

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062421\
 Data File : BM030572.D
 Acq On : 24 Jun 2021 13:09
 Operator : CG/JU
 Sample : M2662-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDB3

Manual Integrations
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Quant Time: Jun 24 14:11:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 12:48:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.801	152	3622	0.400	ng/ul	0.00
4) Naphthalene-d8	10.586	136	14148	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.425	164	8410	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	16763	0.400	ng/ul	0.00
17) Chrysene-d12	21.328	240	14963	0.400	ng/ul	0.00
23) Perylene-d12	23.586	264	13546	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	8400	2.168	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.178	152	3398	0.150	ng/ul	0.00
18) Fluoranthene-d10	19.184	212	8831	0.193	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.635	128	4189	0.100	ng/ul#	95
7) 2-Methylnaphthalene	12.254	142	643	0.023	ng/ul	99
10) Acenaphthylene	14.148	152	4774	0.121	ng/ul	97
11) Acenaphthene	14.489	153	1642	0.051	ng/ul	98
12) Fluorene	15.471	166	3928	0.111	ng/ul#	97
15) Phenanthrene	17.204	178	62130	1.041	ng/ul	100
16) Anthracene	17.294	178	38149	0.730	ng/ul	100
19) Fluoranthene	19.214	202	186904	2.717	ng/ul	98
20) Pyrene	19.577	202	130945	1.858	ng/ul	99
21) Benzo(a)anthracene	21.311	228	95864	1.613	ng/ul	98
22) Chrysene	21.365	228	79741	1.208	ng/ul	98
24) Benzo(b)fluoranthene	22.907	252	80043m	1.358	ng/ul	
25) Benzo(k)fluoranthene	22.946	252	35500m	0.574	ng/ul	
26) Benzo(a)pyrene	23.486	252	37359	0.714	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.868	276	20240	0.304	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.873	278	7447	0.140	ng/ul#	76
29) Benzo(g,h,i)perylene	26.566	276	1361	0.024	ng/ul#	39

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

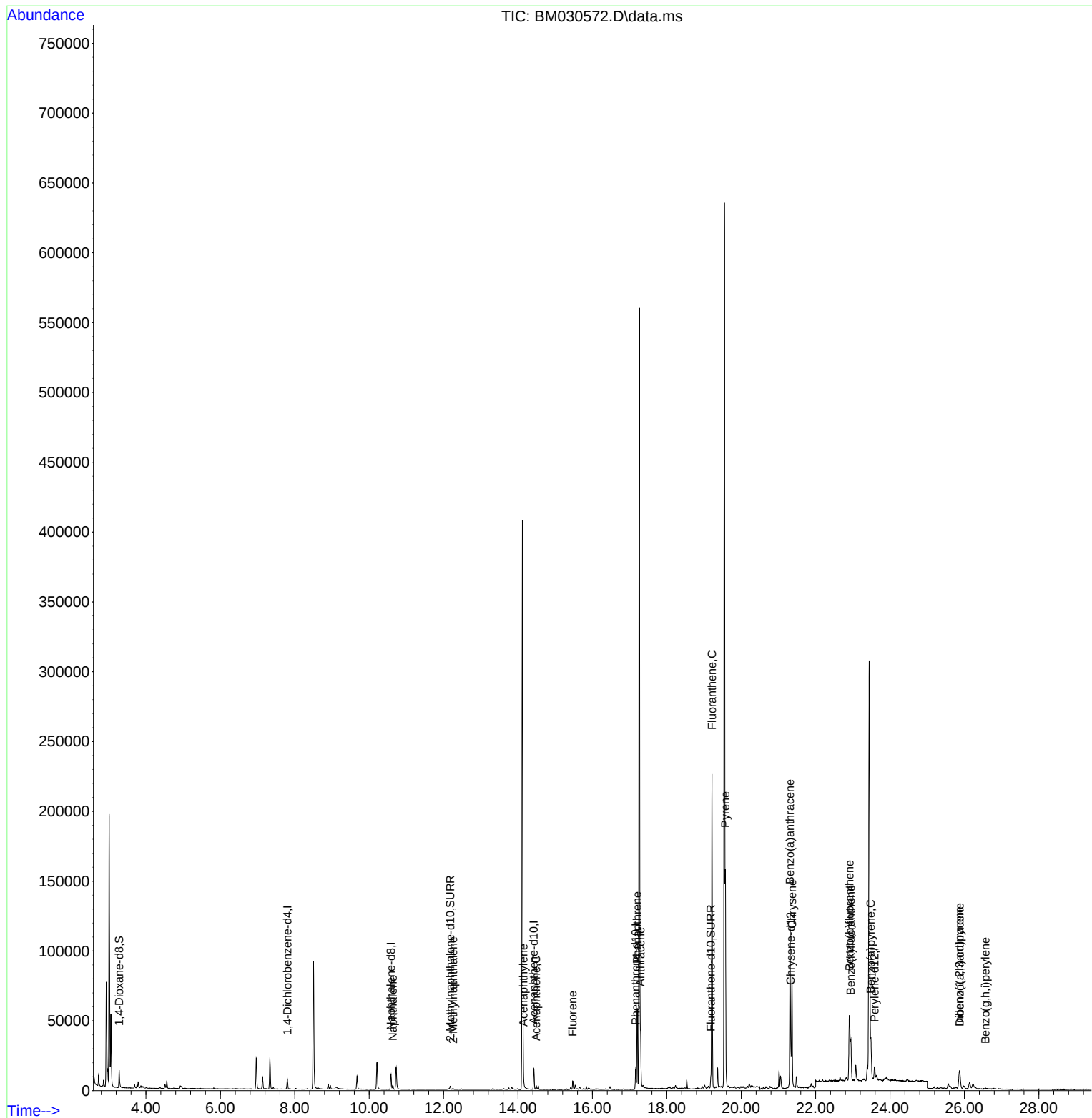
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062421\
Data File : BM030572.D
Acq On : 24 Jun 2021 13:09
Operator : CG/JU
Sample : M2662-09
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ALS Vial : 8 Sample Multiplier: 1

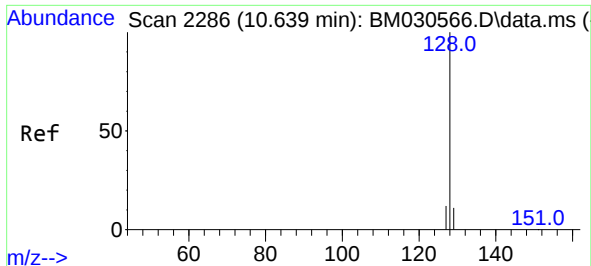
Instrument :
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ClientSampleId :
BGDB3

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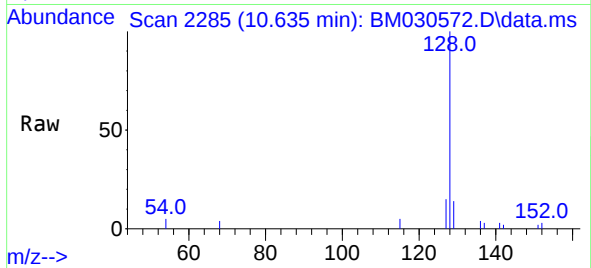
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QLast Update : Thu Jun 24 12:48:41 2021
Response via : Initial Calibration

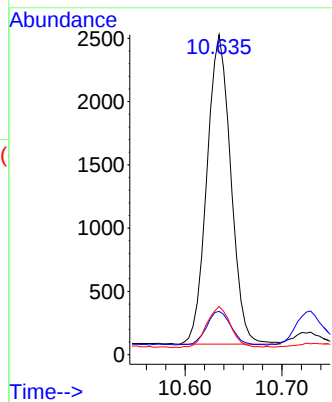
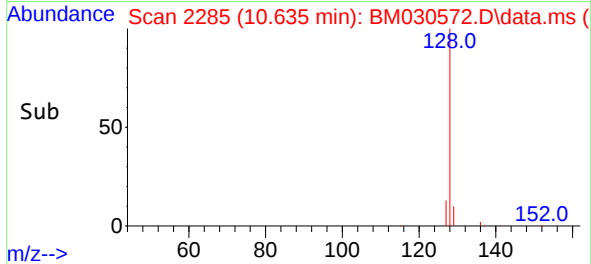




#5
Naphthalene
Concen: 0.100 ng/ul
RT: 10.635 min Scan# 2285
Delta R.T. -0.004 min
Lab File: BM030572.D
Acq: 24 Jun 2021 13:09



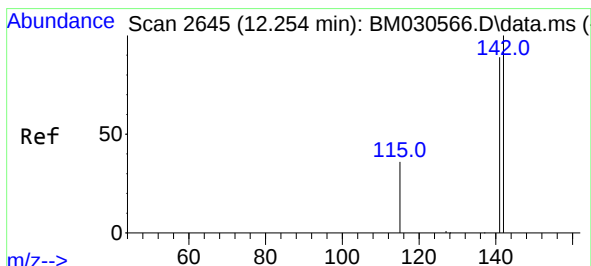
Tgt Ion:128 Resp: 4189
Ion Ratio Lower Upper
128 100
129 13.6 9.0 13.6#
127 15.0 10.9 16.3



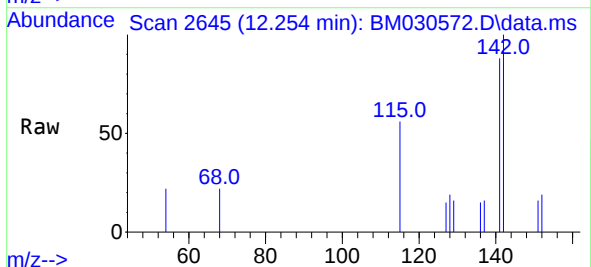
Instrument :
BNA_M
ClientSampled :
BGDB3

Manual Integrations
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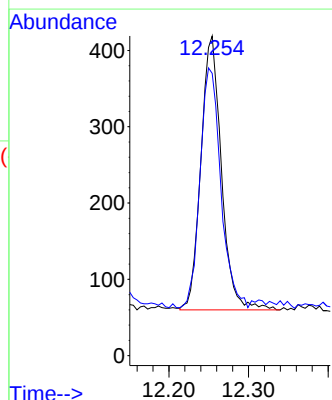
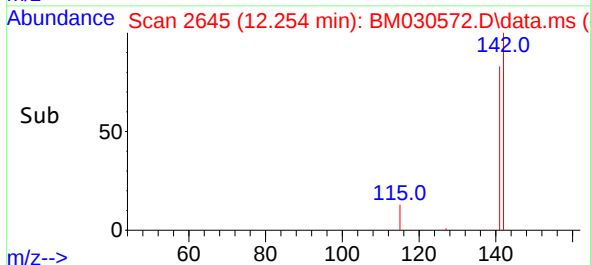
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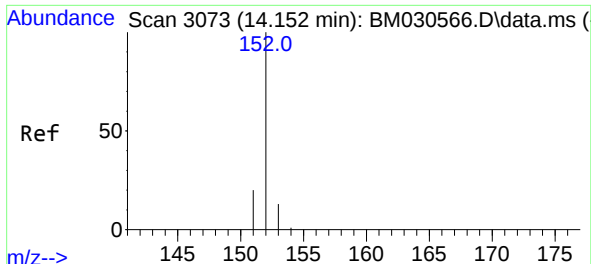


#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.254 min Scan# 2645
Delta R.T. 0.000 min
Lab File: BM030572.D
Acq: 24 Jun 2021 13:09



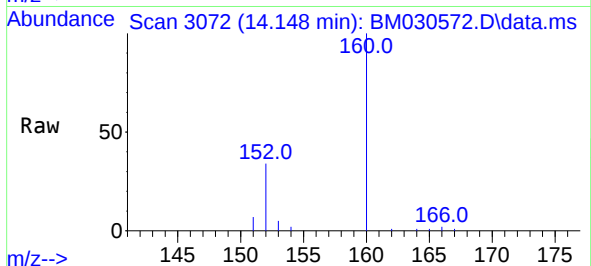
Tgt Ion:142 Resp: 643
Ion Ratio Lower Upper
142 100
141 88.3 71.4 107.0





#10
Acenaphthylene
Concen: 0.121 ng/ul
RT: 14.148 min Scan# 3072
Delta R.T. -0.004 min
Lab File: BM030572.D
Acq: 24 Jun 2021 13:09

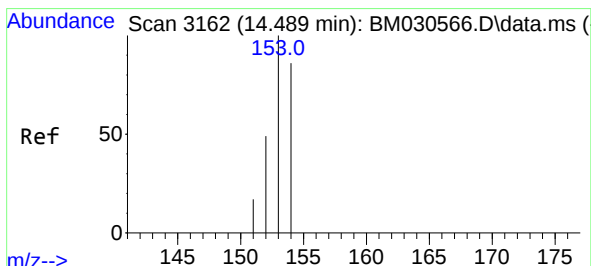
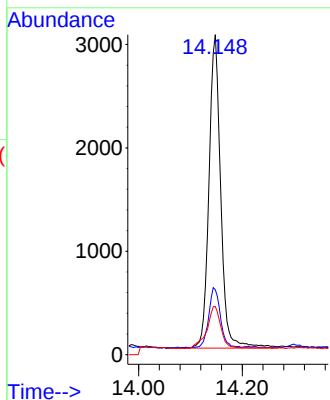
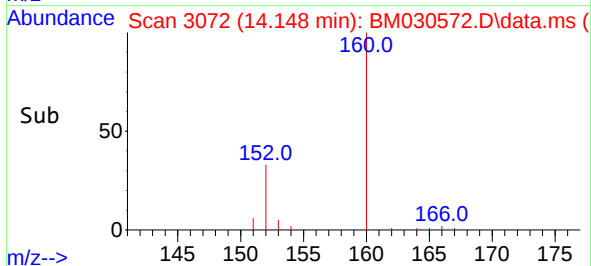
Instrument :
BNA_M
ClientSampled :
BGDB3



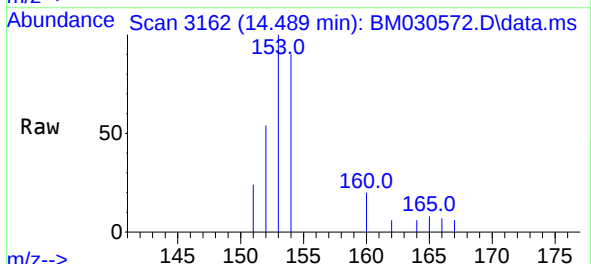
Tgt Ion:	152	Resp:	4774
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.5	23.3
153	15.1	10.7	16.1

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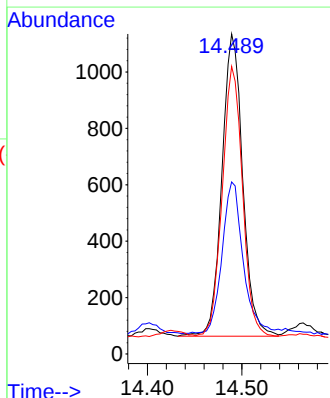
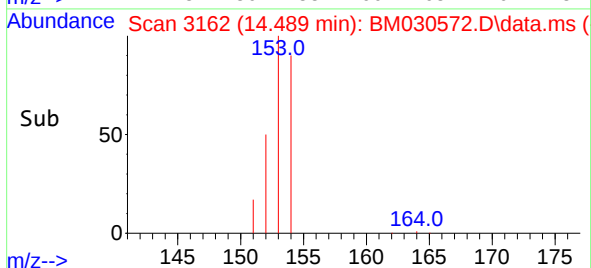
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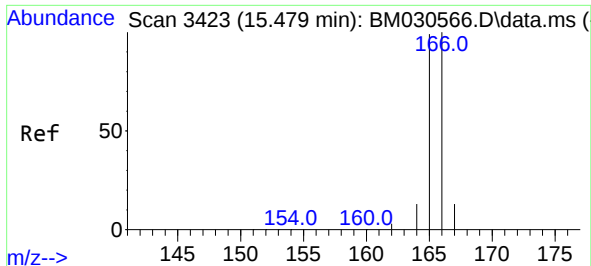


#11
Acenaphthene
Concen: 0.051 ng/ul
RT: 14.489 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BM030572.D
Acq: 24 Jun 2021 13:09



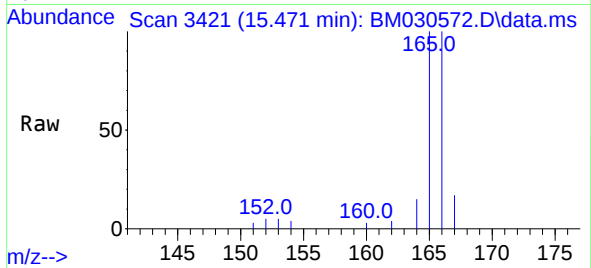
Tgt Ion:	153	Resp:	1642
Ion Ratio	Lower	Upper	
153	100		
152	53.7	40.2	60.2
154	89.9	71.2	106.8





#12
Fluorene
Concen: 0.111 ng/ul
RT: 15.471 min Scan# 3421
Delta R.T. -0.007 min
Lab File: BM030572.D
Acq: 24 Jun 2021 13:09

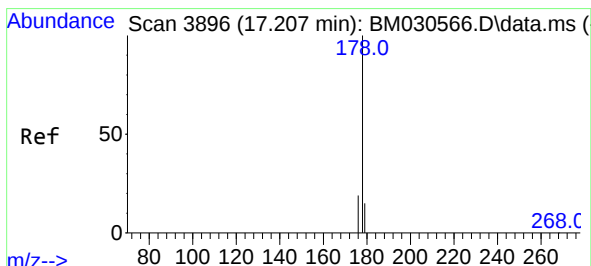
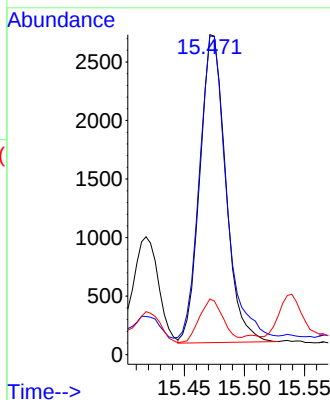
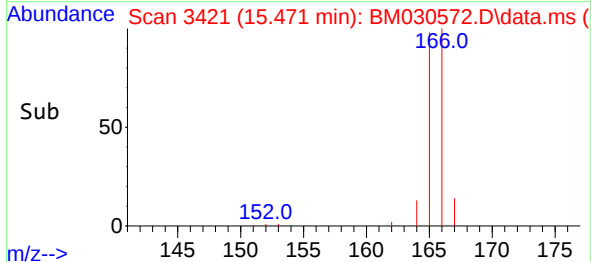
Instrument :
BNA_M
ClientSampled :
BGDB3



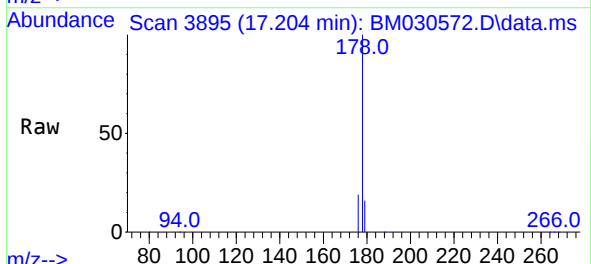
Tgt Ion:166 Resp: 3928
Ion Ratio Lower Upper
166 100
165 99.6 77.7 116.5
167 17.4 11.3 16.9#

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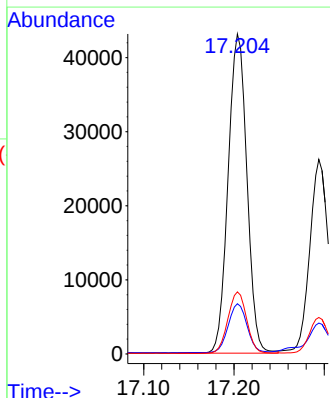
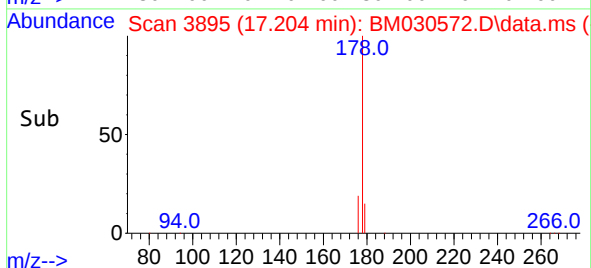
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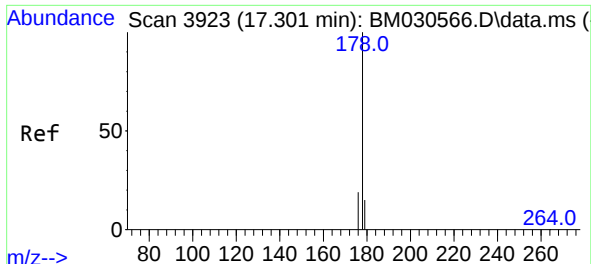


#15
Phenanthrene
Concen: 1.041 ng/ul
RT: 17.204 min Scan# 3895
Delta R.T. -0.003 min
Lab File: BM030572.D
Acq: 24 Jun 2021 13:09



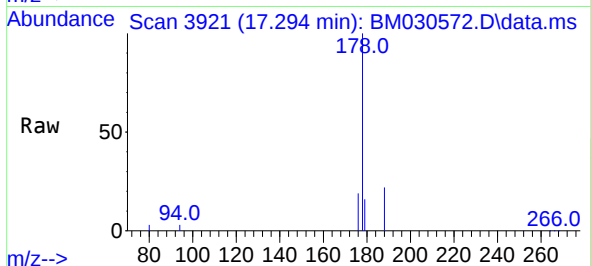
Tgt Ion:178 Resp: 62130
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.4 15.5 23.3





#16
 Anthracene
 Concen: 0.730 ng/ul
 RT: 17.294 min Scan# 3921
 Delta R.T. -0.007 min
 Lab File: BM030572.D
 Acq: 24 Jun 2021 13:09

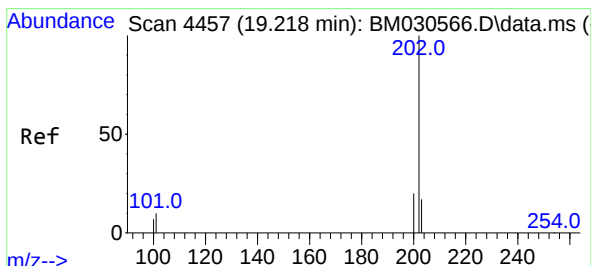
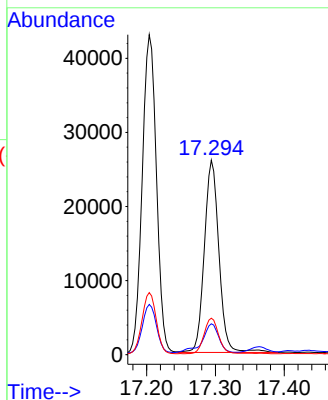
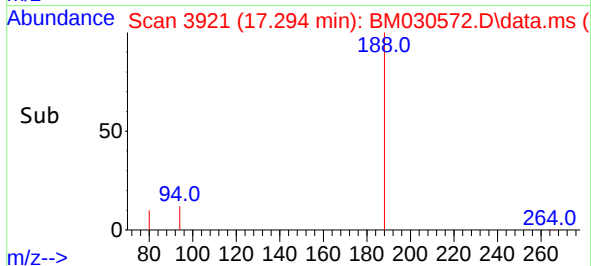
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 BNA_M
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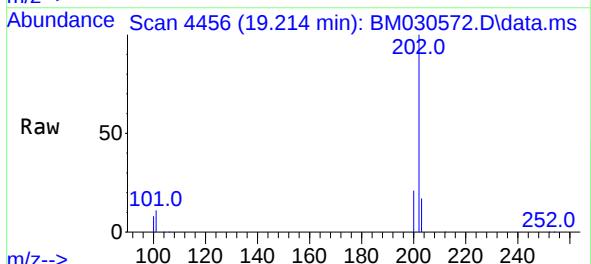
Tgt Ion:178 Resp: 38149
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.7 19.1
 176 18.7 15.2 22.8

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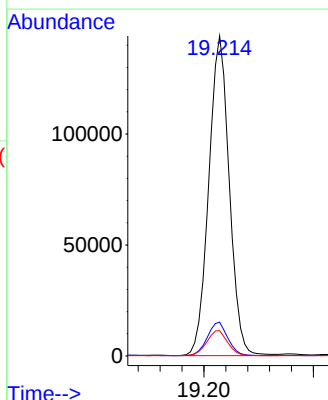
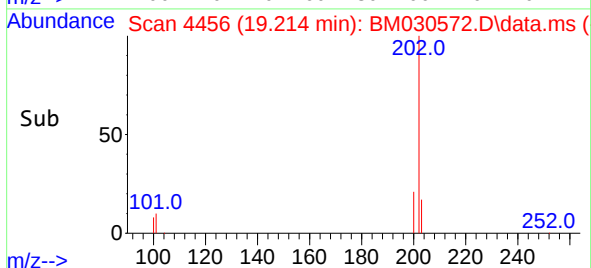
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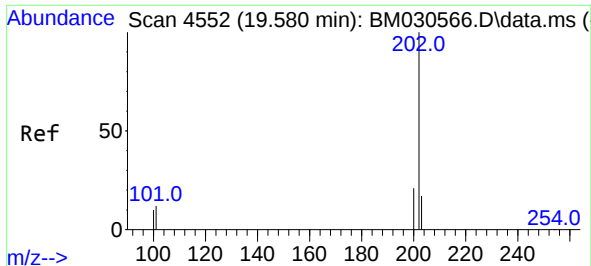


#19
 Fluoranthene
 Concen: 2.717 ng/ul
 RT: 19.214 min Scan# 4456
 Delta R.T. -0.004 min
 Lab File: BM030572.D
 Acq: 24 Jun 2021 13:09



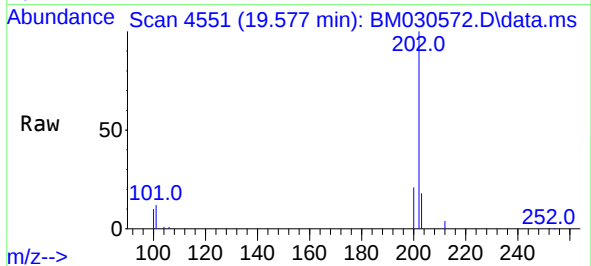
Tgt Ion:202 Resp: 186904
 Ion Ratio Lower Upper
 202 100
 101 10.6 8.8 13.2
 100 7.9 6.9 10.3





#20
Pyrene
Concen: 1.858 ng/ul
RT: 19.577 min Scan# 4551
Delta R.T. -0.004 min
Lab File: BM030572.D
Acq: 24 Jun 2021 13:09

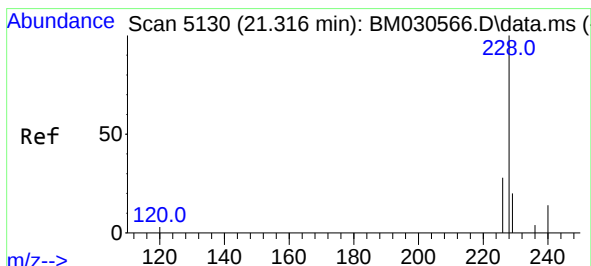
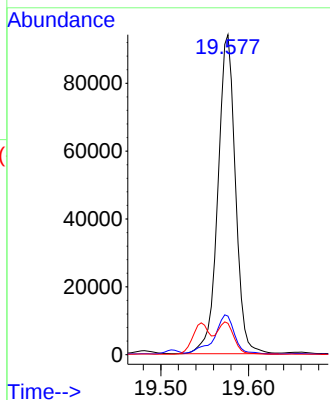
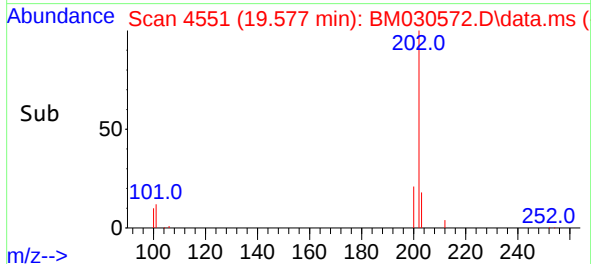
Instrument :
BNA_M
ClientSampled :
BGDB3



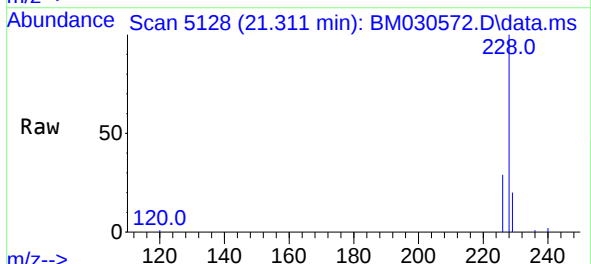
Tgt Ion:202 Resp: 130945
Ion Ratio Lower Upper
202 100
101 12.0 10.1 15.1
100 9.8 8.2 12.2

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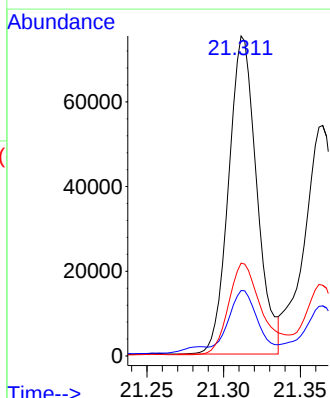
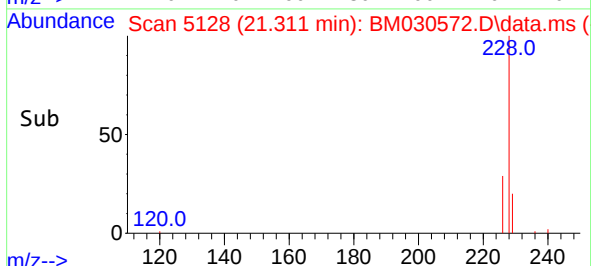
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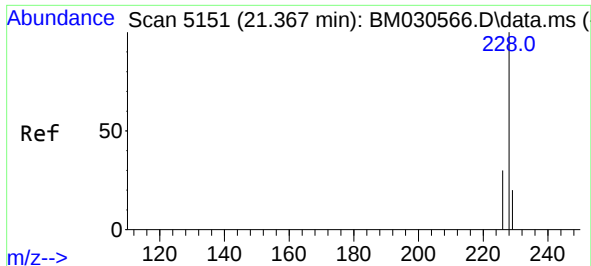


#21
Benzo(a)anthracene
Concen: 1.613 ng/ul
RT: 21.311 min Scan# 5128
Delta R.T. -0.005 min
Lab File: BM030572.D
Acq: 24 Jun 2021 13:09

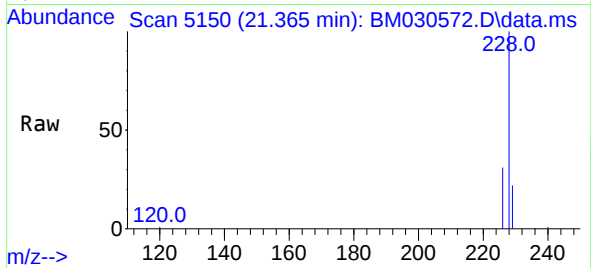


Tgt Ion:228 Resp: 95864
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 29.0 22.2 33.4

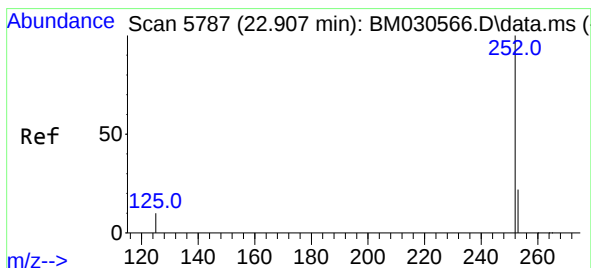
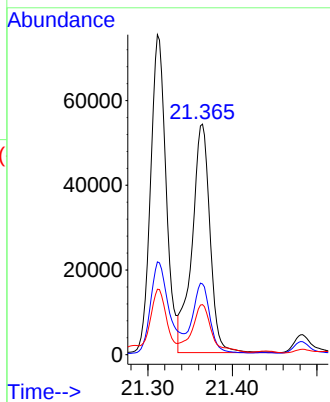
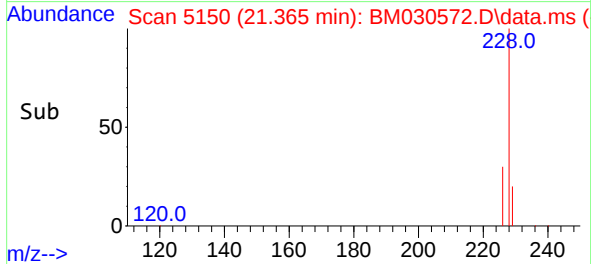




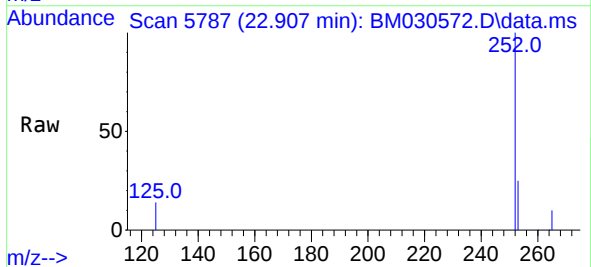
#22
Chrysene
Concen: 1.208 ng/ul
RT: 21.365 min Scan# 5150
Delta R.T. -0.002 min
Lab File: BM030572.D
Acq: 24 Jun 2021 13:09



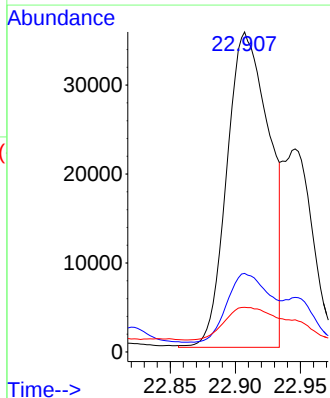
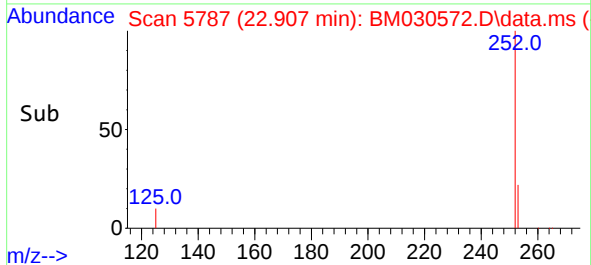
Tgt Ion:228 Resp: 79741
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 21.7 15.4 23.0



#24
Benzo(b)fluoranthene
Concen: 1.358 ng/ul m
RT: 22.907 min Scan# 5787
Delta R.T. 0.000 min
Lab File: BM030572.D
Acq: 24 Jun 2021 13:09



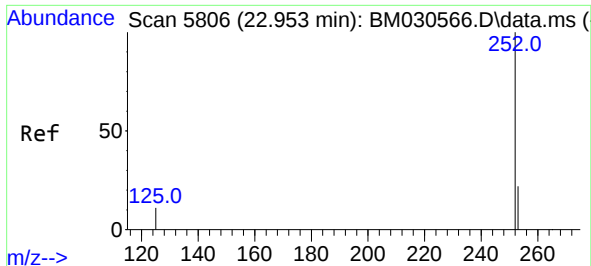
Tgt Ion:252 Resp: 80043
Ion Ratio Lower Upper
252 100
253 24.6 0.0 50.2
125 14.0 0.0 27.8



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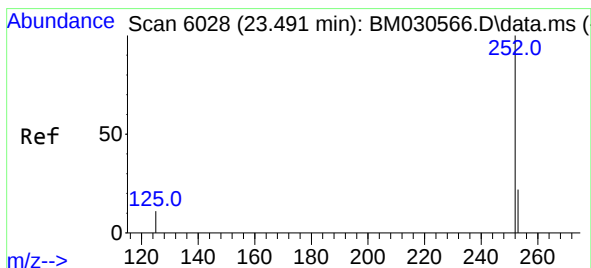
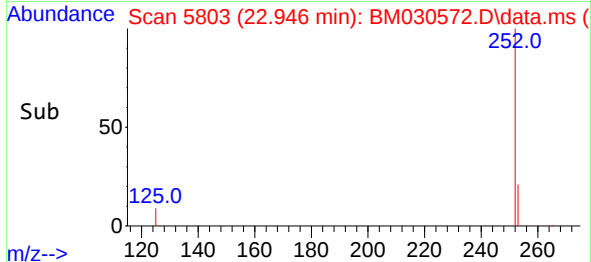
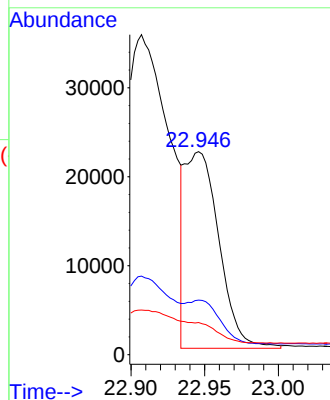
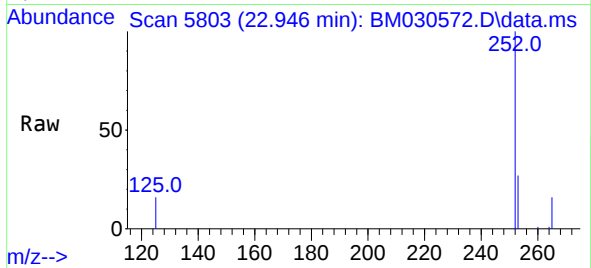
#25
Benzo(k)fluoranthene
Concen: 0.574 ng/ul m
RT: 22.946 min Scan# 5803
Delta R.T. -0.007 min
Lab File: BM030572.D
Acq: 24 Jun 2021 13:09

Tgt Ion:252	Resp:	35500
Ion Ratio	Lower	Upper
252	100	
253	26.9	20.6 31.0
125	15.9	11.0 16.4

Instrument :
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ClientSampleId :
BGDB3

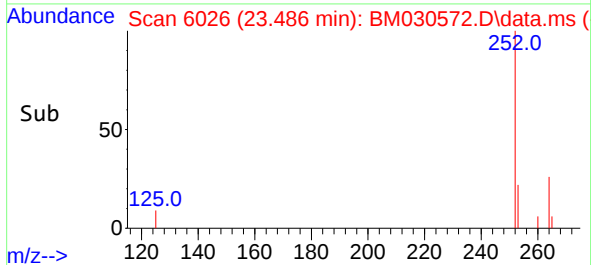
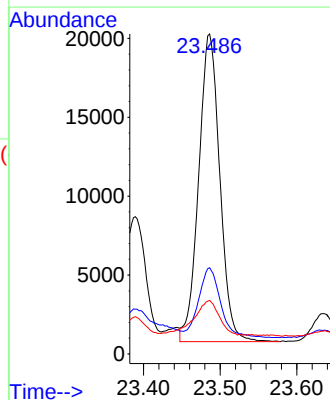
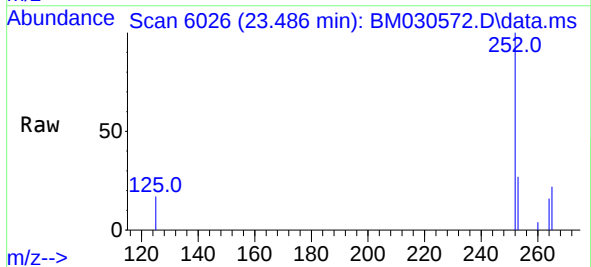
Manual Integrations
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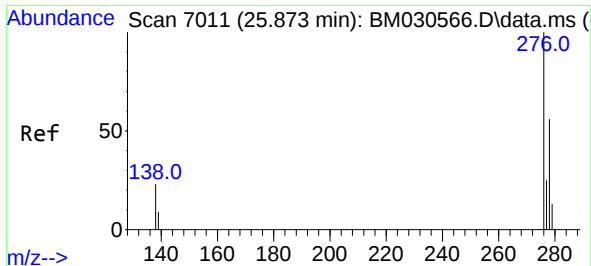
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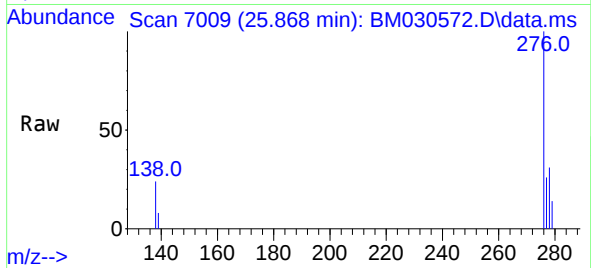
#26
Benzo(a)pyrene
Concen: 0.714 ng/ul
RT: 23.486 min Scan# 6026
Delta R.T. -0.005 min
Lab File: BM030572.D
Acq: 24 Jun 2021 13:09

Tgt Ion:252	Resp:	37359
Ion Ratio	Lower	Upper
252	100	
253	26.9	22.0 33.0
125	16.8	13.4 20.2

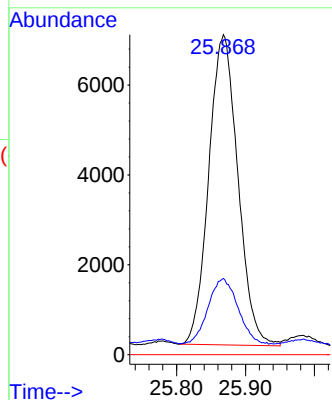




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.304 ng/ul
RT: 25.868 min Scan# 7009
Delta R.T. -0.005 min
Lab File: BM030572.D
Acq: 24 Jun 2021 13:09



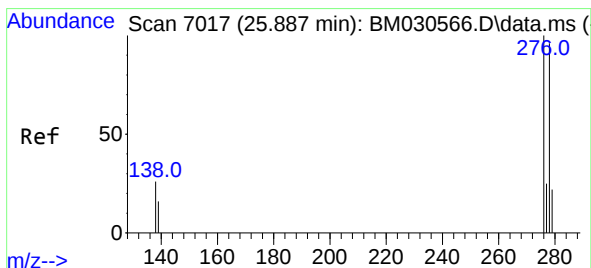
Tgt Ion: 276 Resp: 20240
Ion Ratio Lower Upper
276 100
138 21.8 19.1 28.7
227 0.0 0.0 0.0



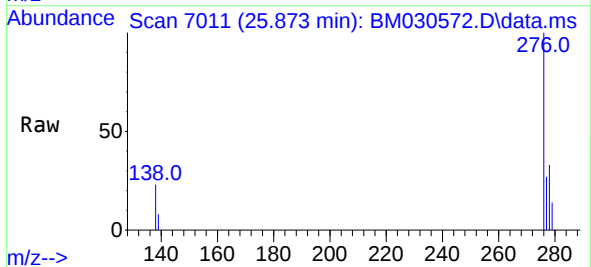
Instrument :
BNA_M
ClientSampled :
BGDB3

Manual Integrations
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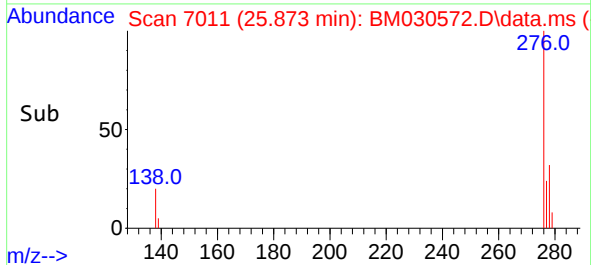
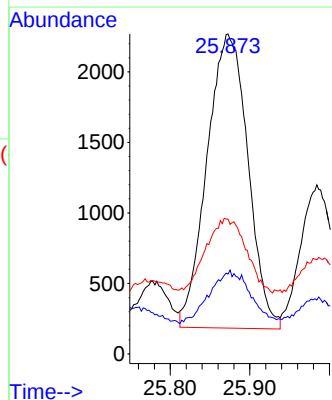
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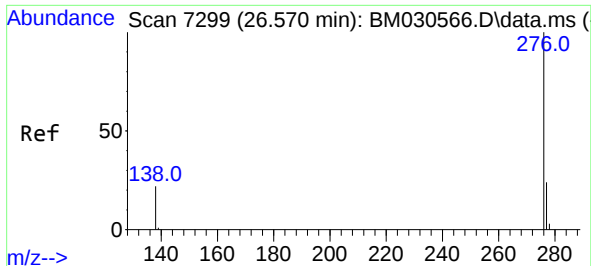


#28
Dibenzo(a,h)anthracene
Concen: 0.140 ng/ul
RT: 25.873 min Scan# 7011
Delta R.T. -0.014 min
Lab File: BM030572.D
Acq: 24 Jun 2021 13:09



Tgt Ion: 278 Resp: 7447
Ion Ratio Lower Upper
278 100
139 24.9 14.2 21.4#
279 42.1 21.6 32.4#





#29
Benzo(g,h,i)perylene
Concen: 0.024 ng/ul
RT: 26.566 min Scan# 7297
Delta R.T. -0.005 min
Lab File: BM030572.D
Acq: 24 Jun 2021 13:09

Tgt Ion: 276 Resp: 1361
Ion Ratio Lower Upper
276 100
138 58.1 18.0 27.0#
277 49.1 19.5 29.3#

Instrument :
BNA_M
ClientSampleId :
BGDB3

Manual Integrations
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