

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032071.D
 Acq On : 04 Sep 2021 11:05
 Operator : CG/JU
 Sample : M3486-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B30

Manual Integrations
 APPROVED

mohammad
 9/7/2021 11:38:28 AM

Quant Time: Sep 06 11:42:54 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	1700	0.400	ng/ul	0.00
4) Naphthalene-d8	10.203	136	5789	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.095	164	3642	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.852	188	7040	0.400	ng/ul	-0.01
17) Chrysene-d12	21.059	240	7031	0.400	ng/ul	#-0.01
23) Perylene-d12	23.171	264	8038	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	2973	1.592	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.800	152	1696	0.189	ng/ul	-0.02
18) Fluoranthene-d10	18.889	212	4198	0.204	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	41630	2.710	ng/ul	94
7) 2-Methylnaphthalene	11.876	142	36070	3.366	ng/ul	99
8) 1-Methylnaphthalene	12.101	142	27978	2.651	ng/ul	98
10) Acenaphthylene	13.815	152	44783	3.046	ng/ul	97
11) Acenaphthene	14.155	153	2254	0.187	ng/ul	92
12) Fluorene	15.156	166	6401	0.457	ng/ul#	90
14) Pentachlorophenol	16.522	266	75	0.040	ng/ul#	81
15) Phenanthrene	16.893	178	120500	5.624	ng/ul	97
16) Anthracene	16.983	178	35259	1.876	ng/ul	96
19) Fluoranthene	18.919	202	269236	8.860	ng/ul	99
20) Pyrene	19.285	202	313399	10.006	ng/ul	99
21) Benzo(a)anthracene	21.042	228	187247	7.290	ng/ul	98
22) Chrysene	21.093	228	210406	7.132	ng/ul	100
24) Benzo(b)fluoranthene	22.548	252	266778m	7.219	ng/ul	
25) Benzo(k)fluoranthene	22.587	252	96223m	2.524	ng/ul	
26) Benzo(a)pyrene	23.079	252	187773	5.815	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.240	276	137778	3.132	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.242	278	40099	1.134	ng/ul#	90
29) Benzo(g,h,i)perylene	25.867	276	124712	3.186	ng/ul	95

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

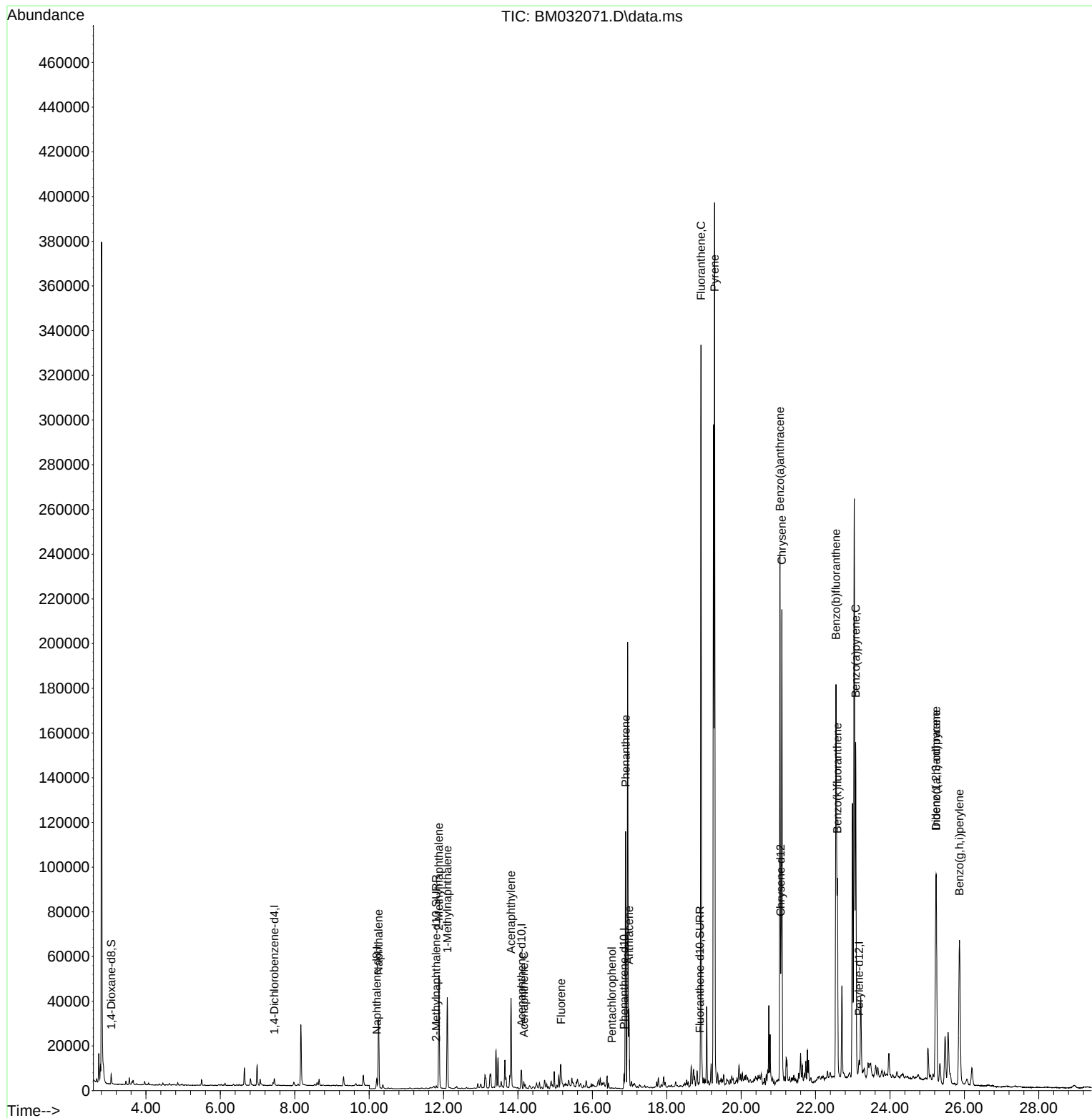
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
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Operator : CG/JU
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ALS Vial : 29 Sample Multiplier: 1

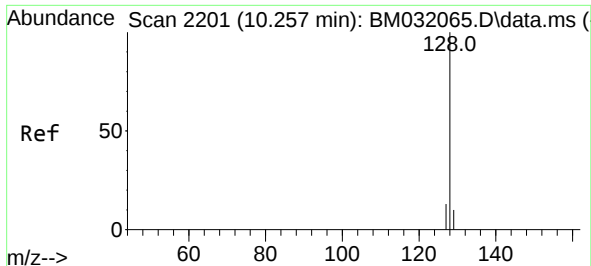
Instrument :
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ClientSampleId :
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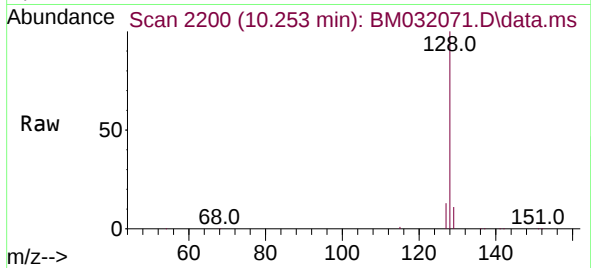
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 16:21:27 2021
Response via : Initial Calibration

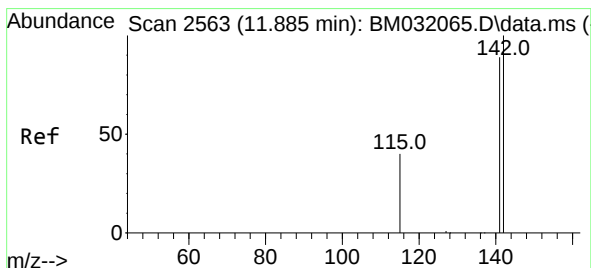
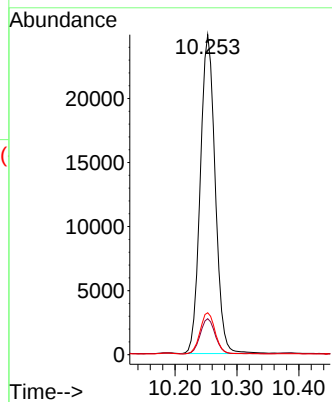
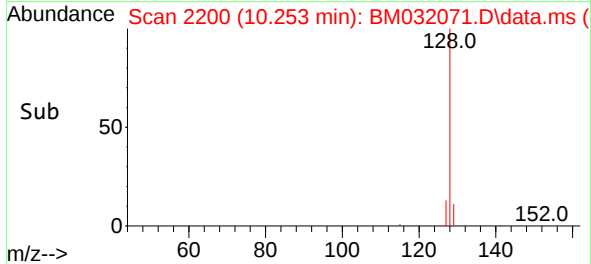




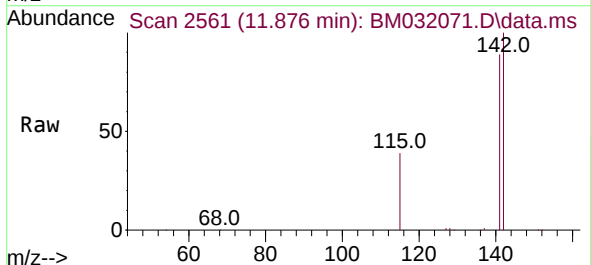
#5
Naphthalene
Concen: 2.710 ng/ul
RT: 10.253 min Scan# 2200
Delta R.T. -0.018 min
Lab File: BM032071.D
Acq: 04 Sep 2021 11:05



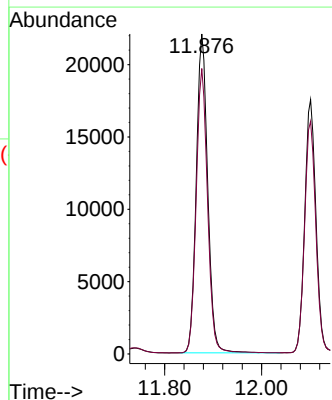
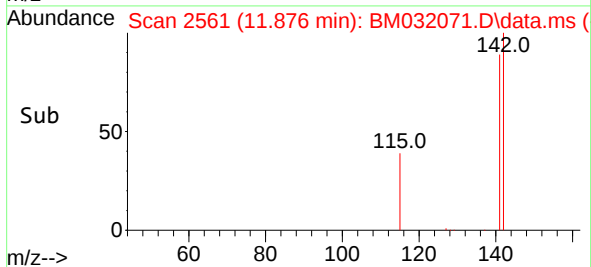
Tgt Ion:	128	Resp:	41630
Ion Ratio	Lower	Upper	
128	100		
129	11.2	10.9	16.3
127	13.1	12.4	18.6



#7
2-Methylnaphthalene
Concen: 3.366 ng/ul
RT: 11.876 min Scan# 2561
Delta R.T. -0.022 min
Lab File: BM032071.D
Acq: 04 Sep 2021 11:05



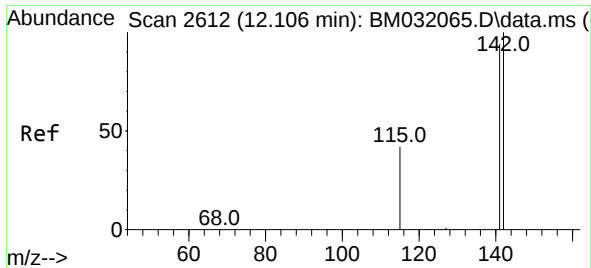
Tgt Ion:	142	Resp:	36070
Ion Ratio	Lower	Upper	
142	100		
141	88.9	70.3	105.5



Instrument :
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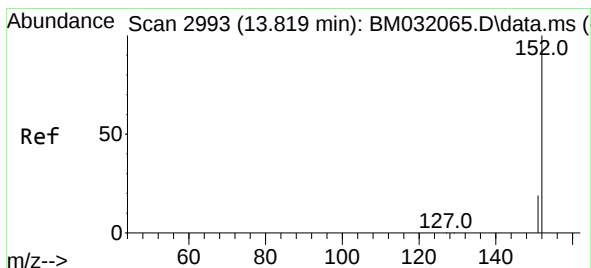
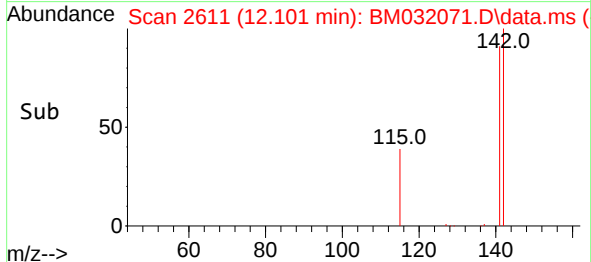
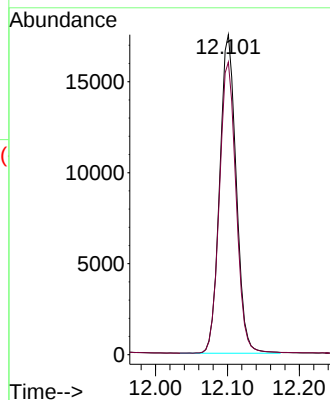
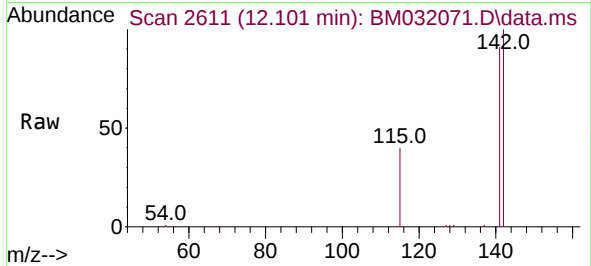
#8
1-Methylnaphthalene
Concen: 2.651 ng/ul
RT: 12.101 min Scan# 2611
Delta R.T. -0.013 min
Lab File: BM032071.D
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Tgt Ion:142 Resp: 27978
Ion Ratio Lower Upper
142 100
141 92.3 72.2 108.2

Instrument :
BNA_M
ClientSampleId :
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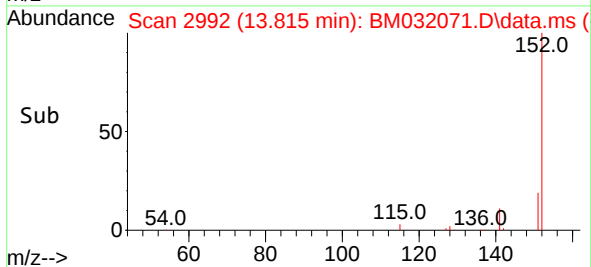
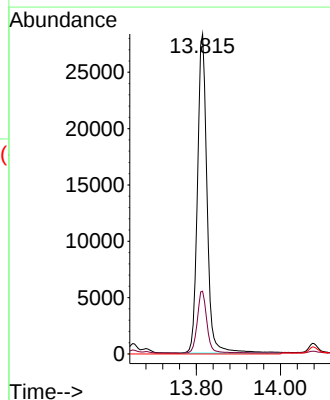
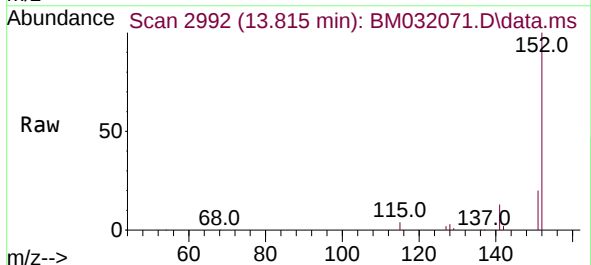
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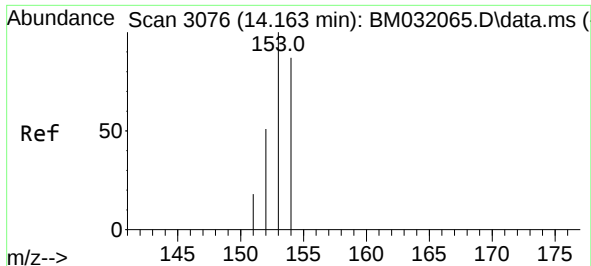
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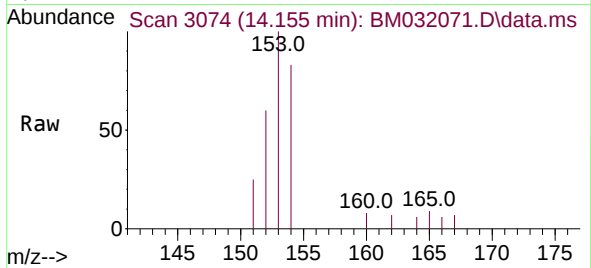
#10
Acenaphthylene
Concen: 3.046 ng/ul
RT: 13.815 min Scan# 2992
Delta R.T. -0.009 min
Lab File: BM032071.D
Acq: 04 Sep 2021 11:05

Tgt Ion:152 Resp: 44783
Ion Ratio Lower Upper
152 100
151 19.6 17.0 25.4
153 0.0 0.0 0.0

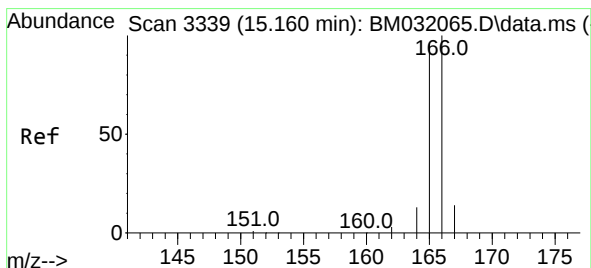
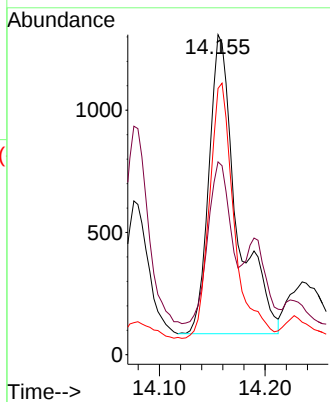
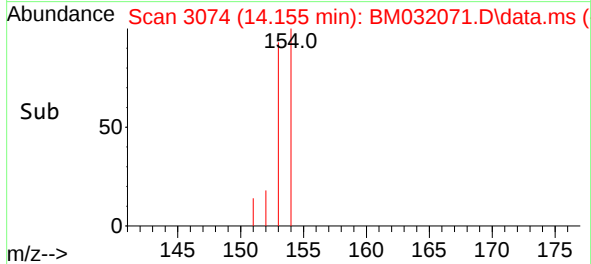




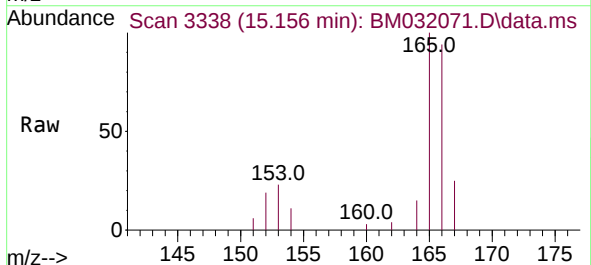
#11
Acenaphthene
Concen: 0.187 ng/ul
RT: 14.155 min Scan# 3074
Delta R.T. -0.012 min
Lab File: BM032071.D
Acq: 04 Sep 2021 11:05



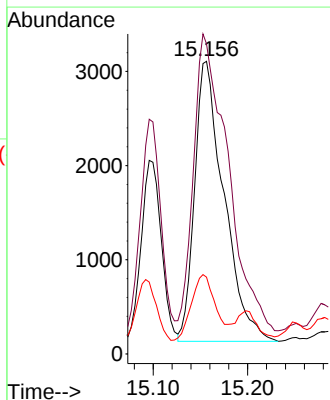
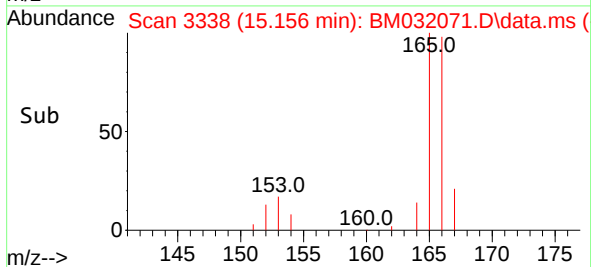
Tgt Ion:153 Resp: 2254
Ion Ratio Lower Upper
153 100
152 60.3 41.0 61.4
154 83.2 70.5 105.7



#12
Fluorene
Concen: 0.457 ng/ul
RT: 15.156 min Scan# 3338
Delta R.T. -0.015 min
Lab File: BM032071.D
Acq: 04 Sep 2021 11:05



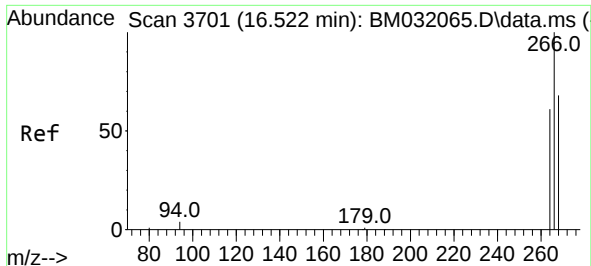
Tgt Ion:166 Resp: 6401
Ion Ratio Lower Upper
166 100
165 105.9 78.3 117.5
167 26.3 12.5 18.7#



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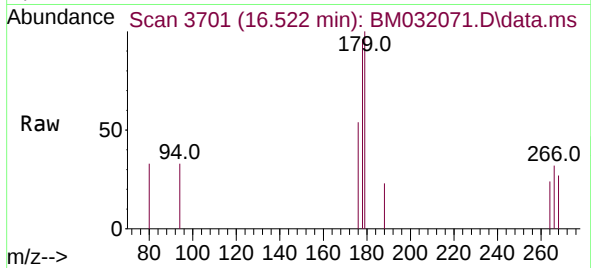
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#14
Pentachlorophenol
Concen: 0.040 ng/ul
RT: 16.522 min Scan# 3701
Delta R.T. -0.017 min
Lab File: BM032071.D
Acq: 04 Sep 2021 11:05

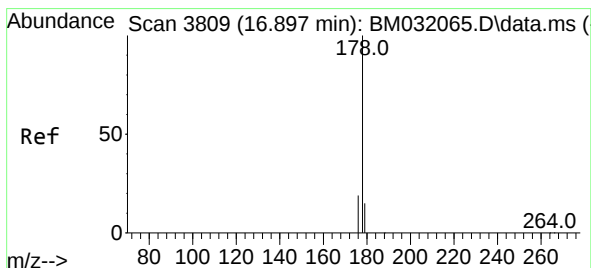
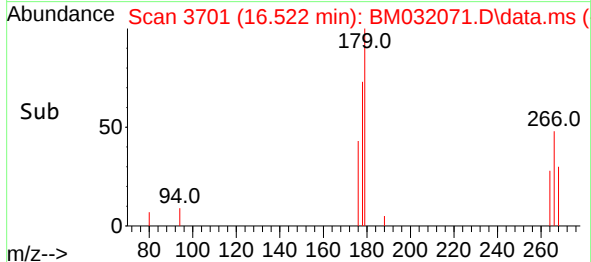
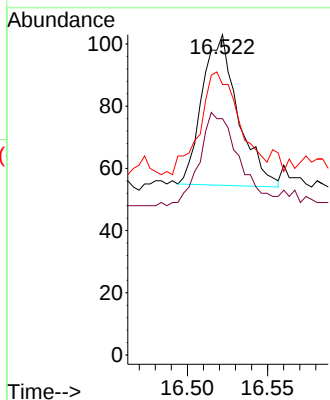
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ClientSampleId :
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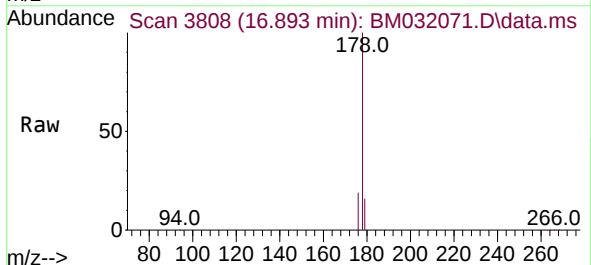
Tgt Ion:	266	Resp:	75
Ion Ratio	Lower	Upper	
266	100		
264	70.7	44.3	66.5#
268	74.7	49.4	74.2#

Manual Integrations
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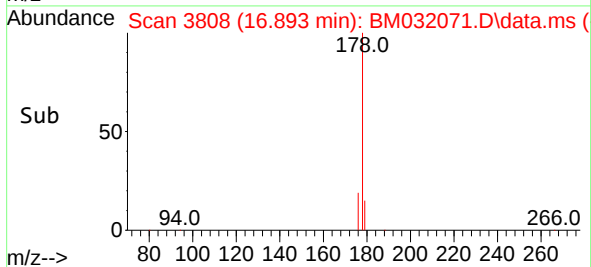
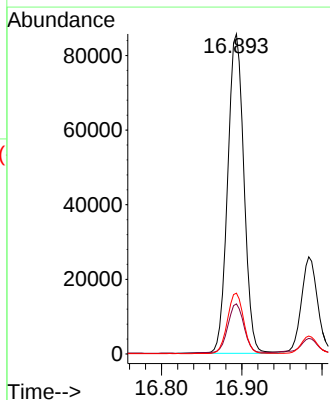
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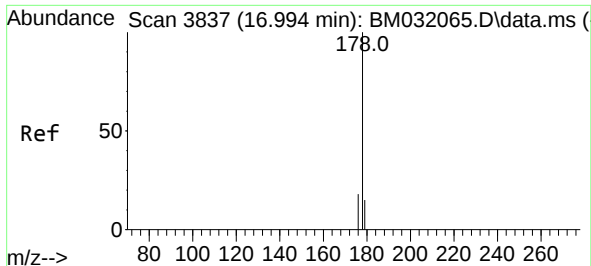


#15
Phenanthrene
Concen: 5.624 ng/ul
RT: 16.893 min Scan# 3808
Delta R.T. -0.014 min
Lab File: BM032071.D
Acq: 04 Sep 2021 11:05



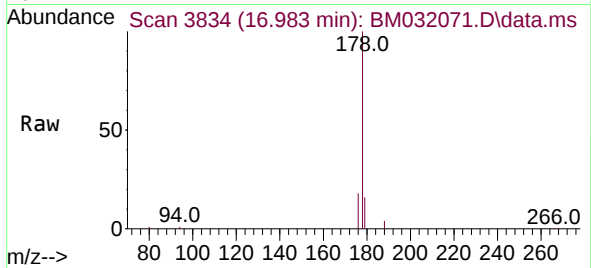
Tgt Ion:	178	Resp:	120500
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.3	19.9
176	19.0	16.7	25.1





#16
 Anthracene
 Concen: 1.876 ng/ul
 RT: 16.983 min Scan# 3834
 Delta R.T. -0.024 min
 Lab File: BM032071.D
 Acq: 04 Sep 2021 11:05

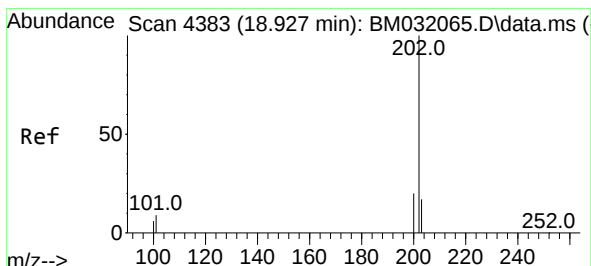
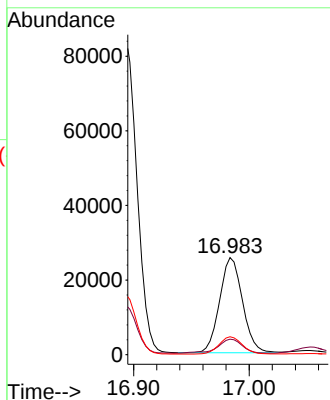
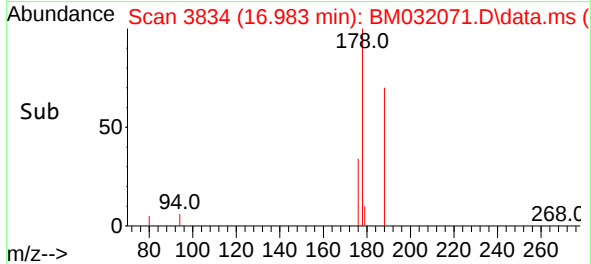
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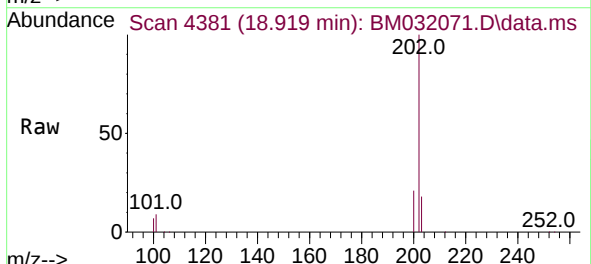
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 Ion Ratio Lower Upper
 178 100
 179 16.0 14.3 21.5
 176 18.5 15.8 23.8

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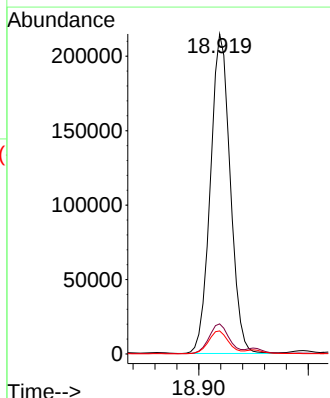
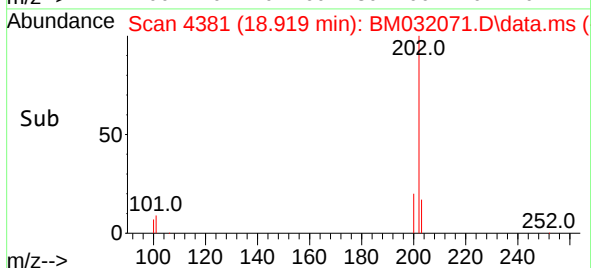
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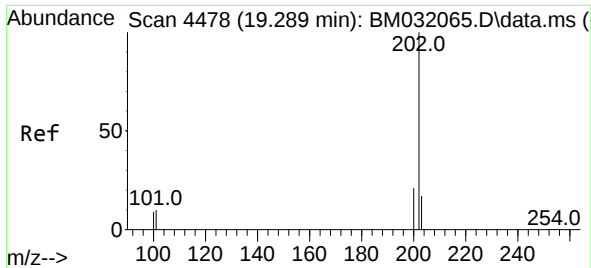


#19
 Fluoranthene
 Concen: 8.860 ng/ul
 RT: 18.919 min Scan# 4381
 Delta R.T. -0.015 min
 Lab File: BM032071.D
 Acq: 04 Sep 2021 11:05



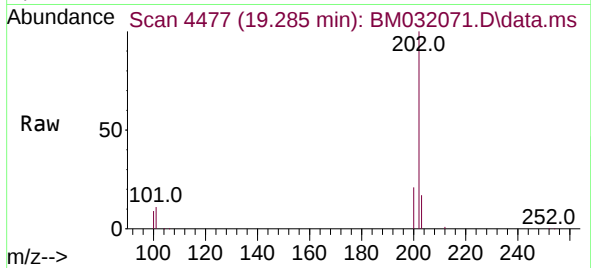
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 Ion Ratio Lower Upper
 202 100
 101 9.4 7.2 10.8
 100 7.2 5.8 8.6





#20
Pyrene
Concen: 10.006 ng/u1
RT: 19.285 min Scan# 4477
Delta R.T. -0.015 min
Lab File: BM032071.D
Acq: 04 Sep 2021 11:05

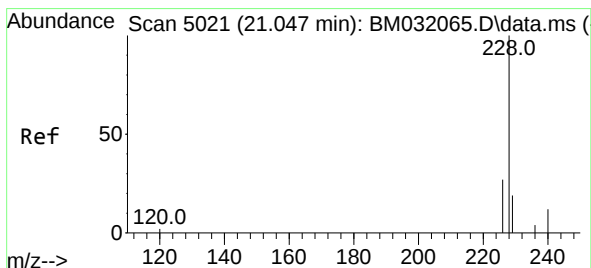
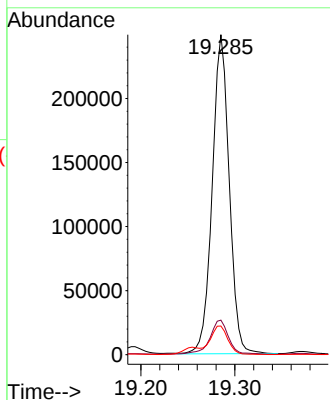
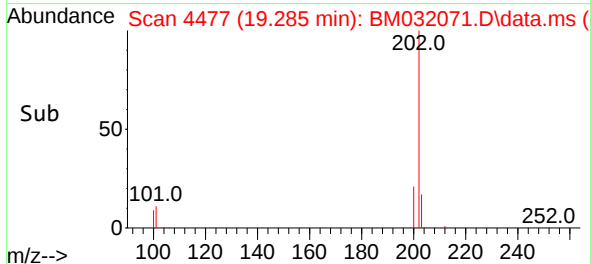
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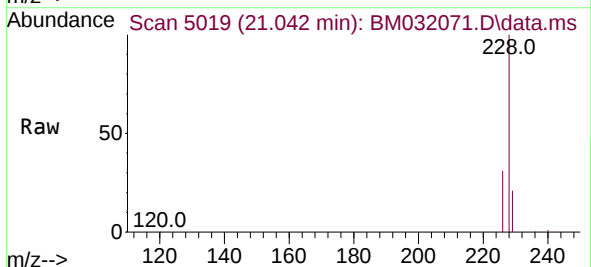
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Ion Ratio Lower Upper
202 100
101 10.8 8.2 12.4
100 8.9 7.0 10.6

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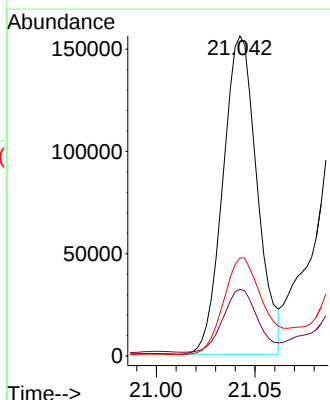
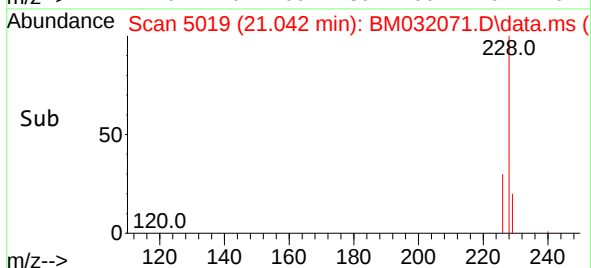
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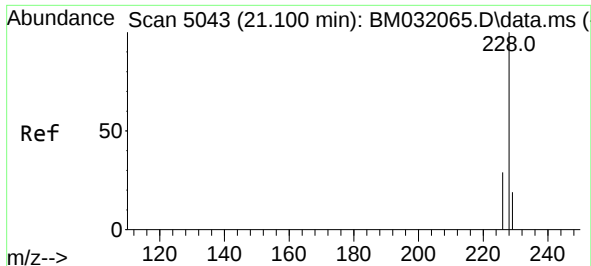


#21
Benzo(a)anthracene
Concen: 7.290 ng/u1
RT: 21.042 min Scan# 5019
Delta R.T. -0.017 min
Lab File: BM032071.D
Acq: 04 Sep 2021 11:05

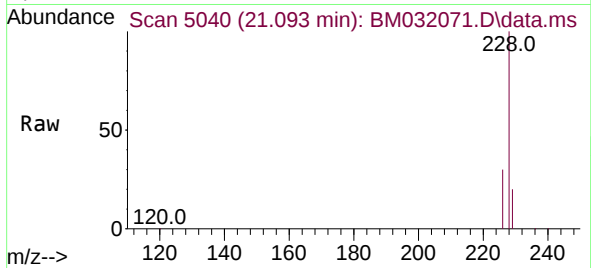


Tgt Ion:228 Resp: 187247
Ion Ratio Lower Upper
228 100
229 20.9 17.1 25.7
226 30.7 23.1 34.7

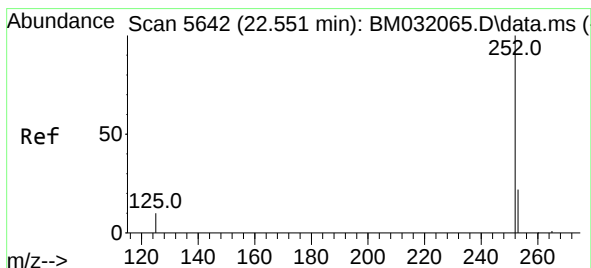
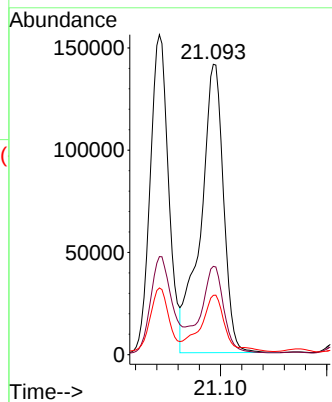
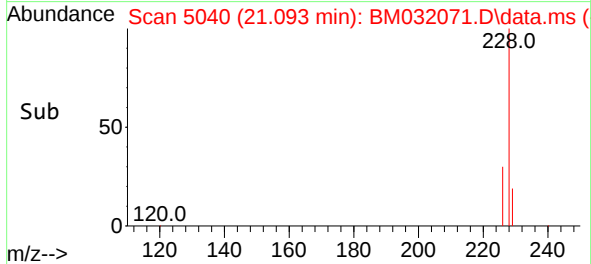




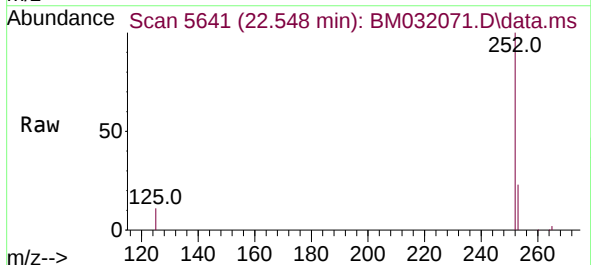
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Chrysene
Concen: 7.132 ng/ul
RT: 21.093 min Scan# 5040
Delta R.T. -0.017 min
Lab File: BM032071.D
Acq: 04 Sep 2021 11:05



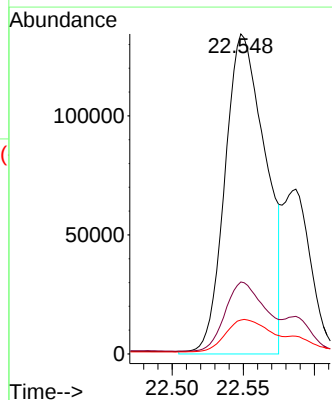
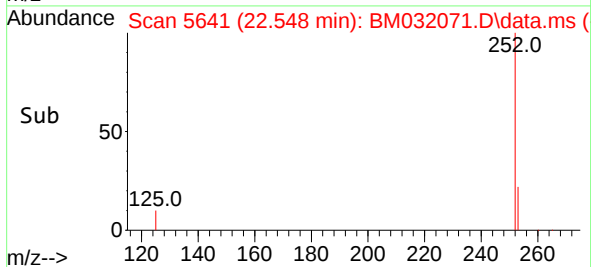
Tgt Ion:228 Resp: 210406
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 20.4 16.3 24.5



#24
Benzo(b)fluoranthene
Concen: 7.219 ng/ul m
RT: 22.548 min Scan# 5641
Delta R.T. -0.017 min
Lab File: BM032071.D
Acq: 04 Sep 2021 11:05



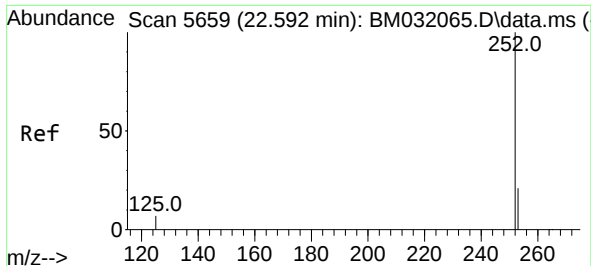
Tgt Ion:252 Resp: 266778
Ion Ratio Lower Upper
252 100
253 22.5 0.0 61.0
125 10.6 0.0 28.4



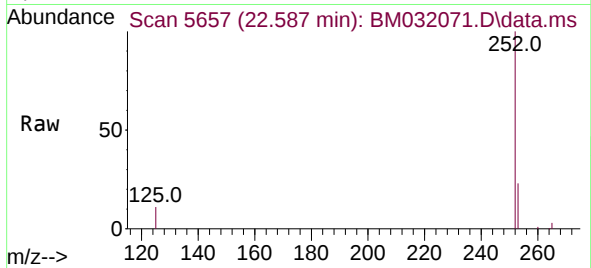
Instrument :
BNA_M
ClientSampleId :
C0B30

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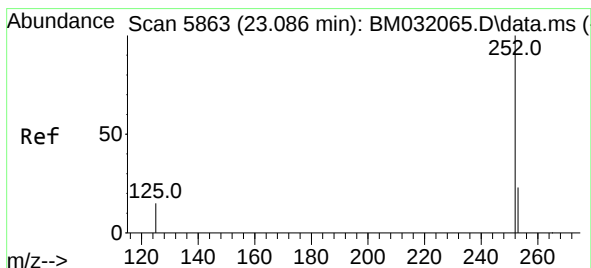
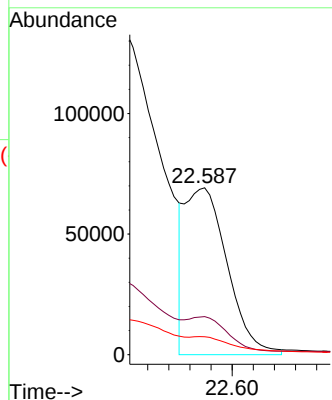
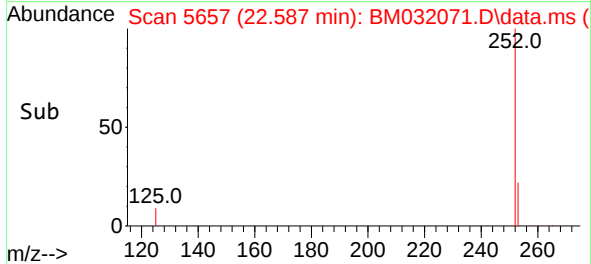
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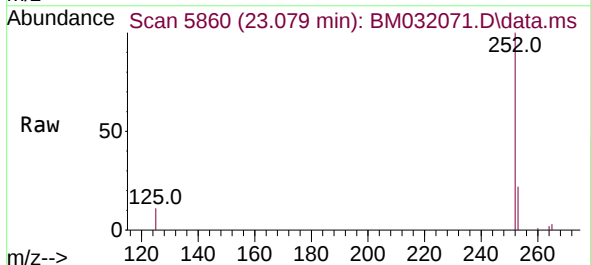
#25
Benzo(k)fluoranthene
Concen: 2.524 ng/ul m
RT: 22.587 min Scan# 5657
Delta R.T. -0.022 min
Lab File: BM032071.D
Acq: 04 Sep 2021 11:05



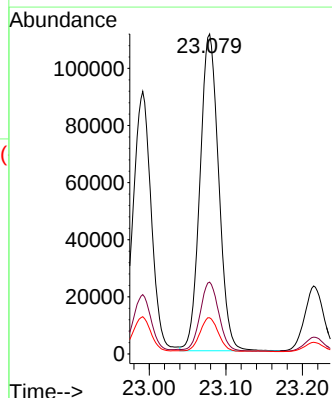
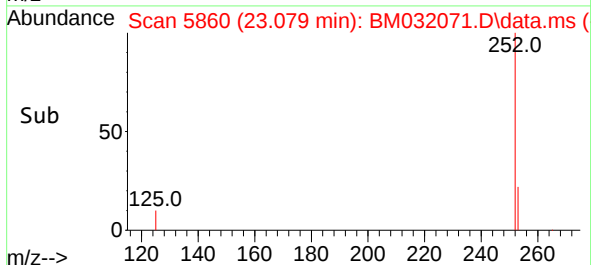
Tgt Ion:252 Resp: 96223
Ion Ratio Lower Upper
252 100
253 22.8 25.2 37.8#
125 10.7 11.0 16.4#



#26
Benzo(a)pyrene
Concen: 5.815 ng/ul
RT: 23.079 min Scan# 5860
Delta R.T. -0.026 min
Lab File: BM032071.D
Acq: 04 Sep 2021 11:05



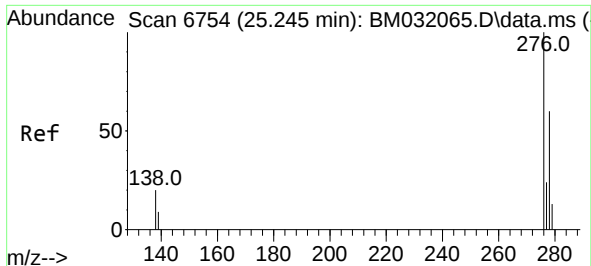
Tgt Ion:252 Resp: 187773
Ion Ratio Lower Upper
252 100
253 22.4 28.8 43.2#
125 11.3 13.9 20.9#



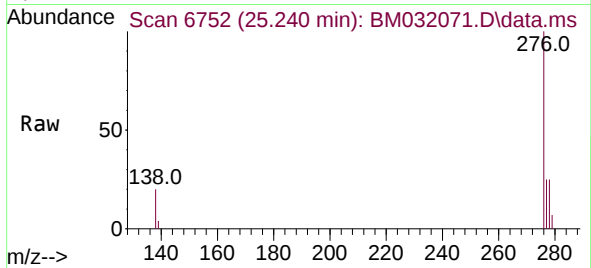
Instrument :
BNA_M
ClientSampleId :
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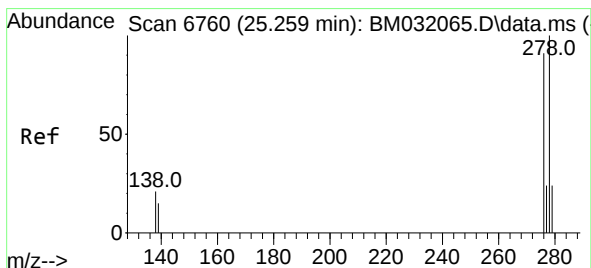
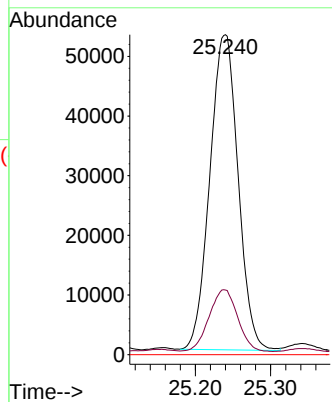
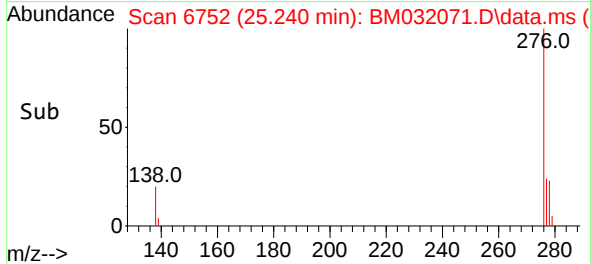
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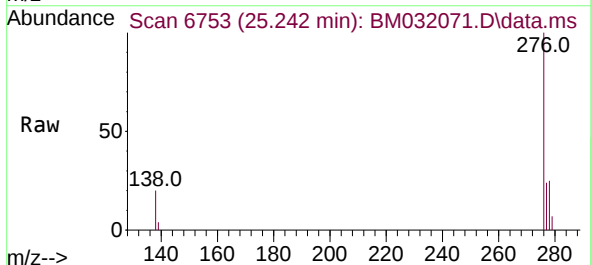
#27
Indeno(1,2,3-cd)pyrene
Concen: 3.132 ng/ul
RT: 25.240 min Scan# 6752
Delta R.T. -0.031 min
Lab File: BM032071.D
Acq: 04 Sep 2021 11:05



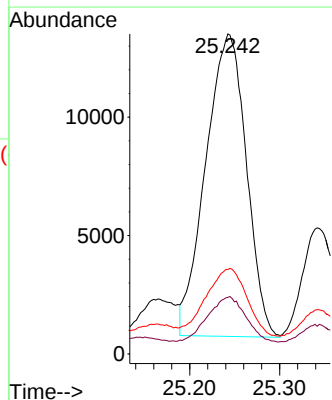
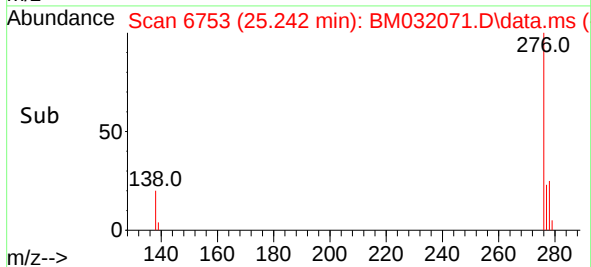
Tgt Ion: 276 Resp: 137778
Ion Ratio Lower Upper
276 100
138 19.9 14.1 21.1
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 1.134 ng/ul
RT: 25.242 min Scan# 6753
Delta R.T. -0.043 min
Lab File: BM032071.D
Acq: 04 Sep 2021 11:05



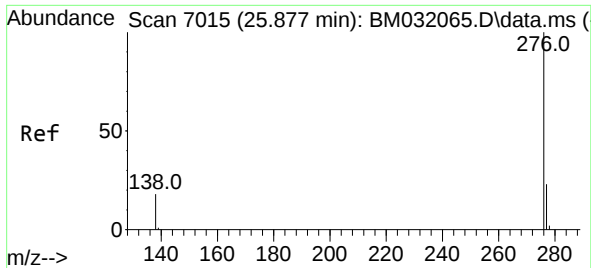
Tgt Ion: 278 Resp: 40099
Ion Ratio Lower Upper
278 100
139 17.7 13.4 20.0
279 26.4 27.2 40.8#



Instrument :
BNA_M
ClientSampleId :
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#29
Benzo(g,h,i)perylene
Concen: 3.186 ng/ul
RT: 25.867 min Scan# 7011
Delta R.T. -0.036 min
Lab File: BM032071.D
Acq: 04 Sep 2021 11:05

Tgt Ion:	276	Resp:	124712
Ion Ratio	Lower	Upper	
276	100		
138	20.2	14.5	21.7
277	24.0	21.2	31.8

Instrument :
BNA_M
ClientSampleId :
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