

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032050.D
 Acq On : 03 Sep 2021 21:37
 Operator : CG/JU
 Sample : M3486-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AW9

Manual Integrations
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mohammad
 9/7/2021 11:37:23 AM

Quant Time: Sep 04 00:53:43 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	7.455	152	1180	0.400	ng/ul	0.00
4) Naphthalene-d8	10.208	136	4071	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.098	164	2652	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.855	188	5012	0.400	ng/ul	-0.01
17) Chrysene-d12	21.062	240	4443	0.400	ng/ul	-0.01
23) Perylene-d12	23.173	264	4708	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	3587	2.768	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.809	152	1472	0.234	ng/ul	-0.01
18) Fluoranthene-d10	18.892	212	3192	0.245	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.257	128	13020	1.205	ng/ul	95
7) 2-Methylnaphthalene	11.885	142	9857	1.308	ng/ul	99
8) 1-Methylnaphthalene	12.106	142	7400	0.997	ng/ul	98
10) Acenaphthylene	13.819	152	6725	0.628	ng/ul	99
11) Acenaphthene	14.159	153	484	0.055	ng/ul#	90
12) Fluorene	15.156	166	1469	0.144	ng/ul#	92
14) Pentachlorophenol	16.532	266	57	0.043	ng/ul	97
15) Phenanthrene	16.897	178	35239	2.310	ng/ul	96
16) Anthracene	16.987	178	6978	0.521	ng/ul	99
19) Fluoranthene	18.923	202	72803	3.791	ng/ul	96
20) Pyrene	19.285	202	62291	3.147	ng/ul	97
21) Benzo(a)anthracene	21.045	228	36262	2.234	ng/ul	98
22) Chrysene	21.095	228	45226	2.426	ng/ul	98
24) Benzo(b)fluoranthene	22.550	252	79422m	3.669	ng/ul	
25) Benzo(k)fluoranthene	22.587	252	27546m	1.234	ng/ul	
26) Benzo(a)pyrene	23.081	252	44760	2.366	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.242	276	39991	1.552	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.247	278	12041	0.581	ng/ul	99
29) Benzo(g,h,i)perylene	25.872	276	5327	0.232	ng/ul#	90

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

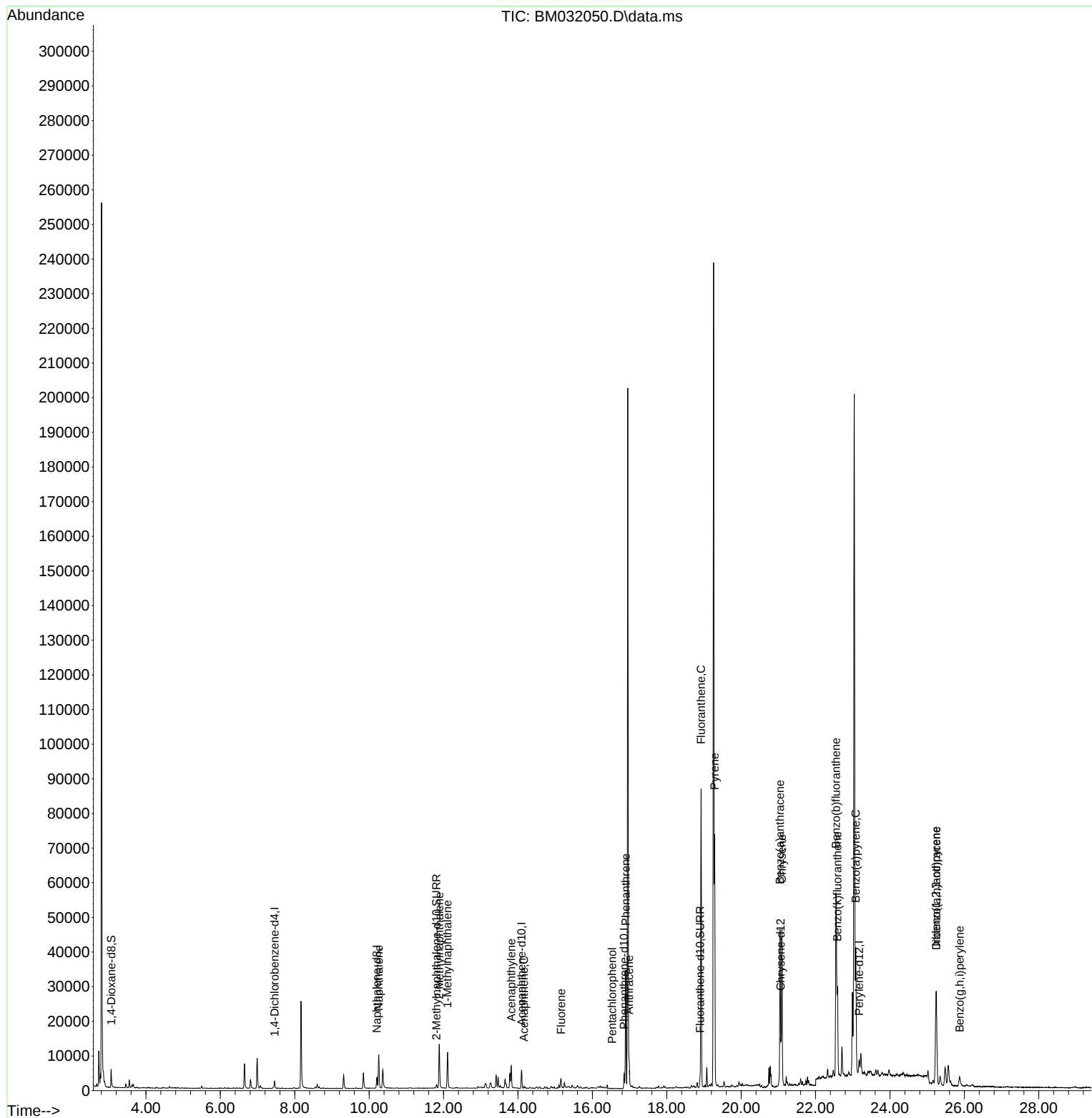
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
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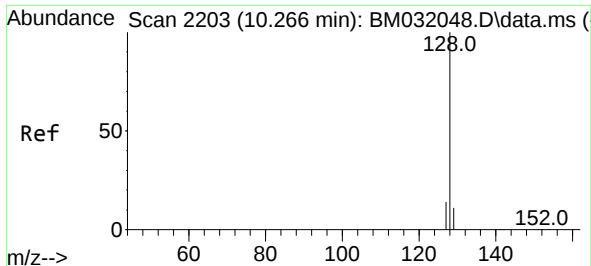
Instrument :
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ClientSampleId :
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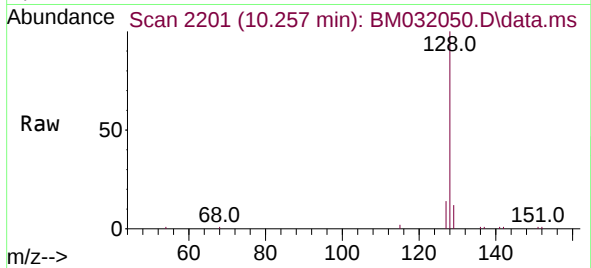
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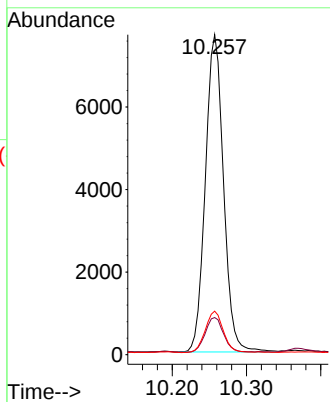
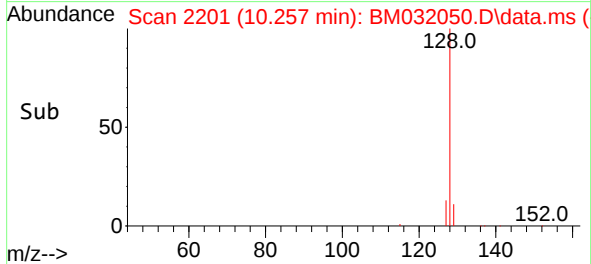




#5
Naphthalene
Concen: 1.205 ng/ul
RT: 10.257 min Scan# 2201
Delta R.T. -0.013 min
Lab File: BM032050.D
Acq: 03 Sep 2021 21:37



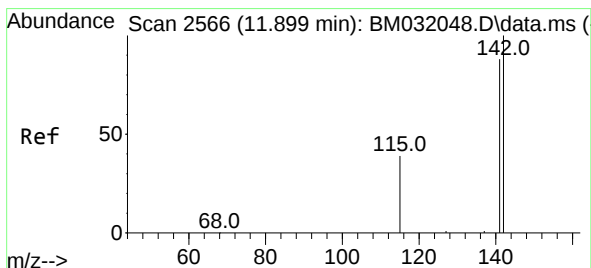
Tgt Ion:	128	Resp:	13020
Ion Ratio	Lower	Upper	
128	100		
129	11.6	10.9	16.3
127	13.6	12.4	18.6



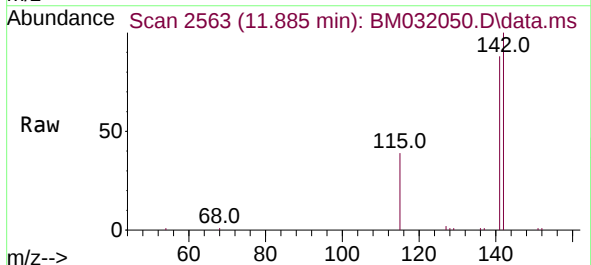
Instrument :
BNA_M
ClientSampleId :
C0AW9

Manual Integrations
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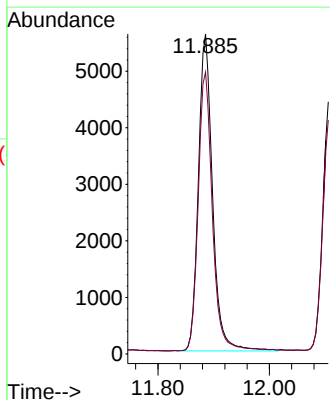
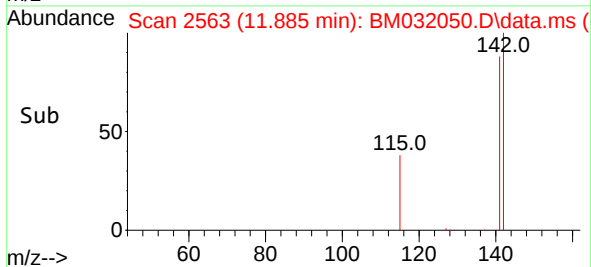
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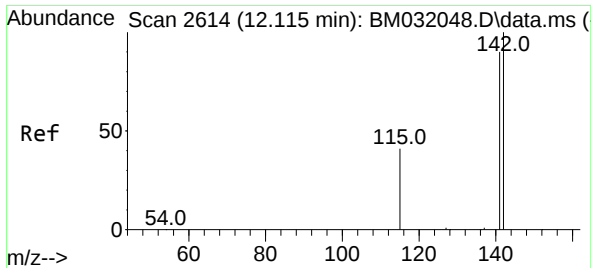


#7
2-Methylnaphthalene
Concen: 1.308 ng/ul
RT: 11.885 min Scan# 2563
Delta R.T. -0.013 min
Lab File: BM032050.D
Acq: 03 Sep 2021 21:37



Tgt Ion:	142	Resp:	9857
Ion Ratio	Lower	Upper	
142	100		
141	88.5	70.3	105.5





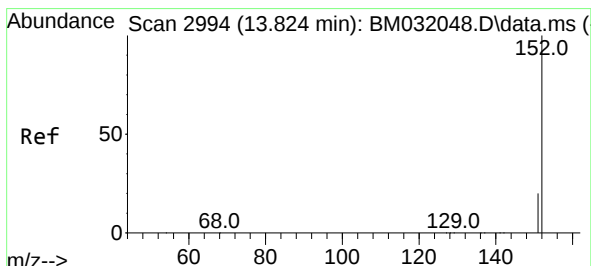
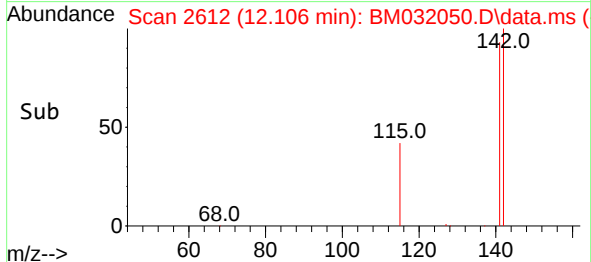
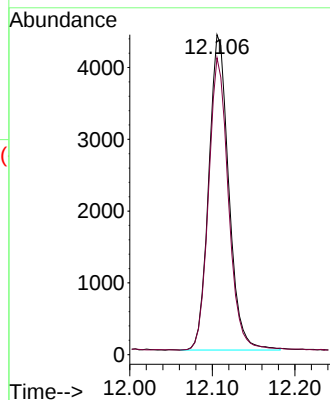
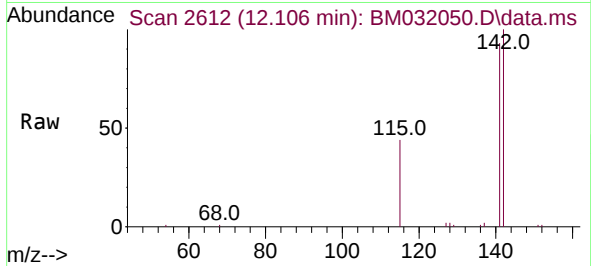
#8
1-Methylnaphthalene
Concen: 0.997 ng/ul
RT: 12.106 min Scan# 2612
Delta R.T. -0.009 min
Lab File: BM032050.D
Acq: 03 Sep 2021 21:37

Tgt Ion:142 Resp: 7400
Ion Ratio Lower Upper
142 100
141 91.7 72.2 108.2

Instrument :
BNA_M
ClientSampled :
C0AW9

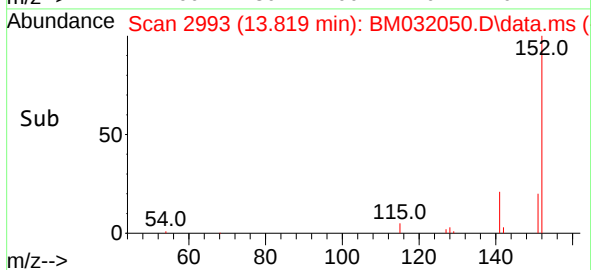
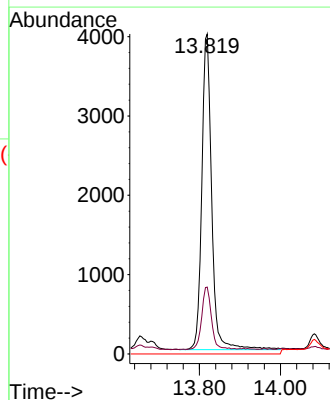
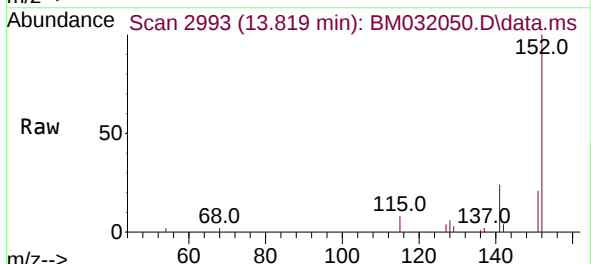
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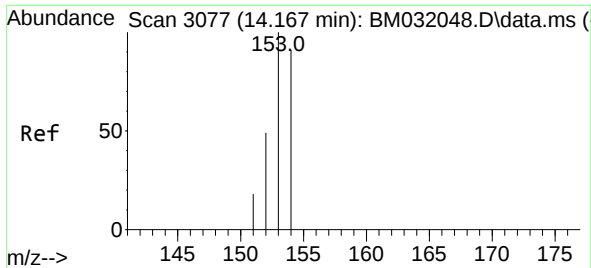
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#10
Acenaphthylene
Concen: 0.628 ng/ul
RT: 13.819 min Scan# 2993
Delta R.T. -0.005 min
Lab File: BM032050.D
Acq: 03 Sep 2021 21:37

Tgt Ion:152 Resp: 6725
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.4
153 0.0 0.0 0.0





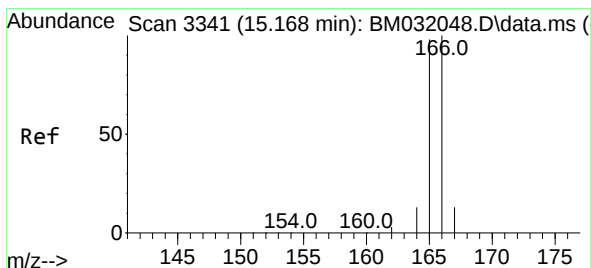
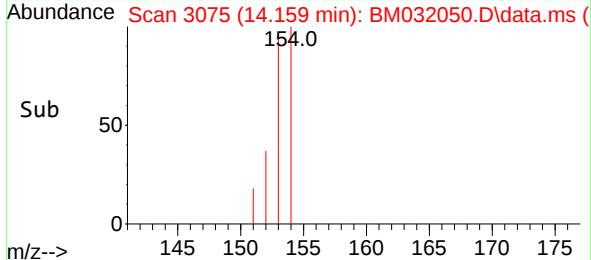
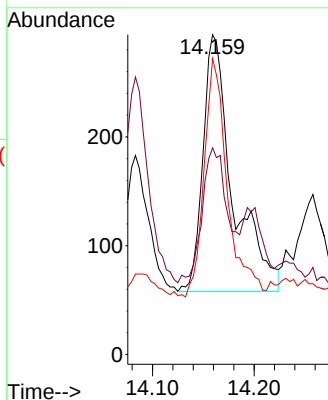
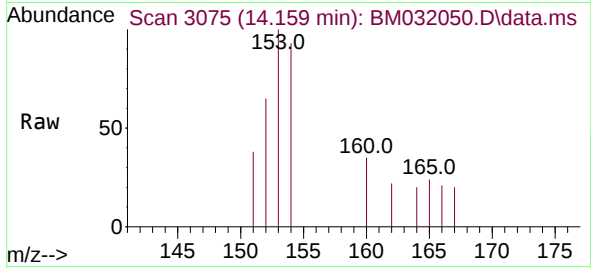
#11
Acenaphthene
Concen: 0.055 ng/ul
RT: 14.159 min Scan# 3075
Delta R.T. -0.008 min
Lab File: BM032050.D
Acq: 03 Sep 2021 21:37

Tgt Ion	Ratio	Lower	Upper
153	100		
152	64.6	41.0	61.4#
154	92.5	70.5	105.7

Instrument :
BNA_M
ClientSampleId :
C0AW9

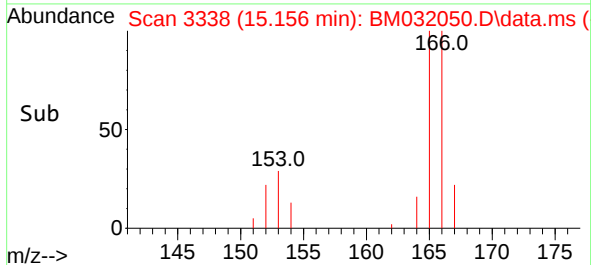
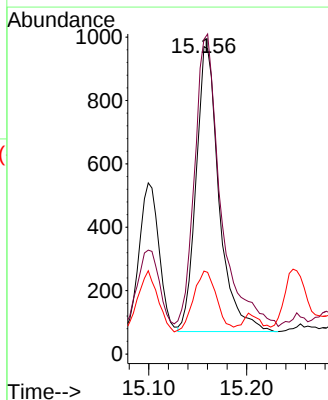
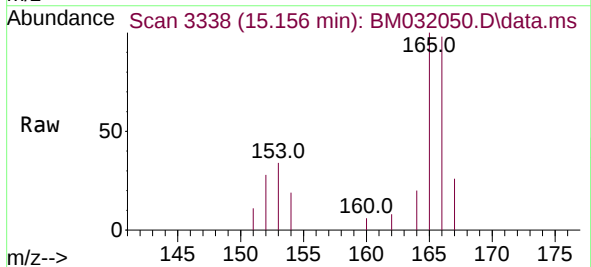
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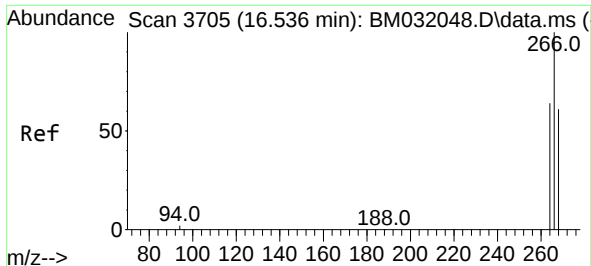
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#12
Fluorene
Concen: 0.144 ng/ul
RT: 15.156 min Scan# 3338
Delta R.T. -0.015 min
Lab File: BM032050.D
Acq: 03 Sep 2021 21:37

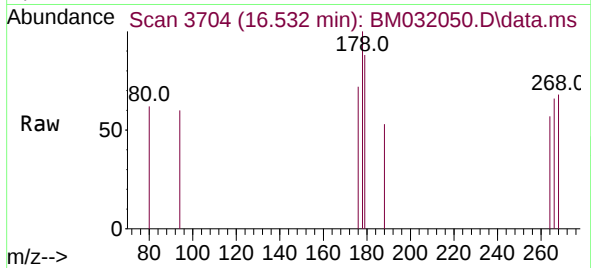
Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.4	78.3	117.5
167	27.0	12.5	18.7#





#14
 Pentachlorophenol
 Concen: 0.043 ng/ul
 RT: 16.532 min Scan# 3704
 Delta R.T. -0.007 min
 Lab File: BM032050.D
 Acq: 03 Sep 2021 21:37

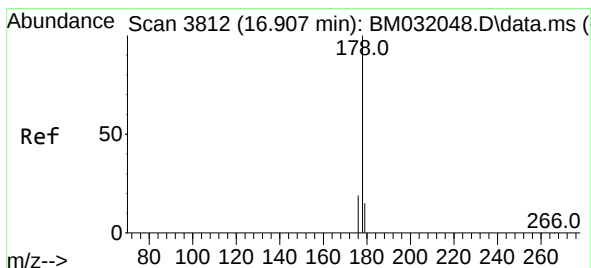
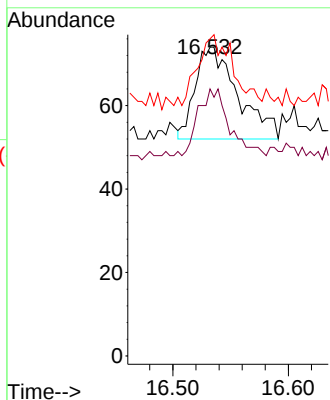
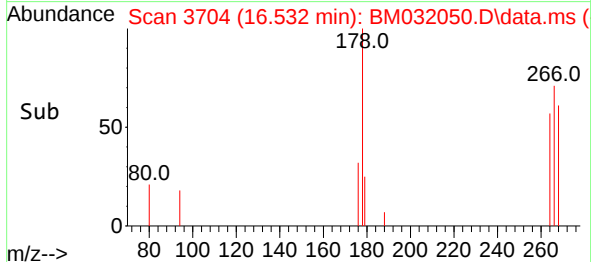
Instrument :
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 ClientSampled :
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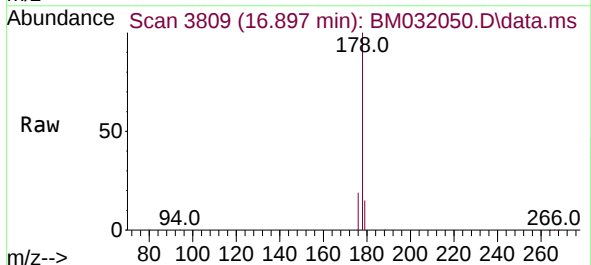
Tgt Ion:266 Resp: 57
 Ion Ratio Lower Upper
 266 100
 264 52.6 44.3 66.5
 268 63.2 49.4 74.2

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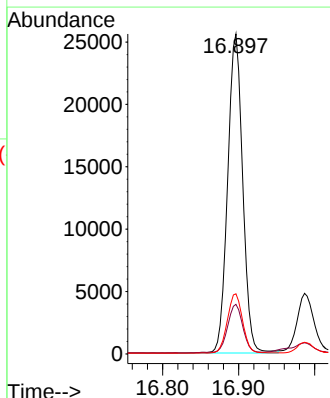
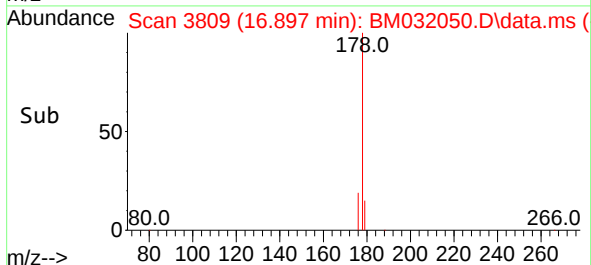
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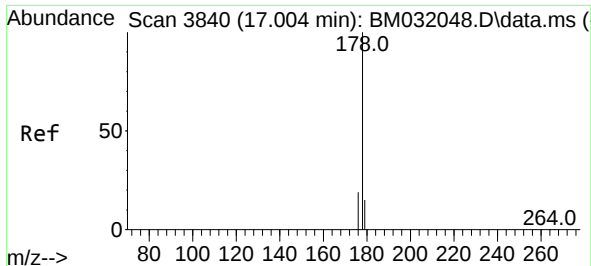


#15
 Phenanthrene
 Concen: 2.310 ng/ul
 RT: 16.897 min Scan# 3809
 Delta R.T. -0.010 min
 Lab File: BM032050.D
 Acq: 03 Sep 2021 21:37



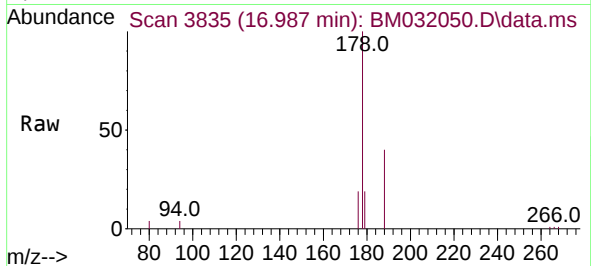
Tgt Ion:178 Resp: 35239
 Ion Ratio Lower Upper
 178 100
 179 15.5 13.3 19.9
 176 18.8 16.7 25.1





#16
 Anthracene
 Concen: 0.521 ng/ul
 RT: 16.987 min Scan# 3835
 Delta R.T. -0.021 min
 Lab File: BM032050.D
 Acq: 03 Sep 2021 21:37

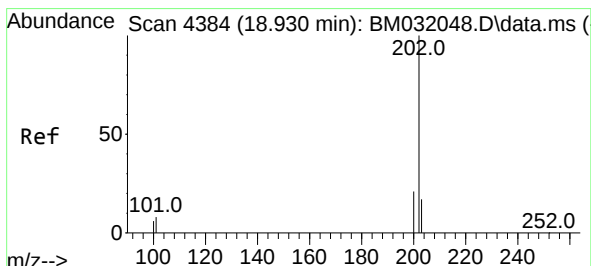
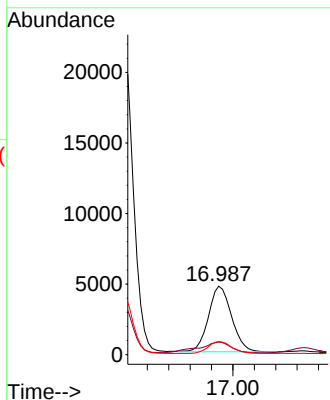
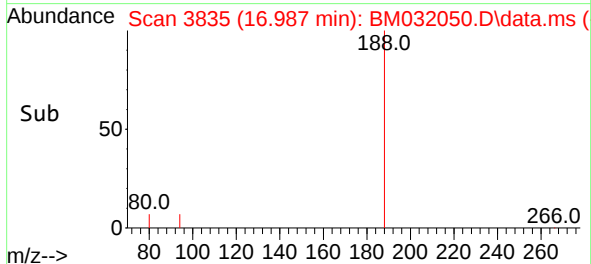
Instrument :
 BNA_M
 ClientSampled :
 C0AW9



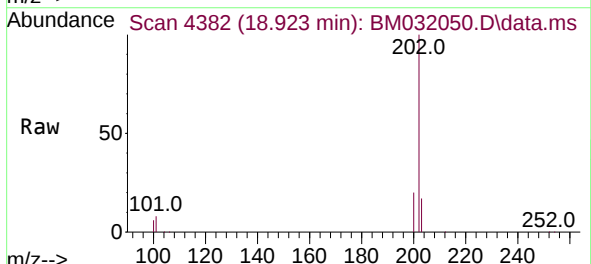
Tgt Ion:178 Resp: 6978
 Ion Ratio Lower Upper
 178 100
 179 18.5 14.3 21.5
 176 19.4 15.8 23.8

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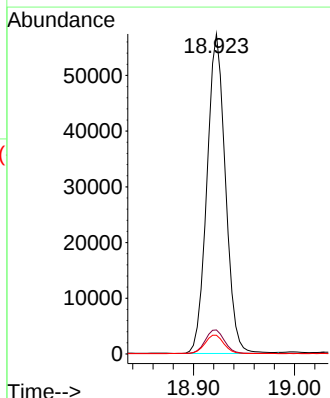
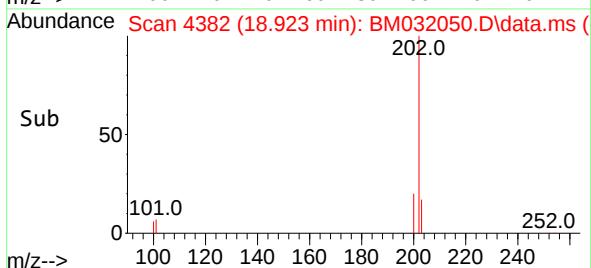
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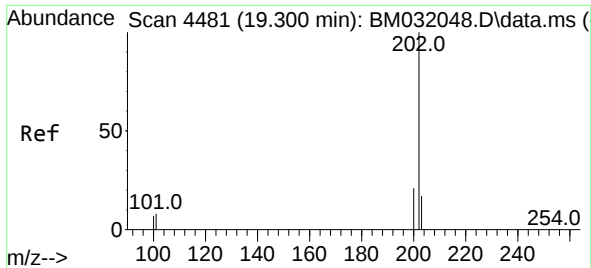


#19
 Fluoranthene
 Concen: 3.791 ng/ul
 RT: 18.923 min Scan# 4382
 Delta R.T. -0.011 min
 Lab File: BM032050.D
 Acq: 03 Sep 2021 21:37



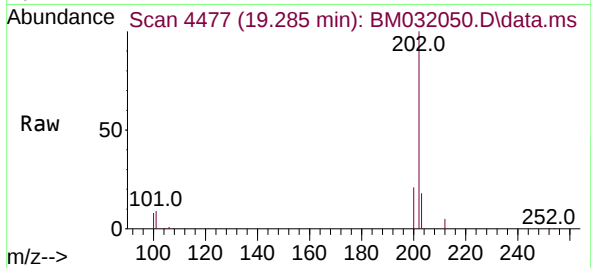
Tgt Ion:202 Resp: 72803
 Ion Ratio Lower Upper
 202 100
 101 7.5 7.2 10.8
 100 5.8 5.8 8.6





#20
Pyrene
Concen: 3.147 ng/ul
RT: 19.285 min Scan# 4477
Delta R.T. -0.015 min
Lab File: BM032050.D
Acq: 03 Sep 2021 21:37

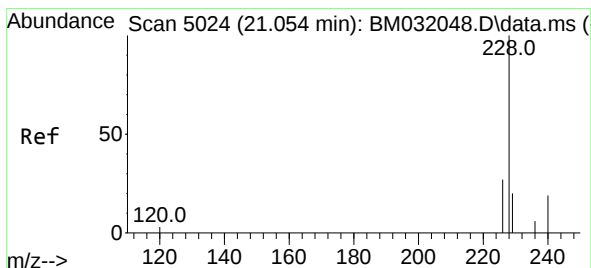
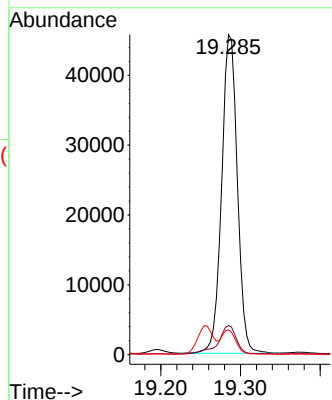
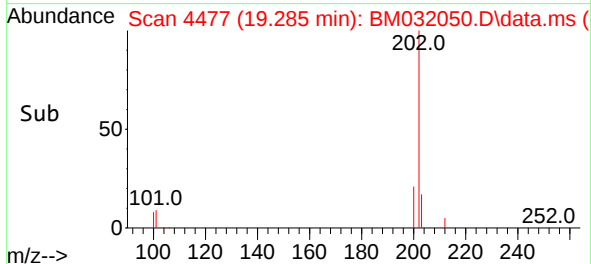
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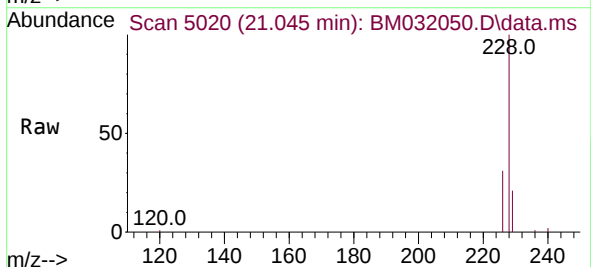
Tgt Ion:202 Resp: 62291
Ion Ratio Lower Upper
202 100
101 9.1 8.2 12.4
100 7.7 7.0 10.6

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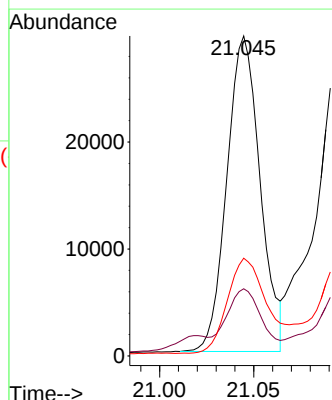
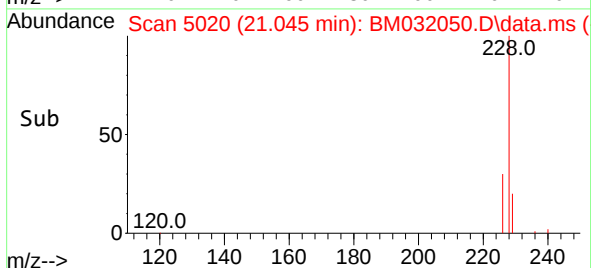
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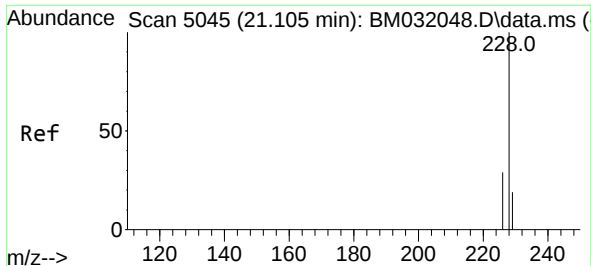


#21
Benzo(a)anthracene
Concen: 2.234 ng/ul
RT: 21.045 min Scan# 5020
Delta R.T. -0.014 min
Lab File: BM032050.D
Acq: 03 Sep 2021 21:37

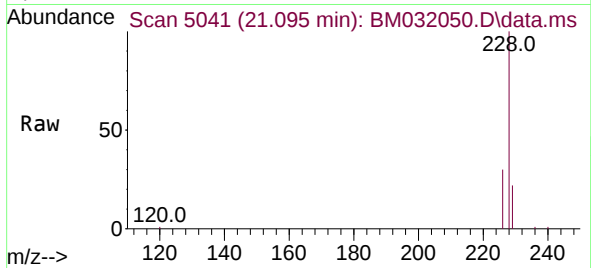


Tgt Ion:228 Resp: 36262
Ion Ratio Lower Upper
228 100
229 21.0 17.1 25.7
226 30.5 23.1 34.7

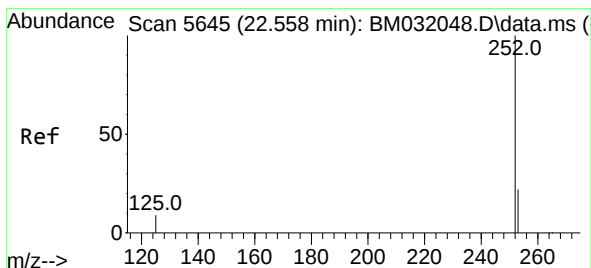
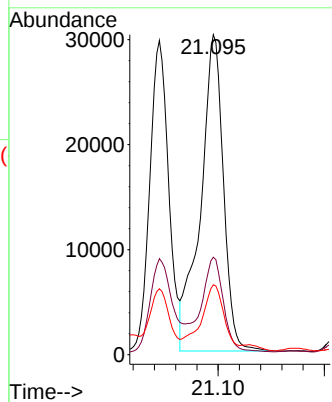
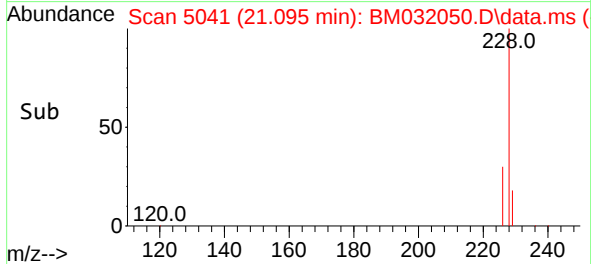




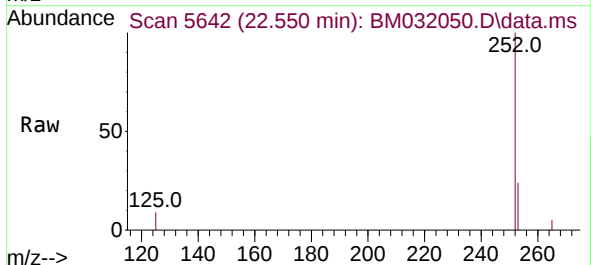
#22
Chrysene
Concen: 2.426 ng/ul
RT: 21.095 min Scan# 5041
Delta R.T. -0.014 min
Lab File: BM032050.D
Acq: 03 Sep 2021 21:37



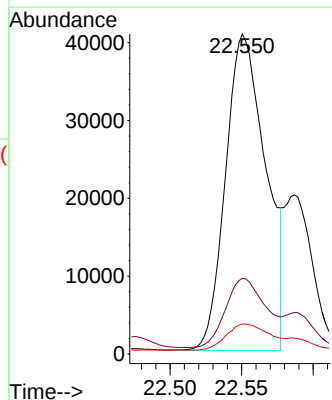
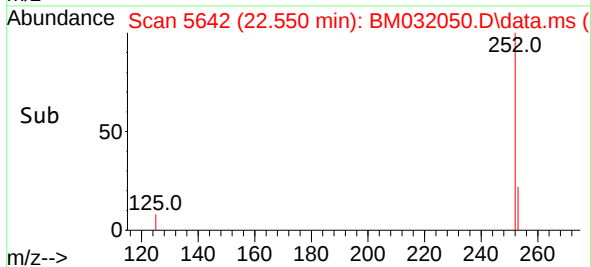
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Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 21.8 16.3 24.5



#24
Benzo(b)fluoranthene
Concen: 3.669 ng/ul m
RT: 22.550 min Scan# 5642
Delta R.T. -0.014 min
Lab File: BM032050.D
Acq: 03 Sep 2021 21:37



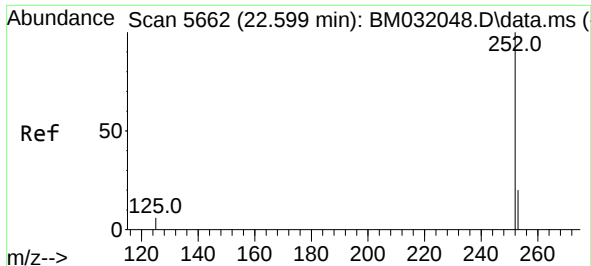
Tgt Ion:252 Resp: 79422
Ion Ratio Lower Upper
252 100
253 23.7 0.0 61.0
125 9.4 0.0 28.4



Instrument :
BNA_M
ClientSampled :
C0AW9

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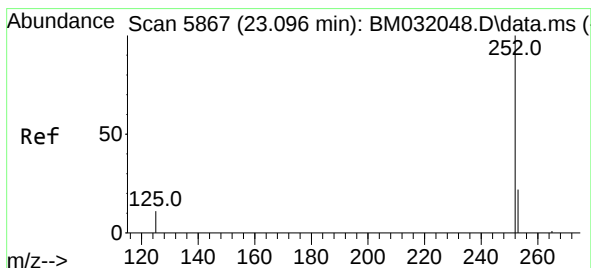
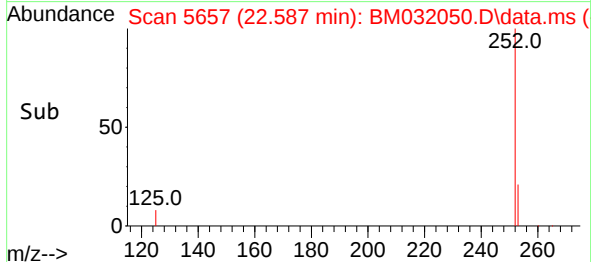
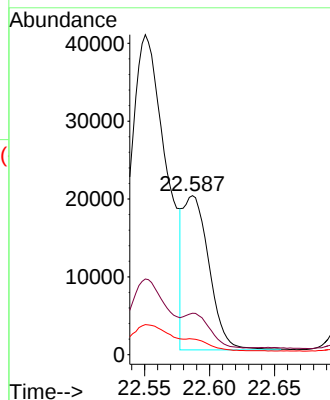
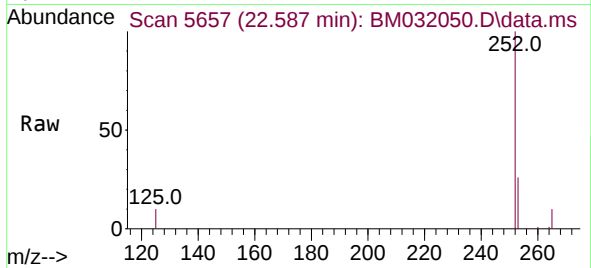
#25
Benzo(k)fluoranthene
Concen: 1.234 ng/ul m
RT: 22.587 min Scan# 5657
Delta R.T. -0.022 min
Lab File: BM032050.D
Acq: 03 Sep 2021 21:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	25.2	37.8
125	9.9	11.0	16.4#

Instrument :
BNA_M
ClientSampleId :
C0AW9

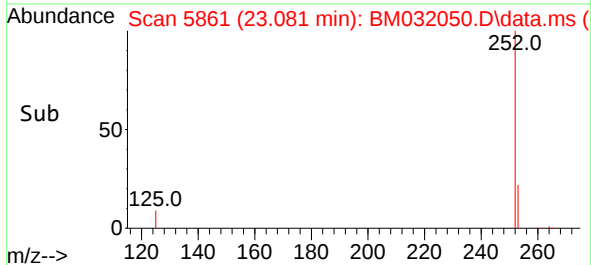
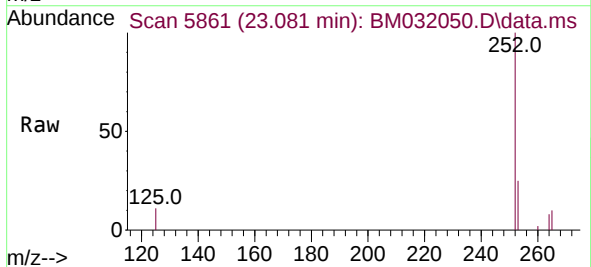
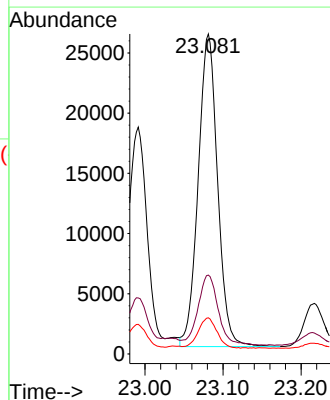
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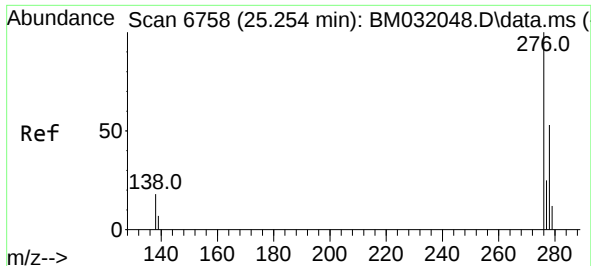
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#26
Benzo(a)pyrene
Concen: 2.366 ng/ul
RT: 23.081 min Scan# 5861
Delta R.T. -0.024 min
Lab File: BM032050.D
Acq: 03 Sep 2021 21:37

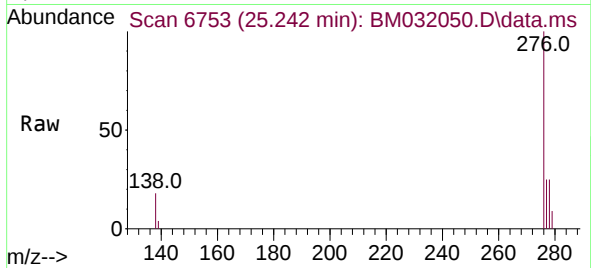
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	28.8	43.2#
125	11.3	13.9	20.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.552 ng/ul
RT: 25.242 min Scan# 6753
Delta R.T. -0.029 min
Lab File: BM032050.D
Acq: 03 Sep 2021 21:37

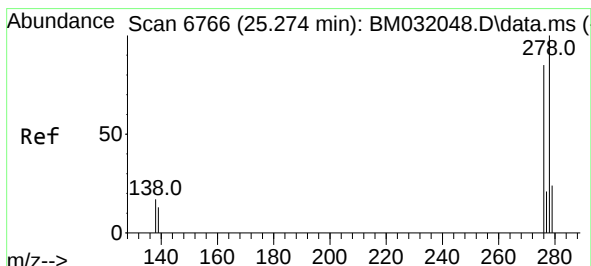
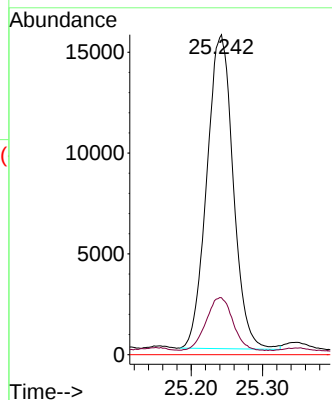
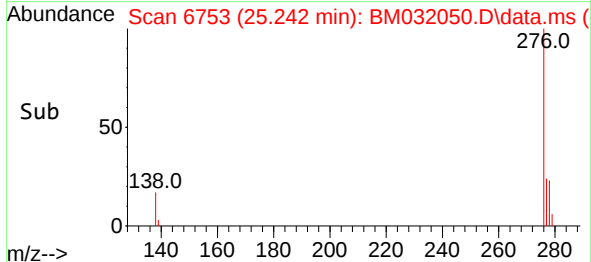
Instrument :
BNA_M
ClientSampled :
C0AW9



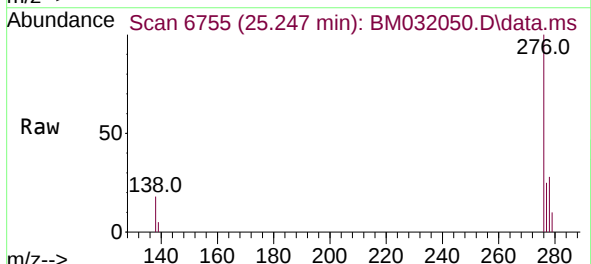
Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.5	14.1	21.1
227	0.0	0.0	0.0

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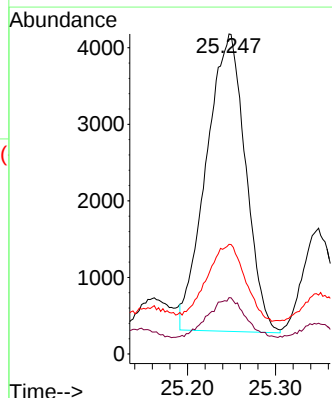
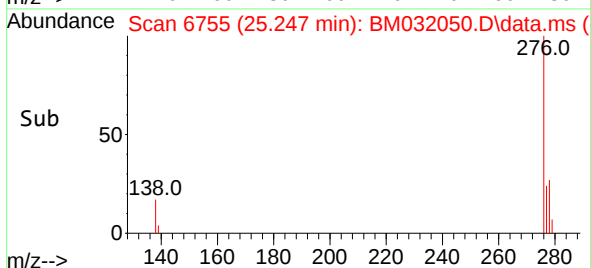
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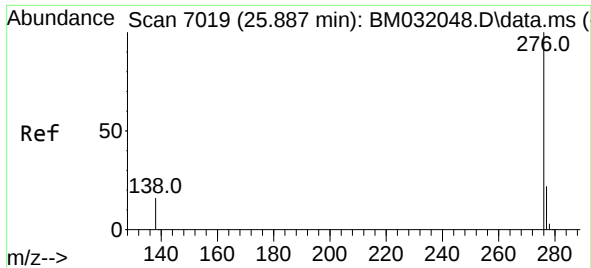


#28
Dibenzo(a,h)anthracene
Concen: 0.581 ng/ul
RT: 25.247 min Scan# 6755
Delta R.T. -0.039 min
Lab File: BM032050.D
Acq: 03 Sep 2021 21:37



Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.4	20.0
279	34.3	27.2	40.8





#29
Benzo(g,h,i)perylene
Concen: 0.232 ng/ul
RT: 25.872 min Scan# 7013
Delta R.T. -0.031 min
Lab File: BM032050.D
Acq: 03 Sep 2021 21:37

Tgt Ion:	276	Resp:	5327
Ion Ratio	Lower	Upper	
276	100		
138	23.6	14.5	21.7#
277	30.8	21.2	31.8

Instrument :
BNA_M
ClientSampleId :
C0AW9

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