

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
 Data File : BM031169.D
 Acq On : 26 Jul 2021 18:57
 Operator : CG/JU
 Sample : M2973-05DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEB3DL

Manual Integrations
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Quant Time: Jul 27 06:21:42 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 : Thu Jul 22 01:52:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	1201	0.400	ng/ul	0.00
4) Naphthalene-d8	10.397	136	4664	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.258	164	3213	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	7159	0.400	ng/ul	0.00
17) Chrysene-d12	21.190	240	9074	0.400	ng/ul	0.00
23) Perylene-d12	23.363	264	8886	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.220	96	499	0.396	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.989	152	183	0.022	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	526	0.019	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.446	128	2695	0.194	ng/ul	97
7) 2-Methylnaphthalene	12.065	142	491	0.049	ng/ul	99
8) 1-Methylnaphthalene	12.286	142	237	0.024	ng/ul	98
10) Acenaphthylene	13.981	152	4161	0.317	ng/ul	98
11) Acenaphthene	14.322	153	17238	1.484	ng/ul	98
12) Fluorene	15.312	166	17606	1.288	ng/ul	99
15) Phenanthrene	17.048	178	176536	7.764	ng/ul	98
16) Anthracene	17.138	178	68331	3.208	ng/ul	96
19) Fluoranthene	19.066	202	246934	6.760	ng/ul	99
20) Pyrene	19.428	202	111645	2.994	ng/ul	98
21) Benzo(a)anthracene	21.176	228	136110	3.756	ng/ul	97
22) Chrysene	21.227	228	108383	2.763	ng/ul	98
24) Benzo(b)fluoranthene	22.718	252	127031m	3.041	ng/ul	
25) Benzo(k)fluoranthene	22.754	252	52806m	1.246	ng/ul	
26) Benzo(a)pyrene	23.266	252	28817	0.798	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.514	276	22908	0.484	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.526	278	13831	0.364	ng/ul	95

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

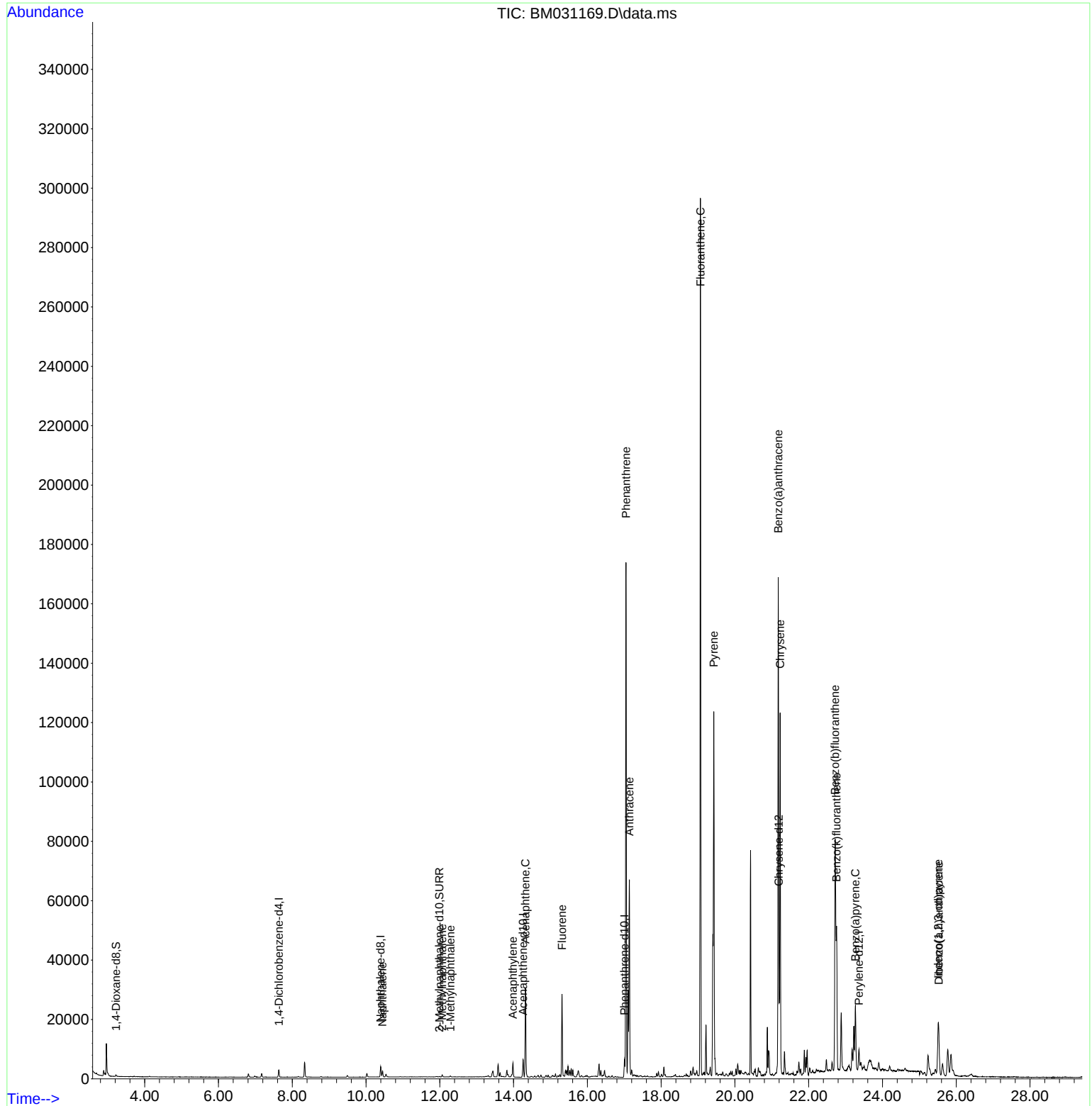
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
Data File : BM031169.D
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ALS Vial : 15 Sample Multiplier: 1

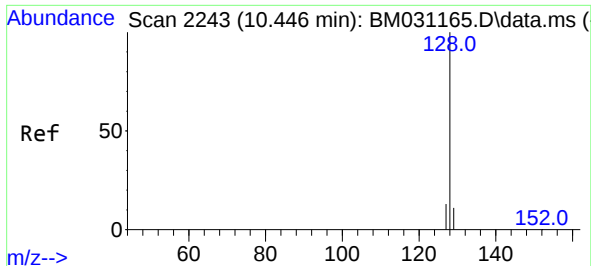
Instrument :
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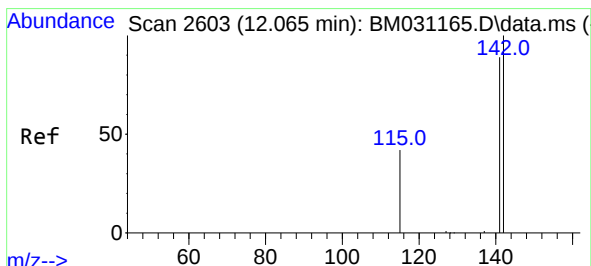
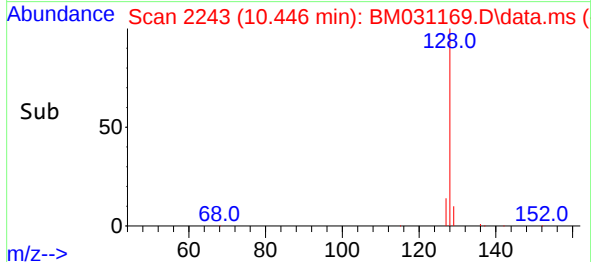
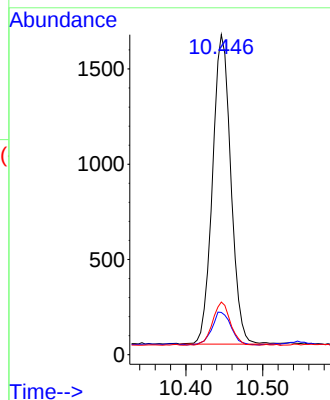
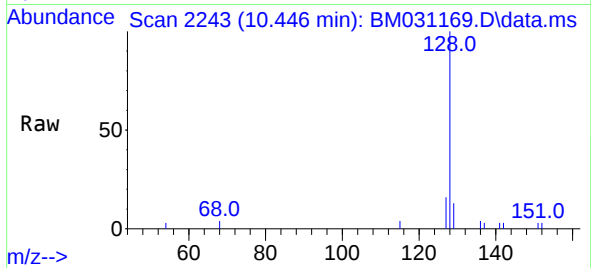
#5
Naphthalene
Concen: 0.194 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. -0.009 min
Lab File: BM031169.D
Acq: 26 Jul 2021 18:57

Tgt Ion:	128	Resp:	2695
Ion Ratio	Lower	Upper	
128	100		
129	13.2	10.2	15.4
127	16.5	11.8	17.8

Instrument :
BNA_M
ClientSampleId :
BGE3DL

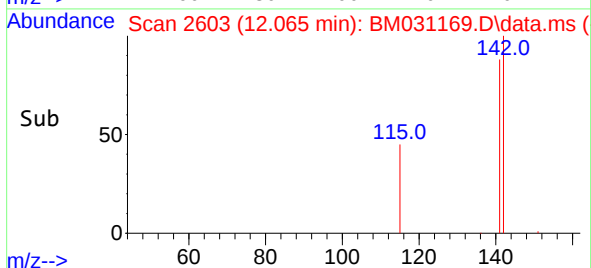
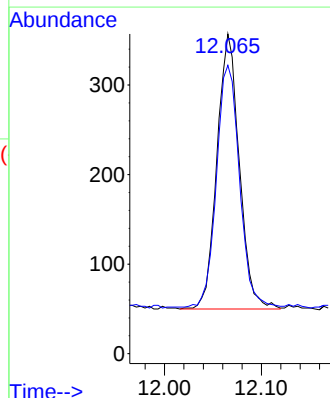
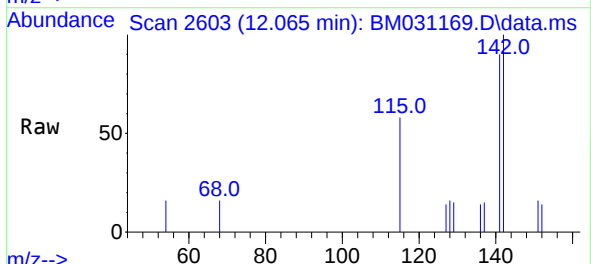
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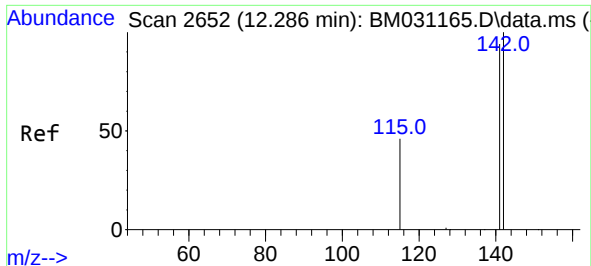
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#7
2-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 12.065 min Scan# 2603
Delta R.T. -0.005 min
Lab File: BM031169.D
Acq: 26 Jul 2021 18:57

Tgt Ion:	142	Resp:	491
Ion Ratio	Lower	Upper	
142	100		
141	90.4	71.5	107.3





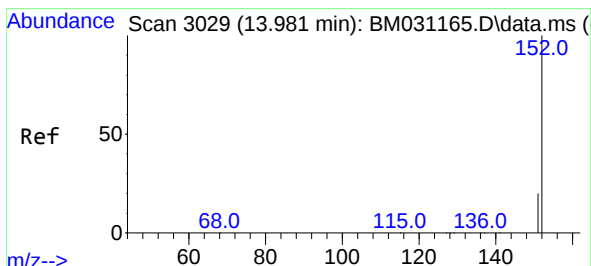
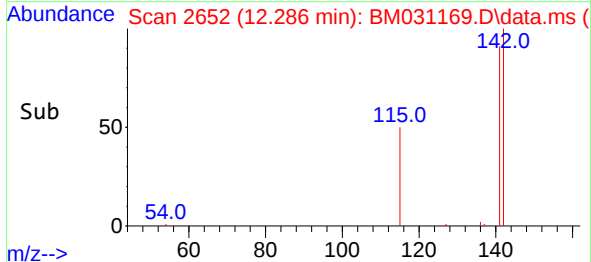
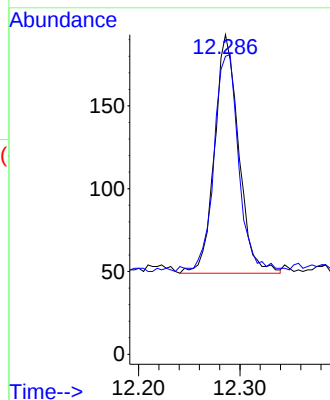
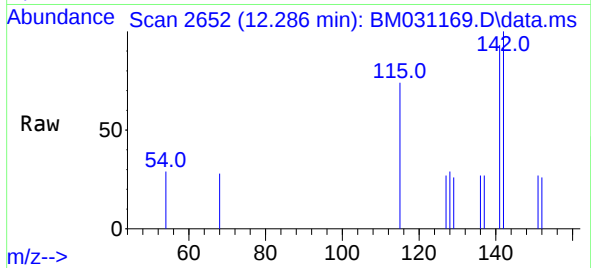
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1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.286 min Scan# 2652
Delta R.T. -0.005 min
Lab File: BM031169.D
Acq: 26 Jul 2021 18:57

Tgt Ion:142 Resp: 237
Ion Ratio Lower Upper
142 100
141 94.5 74.2 111.4

Instrument :
BNA_M
ClientSampled :
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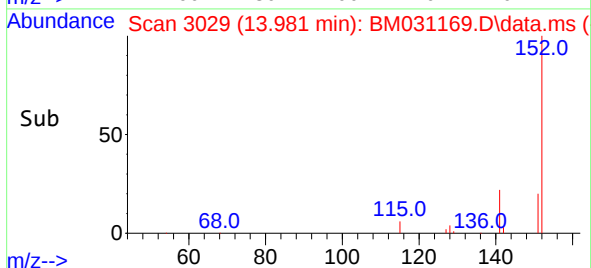
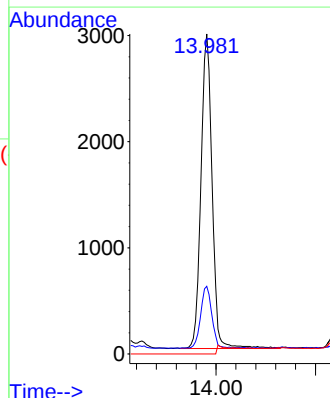
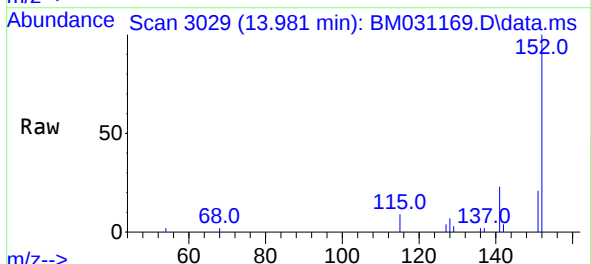
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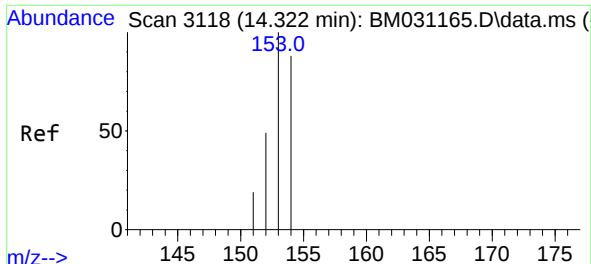
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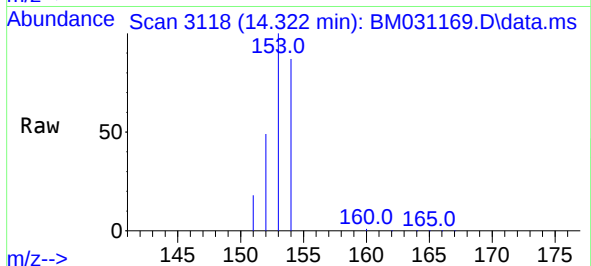
#10
Acenaphthylene
Concen: 0.317 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. -0.005 min
Lab File: BM031169.D
Acq: 26 Jul 2021 18:57

Tgt Ion:152 Resp: 4161
Ion Ratio Lower Upper
152 100
151 21.2 17.5 26.3
153 0.0 0.0 0.0

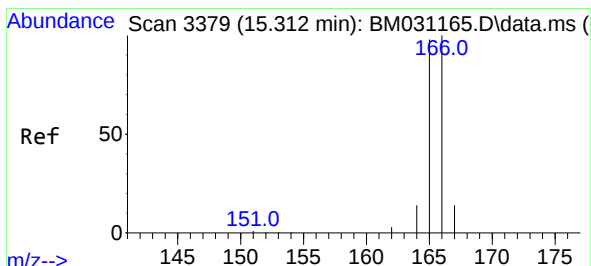
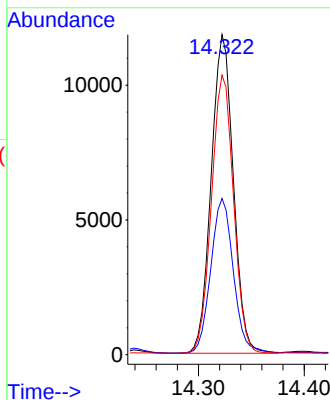
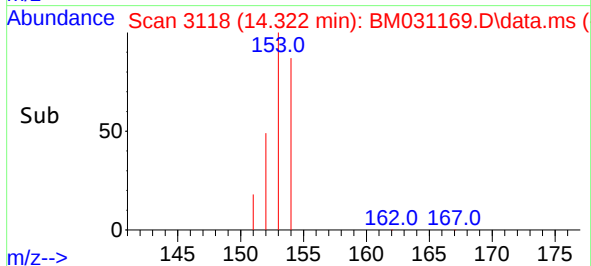




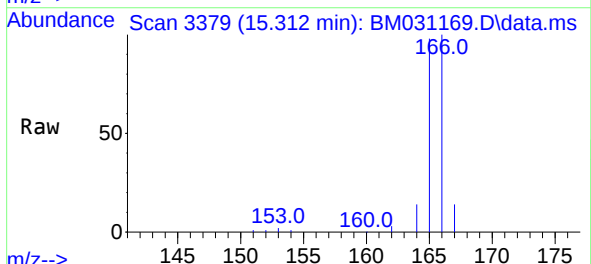
#11
Acenaphthene
Concen: 1.484 ng/ul
RT: 14.322 min Scan# 3118
Delta R.T. -0.008 min
Lab File: BM031169.D
Acq: 26 Jul 2021 18:57



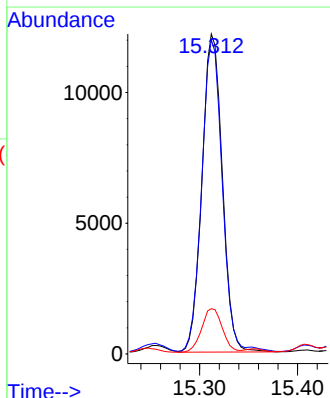
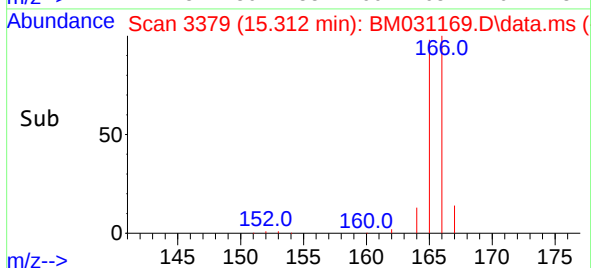
Tgt Ion:153 Resp: 17238
Ion Ratio Lower Upper
153 100
152 48.8 39.4 59.2
154 87.4 68.2 102.4



#12
Fluorene
Concen: 1.288 ng/ul
RT: 15.312 min Scan# 3379
Delta R.T. -0.008 min
Lab File: BM031169.D
Acq: 26 Jul 2021 18:57



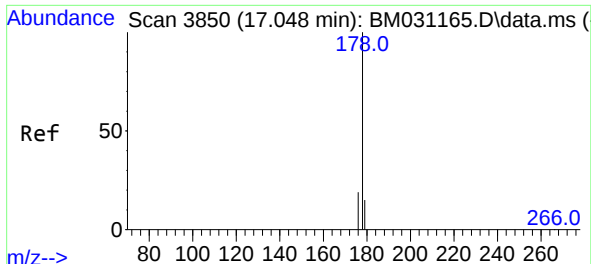
Tgt Ion:166 Resp: 17606
Ion Ratio Lower Upper
166 100
165 98.1 78.2 117.2
167 14.2 12.3 18.5



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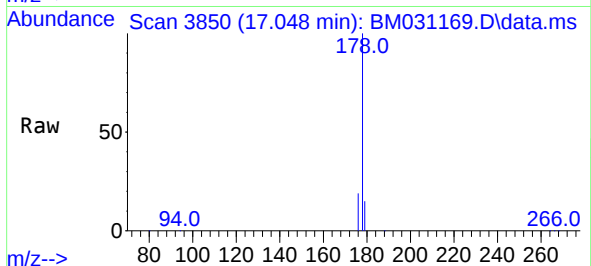
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#15
Phenanthrene
Concen: 7.764 ng/ul
RT: 17.048 min Scan# 3850
Delta R.T. -0.007 min
Lab File: BM031169.D
Acq: 26 Jul 2021 18:57

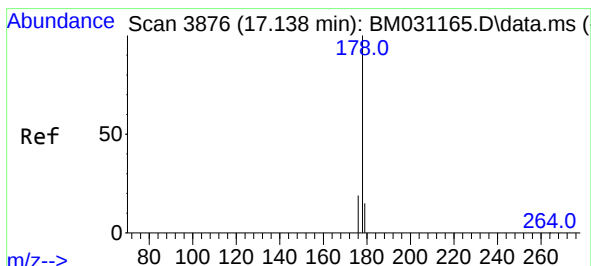
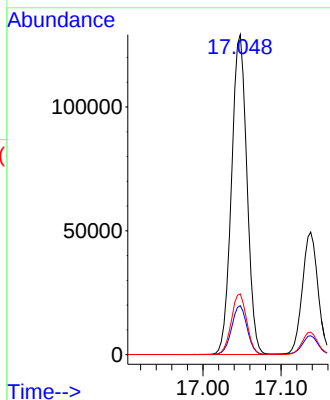
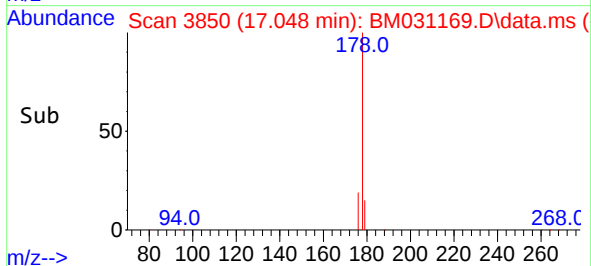
Instrument :
BNA_M
ClientSampled :
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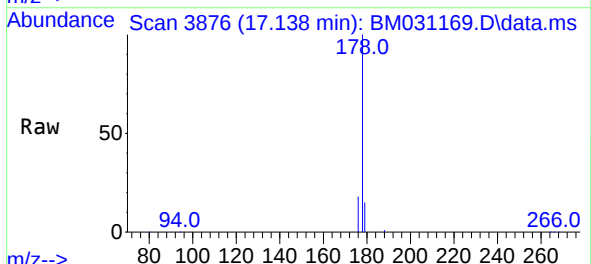
Tgt Ion:178 Resp: 176536
Ion Ratio Lower Upper
178 100
179 15.3 13.3 19.9
176 19.0 15.4 23.2

Manual Integrations
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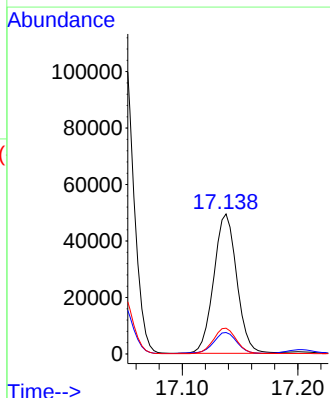
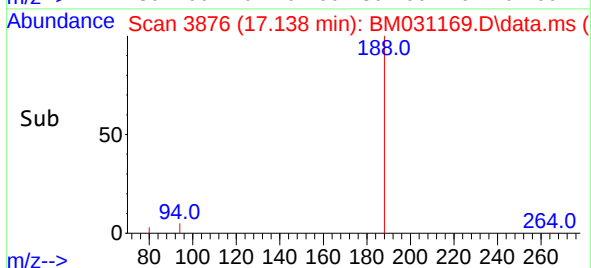
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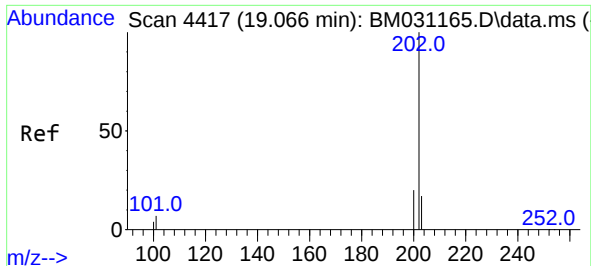


#16
Anthracene
Concen: 3.208 ng/ul
RT: 17.138 min Scan# 3876
Delta R.T. -0.007 min
Lab File: BM031169.D
Acq: 26 Jul 2021 18:57

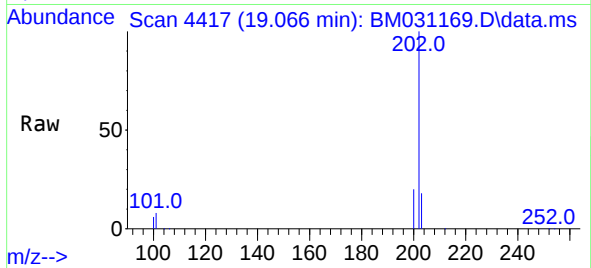


Tgt Ion:178 Resp: 68331
Ion Ratio Lower Upper
178 100
179 15.4 13.8 20.8
176 18.4 15.7 23.5

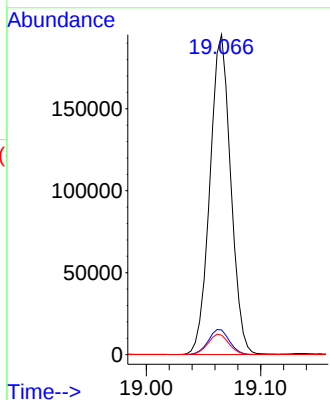




#19
Fluoranthene
Concen: 6.760 ng/u1
RT: 19.066 min Scan# 4417
Delta R.T. -0.008 min
Lab File: BM031169.D
Acq: 26 Jul 2021 18:57



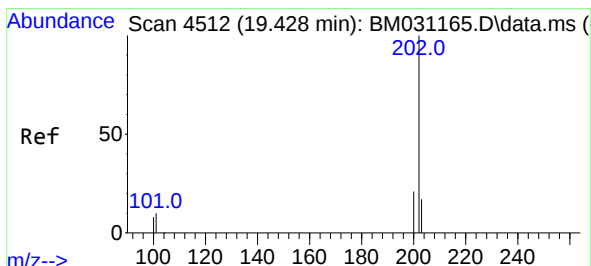
Tgt Ion:202 Resp: 246934
Ion Ratio Lower Upper
202 100
101 7.8 6.0 9.0
100 6.1 4.8 7.2



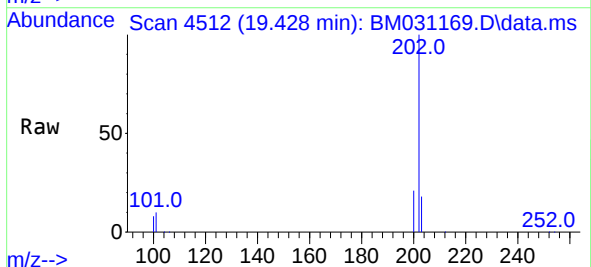
Instrument :
BNA_M
ClientSampled :
BGEB3DL

Manual Integrations
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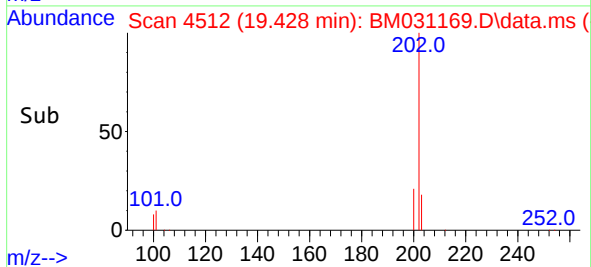
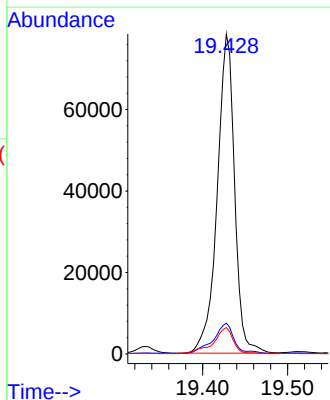
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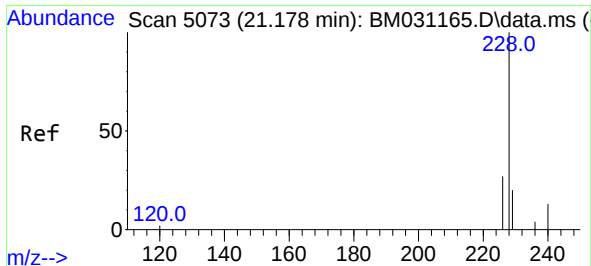


#20
Pyrene
Concen: 2.994 ng/u1
RT: 19.428 min Scan# 4512
Delta R.T. -0.008 min
Lab File: BM031169.D
Acq: 26 Jul 2021 18:57



Tgt Ion:202 Resp: 111645
Ion Ratio Lower Upper
202 100
101 9.6 7.4 11.0
100 8.2 6.0 9.0





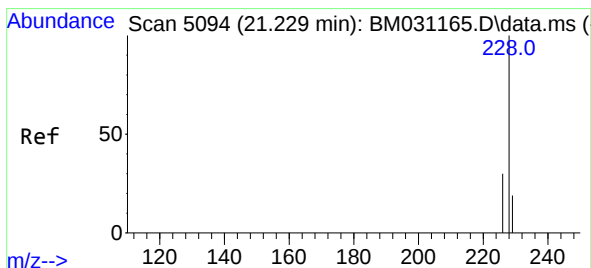
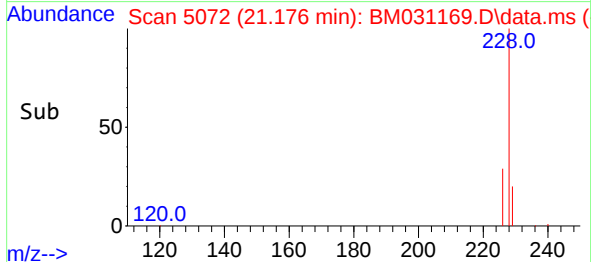
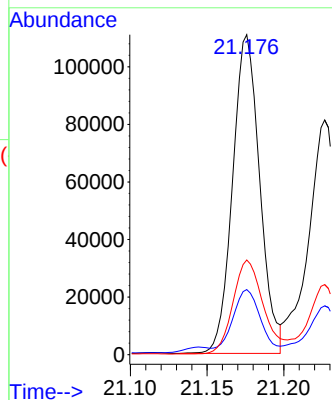
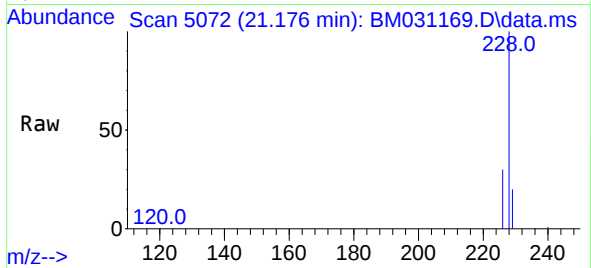
#21
Benzo(a)anthracene
Concen: 3.756 ng/u1
RT: 21.176 min Scan# 5072
Delta R.T. -0.007 min
Lab File: BM031169.D
Acq: 26 Jul 2021 18:57

Tgt Ion:228 Resp: 136110
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 29.6 21.4 32.2

Instrument :
BNA_M
ClientSampled :
BGE3DL

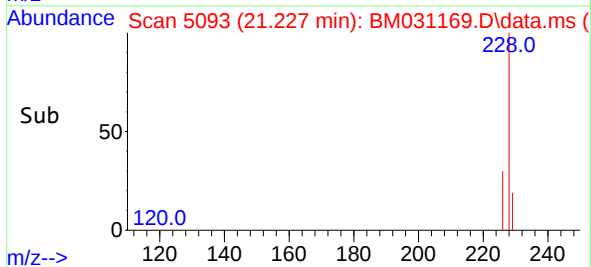
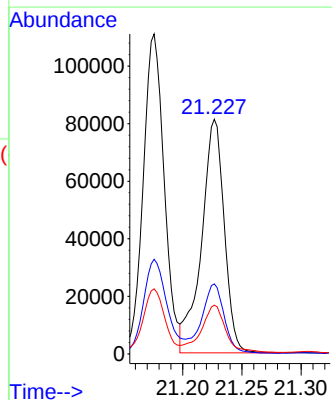
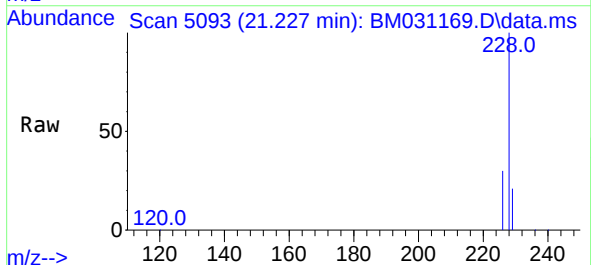
Manual Integrations
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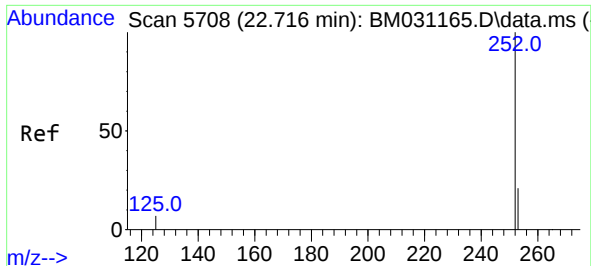
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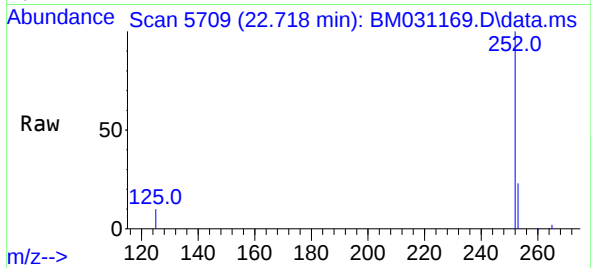
#22
Chrysene
Concen: 2.763 ng/u1
RT: 21.227 min Scan# 5093
Delta R.T. -0.007 min
Lab File: BM031169.D
Acq: 26 Jul 2021 18:57

Tgt Ion:228 Resp: 108383
Ion Ratio Lower Upper
228 100
226 29.8 24.5 36.7
229 20.8 15.8 23.8

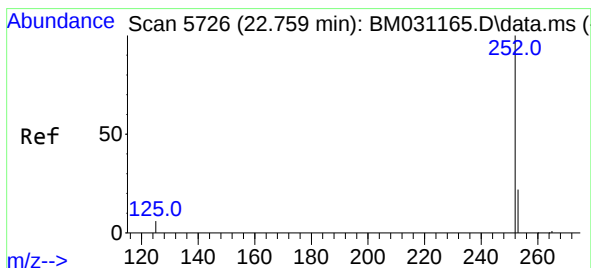
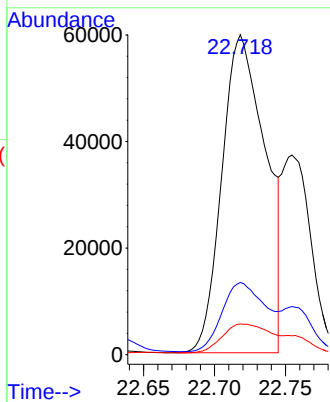
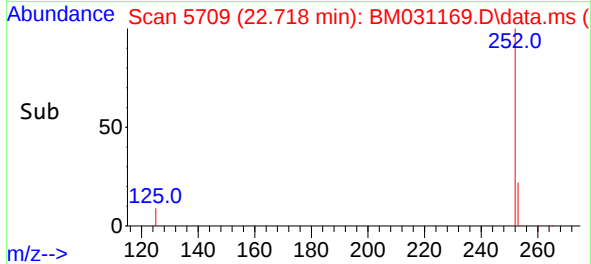




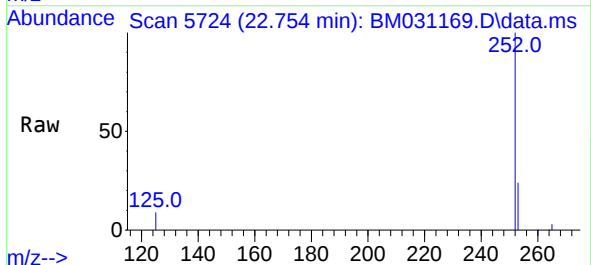
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Benzo(b)fluoranthene
Concen: 3.041 ng/ul m
RT: 22.718 min Scan# 5709
Delta R.T. -0.007 min
Lab File: BM031169.D
Acq: 26 Jul 2021 18:57



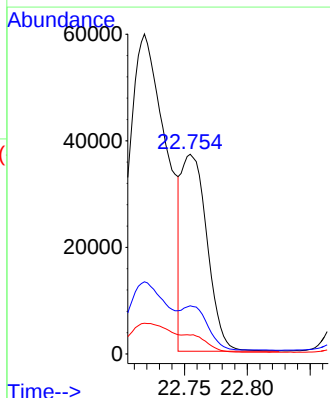
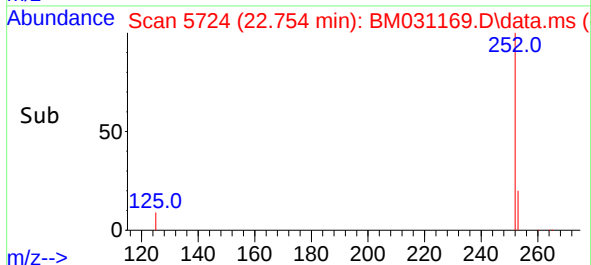
Tgt Ion:252 Resp: 127031
Ion Ratio Lower Upper
252 100
253 22.6 0.0 52.8
125 9.6 0.0 20.2



#25
Benzo(k)fluoranthene
Concen: 1.246 ng/ul m
RT: 22.754 min Scan# 5724
Delta R.T. -0.015 min
Lab File: BM031169.D
Acq: 26 Jul 2021 18:57



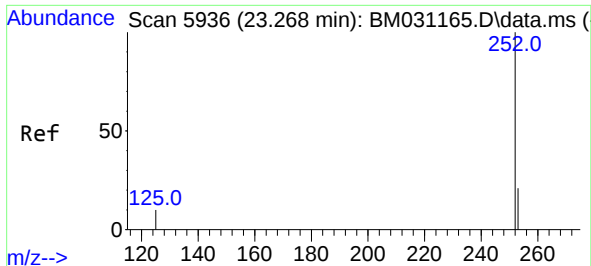
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Ion Ratio Lower Upper
252 100
253 24.1 21.6 32.4
125 9.5 8.6 13.0



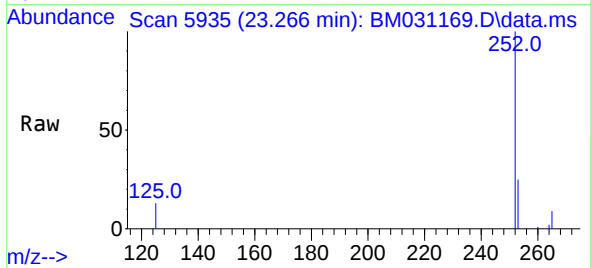
Instrument :
BNA_M
ClientSampleId :
BGE3DL

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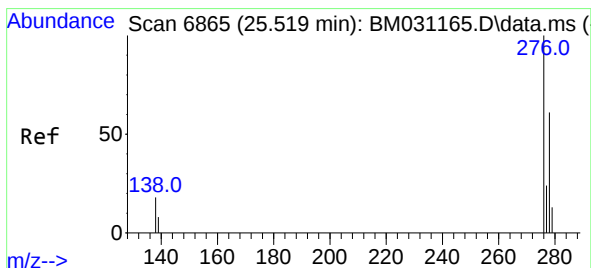
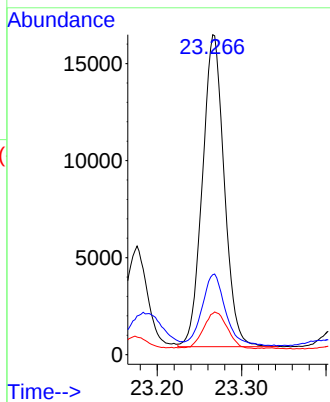
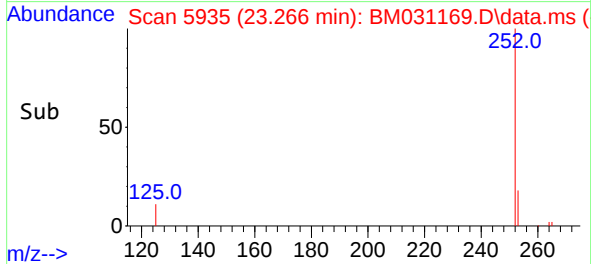
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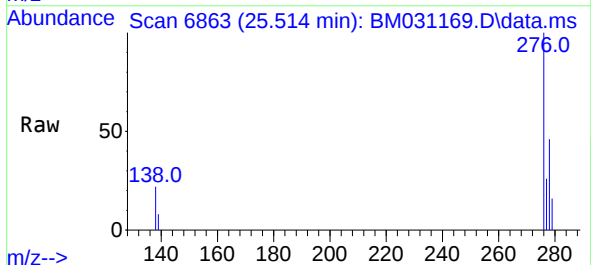
#26
Benzo(a)pyrene
Concen: 0.798 ng/ul
RT: 23.266 min Scan# 5935
Delta R.T. -0.015 min
Lab File: BM031169.D
Acq: 26 Jul 2021 18:57



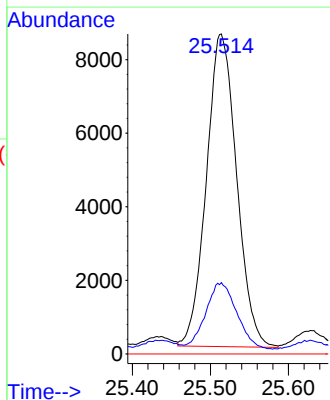
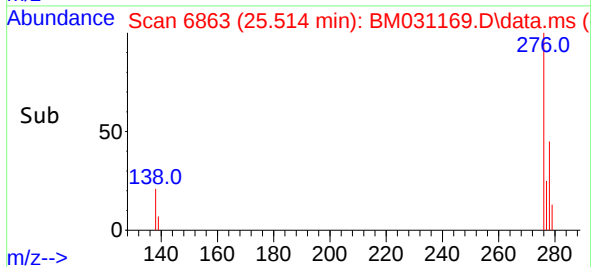
Tgt Ion:252 Resp: 28817
Ion Ratio Lower Upper
252 100
253 25.0 23.1 34.7
125 12.9 10.7 16.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.484 ng/ul
RT: 25.514 min Scan# 6863
Delta R.T. -0.019 min
Lab File: BM031169.D
Acq: 26 Jul 2021 18:57



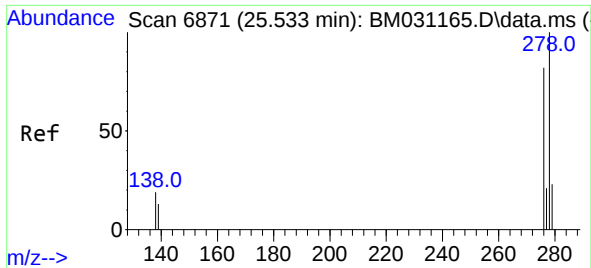
Tgt Ion:276 Resp: 22908
Ion Ratio Lower Upper
276 100
138 21.9 15.4 23.0
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampleId :
BGE3DL

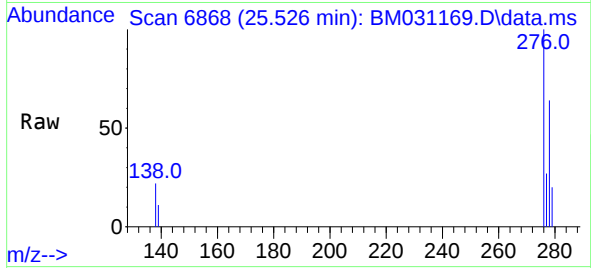
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#28
 Dibenzo(a,h)anthracene
 Concen: 0.364 ng/ul
 RT: 25.526 min Scan# 6868
 Delta R.T. -0.027 min
 Lab File: BM031169.D
 Acq: 26 Jul 2021 18:57

Instrument :
 BNA_M
 ClientSampleId :
 BGEB3DL



Tgt Ion:278 Resp: 13831
 Ion Ratio Lower Upper
 278 100
 139 17.1 12.6 18.8
 279 31.5 22.6 34.0

Manual Integrations
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