

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032063.D
 Acq On : 04 Sep 2021 05:36
 Operator : CG/JU
 Sample : M3486-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AR9

Manual Integrations
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Quant Time: Sep 04 06:15:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 16:21:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.452	152	2047	0.400	ng/ul	0.00
4) Naphthalene-d8	10.208	136	7152	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.095	164	4175	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.855	188	7558	0.400	ng/ul	-0.01
17) Chrysene-d12	21.059	240	5877	0.400	ng/ul	#-0.01
23) Perylene-d12	23.173	264	6785	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.061	96	5422	2.412	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.809	152	1888	0.171	ng/ul	-0.01
18) Fluoranthene-d10	18.892	212	3503	0.203	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	5620	0.296	ng/ul	98
7) 2-Methylnaphthalene	11.885	142	3801	0.287	ng/ul	98
8) 1-Methylnaphthalene	12.106	142	3088	0.237	ng/ul	99
10) Acenaphthylene	13.815	152	1112	0.066	ng/ul#	87
15) Phenanthrene	16.893	178	6763	0.294	ng/ul	99
16) Anthracene	16.987	178	742	0.037	ng/ul#	76
19) Fluoranthene	18.923	202	9558	0.376	ng/ul	98
20) Pyrene	19.285	202	8627m	0.330	ng/ul	
21) Benzo(a)anthracene	21.045	228	3903	0.182	ng/ul	95
22) Chrysene	21.095	228	4938	0.200	ng/ul	96
24) Benzo(b)fluoranthene	22.551	252	7015m	0.225	ng/ul	
25) Benzo(k)fluoranthene	22.587	252	3062m	0.095	ng/ul	
26) Benzo(a)pyrene	23.079	252	4833	0.177	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.240	276	4116	0.111	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.250	278	1054	0.035	ng/ul#	12
29) Benzo(g,h,i)perylene	25.872	276	3733	0.113	ng/ul#	84

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

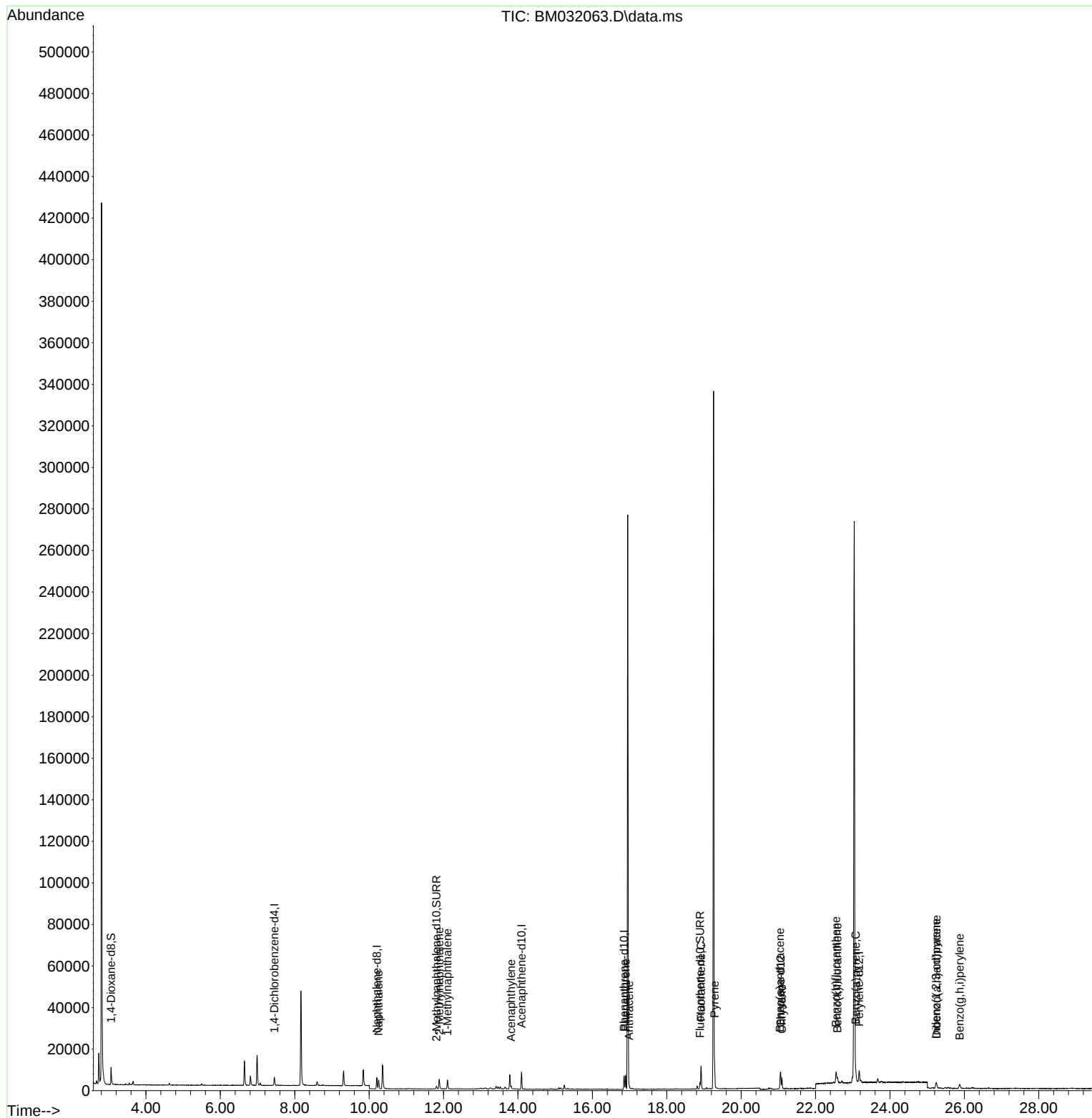
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
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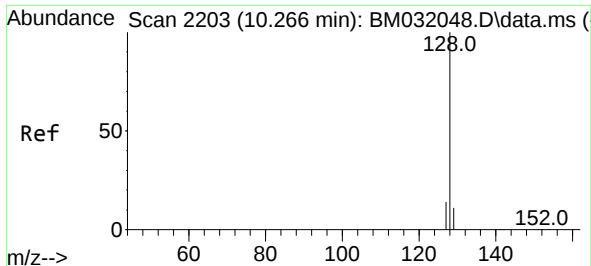
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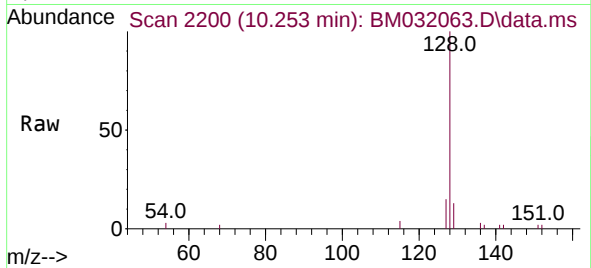
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 16:21:27 2021
Response via : Initial Calibration

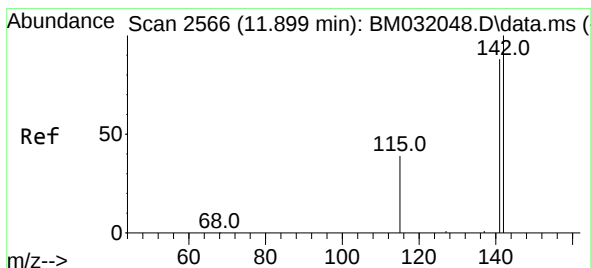
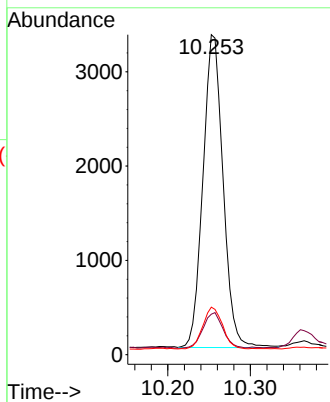
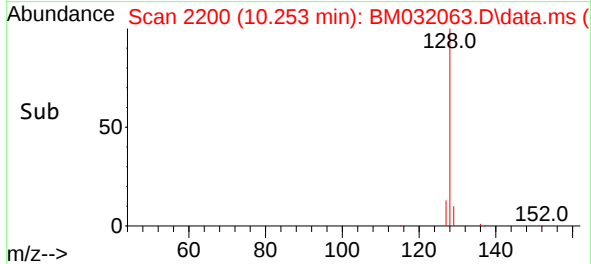




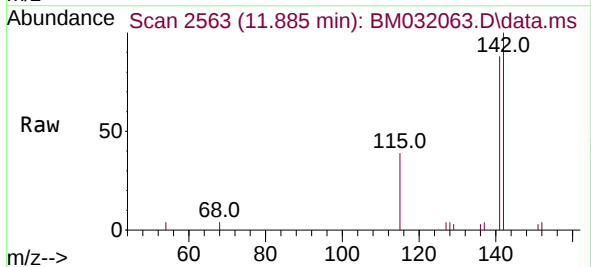
#5
Naphthalene
Concen: 0.296 ng/ul
RT: 10.253 min Scan# 2200
Delta R.T. -0.018 min
Lab File: BM032063.D
Acq: 04 Sep 2021 05:36



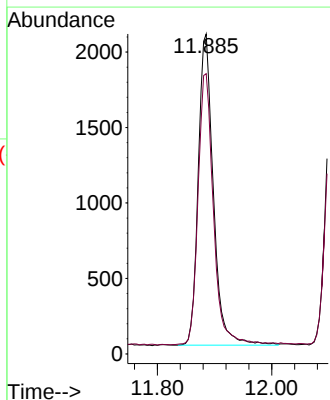
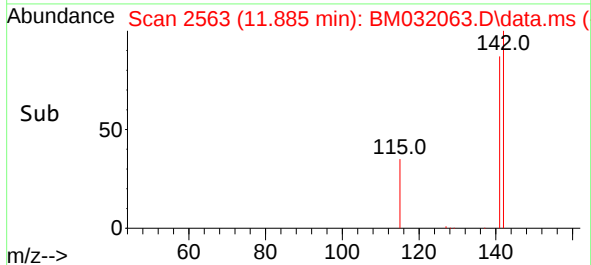
Tgt Ion:128 Resp: 5620
Ion Ratio Lower Upper
128 100
129 12.6 10.9 16.3
127 14.8 12.4 18.6



#7
2-Methylnaphthalene
Concen: 0.287 ng/ul
RT: 11.885 min Scan# 2563
Delta R.T. -0.013 min
Lab File: BM032063.D
Acq: 04 Sep 2021 05:36



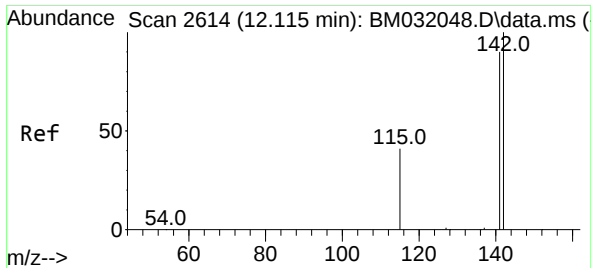
Tgt Ion:142 Resp: 3801
Ion Ratio Lower Upper
142 100
141 89.7 70.3 105.5



Instrument :
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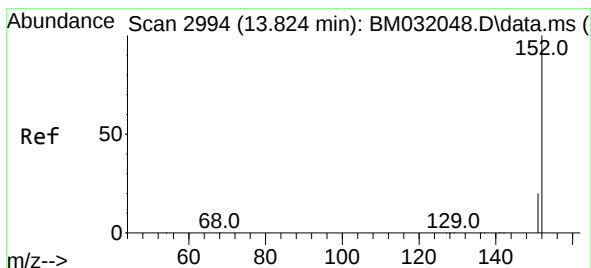
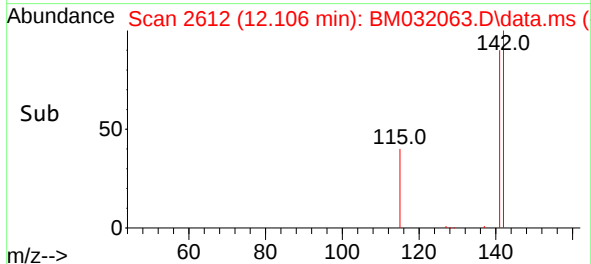
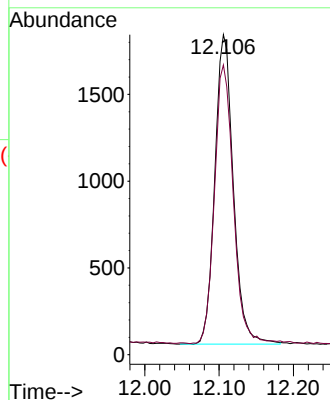
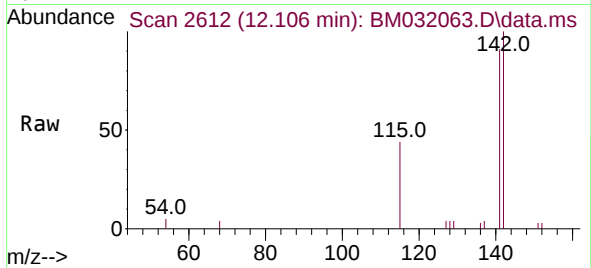
#8
1-Methylnaphthalene
Concen: 0.237 ng/ul
RT: 12.106 min Scan# 2612
Delta R.T. -0.009 min
Lab File: BM032063.D
Acq: 04 Sep 2021 05:36

Tgt Ion:142 Resp: 3088
Ion Ratio Lower Upper
142 100
141 91.6 72.2 108.2

Instrument :
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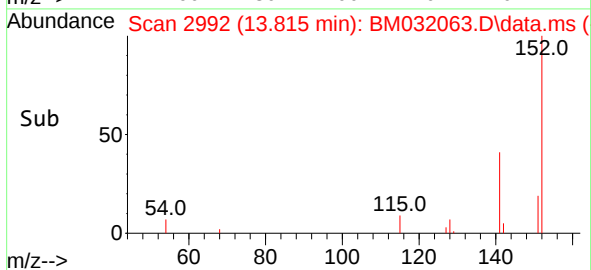
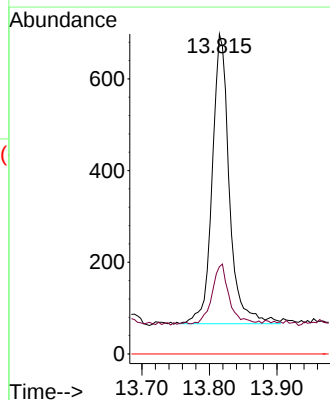
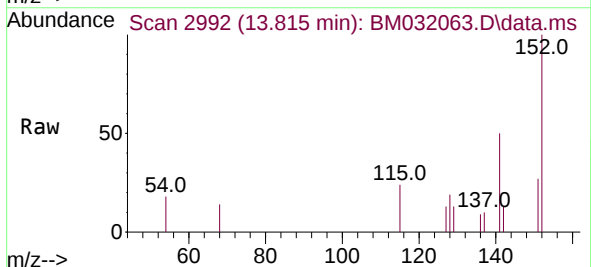
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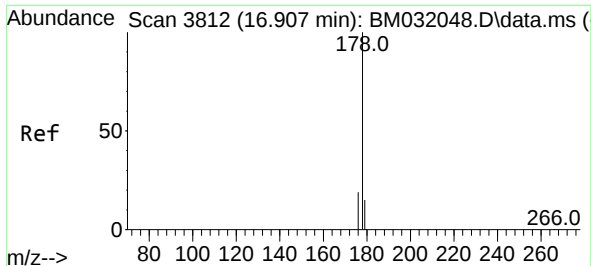
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#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 13.815 min Scan# 2992
Delta R.T. -0.009 min
Lab File: BM032063.D
Acq: 04 Sep 2021 05:36

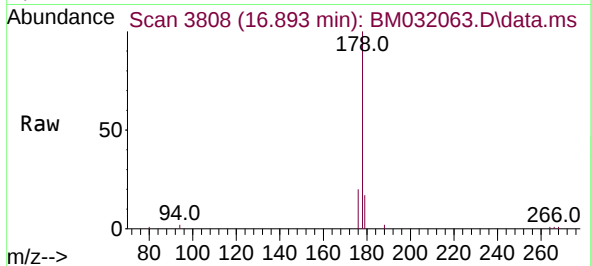
Tgt Ion:152 Resp: 1112
Ion Ratio Lower Upper
152 100
151 27.2 17.0 25.4#
153 0.0 0.0 0.0





#15
Phenanthrene
Concen: 0.294 ng/ul
RT: 16.893 min Scan# 3808
Delta R.T. -0.014 min
Lab File: BM032063.D
Acq: 04 Sep 2021 05:36

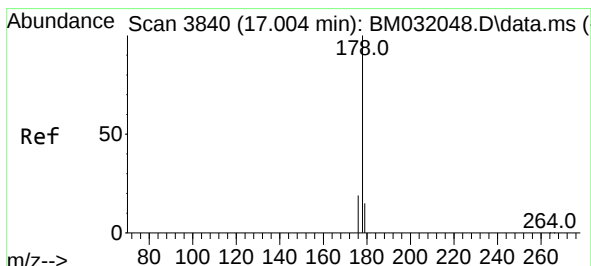
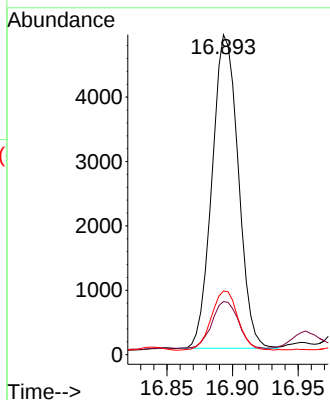
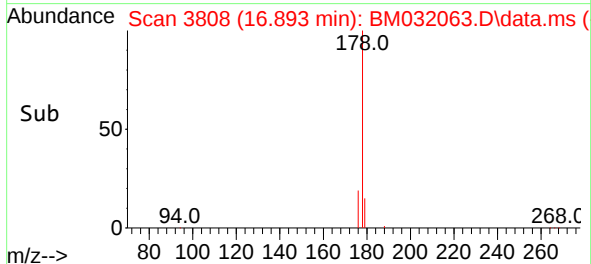
Instrument :
BNA_M
ClientSampled :
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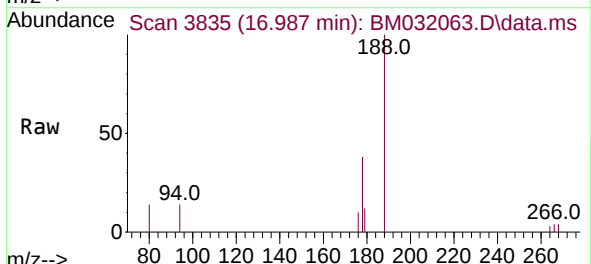
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Ion Ratio Lower Upper
178 100
179 16.6 13.3 19.9
176 19.9 16.7 25.1

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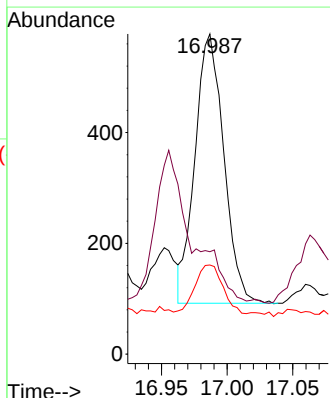
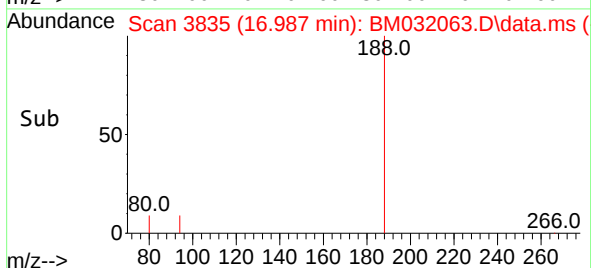
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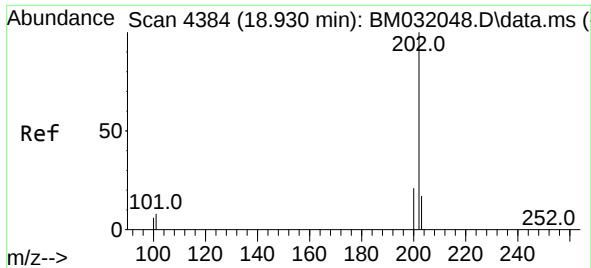


#16
Anthracene
Concen: 0.037 ng/ul
RT: 16.987 min Scan# 3835
Delta R.T. -0.021 min
Lab File: BM032063.D
Acq: 04 Sep 2021 05:36

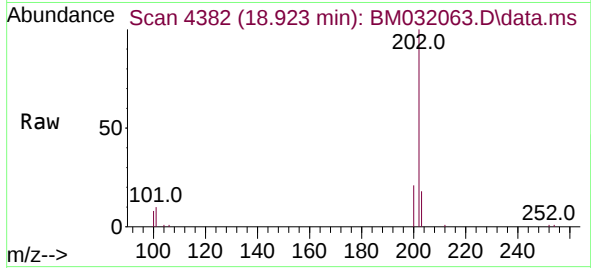


Tgt Ion:178 Resp: 742
Ion Ratio Lower Upper
178 100
179 32.0 14.3 21.5#
176 27.9 15.8 23.8#

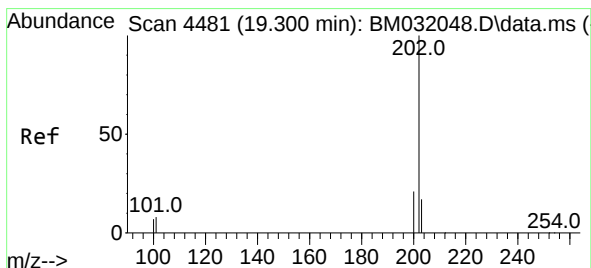
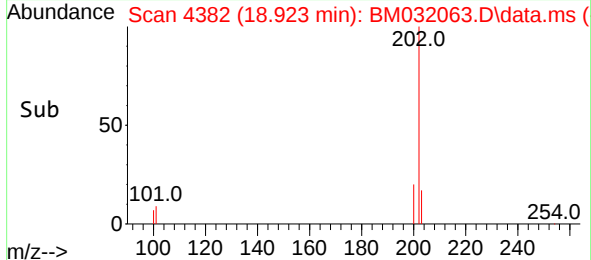
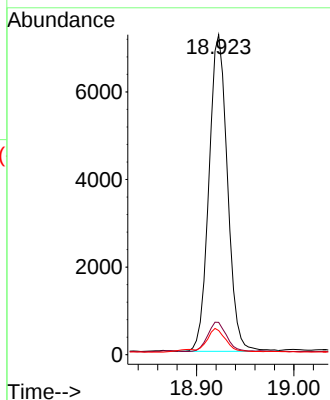




#19
Fluoranthene
Concen: 0.376 ng/ul
RT: 18.923 min Scan# 4382
Delta R.T. -0.011 min
Lab File: BM032063.D
Acq: 04 Sep 2021 05:36

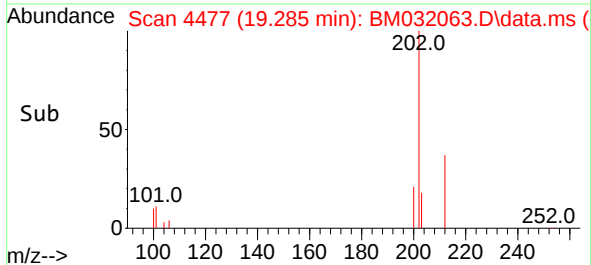
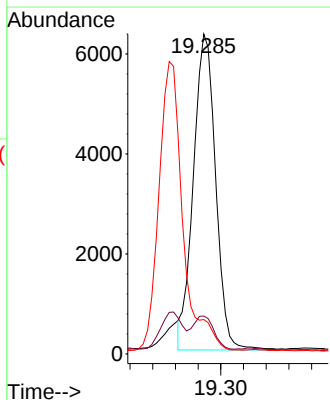
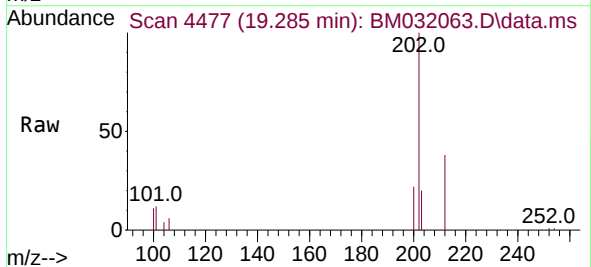


Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.2	10.8
100	7.6	5.8	8.6



#20
Pyrene
Concen: 0.330 ng/ul m
RT: 19.285 min Scan# 4477
Delta R.T. -0.015 min
Lab File: BM032063.D
Acq: 04 Sep 2021 05:36

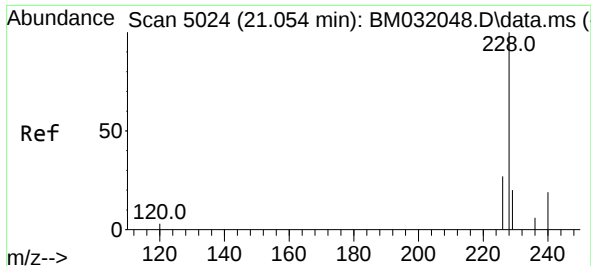
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	8.2	12.4
100	10.7	7.0	10.6



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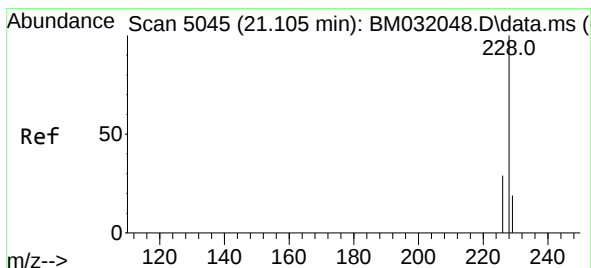
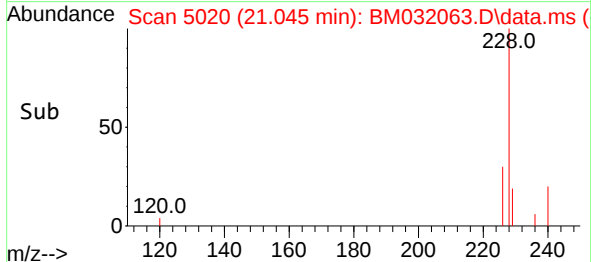
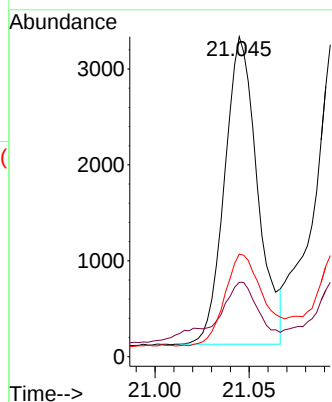
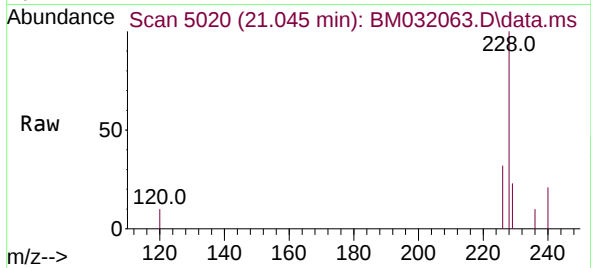
#21
Benzo(a)anthracene
Concen: 0.182 ng/ul
RT: 21.045 min Scan# 5020
Delta R.T. -0.014 min
Lab File: BM032063.D
Acq: 04 Sep 2021 05:36

Tgt Ion:	228	Resp:	3903
Ion Ratio	Lower	Upper	
228	100		
229	23.3	17.1	25.7
226	32.0	23.1	34.7

Instrument :
BNA_M
ClientSampled :
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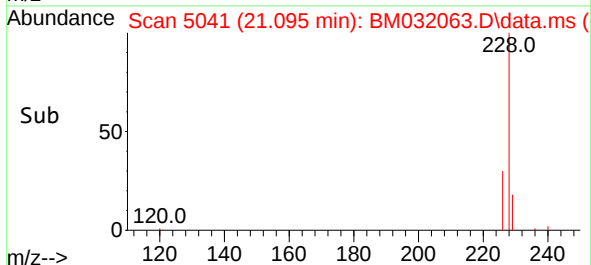
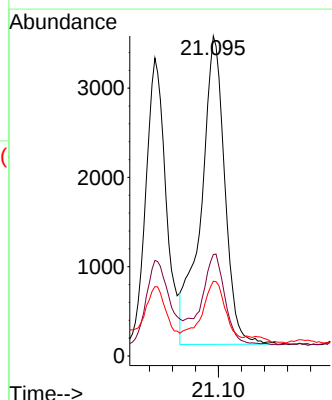
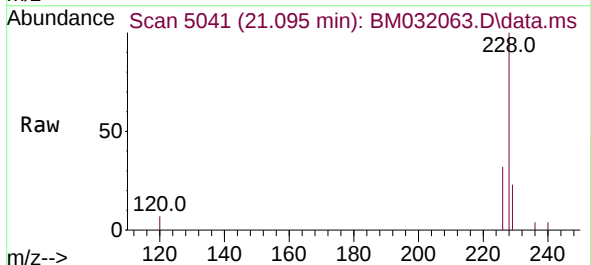
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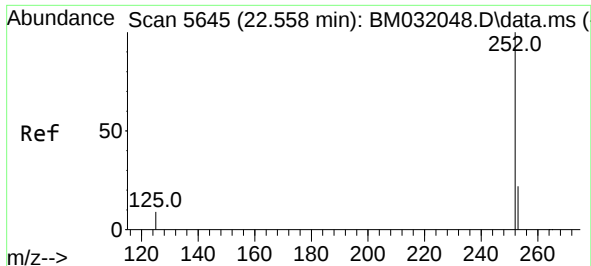
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#22
Chrysene
Concen: 0.200 ng/ul
RT: 21.095 min Scan# 5041
Delta R.T. -0.014 min
Lab File: BM032063.D
Acq: 04 Sep 2021 05:36

Tgt Ion:	228	Resp:	4938
Ion Ratio	Lower	Upper	
228	100		
226	31.7	24.2	36.2
229	23.3	16.3	24.5





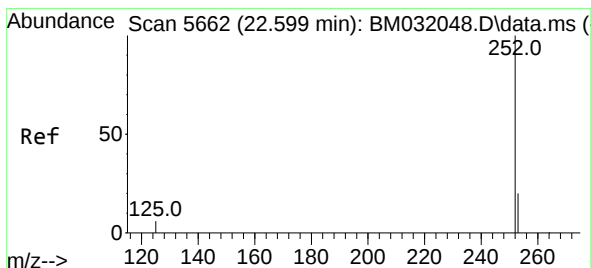
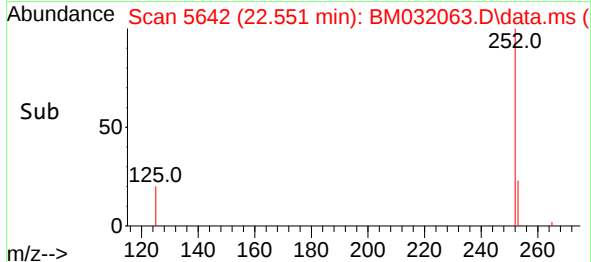
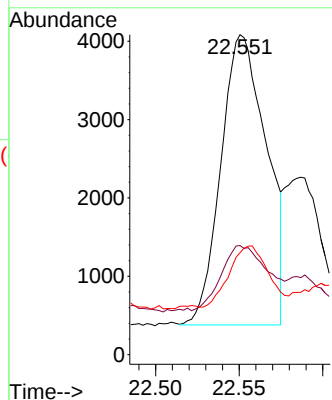
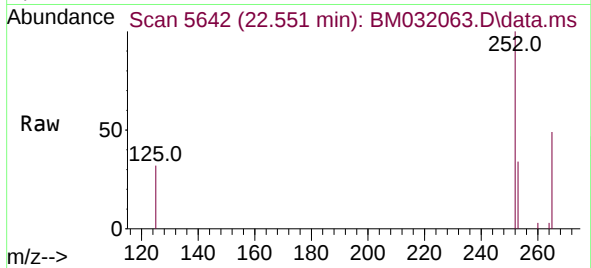
#24
Benzo(b)fluoranthene
Concen: 0.225 ng/ul m
RT: 22.551 min Scan# 5642
Delta R.T. -0.014 min
Lab File: BM032063.D
Acq: 04 Sep 2021 05:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.1	0.0	61.0
125	31.9	0.0	28.4#

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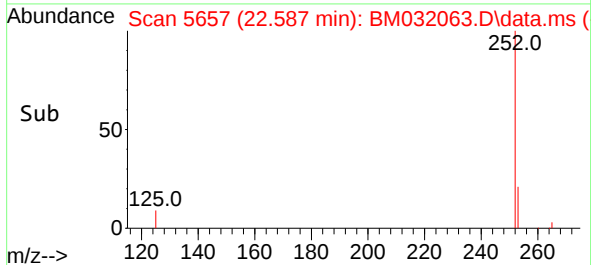
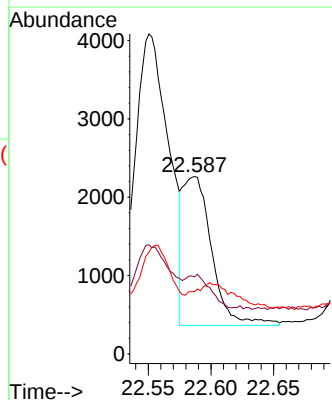
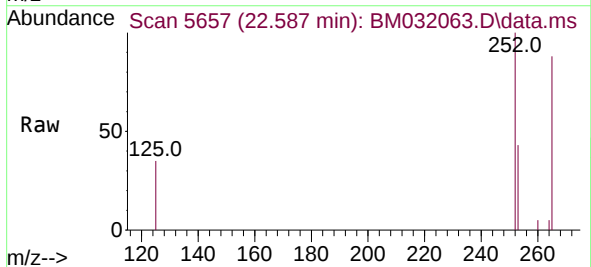
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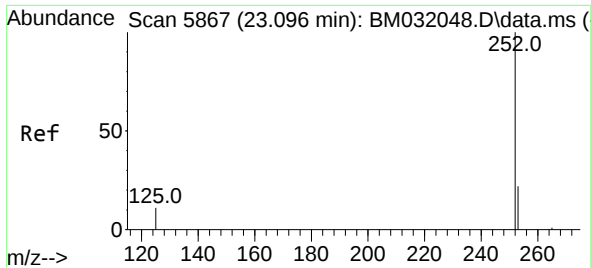
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#25
Benzo(k)fluoranthene
Concen: 0.095 ng/ul m
RT: 22.587 min Scan# 5657
Delta R.T. -0.022 min
Lab File: BM032063.D
Acq: 04 Sep 2021 05:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	43.4	25.2	37.8#
125	35.1	11.0	16.4#





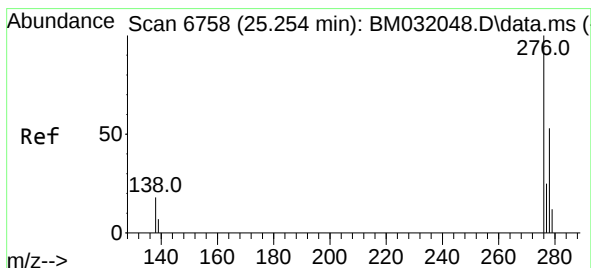
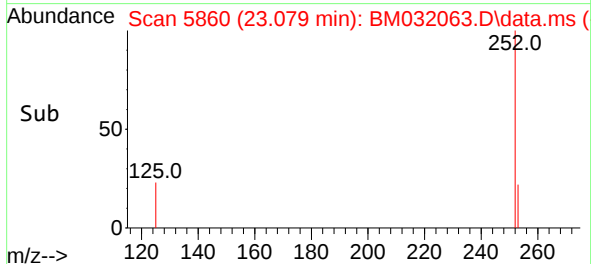
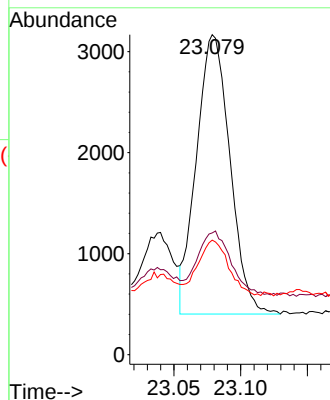
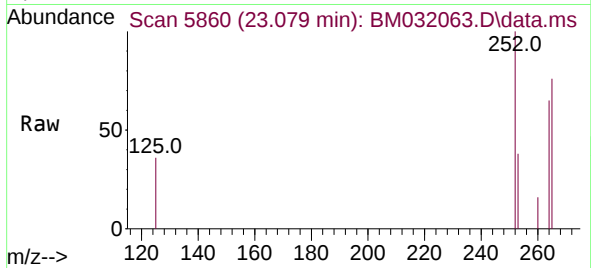
#26
Benzo(a)pyrene
Concen: 0.177 ng/ul
RT: 23.079 min Scan# 5860
Delta R.T. -0.027 min
Lab File: BM032063.D
Acq: 04 Sep 2021 05:36

Tgt Ion:	252	Resp:	4833
Ion Ratio	Lower	Upper	
252	100		
253	38.1	28.8	43.2
125	35.8	13.9	20.9#

Instrument :
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ClientSampleId :
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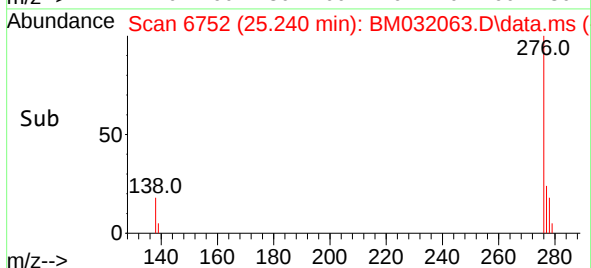
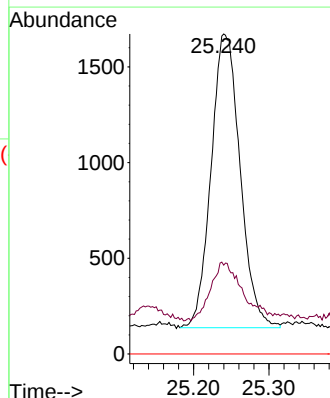
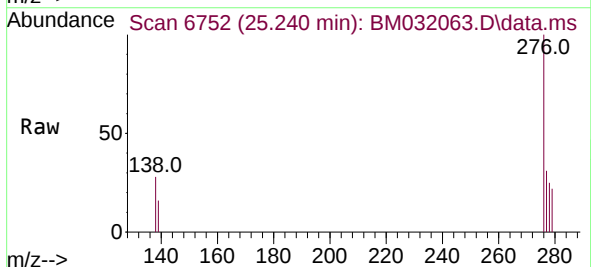
Manual Integrations
APPROVED

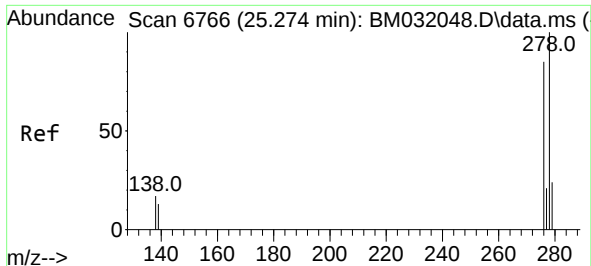
mohammad
9/7/2021 11:38:07 AM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.111 ng/ul
RT: 25.240 min Scan# 6752
Delta R.T. -0.031 min
Lab File: BM032063.D
Acq: 04 Sep 2021 05:36

Tgt Ion:	276	Resp:	4116
Ion Ratio	Lower	Upper	
276	100		
138	24.2	14.1	21.1#
227	0.0	0.0	0.0





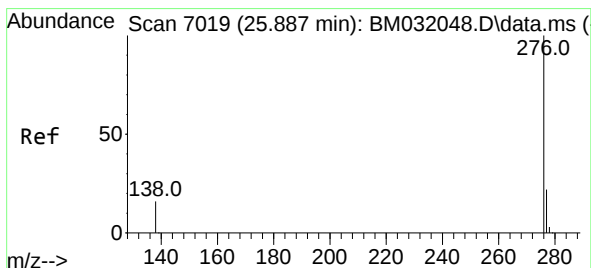
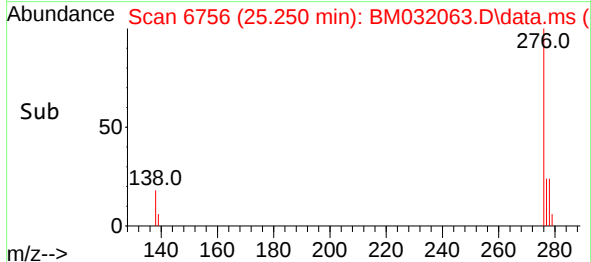
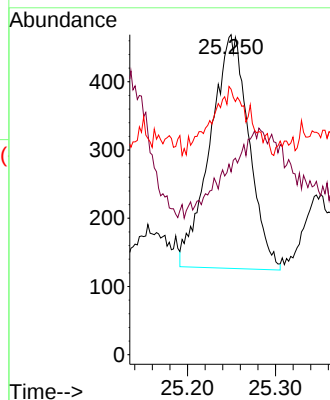
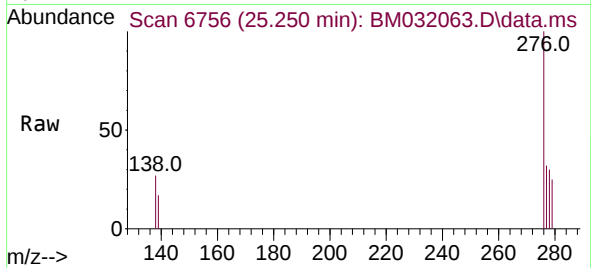
#28
Dibenzo(a,h)anthracene
Concen: 0.035 ng/ul
RT: 25.250 min Scan# 6756
Delta R.T. -0.036 min
Lab File: BM032063.D
Acq: 04 Sep 2021 05:36

Tgt Ion: 278 Resp: 1054
Ion Ratio Lower Upper
278 100
139 57.1 13.4 20.0#
279 82.9 27.2 40.8#

Instrument :
BNA_M
ClientSampleId :
C0AR9

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.113 ng/ul
RT: 25.872 min Scan# 7013
Delta R.T. -0.031 min
Lab File: BM032063.D
Acq: 04 Sep 2021 05:36

Tgt Ion: 276 Resp: 3733
Ion Ratio Lower Upper
276 100
138 29.0 14.5 21.7#
277 31.8 21.2 31.8#

