

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032056.D
 Acq On : 04 Sep 2021 01:19
 Operator : CG/JU
 Sample : M3486-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AY8

Manual Integrations
 APPROVED

mohammad
 9/7/2021 11:37:43 AM

Quant Time: Sep 04 02:16:54 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	2240	0.400	ng/ul	0.00
4) Naphthalene-d8	10.203	136	8358	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.095	164	5667	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.852	188	11029	0.400	ng/ul	-0.01
17) Chrysene-d12	21.057	240	9519	0.400	ng/ul	#-0.02
23) Perylene-d12	23.171	264	11203	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	5844	2.375	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.804	152	2266	0.175	ng/ul	-0.02
18) Fluoranthene-d10	18.892	212	5485	0.197	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	85612	3.860	ng/ul	94
7) 2-Methylnaphthalene	11.876	142	65474	4.231	ng/ul	99
8) 1-Methylnaphthalene	12.101	142	49225	3.231	ng/ul	97
10) Acenaphthylene	13.815	152	63678	2.784	ng/ul	97
11) Acenaphthene	14.159	153	2837m	0.152	ng/ul	
12) Fluorene	15.156	166	4961	0.227	ng/ul#	81
14) Pentachlorophenol	16.515	266	424	0.145	ng/ul	92
15) Phenanthrene	16.893	178	98939	2.947	ng/ul	97
16) Anthracene	16.987	178	71992	2.445	ng/ul	96
19) Fluoranthene	18.919	202	648392	15.760	ng/ul	99
20) Pyrene	19.285	202	633167	14.931	ng/ul	99
21) Benzo(a)anthracene	21.042	228	306758	8.822	ng/ul	98
22) Chrysene	21.093	228	415598	10.405	ng/ul	99
24) Benzo(b)fluoranthene	22.551	252	818616m	15.894	ng/ul	
25) Benzo(k)fluoranthene	22.584	252	244645m	4.605	ng/ul	
26) Benzo(a)pyrene	23.079	252	426288	9.471	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.240	276	396259	6.463	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.242	278	94753m	1.923	ng/ul	
29) Benzo(g,h,i)perylene	25.865	276	334534	6.131	ng/ul	97

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

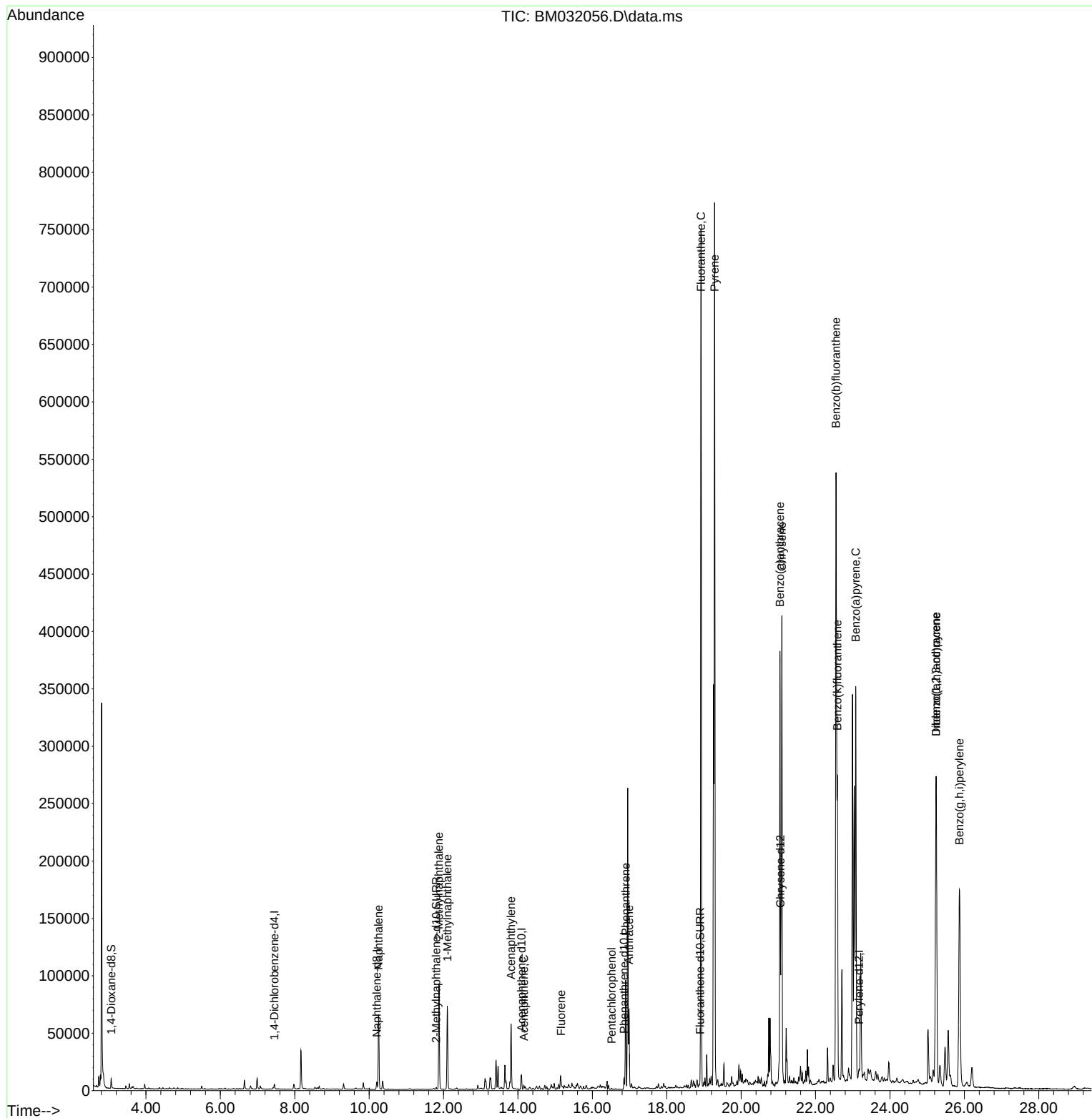
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
Data File : BM032056.D
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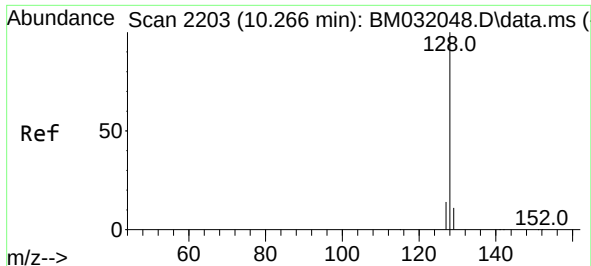
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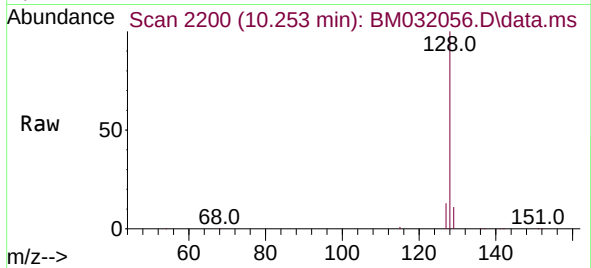
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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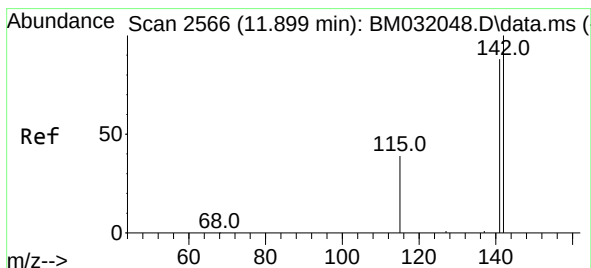
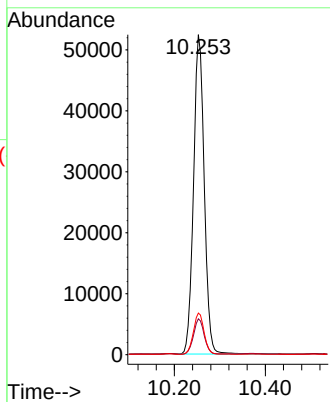
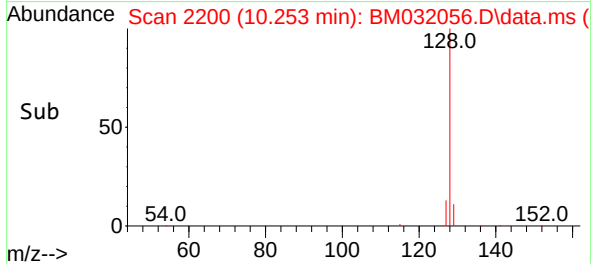




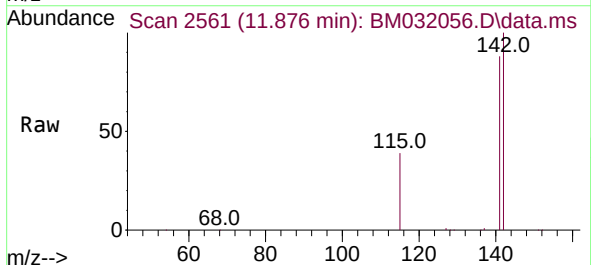
#5
Naphthalene
Concen: 3.860 ng/ul
RT: 10.253 min Scan# 2200
Delta R.T. -0.018 min
Lab File: BM032056.D
Acq: 04 Sep 2021 01:19



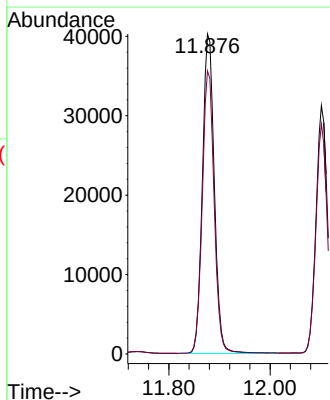
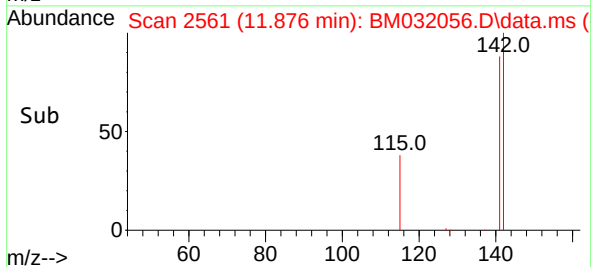
Tgt Ion:128 Resp: 85612
Ion Ratio Lower Upper
128 100
129 11.2 10.9 16.3
127 13.0 12.4 18.6



#7
2-Methylnaphthalene
Concen: 4.231 ng/ul
RT: 11.876 min Scan# 2561
Delta R.T. -0.022 min
Lab File: BM032056.D
Acq: 04 Sep 2021 01:19



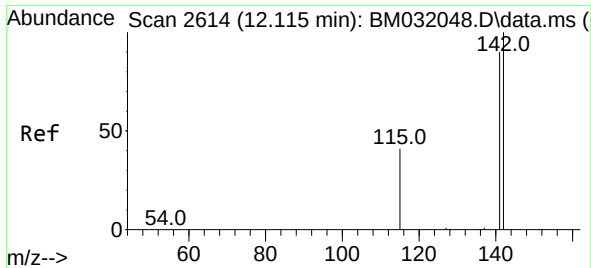
Tgt Ion:142 Resp: 65474
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5



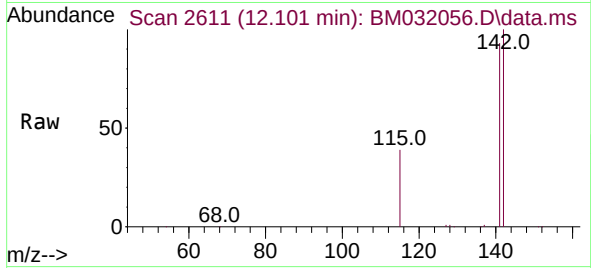
Instrument :
BNA_M
ClientSampleId :
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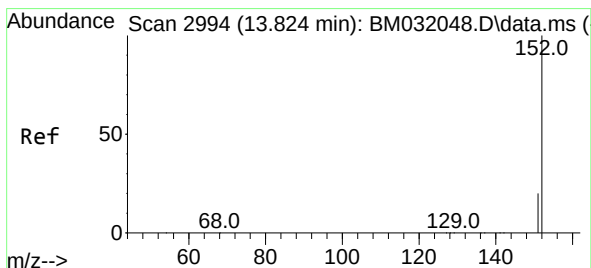
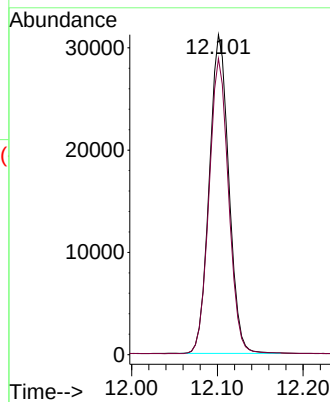
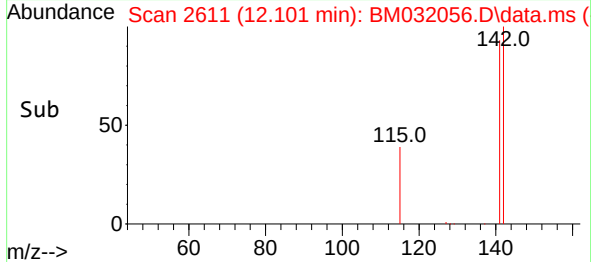
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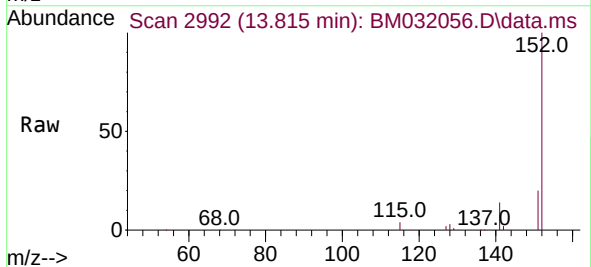
#8
1-Methylnaphthalene
Concen: 3.231 ng/ul
RT: 12.101 min Scan# 2611
Delta R.T. -0.013 min
Lab File: BM032056.D
Acq: 04 Sep 2021 01:19



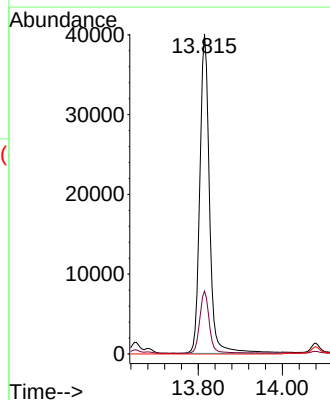
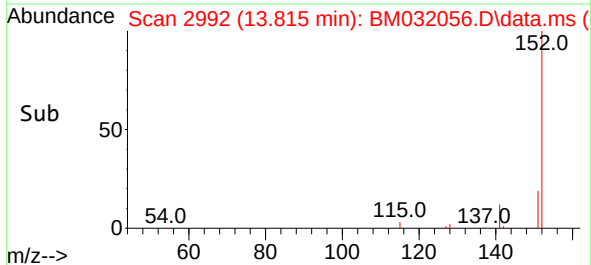
Tgt Ion:142 Resp: 49225
Ion Ratio Lower Upper
142 100
141 92.6 72.2 108.2



#10
Acenaphthylene
Concen: 2.784 ng/ul
RT: 13.815 min Scan# 2992
Delta R.T. -0.009 min
Lab File: BM032056.D
Acq: 04 Sep 2021 01:19



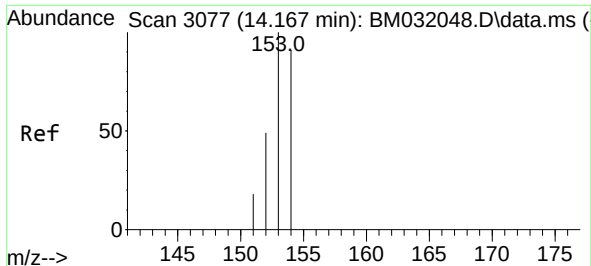
Tgt Ion:152 Resp: 63678
Ion Ratio Lower Upper
152 100
151 19.7 17.0 25.4
153 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampleId :
C0AY8

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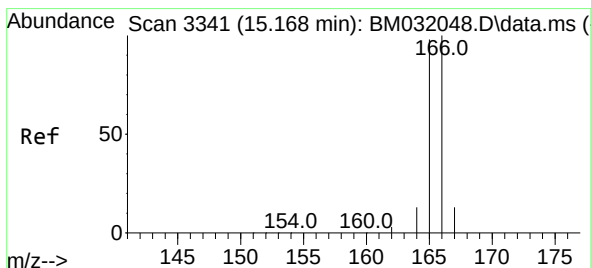
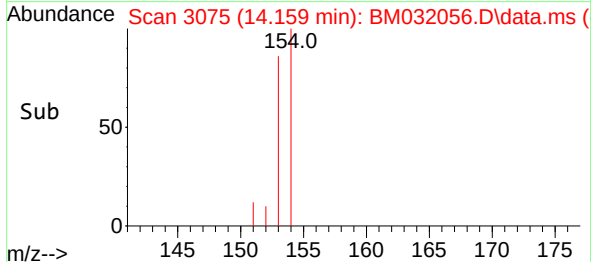
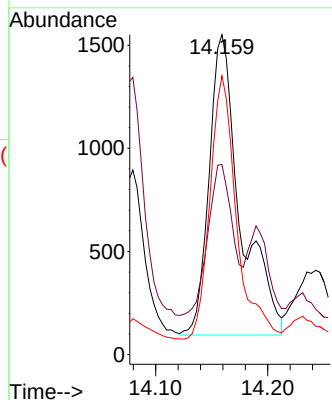
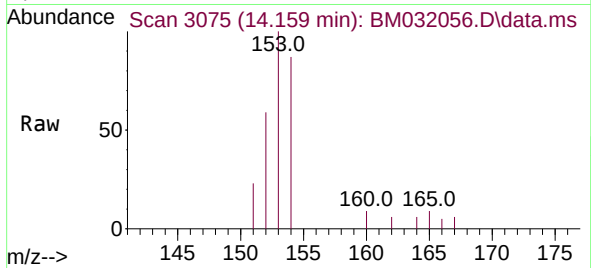
#11
Acenaphthene
Concen: 0.152 ng/ul m
RT: 14.159 min Scan# 3075
Delta R.T. -0.008 min
Lab File: BM032056.D
Acq: 04 Sep 2021 01:19

Tgt Ion	Ratio	Lower	Upper
153	100		
152	59.4	41.0	61.4
154	87.1	70.5	105.7

Instrument :
BNA_M
ClientSampleId :
C0AY8

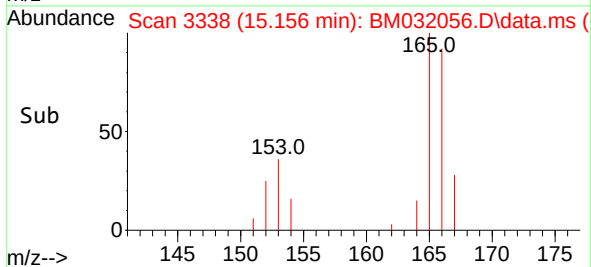
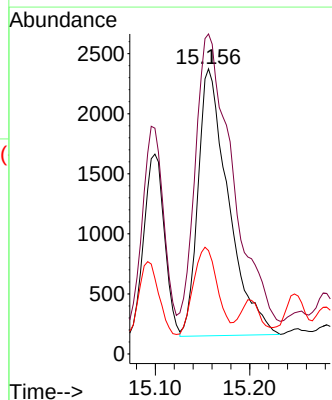
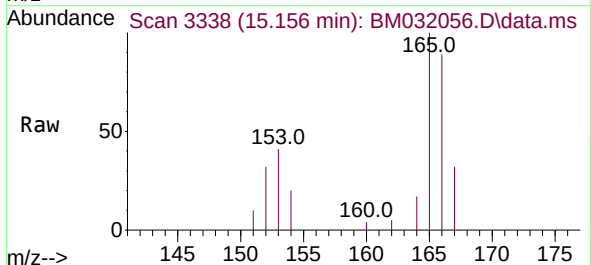
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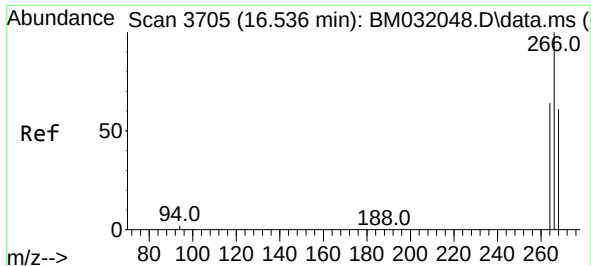
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#12
Fluorene
Concen: 0.227 ng/ul
RT: 15.156 min Scan# 3338
Delta R.T. -0.015 min
Lab File: BM032056.D
Acq: 04 Sep 2021 01:19

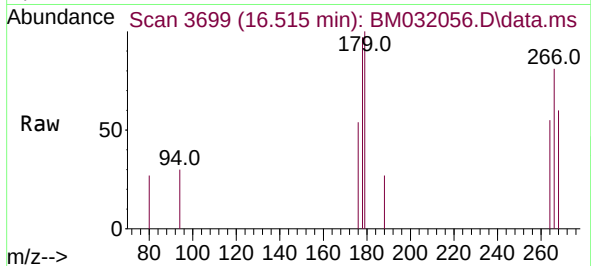
Tgt Ion	Ratio	Lower	Upper
166	100		
165	112.3	78.3	117.5
167	36.2	12.5	18.7#





#14
 Pentachlorophenol
 Concen: 0.145 ng/ul
 RT: 16.515 min Scan# 3699
 Delta R.T. -0.024 min
 Lab File: BM032056.D
 Acq: 04 Sep 2021 01:19

Instrument :
 BNA_M
 ClientSampleId :
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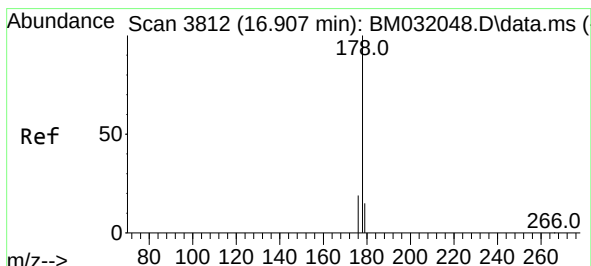
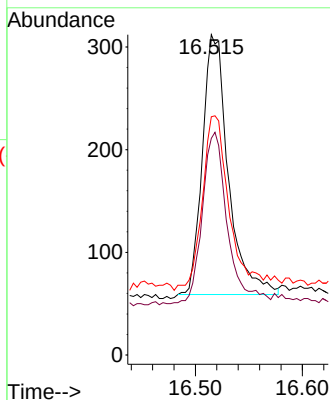
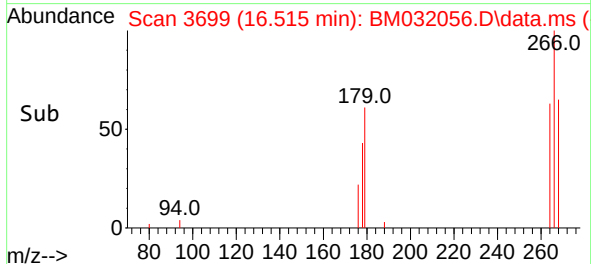


Tgt Ion:266 Resp: 424

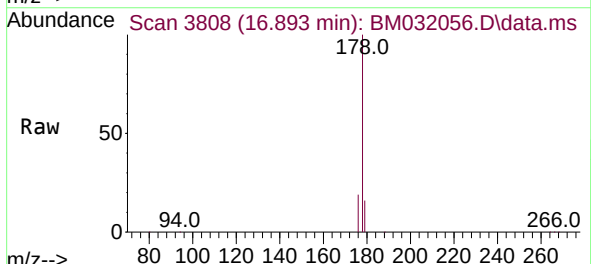
Ion	Ratio	Lower	Upper
266	100		
264	63.0	44.3	66.5
268	65.6	49.4	74.2

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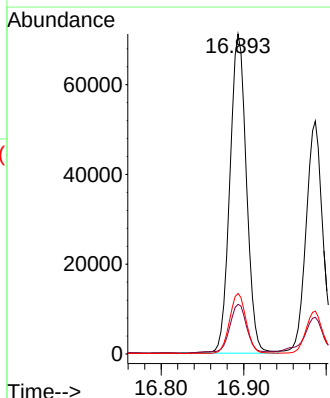
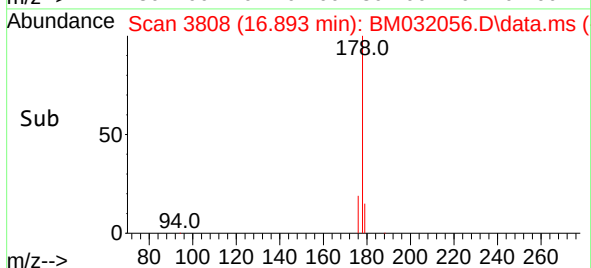


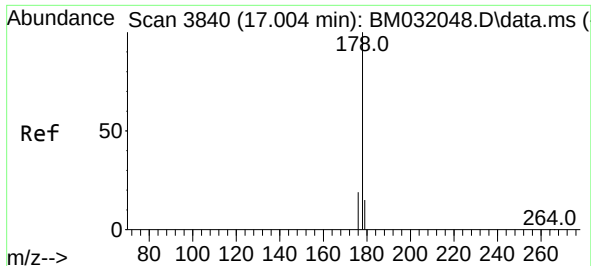
#15
 Phenanthrene
 Concen: 2.947 ng/ul
 RT: 16.893 min Scan# 3808
 Delta R.T. -0.014 min
 Lab File: BM032056.D
 Acq: 04 Sep 2021 01:19



Tgt Ion:178 Resp: 98939

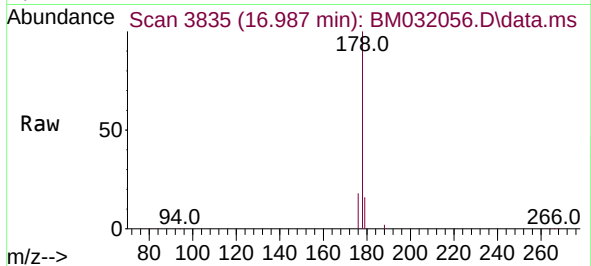
Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.3	19.9
176	18.9	16.7	25.1





#16
 Anthracene
 Concen: 2.445 ng/ul
 RT: 16.987 min Scan# 3835
 Delta R.T. -0.021 min
 Lab File: BM032056.D
 Acq: 04 Sep 2021 01:19

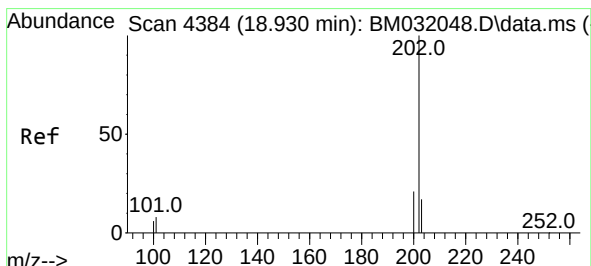
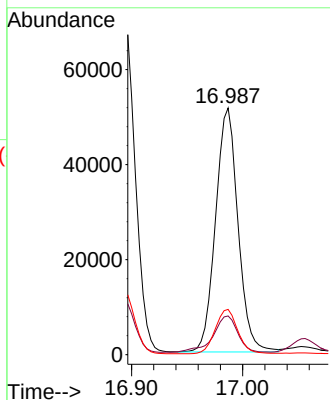
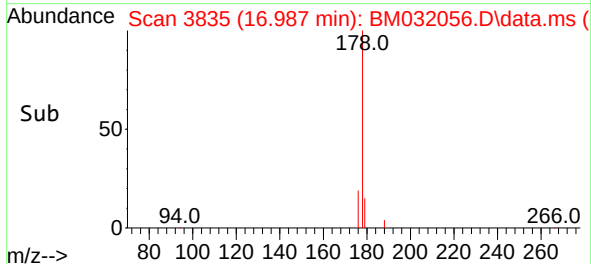
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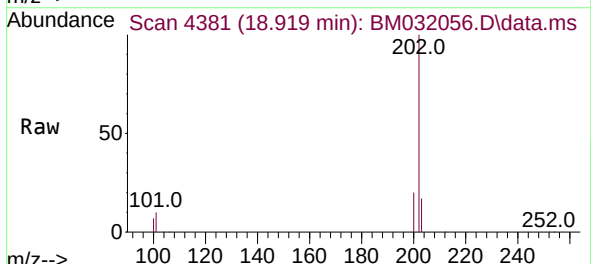
Tgt Ion:178 Resp: 71992
 Ion Ratio Lower Upper
 178 100
 179 15.7 14.3 21.5
 176 18.4 15.8 23.8

Manual Integrations
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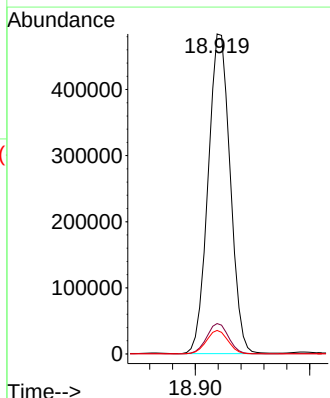
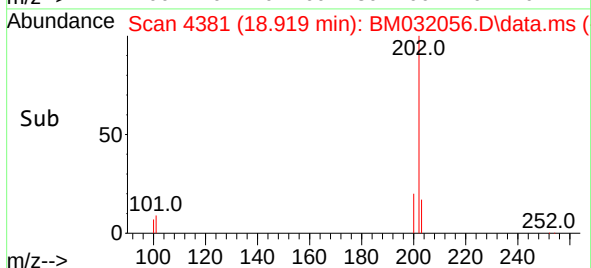
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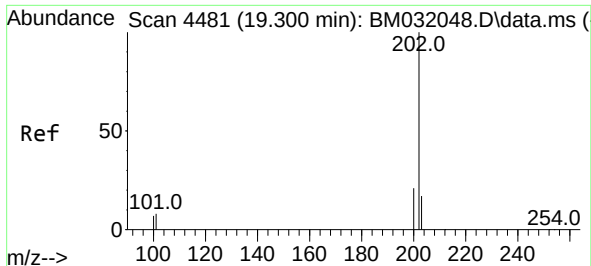


#19
 Fluoranthene
 Concen: 15.760 ng/ul
 RT: 18.919 min Scan# 4381
 Delta R.T. -0.015 min
 Lab File: BM032056.D
 Acq: 04 Sep 2021 01:19

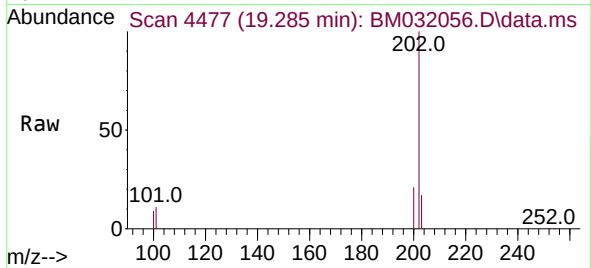


Tgt Ion:202 Resp: 648392
 Ion Ratio Lower Upper
 202 100
 101 9.5 7.2 10.8
 100 7.4 5.8 8.6

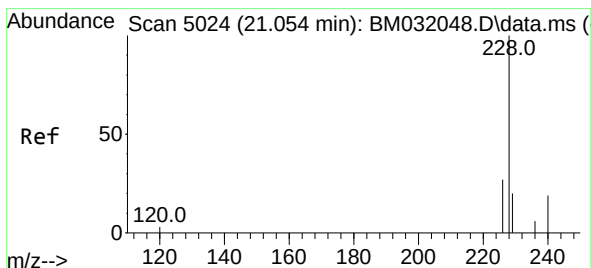
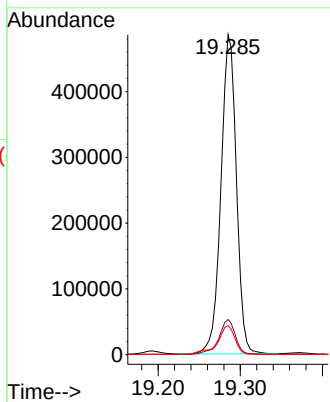
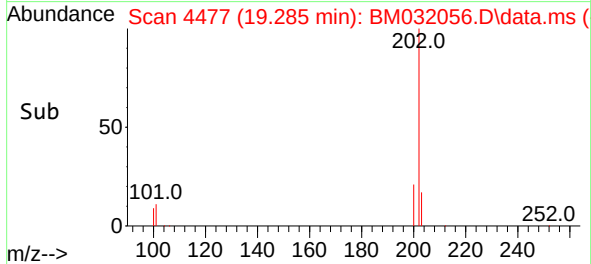




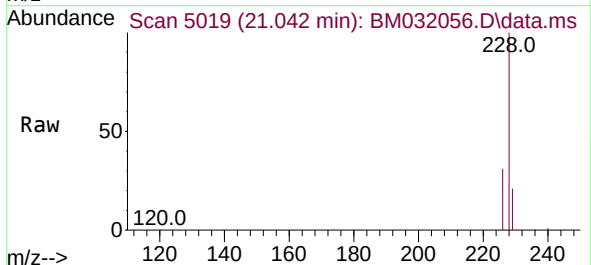
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Pyrene
Concen: 14.931 ng/ul
RT: 19.285 min Scan# 4477
Delta R.T. -0.015 min
Lab File: BM032056.D
Acq: 04 Sep 2021 01:19



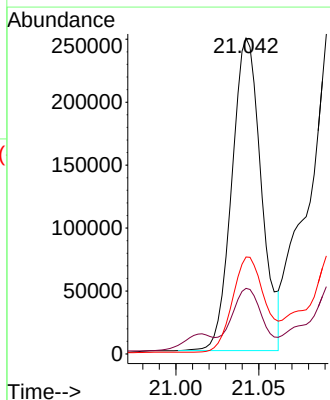
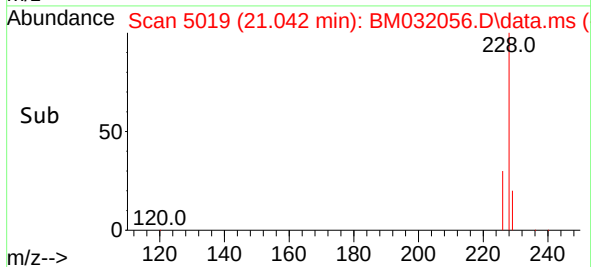
Tgt Ion:202 Resp: 633167
Ion Ratio Lower Upper
202 100
101 11.0 8.2 12.4
100 9.1 7.0 10.6



#21
Benzo(a)anthracene
Concen: 8.822 ng/ul
RT: 21.042 min Scan# 5019
Delta R.T. -0.017 min
Lab File: BM032056.D
Acq: 04 Sep 2021 01:19



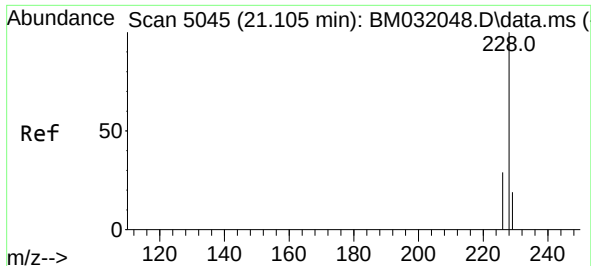
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Ion Ratio Lower Upper
228 100
229 20.8 17.1 25.7
226 30.7 23.1 34.7



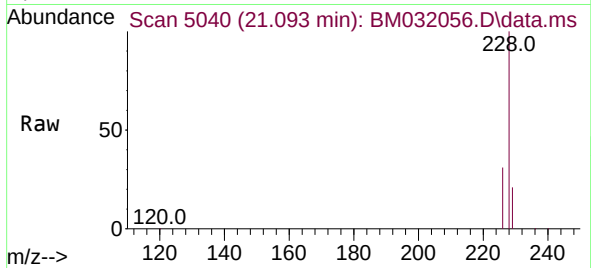
Instrument :
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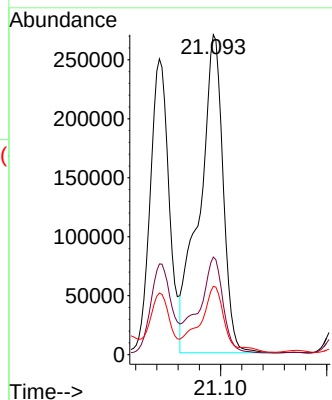
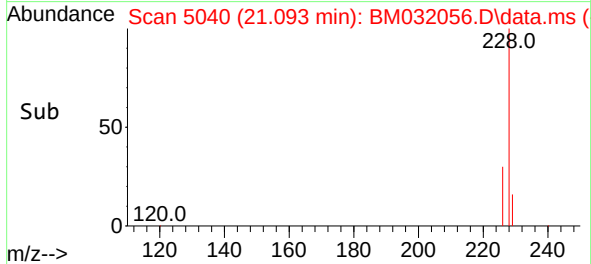
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#22
Chrysene
Concen: 10.405 ng/ul
RT: 21.093 min Scan# 5040
Delta R.T. -0.017 min
Lab File: BM032056.D
Acq: 04 Sep 2021 01:19



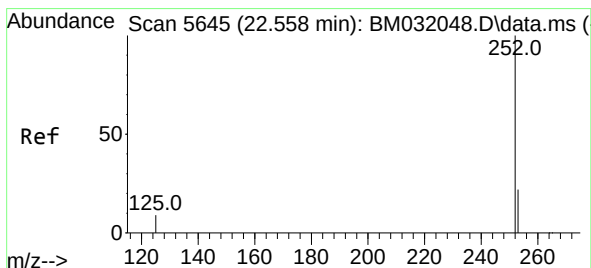
Tgt Ion:228 Resp: 415598
Ion Ratio Lower Upper
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226 30.5 24.2 36.2
229 21.4 16.3 24.5



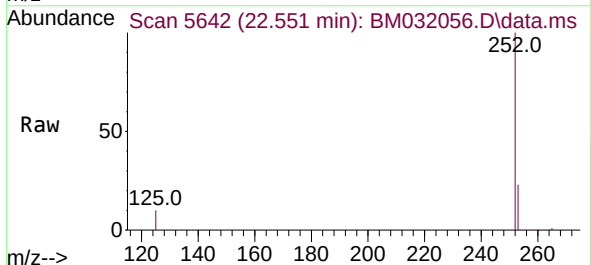
Instrument :
BNA_M
ClientSampled :
C0AY8

Manual Integrations
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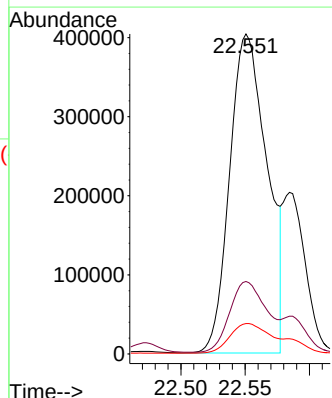
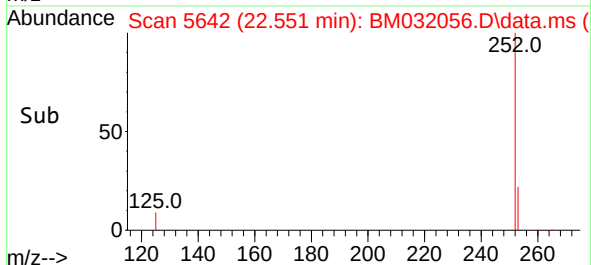
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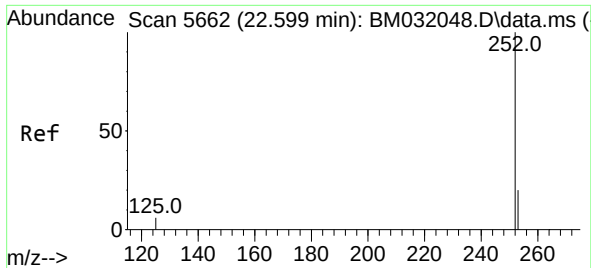


#24
Benzo(b)fluoranthene
Concen: 15.894 ng/ul m
RT: 22.551 min Scan# 5642
Delta R.T. -0.014 min
Lab File: BM032056.D
Acq: 04 Sep 2021 01:19



Tgt Ion:252 Resp: 818616
Ion Ratio Lower Upper
252 100
253 22.6 0.0 61.0
125 9.5 0.0 28.4





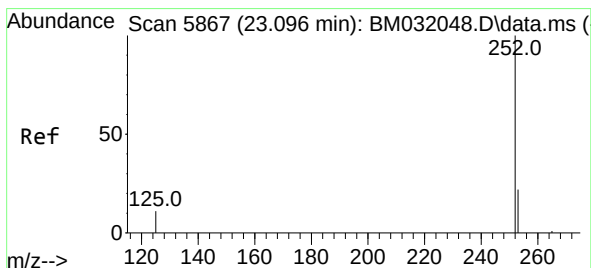
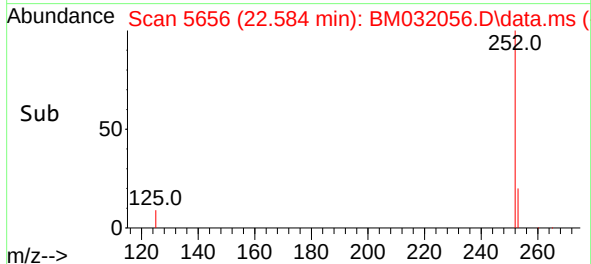
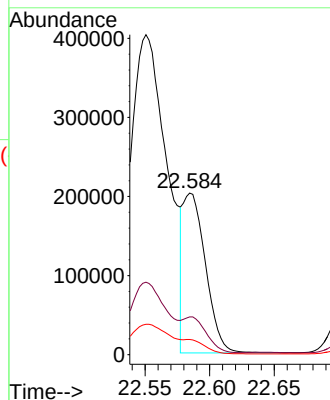
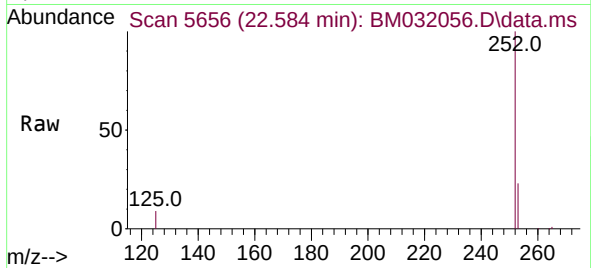
#25
Benzo(k)fluoranthene
Concen: 4.605 ng/ul m
RT: 22.584 min Scan# 5656
Delta R.T. -0.024 min
Lab File: BM032056.D
Acq: 04 Sep 2021 01:19

Tgt Ion:252 Resp: 244645
Ion Ratio Lower Upper
252 100
253 23.4 25.2 37.8#
125 9.4 11.0 16.4#

Instrument :
BNA_M
ClientSampled :
C0AY8

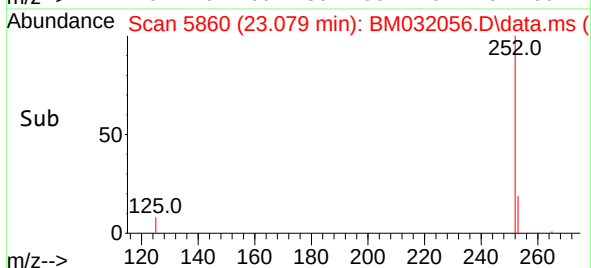
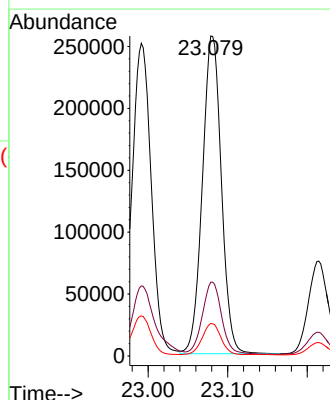
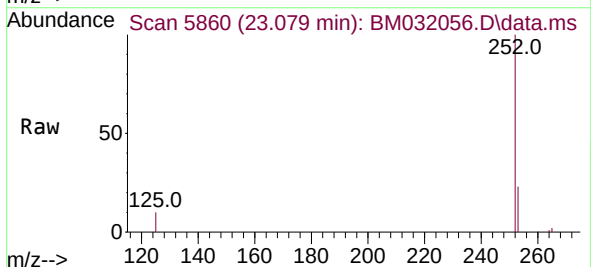
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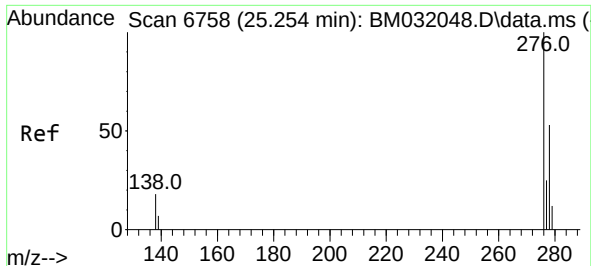
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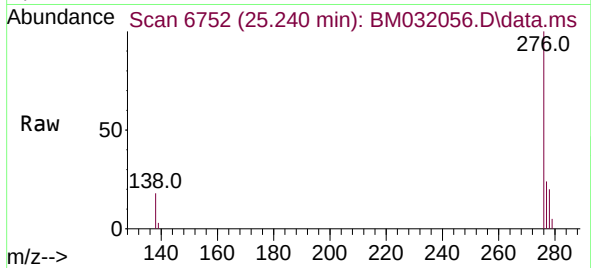
#26
Benzo(a)pyrene
Concen: 9.471 ng/ul
RT: 23.079 min Scan# 5860
Delta R.T. -0.027 min
Lab File: BM032056.D
Acq: 04 Sep 2021 01:19

Tgt Ion:252 Resp: 426288
Ion Ratio Lower Upper
252 100
253 23.1 28.8 43.2#
125 10.1 13.9 20.9#

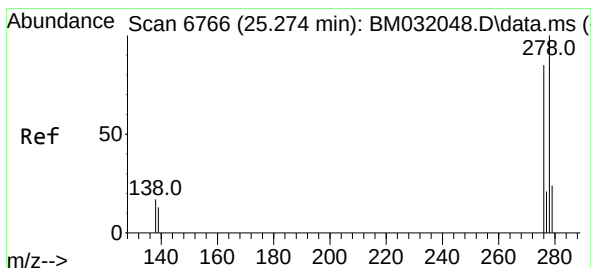
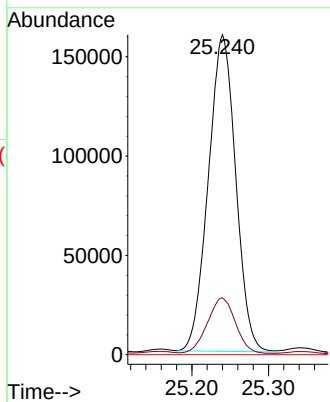
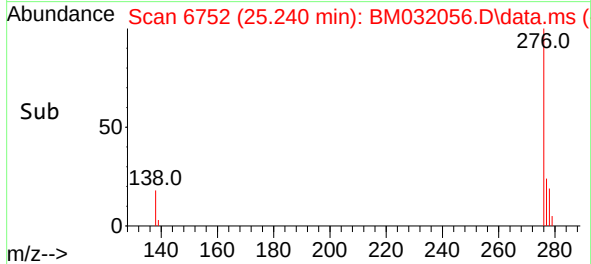




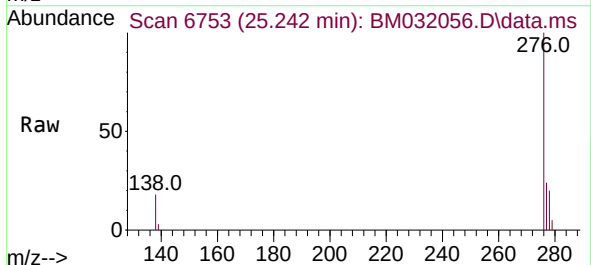
#27
Indeno(1,2,3-cd)pyrene
Concen: 6.463 ng/ul
RT: 25.240 min Scan# 6752
Delta R.T. -0.031 min
Lab File: BM032056.D
Acq: 04 Sep 2021 01:19



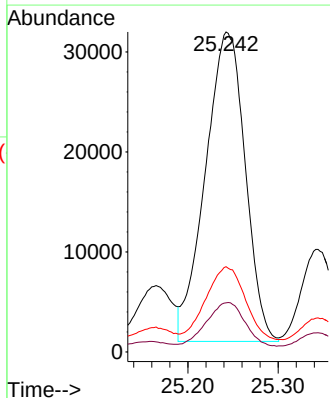
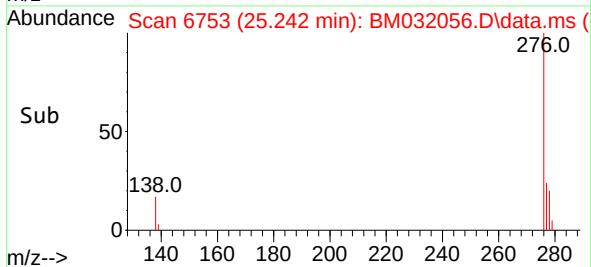
Tgt Ion: 276 Resp: 396259
Ion Ratio Lower Upper
276 100
138 18.0 14.1 21.1
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 1.923 ng/ul m
RT: 25.242 min Scan# 6753
Delta R.T. -0.043 min
Lab File: BM032056.D
Acq: 04 Sep 2021 01:19



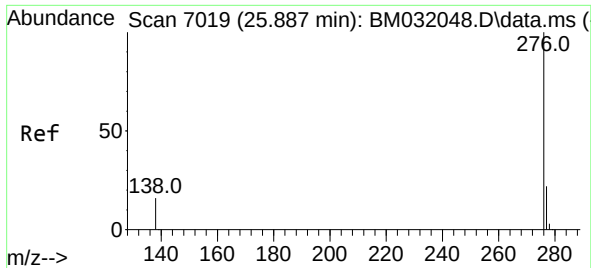
Tgt Ion: 278 Resp: 94753
Ion Ratio Lower Upper
278 100
139 15.4 13.4 20.0
279 26.6 27.2 40.8#



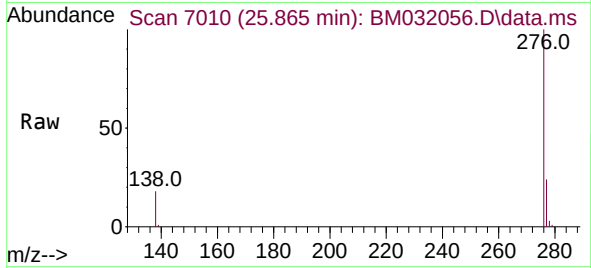
Instrument :
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ClientSampleId :
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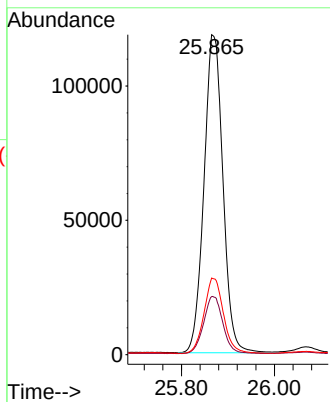
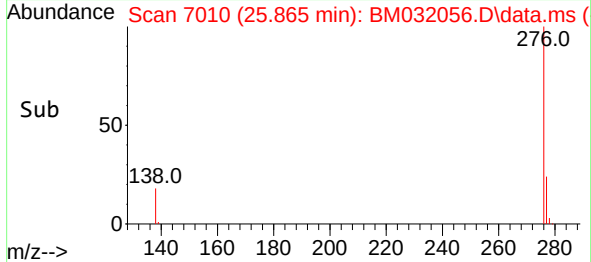
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#29
 Benzo(g,h,i)perylene
 Concen: 6.131 ng/ul
 RT: 25.865 min Scan# 7010
 Delta R.T. -0.039 min
 Lab File: BM032056.D
 Acq: 04 Sep 2021 01:19



Tgt Ion:	276	Resp:	334534
Ion Ratio	Lower	Upper	
276	100		
138	18.1	14.5	21.7
277	23.9	21.2	31.8



Instrument :
 BNA_M
 ClientSampleId :
 C0AY8

Manual Integrations
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mohammad
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