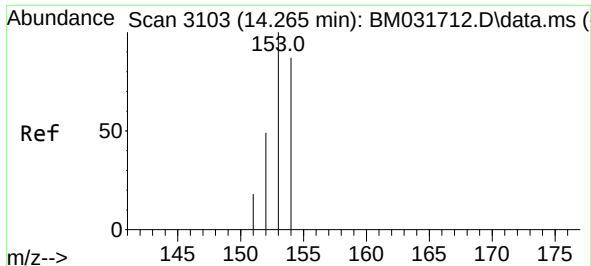
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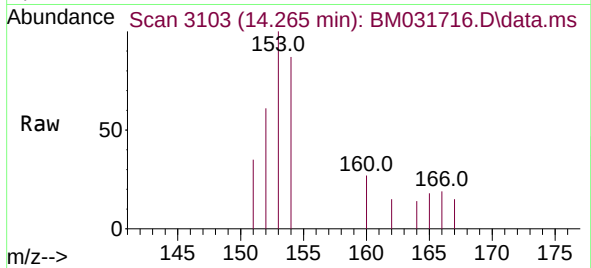
#10
Acenaphthylene
Concen: 0.555 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031716.D
Acq: 13 Aug 2021 15:50

Tgt Ion:152 Resp: 6659
Ion Ratio Lower Upper
152 100
151 21.2 16.9 25.3
153 0.0 0.0 0.0

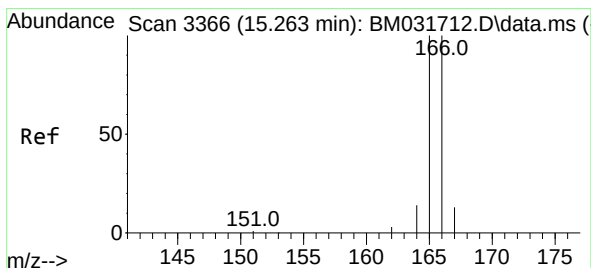
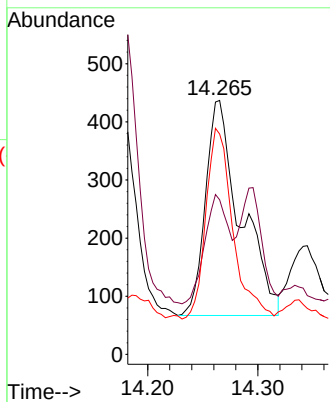
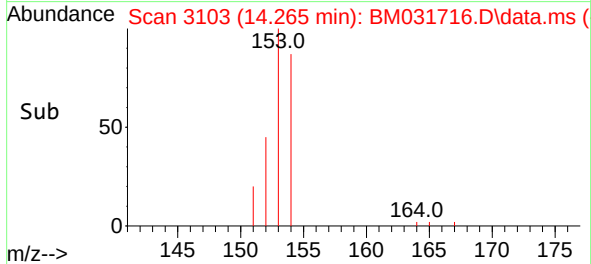




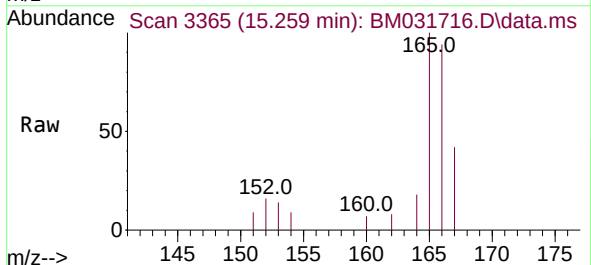
#11
Acenaphthene
Concen: 0.081 ng/ul
RT: 14.265 min Scan# 3103
Delta R.T. -0.007 min
Lab File: BM031716.D
Acq: 13 Aug 2021 15:50



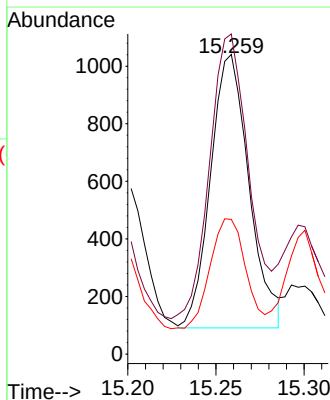
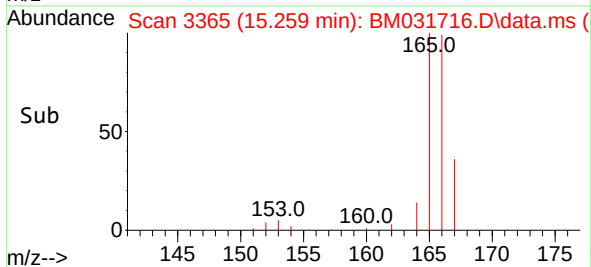
Tgt Ion:153 Resp: 822
Ion Ratio Lower Upper
153 100
152 60.9 40.7 61.1
154 86.7 70.2 105.2



#12
Fluorene
Concen: 0.124 ng/ul
RT: 15.259 min Scan# 3365
Delta R.T. -0.011 min
Lab File: BM031716.D
Acq: 13 Aug 2021 15:50



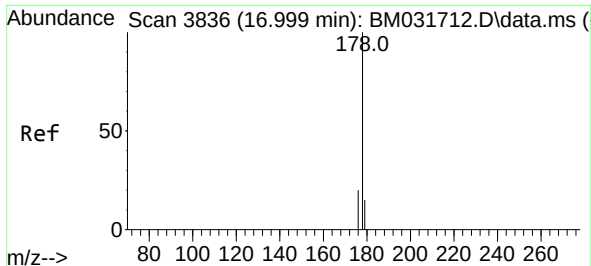
Tgt Ion:166 Resp: 1442
Ion Ratio Lower Upper
166 100
165 106.8 78.0 117.0
167 45.0 12.0 18.0#



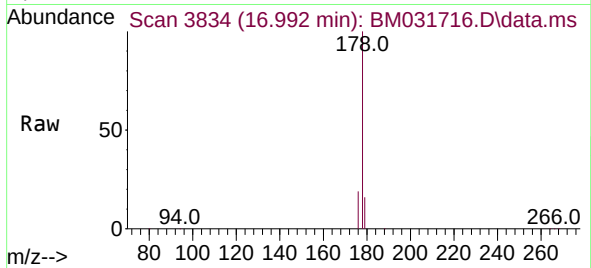
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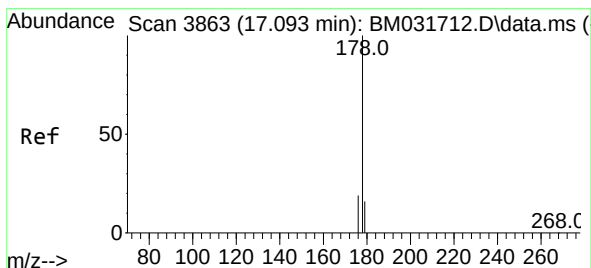
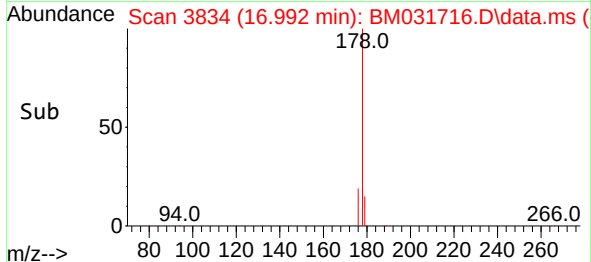
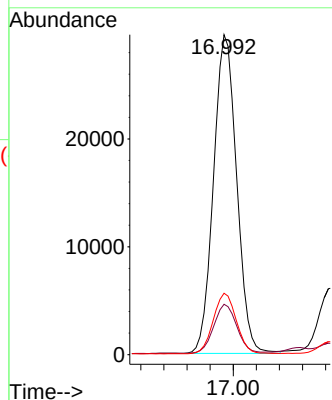
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#15
Phenanthrene
Concen: 2.482 ng/ul
RT: 16.992 min Scan# 3834
Delta R.T. -0.010 min
Lab File: BM031716.D
Acq: 13 Aug 2021 15:50

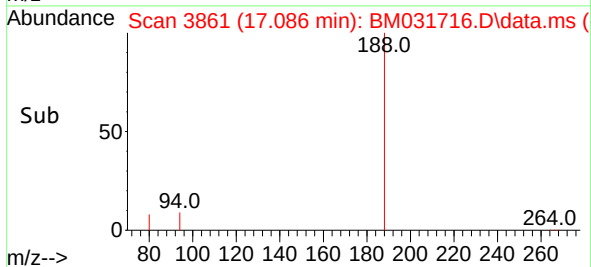
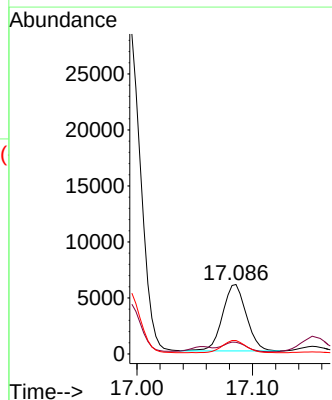
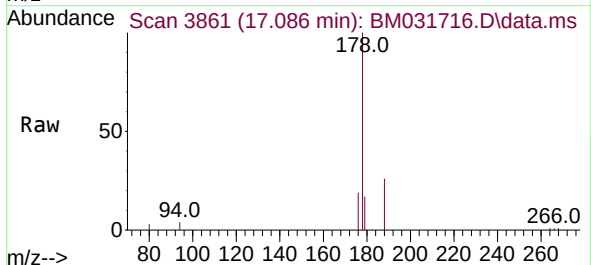


Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.3	19.9
176	19.2	16.2	24.4



#16
Anthracene
Concen: 0.547 ng/ul
RT: 17.086 min Scan# 3861
Delta R.T. -0.010 min
Lab File: BM031716.D
Acq: 13 Aug 2021 15:50

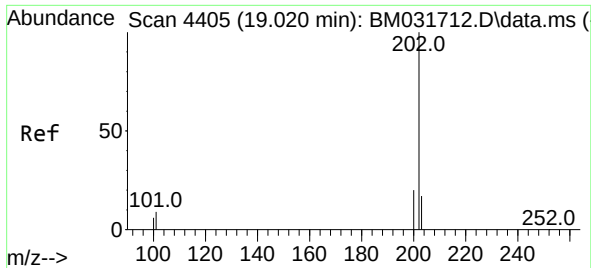
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.0	19.6
176	19.5	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
C00E1

Manual Integrations
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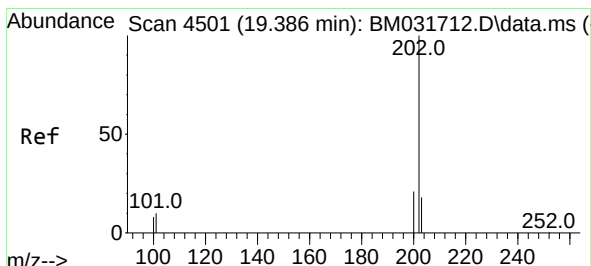
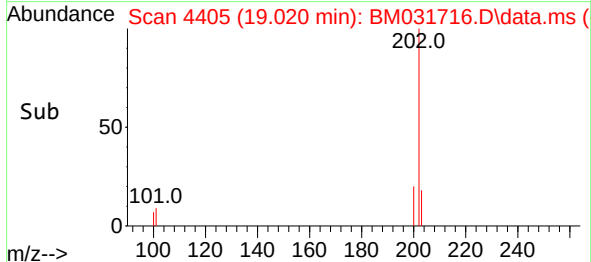
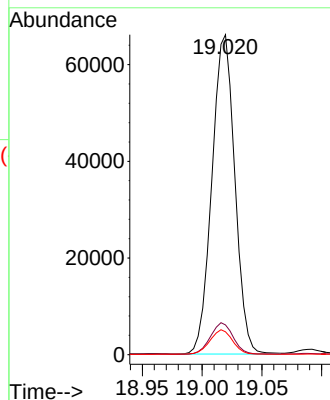
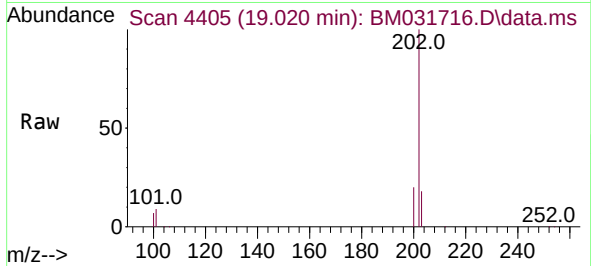
#19
Fluoranthene
Concen: 4.824 ng/ul
RT: 19.020 min Scan# 4405
Delta R.T. -0.008 min
Lab File: BM031716.D
Acq: 13 Aug 2021 15:50

Tgt Ion:	202	Resp:	88313
Ion Ratio	Lower	Upper	
202	100		
101	9.3	6.6	10.0
100	7.2	5.4	8.0

Instrument :
BNA_M
ClientSampled :
C00E1

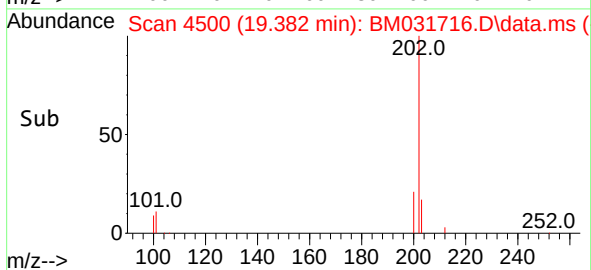
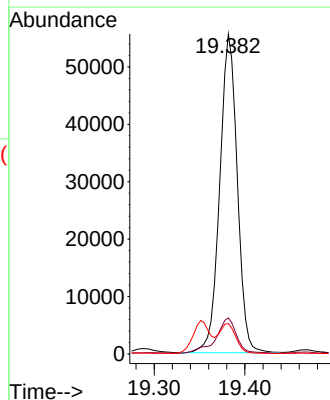
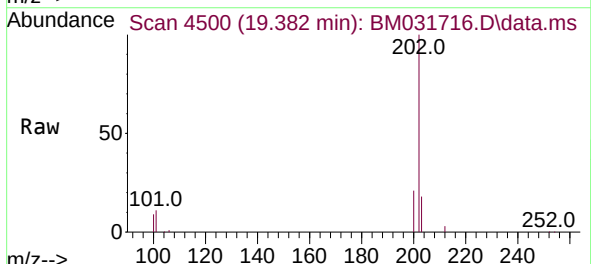
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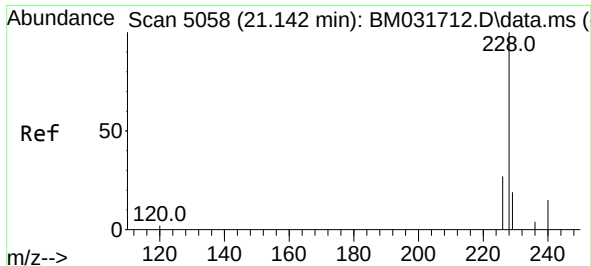
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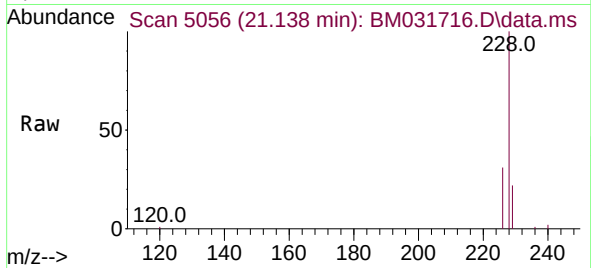
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Pyrene
Concen: 4.019 ng/ul
RT: 19.382 min Scan# 4500
Delta R.T. -0.008 min
Lab File: BM031716.D
Acq: 13 Aug 2021 15:50

Tgt Ion:	202	Resp:	74621
Ion Ratio	Lower	Upper	
202	100		
101	11.3	7.8	11.6
100	9.5	6.6	10.0

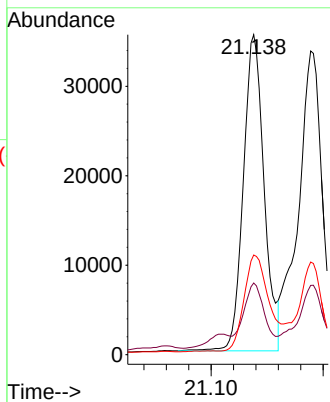
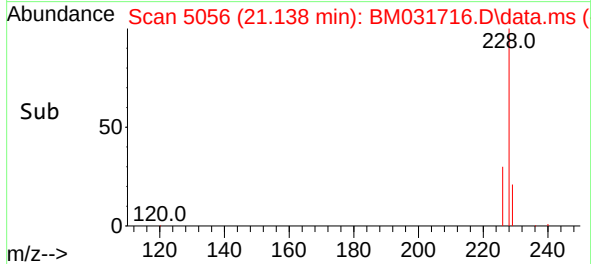




#21
Benzo(a)anthracene
Concen: 2.641 ng/ul
RT: 21.138 min Scan# 5056
Delta R.T. -0.006 min
Lab File: BM031716.D
Acq: 13 Aug 2021 15:50



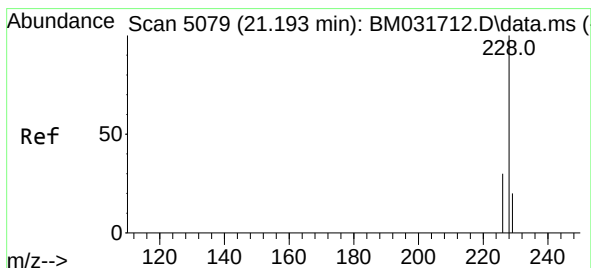
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Ion Ratio Lower Upper
228 100
229 22.4 15.6 23.4
226 31.1 21.7 32.5



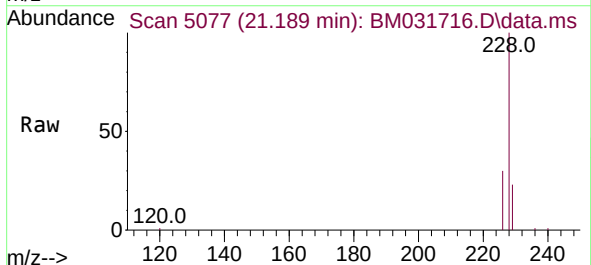
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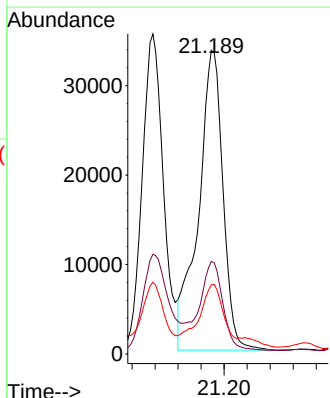
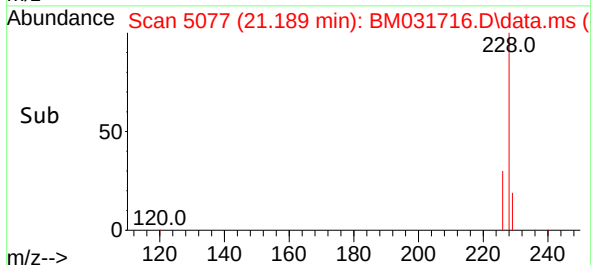
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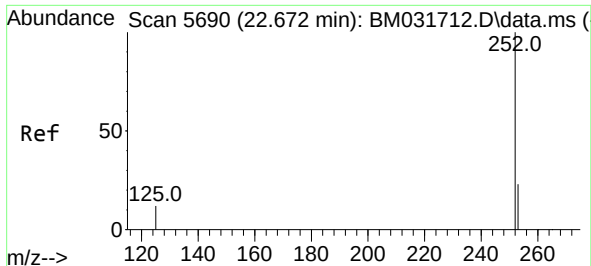


#22
Chrysene
Concen: 2.774 ng/ul
RT: 21.189 min Scan# 5077
Delta R.T. -0.006 min
Lab File: BM031716.D
Acq: 13 Aug 2021 15:50



Tgt Ion:228 Resp: 49692
Ion Ratio Lower Upper
228 100
226 30.5 24.7 37.1
229 22.8 16.2 24.2





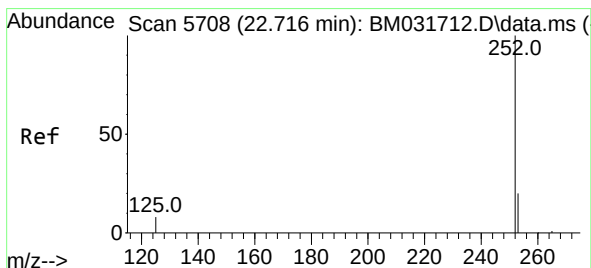
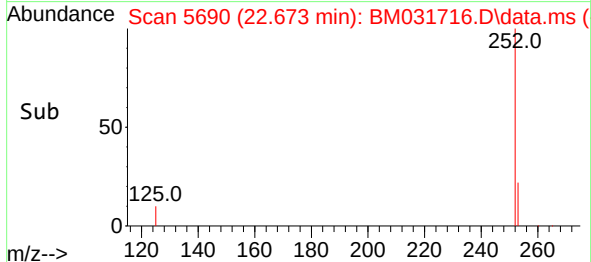
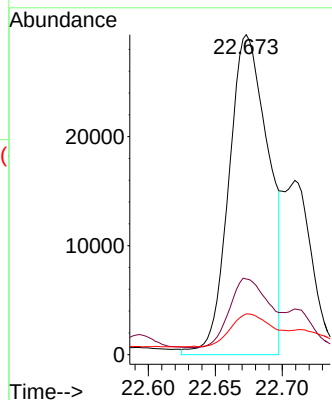
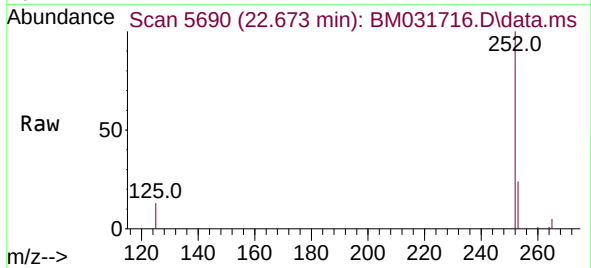
#24
Benzo(b)fluoranthene
Concen: 3.191 ng/ul m
RT: 22.673 min Scan# 5690
Delta R.T. -0.003 min
Lab File: BM031716.D
Acq: 13 Aug 2021 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	53.0
125	12.7	0.0	22.8

Instrument :
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ClientSampled :
C00E1

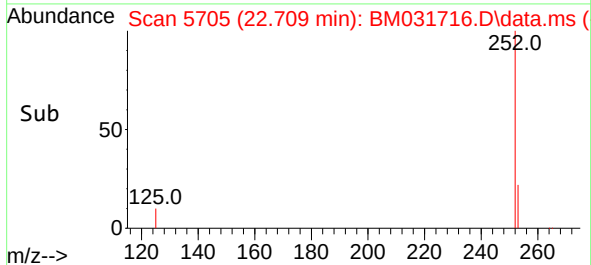
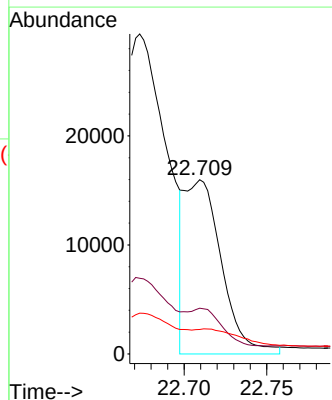
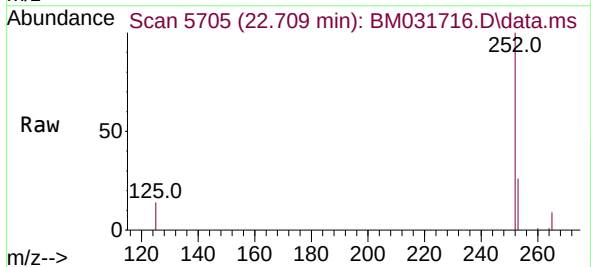
Manual Integrations
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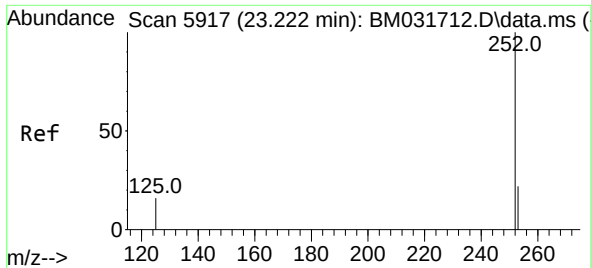
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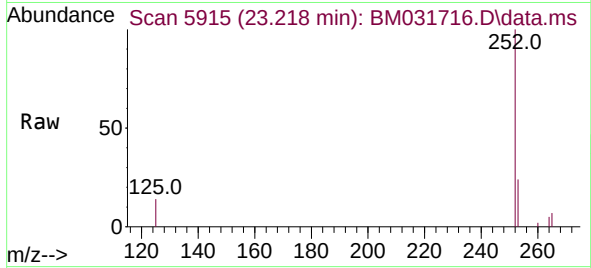
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Benzo(k)fluoranthene
Concen: 1.291 ng/ul m
RT: 22.709 min Scan# 5705
Delta R.T. -0.011 min
Lab File: BM031716.D
Acq: 13 Aug 2021 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	21.3	31.9
125	14.1	8.8	13.2

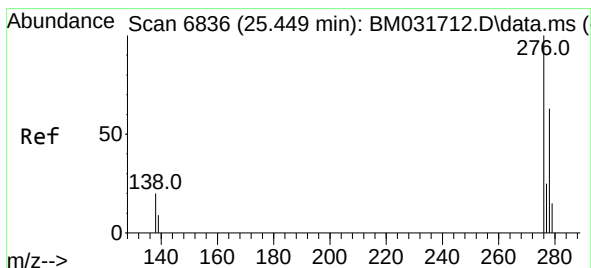
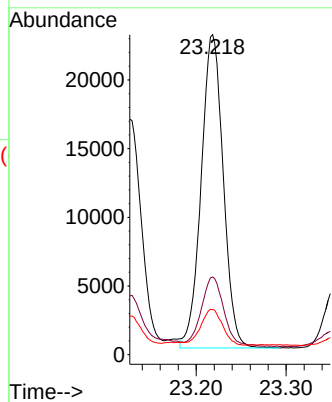
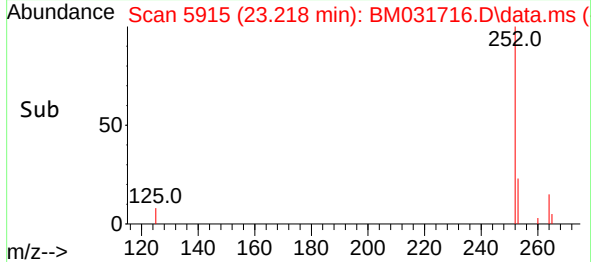




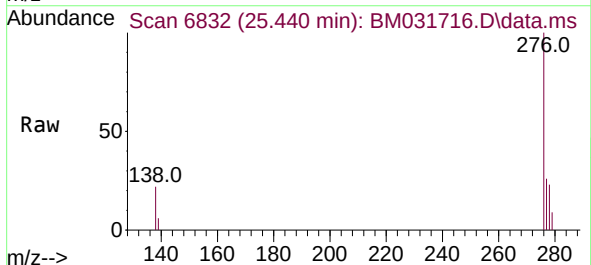
#26
Benzo(a)pyrene
Concen: 2.368 ng/ul
RT: 23.218 min Scan# 5915
Delta R.T. -0.008 min
Lab File: BM031716.D
Acq: 13 Aug 2021 15:50



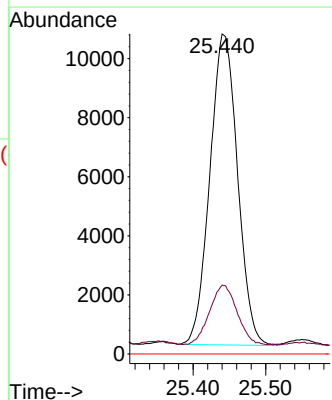
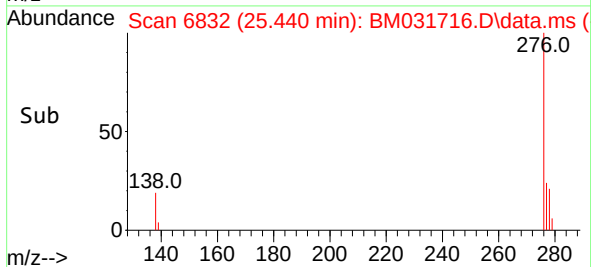
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	22.4	33.6
125	14.1	13.0	19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.314 ng/ul
RT: 25.440 min Scan# 6832
Delta R.T. -0.020 min
Lab File: BM031716.D
Acq: 13 Aug 2021 15:50



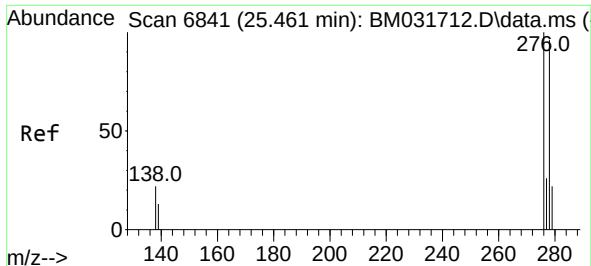
Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.4	15.8	23.8
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampled :
C00E1

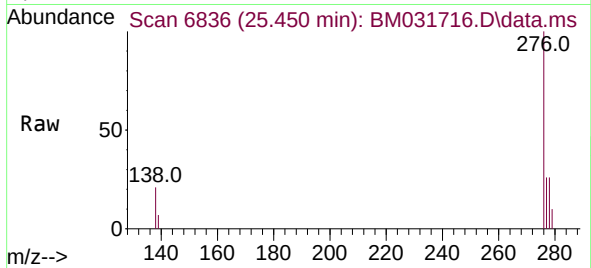
Manual Integrations
APPROVED

mohammad
8/16/2021 8:39:59 AM



#28
Dibenzo(a,h)anthracene
Concen: 0.459 ng/ul
RT: 25.450 min Scan# 6836
Delta R.T. -0.023 min
Lab File: BM031716.D
Acq: 13 Aug 2021 15:50

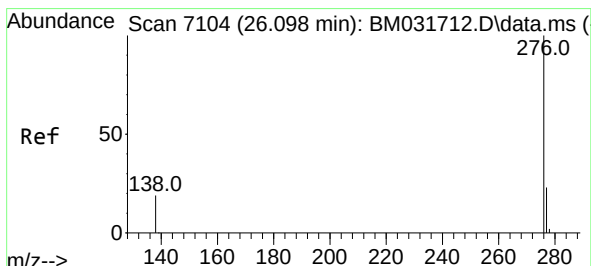
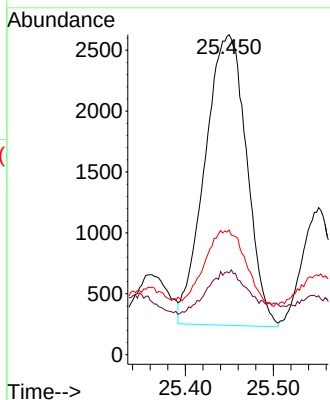
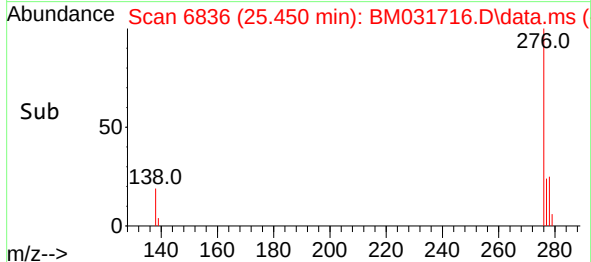
Instrument :
BNA_M
ClientSampled :
C00E1



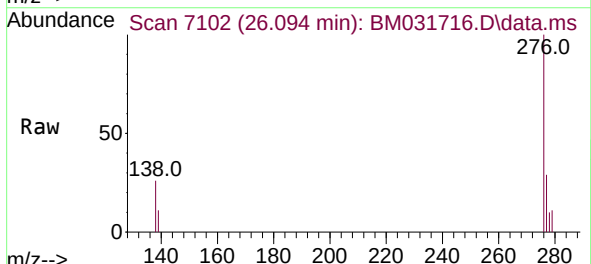
Tgt Ion:278 Resp: 7850
Ion Ratio Lower Upper
278 100
139 25.6 13.3 19.9#
279 39.0 22.8 34.2#

Manual Integrations
APPROVED

mohammad
8/16/2021 8:39:59 AM



#29
Benzo(g,h,i)perylene
Concen: 0.462 ng/ul
RT: 26.094 min Scan# 7102
Delta R.T. -0.013 min
Lab File: BM031716.D
Acq: 13 Aug 2021 15:50



Tgt Ion:276 Resp: 8375
Ion Ratio Lower Upper
276 100
138 25.8 15.4 23.2#
277 29.0 19.9 29.9

