

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032069.D
 Acq On : 04 Sep 2021 09:52
 Operator : CG/JU
 Sample : M3486-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B19

Manual Integrations
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mohammad
 9/7/2021 11:38:23 AM

Quant Time: Sep 06 01:41:44 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	1487	0.400	ng/ul	0.00
4) Naphthalene-d8	10.203	136	5231	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.095	164	3239	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.852	188	6207	0.400	ng/ul	-0.01
17) Chrysene-d12	21.059	240	5243	0.400	ng/ul	-0.01
23) Perylene-d12	23.171	264	5791	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.065	96	4265	2.611	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.804	152	1395	0.172	ng/ul	-0.02
18) Fluoranthene-d10	18.892	212	2953	0.192	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.253	128	24316	1.752	ng/ul	95
7) 2-Methylnaphthalene	11.876	142	16409	1.694	ng/ul	99
8) 1-Methylnaphthalene	12.101	142	12319	1.292	ng/ul	98
10) Acenaphthylene	13.815	152	4685	0.358	ng/ul	97
11) Acenaphthene	14.159	153	530m	0.050	ng/ul	
12) Fluorene	15.153	166	708	0.057	ng/ul#	68
15) Phenanthrene	16.893	178	15452	0.818	ng/ul	98
16) Anthracene	16.987	178	6230	0.376	ng/ul	100
19) Fluoranthene	18.919	202	34481	1.522	ng/ul	100
20) Pyrene	19.285	202	35057	1.501	ng/ul	100
21) Benzo(a)anthracene	21.045	228	21907	1.144	ng/ul	99
22) Chrysene	21.096	228	30144	1.370	ng/ul	98
24) Benzo(b)fluoranthene	22.551	252	66669m	2.504	ng/ul	
25) Benzo(k)fluoranthene	22.587	252	21986m	0.801	ng/ul	
26) Benzo(a)pyrene	23.081	252	36330m	1.562	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.240	276	38529	1.216	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.245	278	9336	0.366	ng/ul	95
29) Benzo(g,h,i)perylene	25.870	276	36066	1.279	ng/ul	95

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

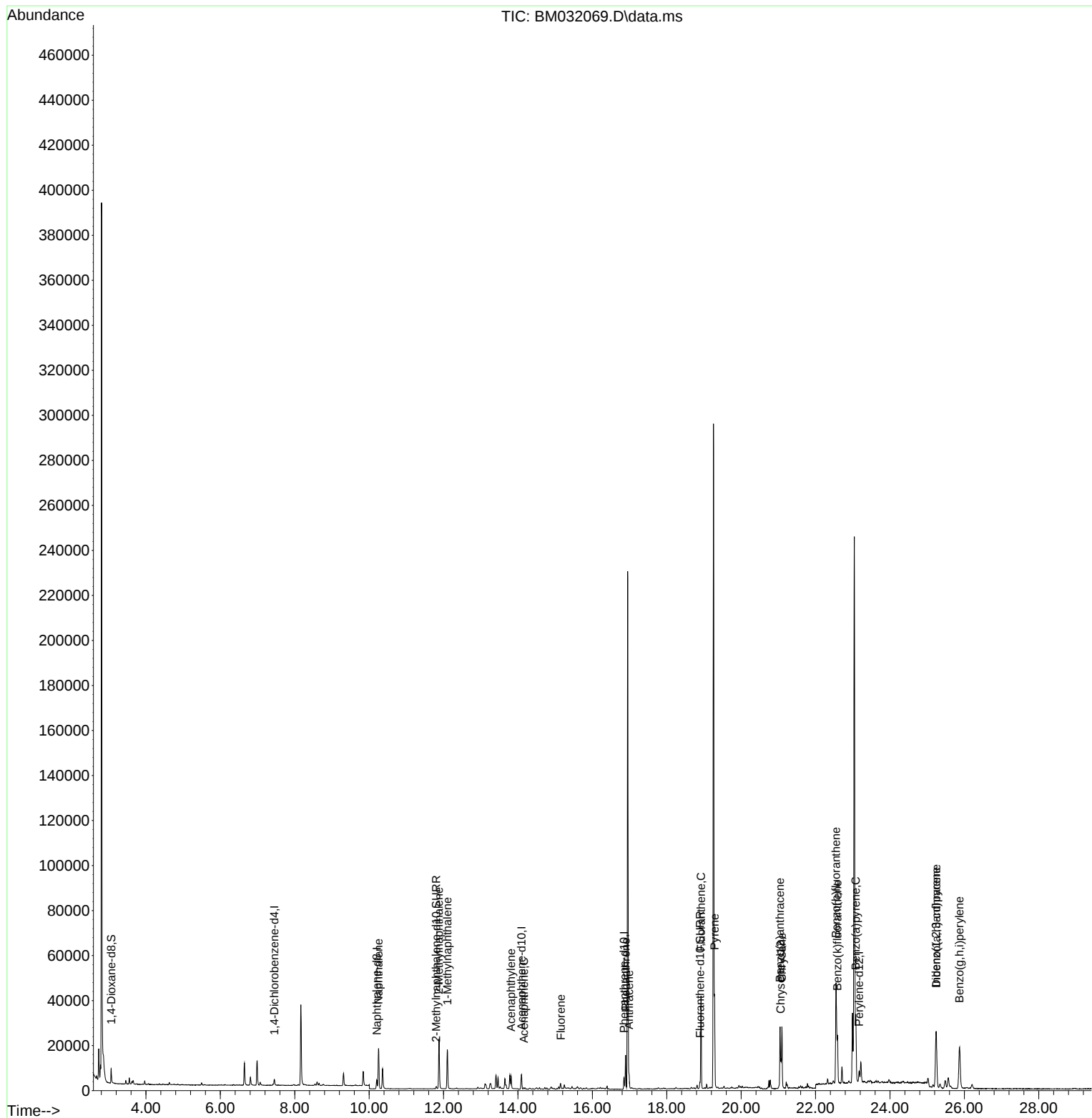
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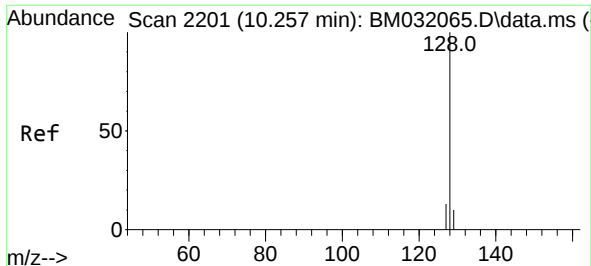
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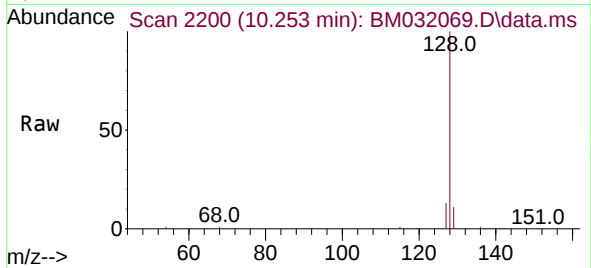
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 16:21:27 2021
Response via : Initial Calibration

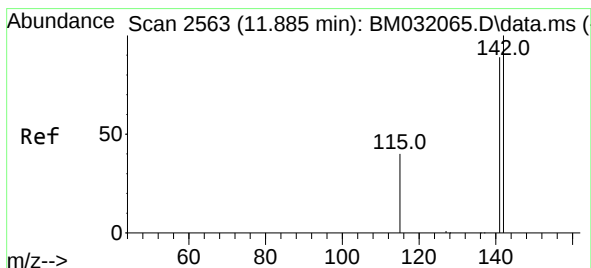
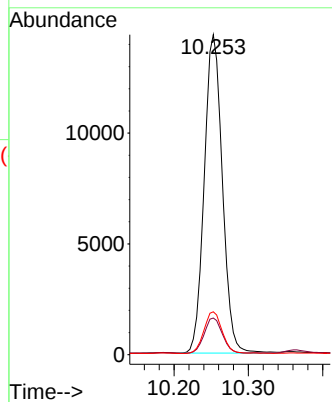
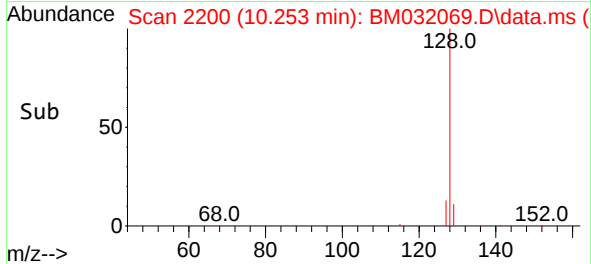




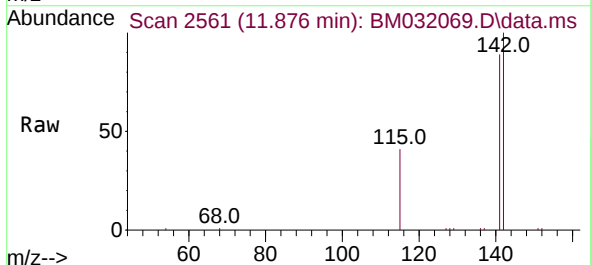
#5
Naphthalene
Concen: 1.752 ng/ul
RT: 10.253 min Scan# 2200
Delta R.T. -0.018 min
Lab File: BM032069.D
Acq: 04 Sep 2021 09:52



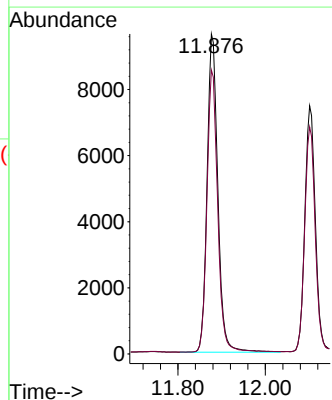
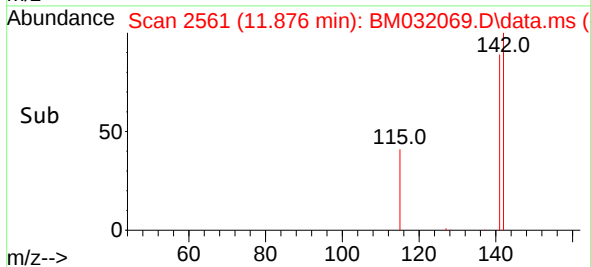
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.9	16.3
127	13.4	12.4	18.6



#7
2-Methylnaphthalene
Concen: 1.694 ng/ul
RT: 11.876 min Scan# 2561
Delta R.T. -0.022 min
Lab File: BM032069.D
Acq: 04 Sep 2021 09:52



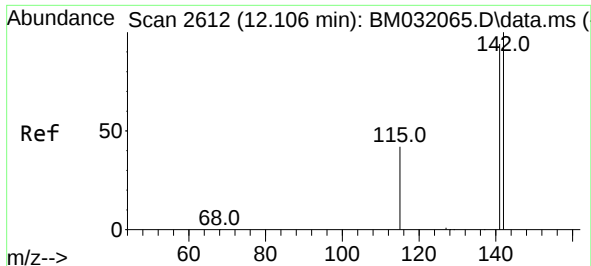
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.3	105.5



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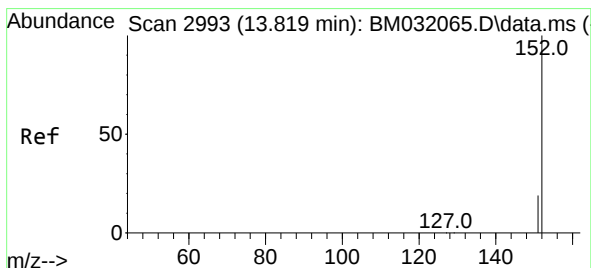
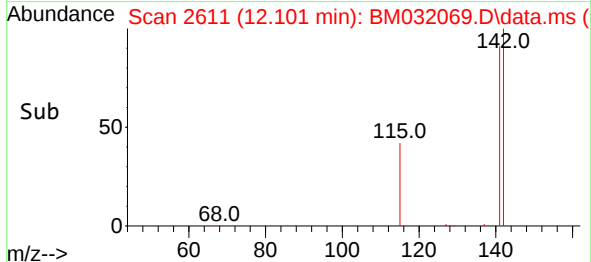
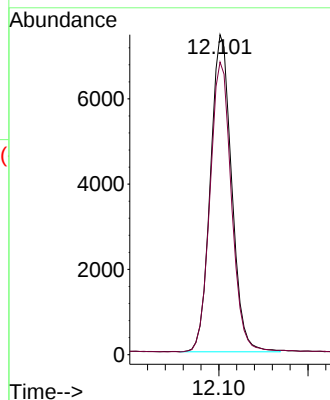
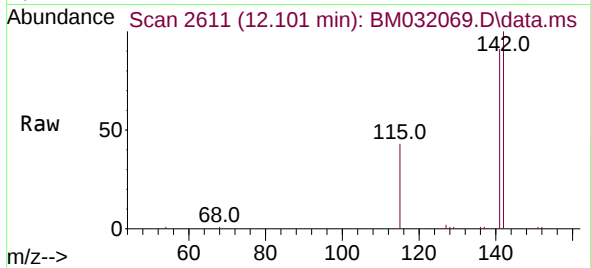
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1-Methylnaphthalene
Concen: 1.292 ng/ul
RT: 12.101 min Scan# 2611
Delta R.T. -0.013 min
Lab File: BM032069.D
Acq: 04 Sep 2021 09:52

Tgt Ion:142 Resp: 12319
Ion Ratio Lower Upper
142 100
141 92.4 72.2 108.2

Instrument :
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ClientSampled :
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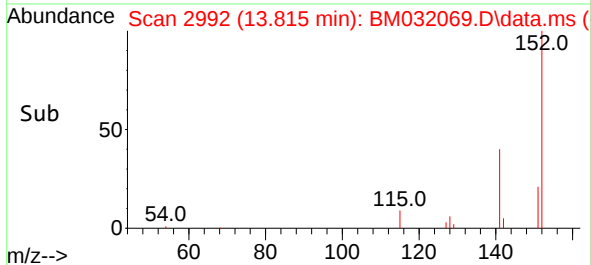
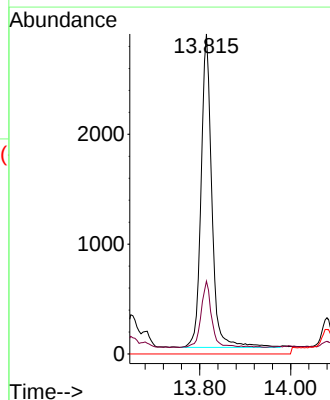
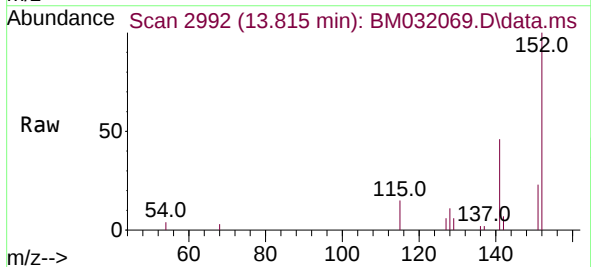
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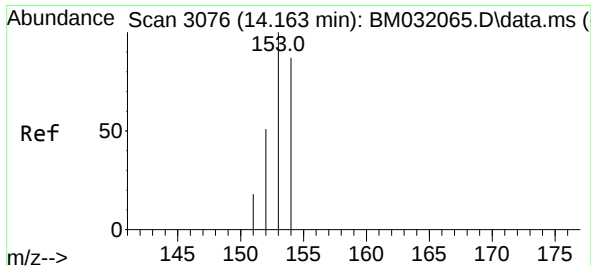
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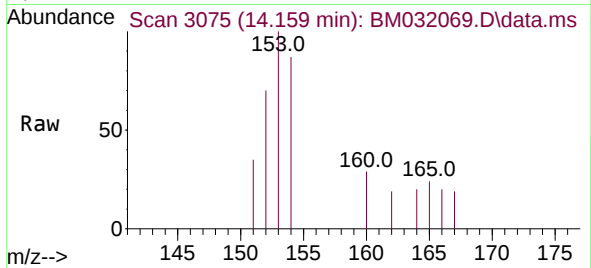
#10
Acenaphthylene
Concen: 0.358 ng/ul
RT: 13.815 min Scan# 2992
Delta R.T. -0.009 min
Lab File: BM032069.D
Acq: 04 Sep 2021 09:52

Tgt Ion:152 Resp: 4685
Ion Ratio Lower Upper
152 100
151 22.8 17.0 25.4
153 0.0 0.0 0.0

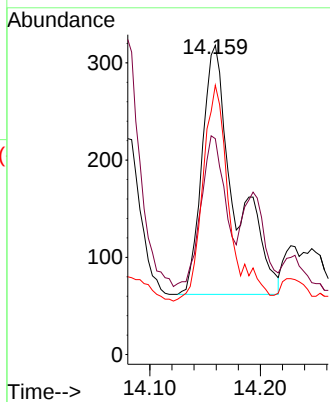
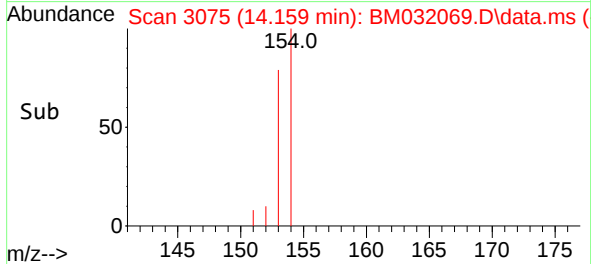




#11
Acenaphthene
Concen: 0.050 ng/ul m
RT: 14.159 min Scan# 3075
Delta R.T. -0.008 min
Lab File: BM032069.D
Acq: 04 Sep 2021 09:52



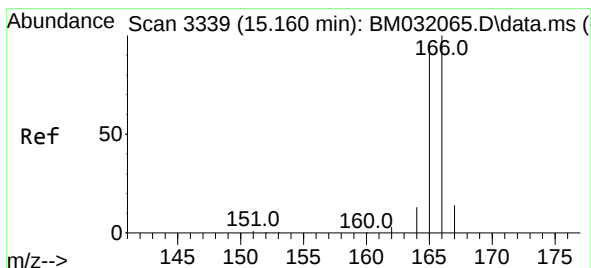
Tgt Ion:153 Resp: 530
Ion Ratio Lower Upper
153 100
152 69.8 41.0 61.4#
154 87.1 70.5 105.7



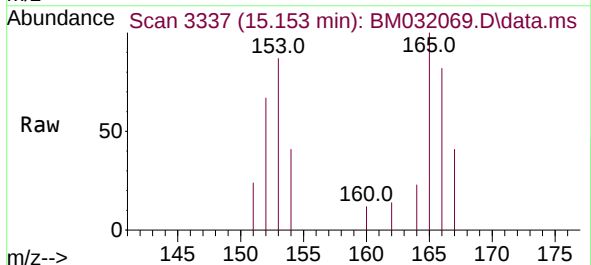
Instrument :
BNA_M
ClientSampled :
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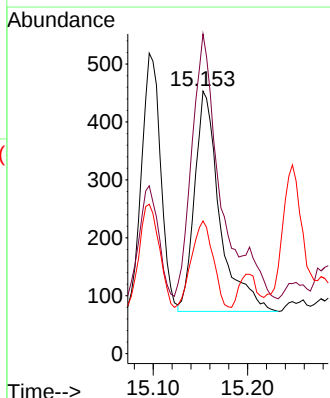
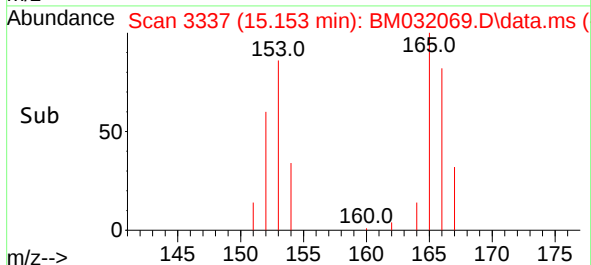
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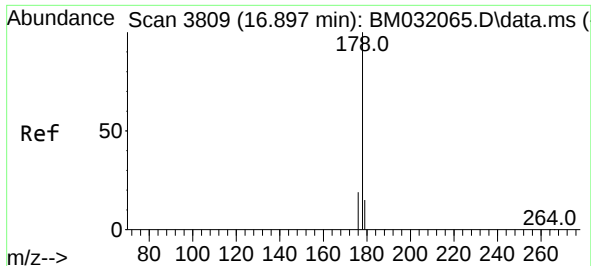


#12
Fluorene
Concen: 0.057 ng/ul
RT: 15.153 min Scan# 3337
Delta R.T. -0.019 min
Lab File: BM032069.D
Acq: 04 Sep 2021 09:52



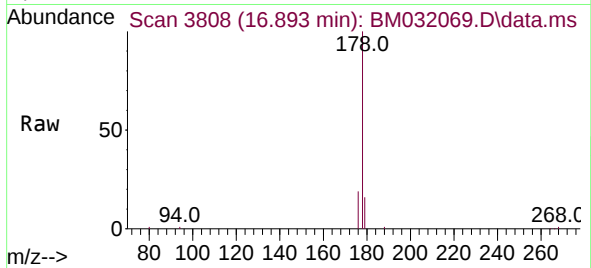
Tgt Ion:166 Resp: 708
Ion Ratio Lower Upper
166 100
165 121.9 78.3 117.5#
167 50.6 12.5 18.7#





#15
Phenanthrene
Concen: 0.818 ng/u1
RT: 16.893 min Scan# 3808
Delta R.T. -0.014 min
Lab File: BM032069.D
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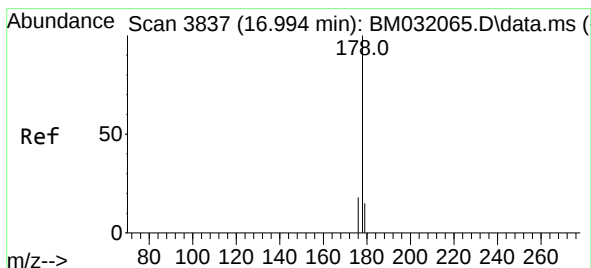
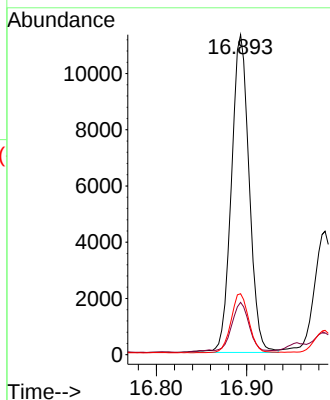
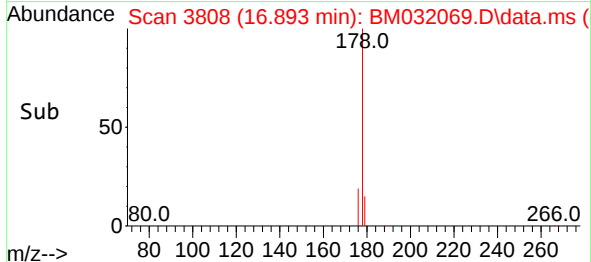
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ClientSampled :
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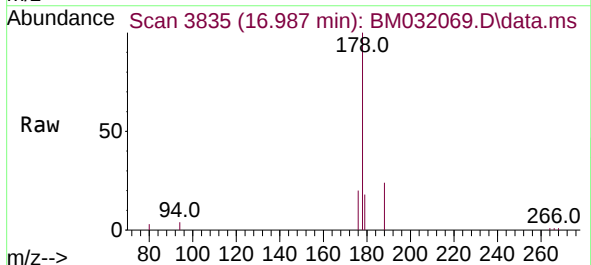
Tgt Ion:178 Resp: 15452
Ion Ratio Lower Upper
178 100
179 16.4 13.3 19.9
176 19.0 16.7 25.1

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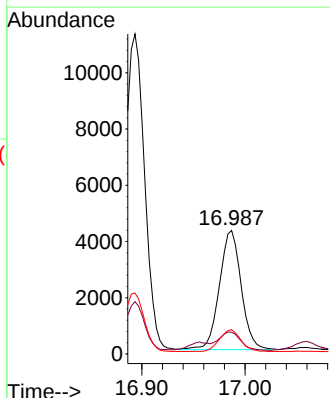
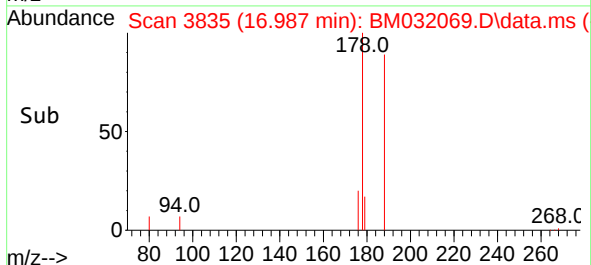
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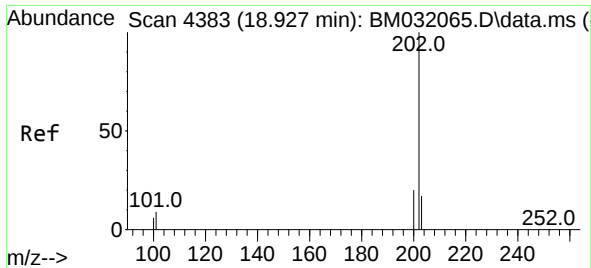


#16
Anthracene
Concen: 0.376 ng/u1
RT: 16.987 min Scan# 3835
Delta R.T. -0.021 min
Lab File: BM032069.D
Acq: 04 Sep 2021 09:52

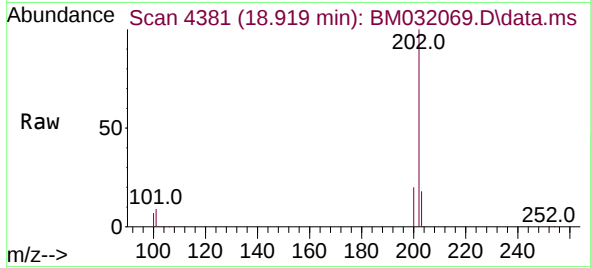


Tgt Ion:178 Resp: 6230
Ion Ratio Lower Upper
178 100
179 17.6 14.3 21.5
176 19.6 15.8 23.8

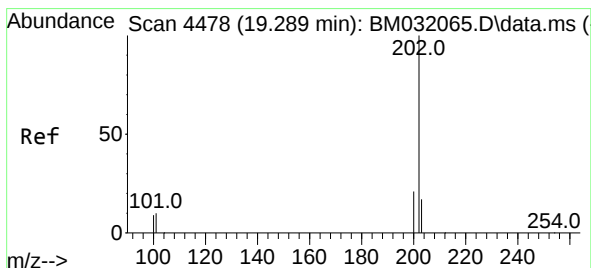
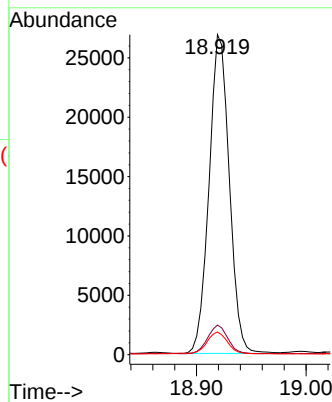
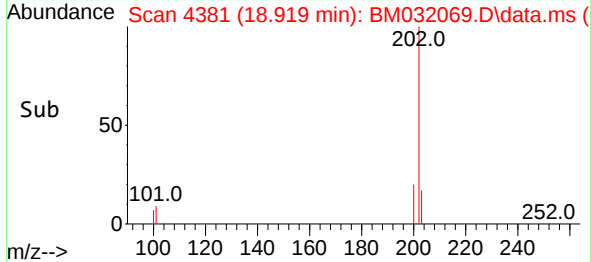




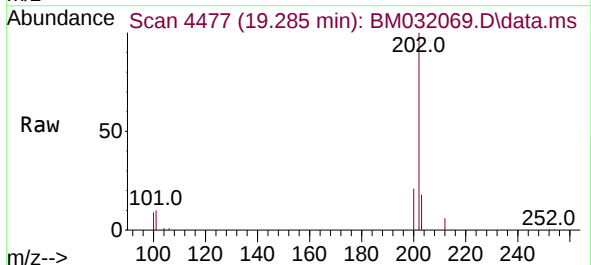
#19
Fluoranthene
Concen: 1.522 ng/ul
RT: 18.919 min Scan# 4381
Delta R.T. -0.015 min
Lab File: BM032069.D
Acq: 04 Sep 2021 09:52



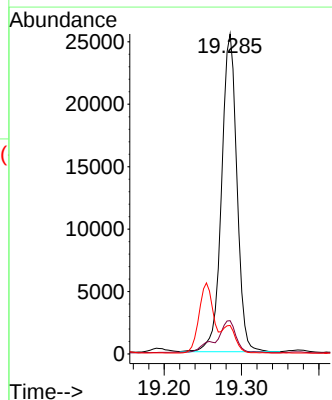
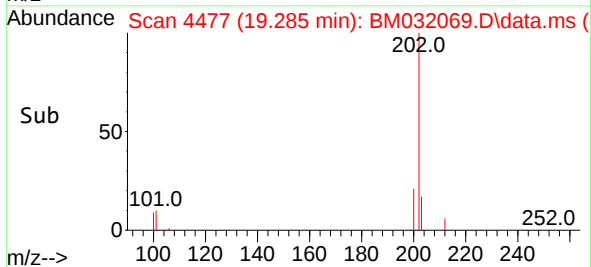
Tgt Ion:202 Resp: 34481
Ion Ratio Lower Upper
202 100
101 9.3 7.2 10.8
100 7.1 5.8 8.6



#20
Pyrene
Concen: 1.501 ng/ul
RT: 19.285 min Scan# 4477
Delta R.T. -0.015 min
Lab File: BM032069.D
Acq: 04 Sep 2021 09:52



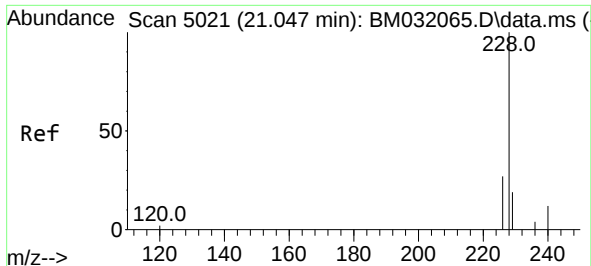
Tgt Ion:202 Resp: 35057
Ion Ratio Lower Upper
202 100
101 10.4 8.2 12.4
100 8.9 7.0 10.6



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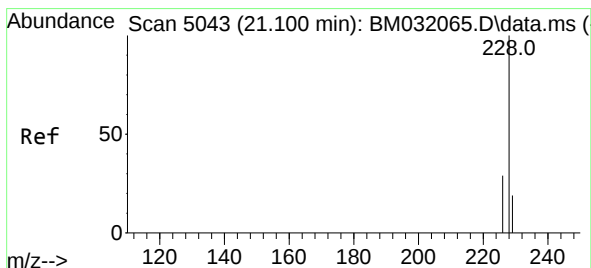
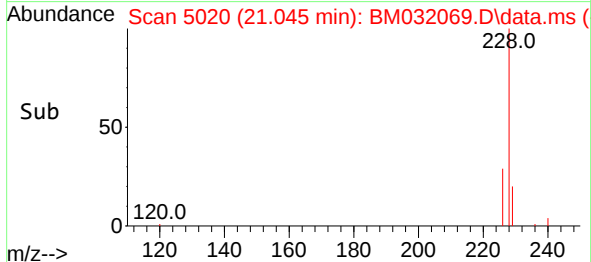
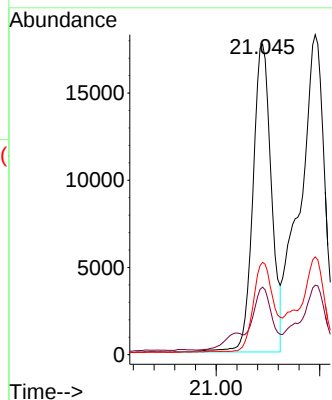
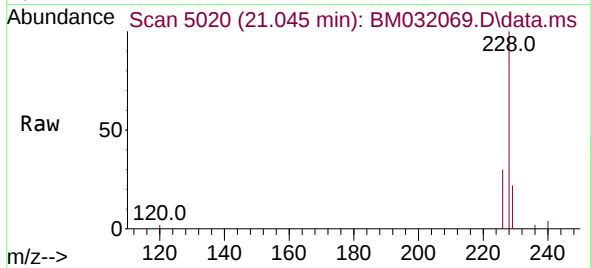
#21
Benzo(a)anthracene
Concen: 1.144 ng/ul
RT: 21.045 min Scan# 5020
Delta R.T. -0.014 min
Lab File: BM032069.D
Acq: 04 Sep 2021 09:52

Tgt Ion:228 Resp: 21907
Ion Ratio Lower Upper
228 100
229 21.7 17.1 25.7
226 29.7 23.1 34.7

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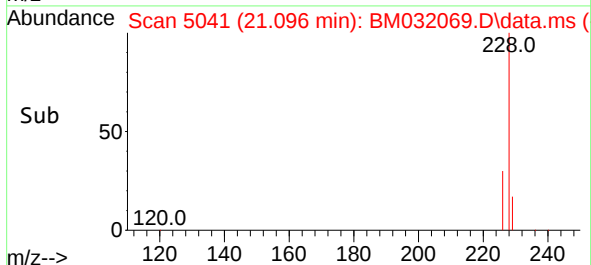
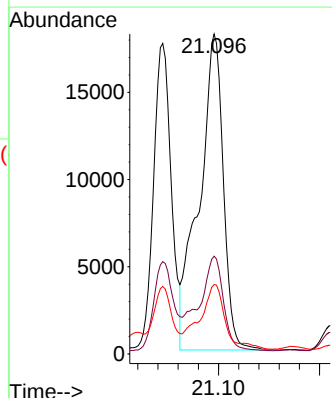
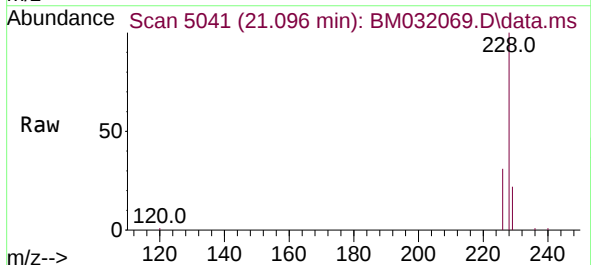
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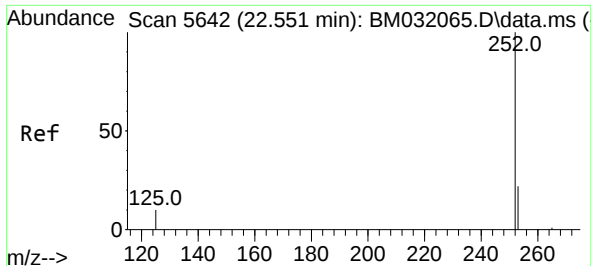
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#22
Chrysene
Concen: 1.370 ng/ul
RT: 21.096 min Scan# 5041
Delta R.T. -0.014 min
Lab File: BM032069.D
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Tgt Ion:228 Resp: 30144
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 21.7 16.3 24.5





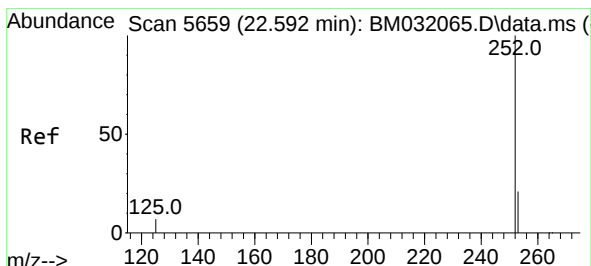
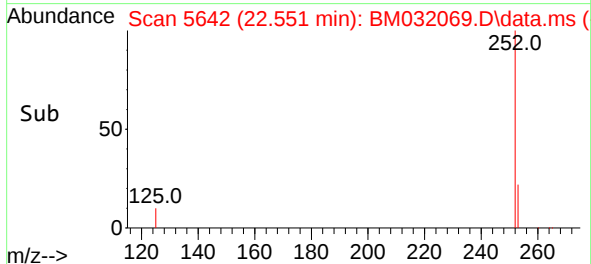
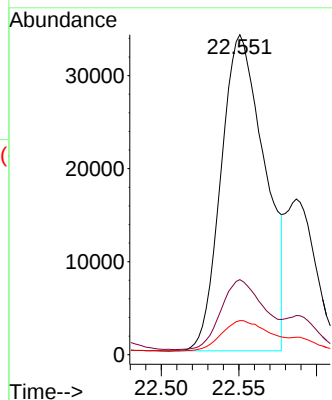
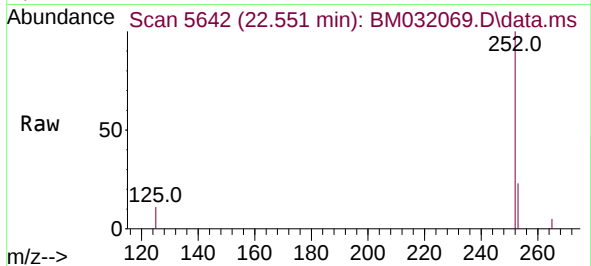
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Benzo(b)fluoranthene
Concen: 2.504 ng/ul m
RT: 22.551 min Scan# 5642
Delta R.T. -0.014 min
Lab File: BM032069.D
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Tgt Ion:252	Resp:	66669
Ion Ratio	Lower	Upper
252	100	
253	23.5	0.0 61.0
125	10.6	0.0 28.4

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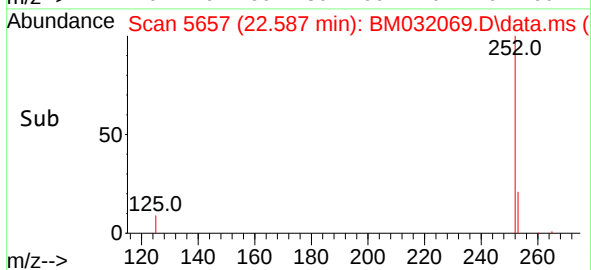
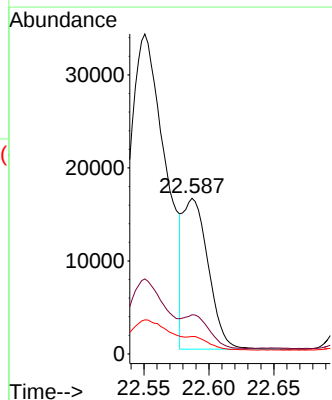
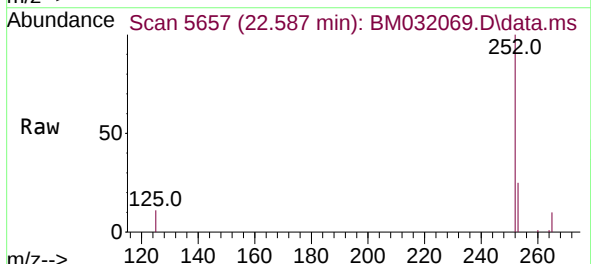
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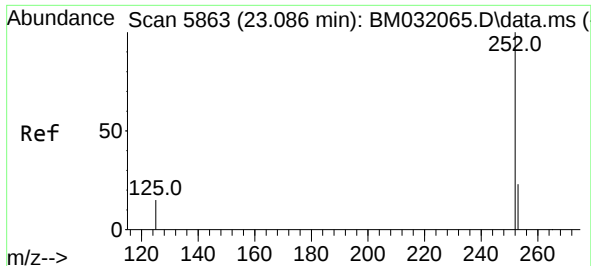
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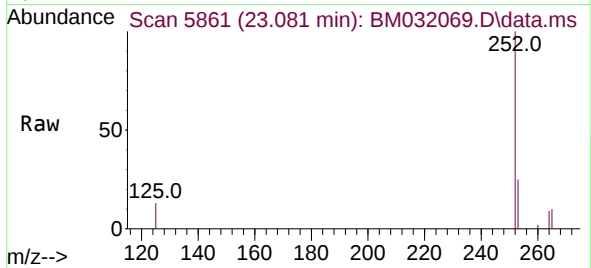
#25
Benzo(k)fluoranthene
Concen: 0.801 ng/ul m
RT: 22.587 min Scan# 5657
Delta R.T. -0.022 min
Lab File: BM032069.D
Acq: 04 Sep 2021 09:52

Tgt Ion:252	Resp:	21986
Ion Ratio	Lower	Upper
252	100	
253	25.1	25.2 37.8#
125	11.2	11.0 16.4

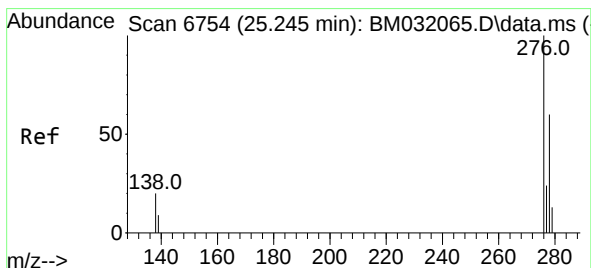
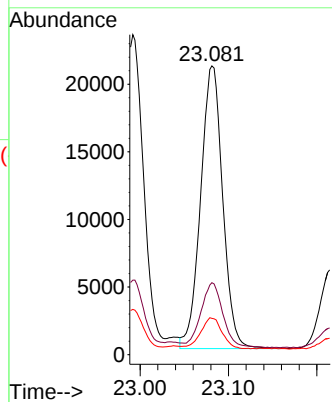
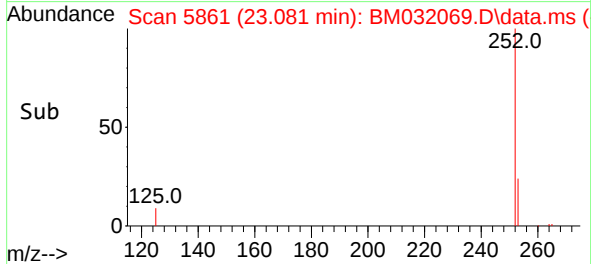




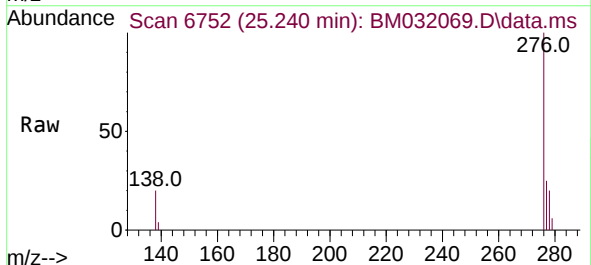
#26
Benzo(a)pyrene
Concen: 1.562 ng/ul m
RT: 23.081 min Scan# 5861
Delta R.T. -0.024 min
Lab File: BM032069.D
Acq: 04 Sep 2021 09:52



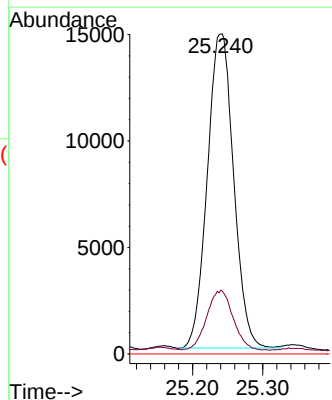
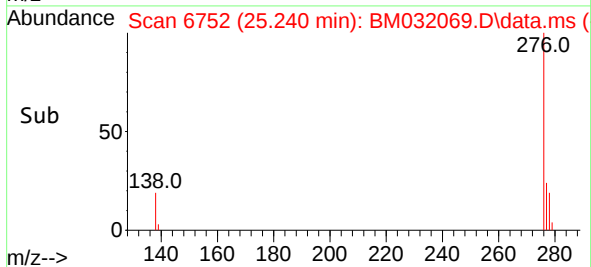
Tgt Ion:252 Resp: 36330
Ion Ratio Lower Upper
252 100
253 25.0 28.8 43.2#
125 12.6 13.9 20.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.216 ng/ul
RT: 25.240 min Scan# 6752
Delta R.T. -0.031 min
Lab File: BM032069.D
Acq: 04 Sep 2021 09:52



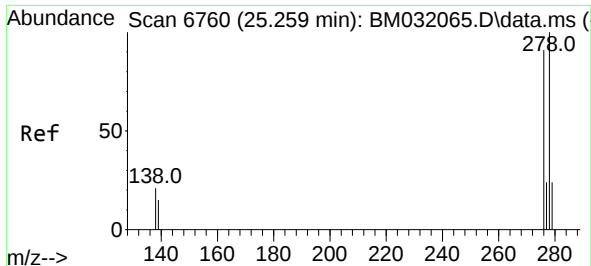
Tgt Ion:276 Resp: 38529
Ion Ratio Lower Upper
276 100
138 19.2 14.1 21.1
227 0.0 0.0 0.0



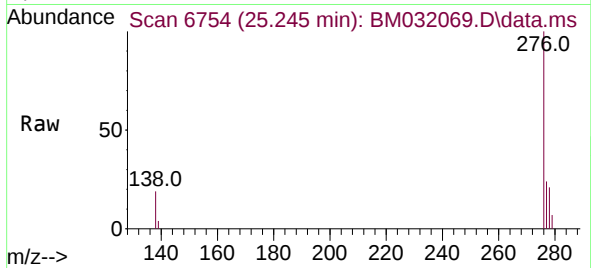
Instrument :
BNA_M
ClientSampled :
C0B19

Manual Integrations
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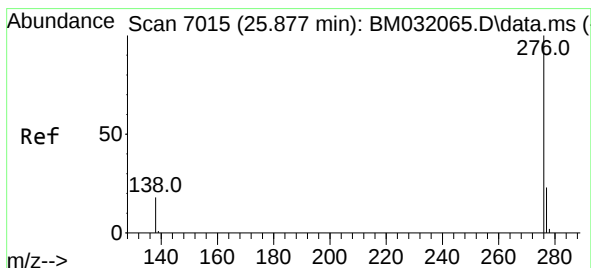
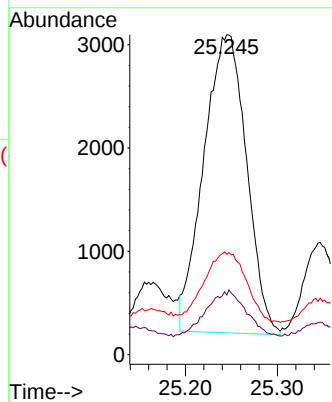
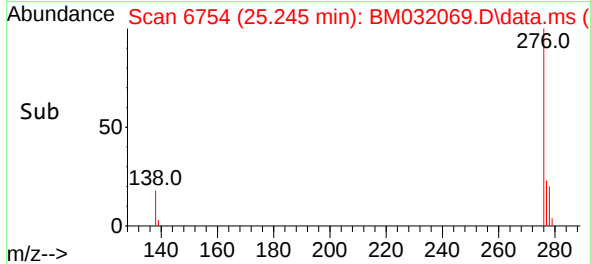
mohammad
9/7/2021 11:38:23 AM



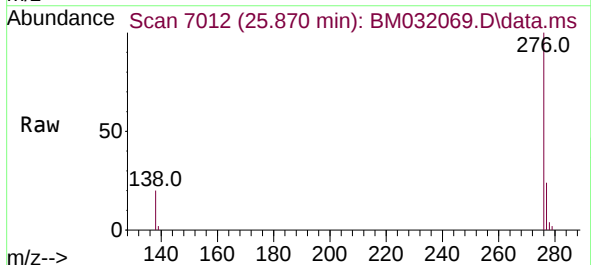
#28
Dibenzo(a,h)anthracene
Concen: 0.366 ng/ul
RT: 25.245 min Scan# 6754
Delta R.T. -0.041 min
Lab File: BM032069.D
Acq: 04 Sep 2021 09:52



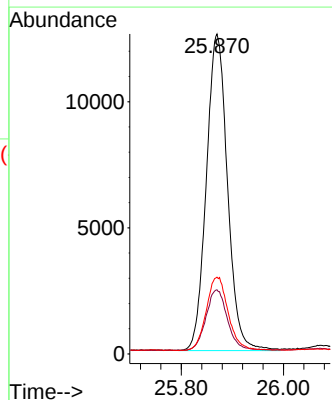
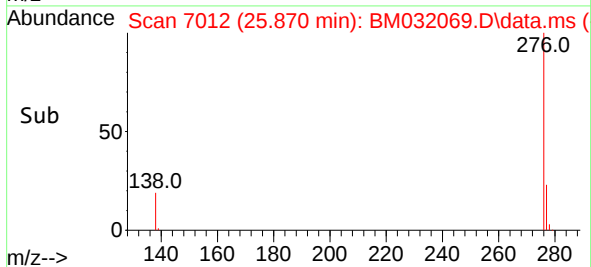
Tgt Ion: 278 Resp: 9336
Ion Ratio Lower Upper
278 100
139 18.6 13.4 20.0
279 31.4 27.2 40.8



#29
Benzo(g,h,i)perylene
Concen: 1.279 ng/ul
RT: 25.870 min Scan# 7012
Delta R.T. -0.034 min
Lab File: BM032069.D
Acq: 04 Sep 2021 09:52



Tgt Ion: 276 Resp: 36066
Ion Ratio Lower Upper
276 100
138 20.1 14.5 21.7
277 24.0 21.2 31.8



Instrument :
BNA_M
ClientSampled :
C0B19

Manual Integrations
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