

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032075.D
 Acq On : 04 Sep 2021 13:33
 Operator : CG/JU
 Sample : M3518-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AS4

Manual Integrations
 APPROVED

mohammad
 9/7/2021 11:38:39 AM

Quant Time: Sep 06 02:14:57 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	1660	0.400	ng/ul	0.00
4) Naphthalene-d8	10.203	136	5613	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.095	164	3363	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.851	188	6606	0.400	ng/ul	-0.01
17) Chrysene-d12	21.059	240	6130	0.400	ng/ul	-0.01
23) Perylene-d12	23.173	264	6710	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.061	96	7279	3.992	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.804	152	2066	0.238	ng/ul	-0.02
18) Fluoranthene-d10	18.888	212	4684	0.261	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	35473	2.382	ng/ul	94
7) 2-Methylnaphthalene	11.876	142	24791	2.386	ng/ul	99
8) 1-Methylnaphthalene	12.101	142	19099	1.867	ng/ul	97
10) Acenaphthylene	13.815	152	6464	0.476	ng/ul	99
11) Acenaphthene	14.159	153	3163	0.285	ng/ul	96
12) Fluorene	15.153	166	4393	0.339	ng/ul#	92
15) Phenanthrene	16.893	178	110274	5.485	ng/ul	97
16) Anthracene	16.983	178	19354	1.097	ng/ul	98
19) Fluoranthene	18.919	202	264255	9.974	ng/ul	99
20) Pyrene	19.285	202	240599	8.811	ng/ul	99
21) Benzo(a)anthracene	21.045	228	140859	6.290	ng/ul	98
22) Chrysene	21.095	228	156151	6.071	ng/ul	99
24) Benzo(b)fluoranthene	22.550	252	274379m	8.895	ng/ul	
25) Benzo(k)fluoranthene	22.589	252	85326m	2.682	ng/ul	
26) Benzo(a)pyrene	23.081	252	195236	7.242	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.242	276	154993	4.221	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.245	278	38038	1.289	ng/ul	94
29) Benzo(g,h,i)perylene	25.875	276	148885	4.556	ng/ul	95

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

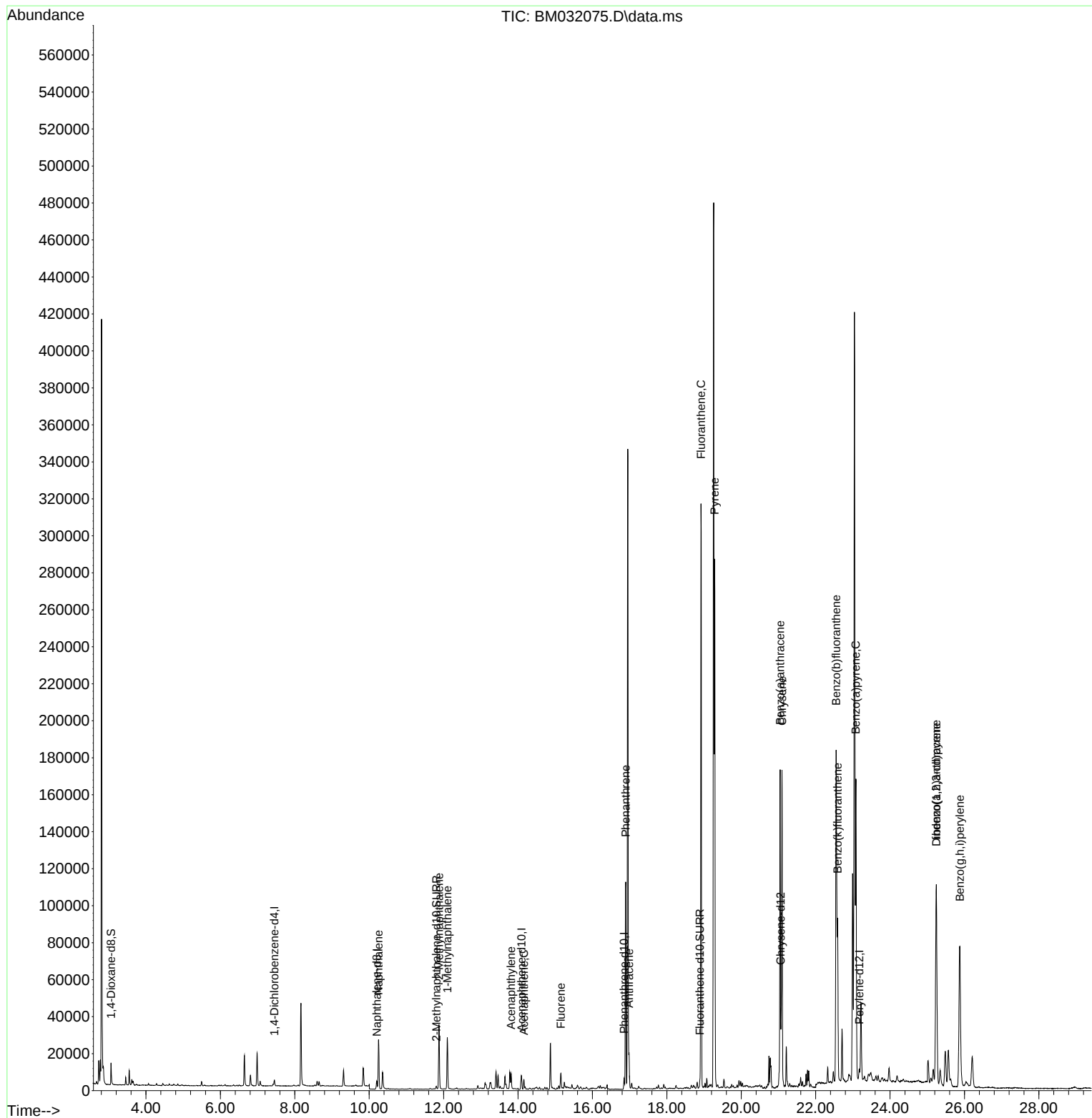
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
Data File : BM032075.D
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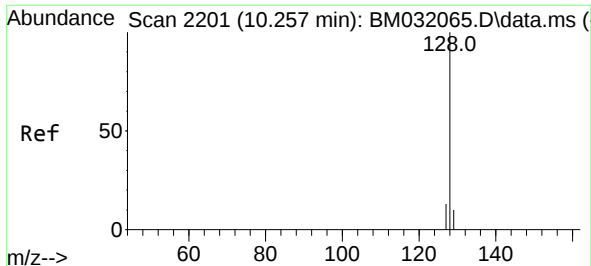
Instrument :
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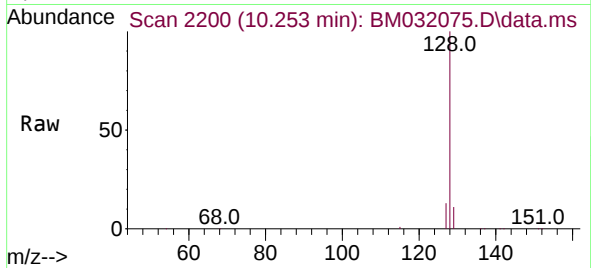
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 16:21:27 2021
Response via : Initial Calibration

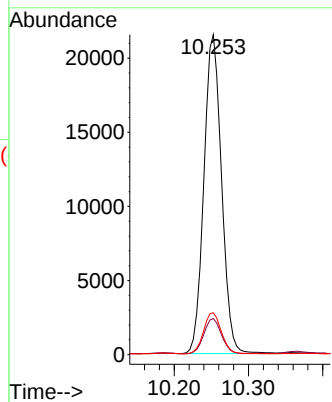
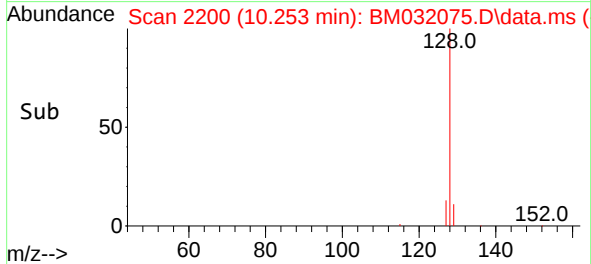




#5
Naphthalene
Concen: 2.382 ng/ul
RT: 10.253 min Scan# 2200
Delta R.T. -0.018 min
Lab File: BM032075.D
Acq: 04 Sep 2021 13:33



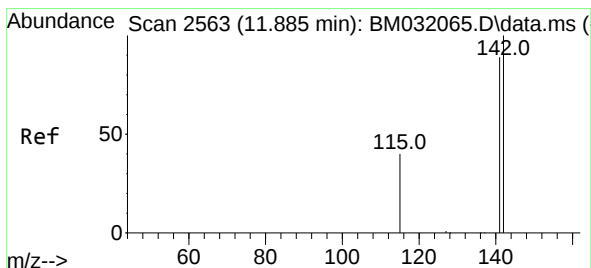
Tgt Ion:	128	Resp:	35473
Ion Ratio	Lower	Upper	
128	100		
129	11.3	10.9	16.3
127	13.1	12.4	18.6



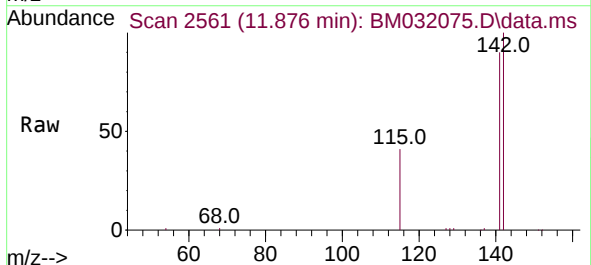
Instrument :
BNA_M
ClientSampled :
C0AS4

Manual Integrations
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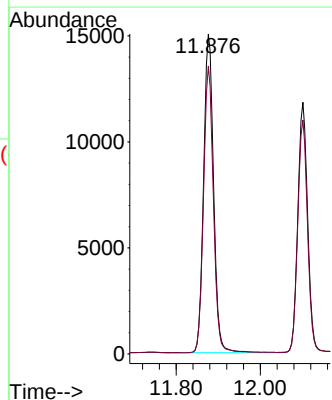
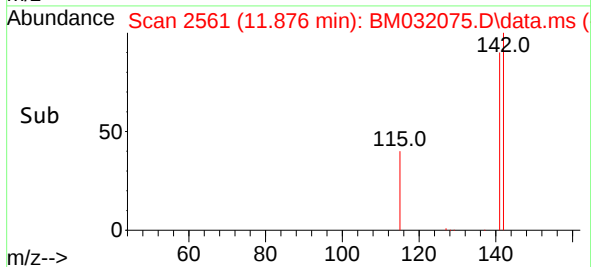
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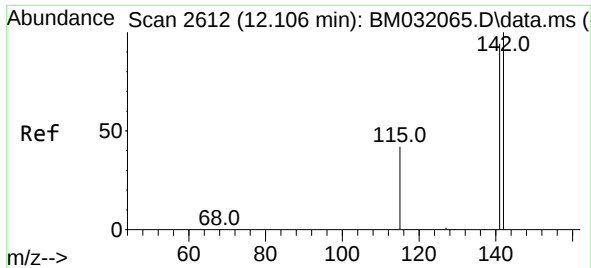


#7
2-Methylnaphthalene
Concen: 2.386 ng/ul
RT: 11.876 min Scan# 2561
Delta R.T. -0.022 min
Lab File: BM032075.D
Acq: 04 Sep 2021 13:33



Tgt Ion:	142	Resp:	24791
Ion Ratio	Lower	Upper	
142	100		
141	89.2	70.3	105.5





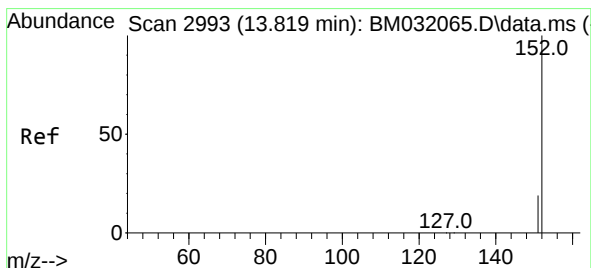
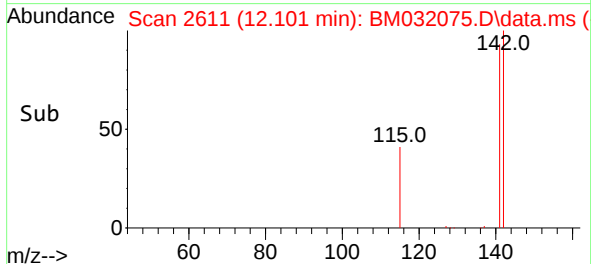
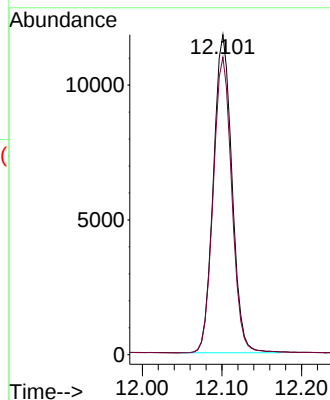
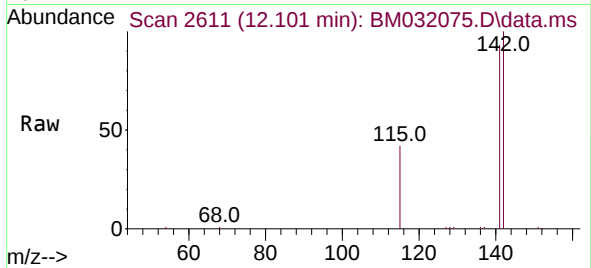
#8
1-Methylnaphthalene
Concen: 1.867 ng/ul
RT: 12.101 min Scan# 2611
Delta R.T. -0.013 min
Lab File: BM032075.D
Acq: 04 Sep 2021 13:33

Tgt Ion:142 Resp: 19099
Ion Ratio Lower Upper
142 100
141 92.9 72.2 108.2

Instrument :
BNA_M
ClientSampleId :
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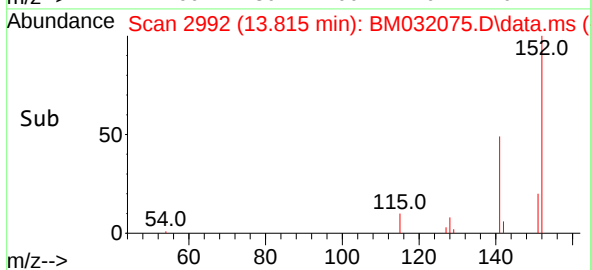
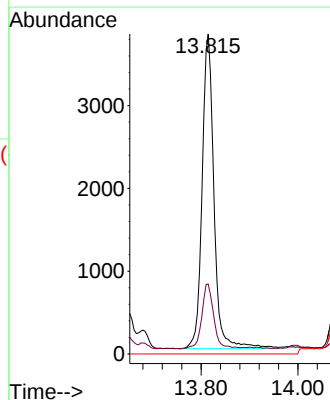
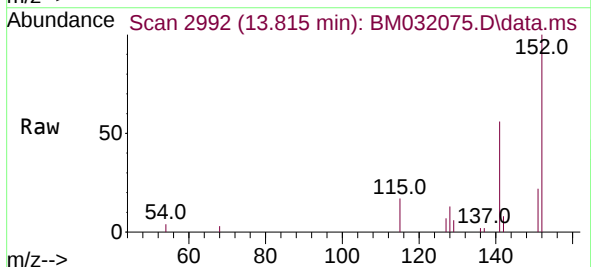
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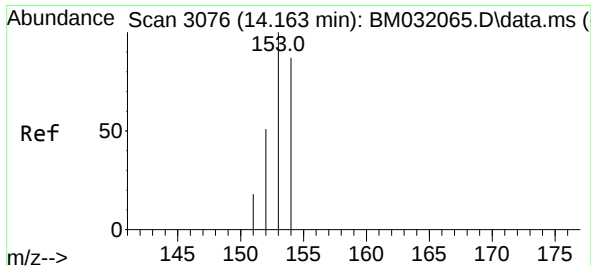
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#10
Acenaphthylene
Concen: 0.476 ng/ul
RT: 13.815 min Scan# 2992
Delta R.T. -0.009 min
Lab File: BM032075.D
Acq: 04 Sep 2021 13:33

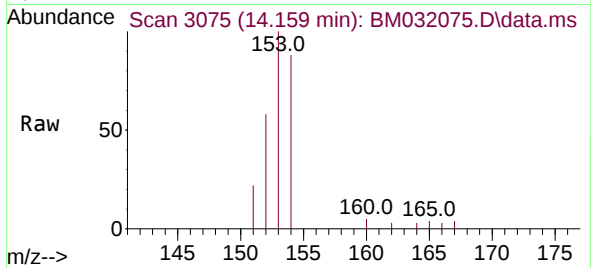
Tgt Ion:152 Resp: 6464
Ion Ratio Lower Upper
152 100
151 21.9 17.0 25.4
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.285 ng/ul
RT: 14.159 min Scan# 3075
Delta R.T. -0.008 min
Lab File: BM032075.D
Acq: 04 Sep 2021 13:33

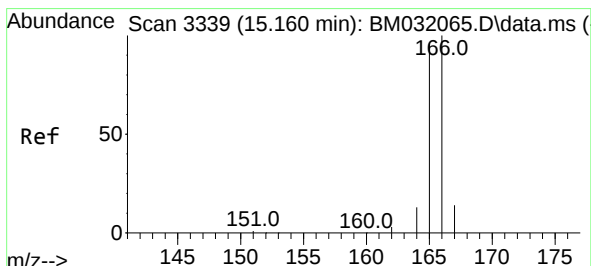
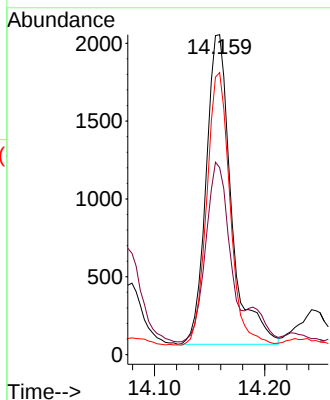
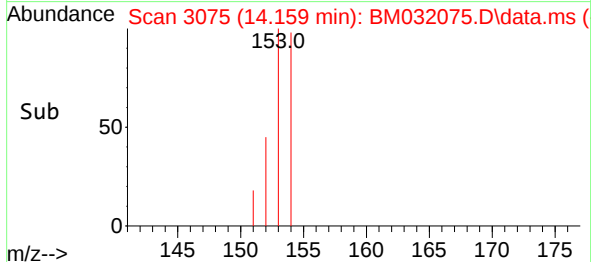
Instrument :
BNA_M
ClientSampleId :
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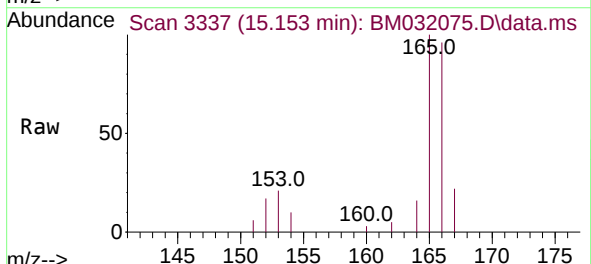
Tgt Ion:153 Resp: 3163
Ion Ratio Lower Upper
153 100
152 58.4 41.0 61.4
154 88.1 70.5 105.7

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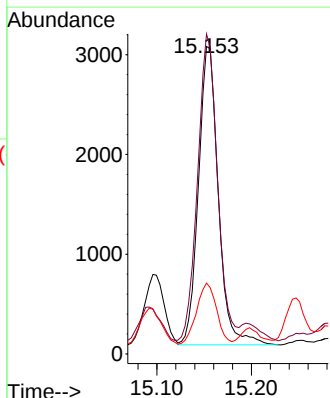
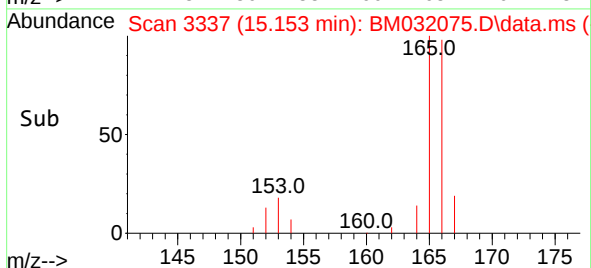
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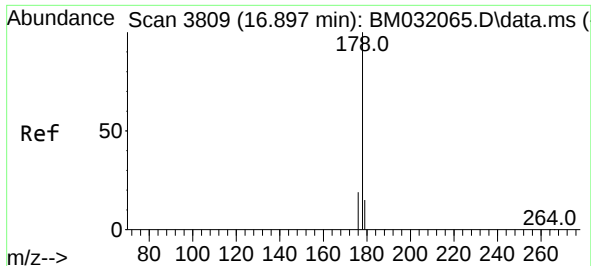


#12
Fluorene
Concen: 0.339 ng/ul
RT: 15.153 min Scan# 3337
Delta R.T. -0.019 min
Lab File: BM032075.D
Acq: 04 Sep 2021 13:33



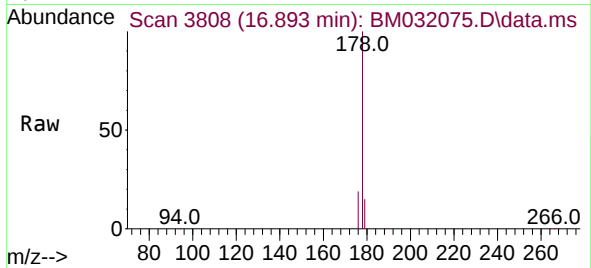
Tgt Ion:166 Resp: 4393
Ion Ratio Lower Upper
166 100
165 104.1 78.3 117.5
167 23.1 12.5 18.7#





#15
Phenanthrene
Concen: 5.485 ng/ul
RT: 16.893 min Scan# 3808
Delta R.T. -0.014 min
Lab File: BM032075.D
Acq: 04 Sep 2021 13:33

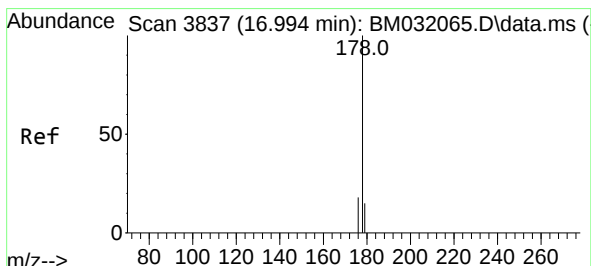
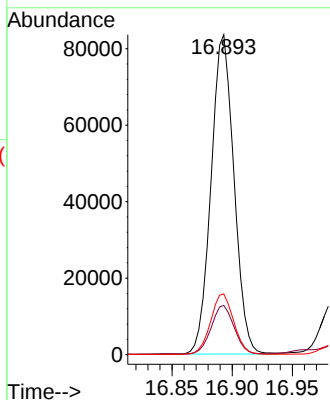
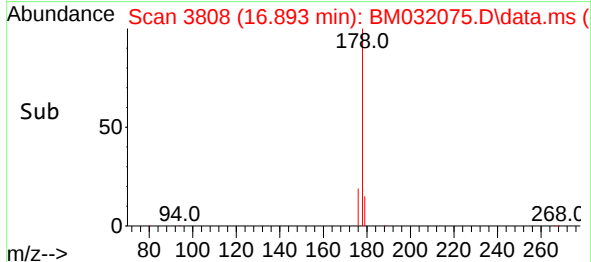
Instrument :
BNA_M
ClientSampled :
C0AS4



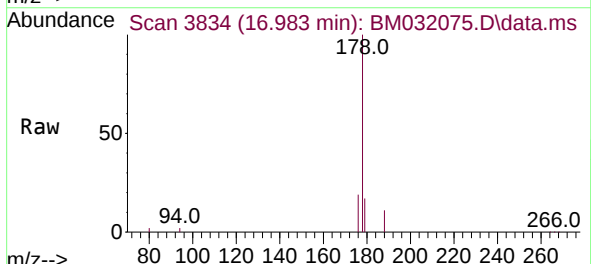
Tgt Ion:178 Resp: 110274
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.0 16.7 25.1

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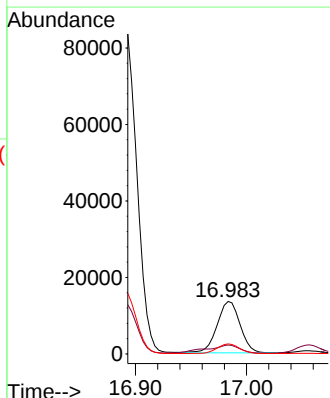
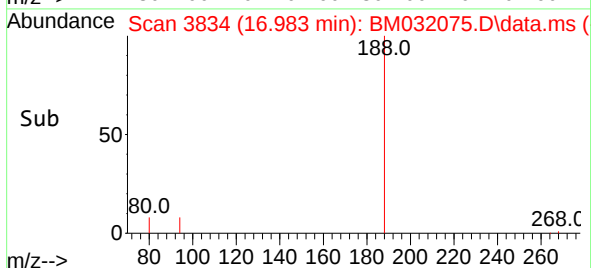
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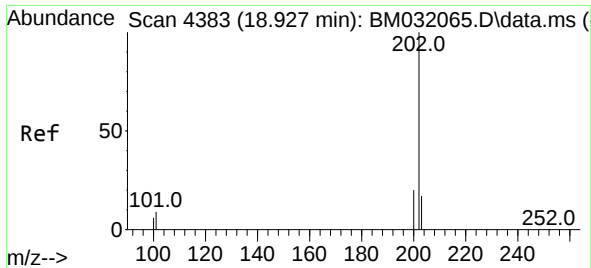


#16
Anthracene
Concen: 1.097 ng/ul
RT: 16.983 min Scan# 3834
Delta R.T. -0.024 min
Lab File: BM032075.D
Acq: 04 Sep 2021 13:33

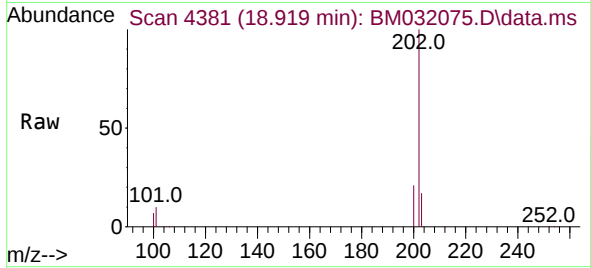


Tgt Ion:178 Resp: 19354
Ion Ratio Lower Upper
178 100
179 17.0 14.3 21.5
176 19.3 15.8 23.8

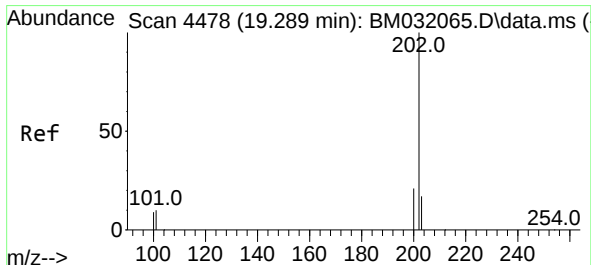
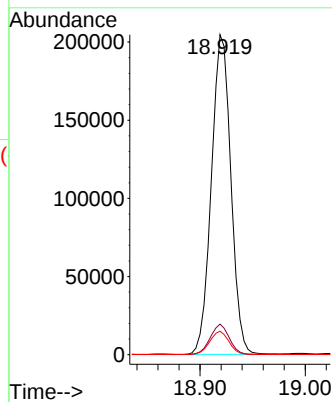
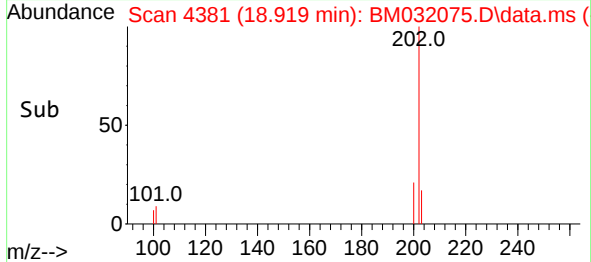




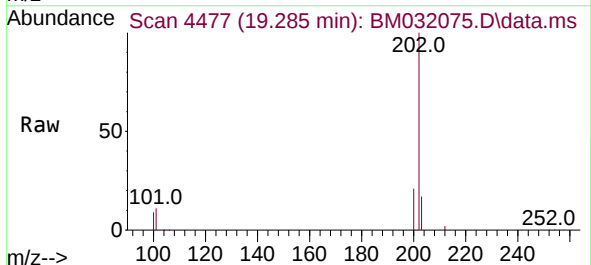
#19
Fluoranthene
Concen: 9.974 ng/ul
RT: 18.919 min Scan# 4381
Delta R.T. -0.015 min
Lab File: BM032075.D
Acq: 04 Sep 2021 13:33



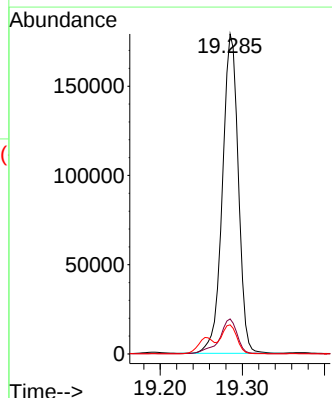
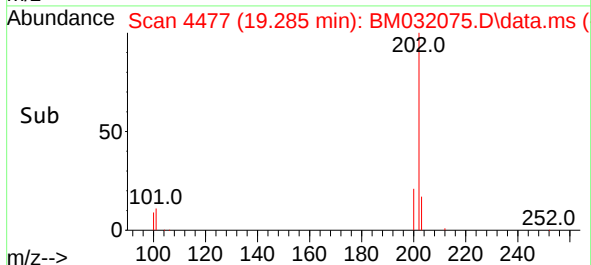
Tgt Ion:202 Resp: 264255
Ion Ratio Lower Upper
202 100
101 9.5 7.2 10.8
100 7.4 5.8 8.6



#20
Pyrene
Concen: 8.811 ng/ul
RT: 19.285 min Scan# 4477
Delta R.T. -0.015 min
Lab File: BM032075.D
Acq: 04 Sep 2021 13:33



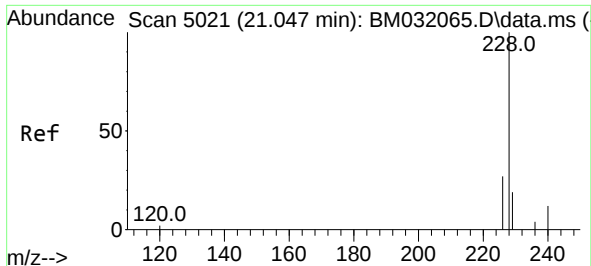
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Ion Ratio Lower Upper
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101 11.0 8.2 12.4
100 9.1 7.0 10.6



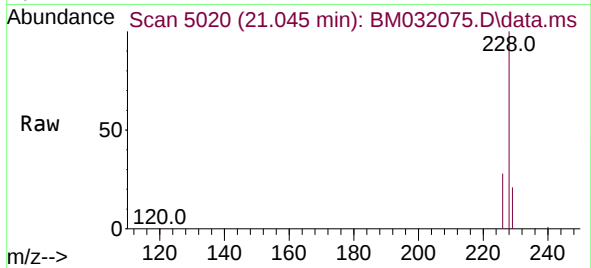
Instrument :
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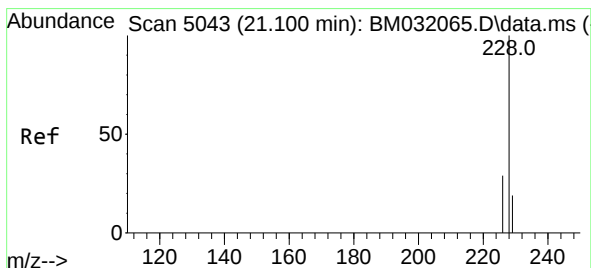
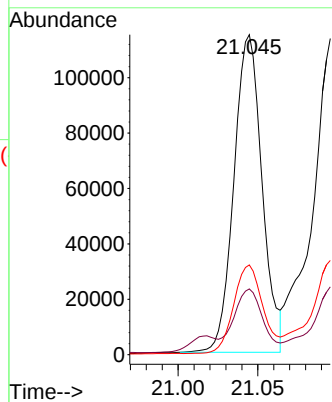
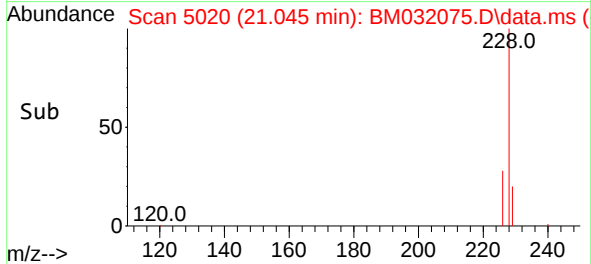
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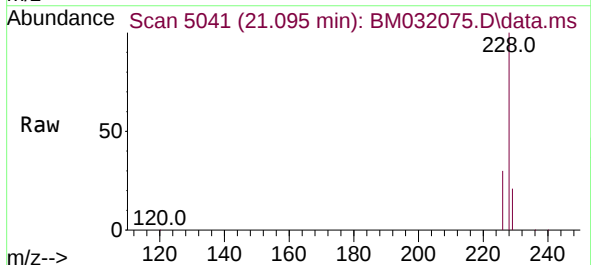
#21
Benzo(a)anthracene
Concen: 6.290 ng/ul
RT: 21.045 min Scan# 5020
Delta R.T. -0.014 min
Lab File: BM032075.D
Acq: 04 Sep 2021 13:33



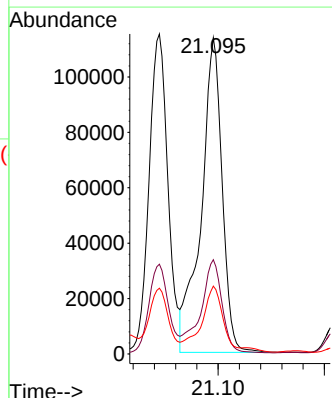
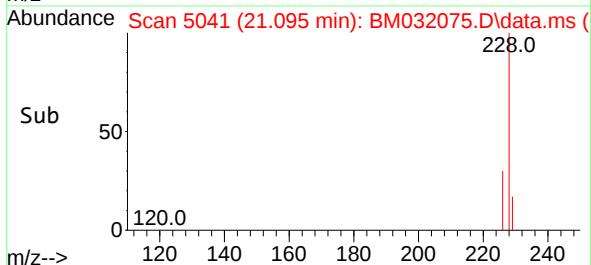
Tgt Ion:228 Resp: 140859
Ion Ratio Lower Upper
228 100
229 20.6 17.1 25.7
226 28.1 23.1 34.7



#22
Chrysene
Concen: 6.071 ng/ul
RT: 21.095 min Scan# 5041
Delta R.T. -0.014 min
Lab File: BM032075.D
Acq: 04 Sep 2021 13:33



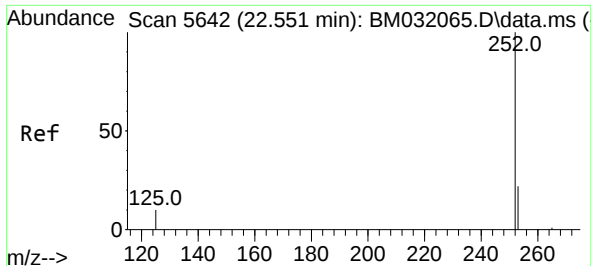
Tgt Ion:228 Resp: 156151
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.2
229 21.5 16.3 24.5



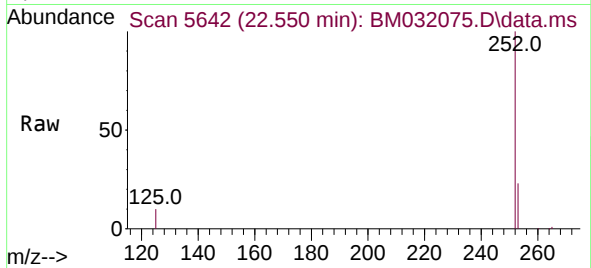
Instrument :
BNA_M
ClientSampleId :
C0AS4

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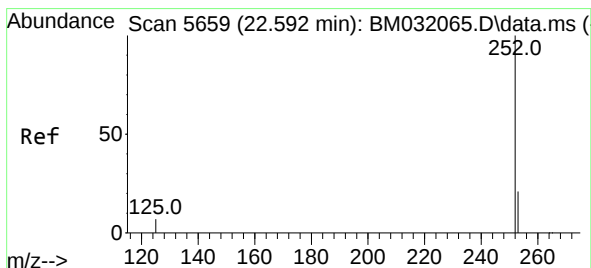
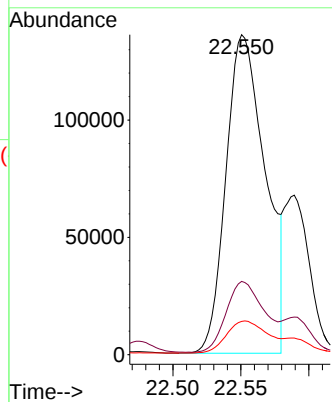
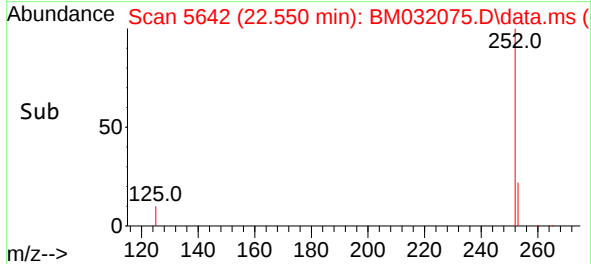
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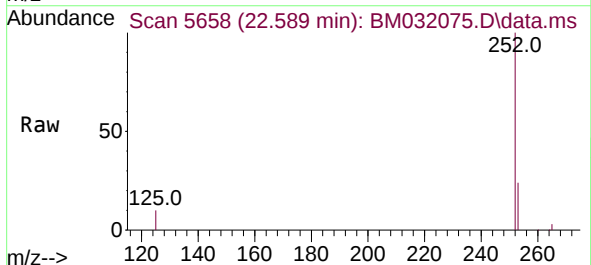
#24
Benzo(b)fluoranthene
Concen: 8.895 ng/ul m
RT: 22.550 min Scan# 5642
Delta R.T. -0.014 min
Lab File: BM032075.D
Acq: 04 Sep 2021 13:33



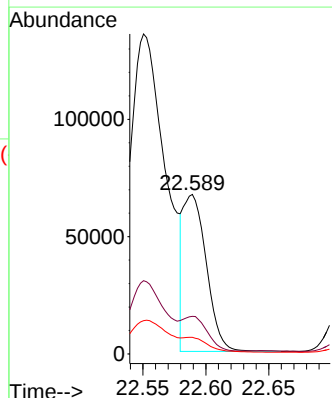
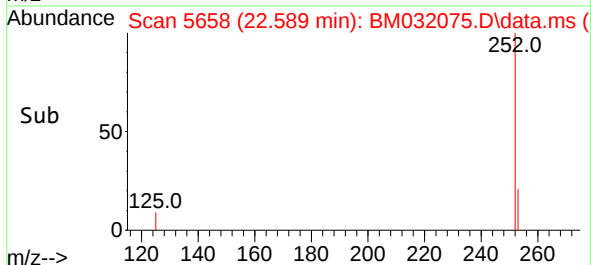
Tgt Ion:252 Resp: 274379
Ion Ratio Lower Upper
252 100
253 22.9 0.0 61.0
125 10.4 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 2.682 ng/ul m
RT: 22.589 min Scan# 5658
Delta R.T. -0.019 min
Lab File: BM032075.D
Acq: 04 Sep 2021 13:33



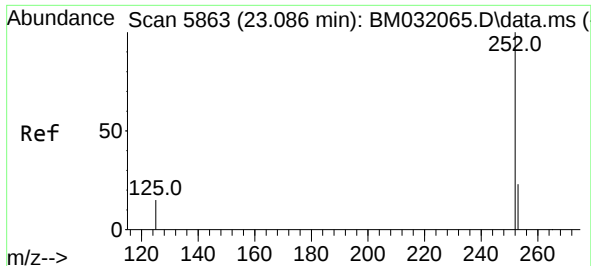
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Ion Ratio Lower Upper
252 100
253 23.6 25.2 37.8#
125 10.5 11.0 16.4#



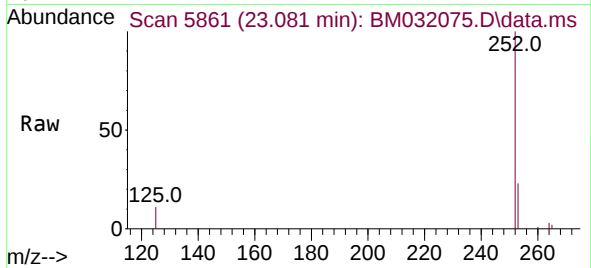
Instrument :
BNA_M
ClientSampled :
C0AS4

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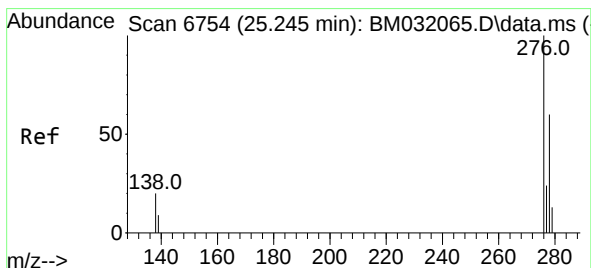
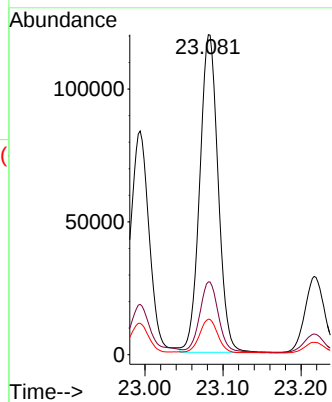
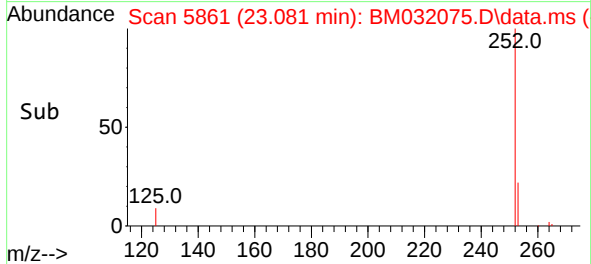
mohammad
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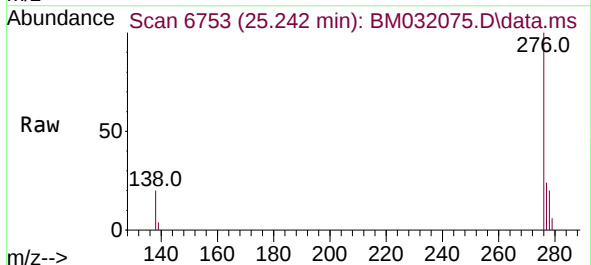
#26
Benzo(a)pyrene
Concen: 7.242 ng/ul
RT: 23.081 min Scan# 5861
Delta R.T. -0.024 min
Lab File: BM032075.D
Acq: 04 Sep 2021 13:33



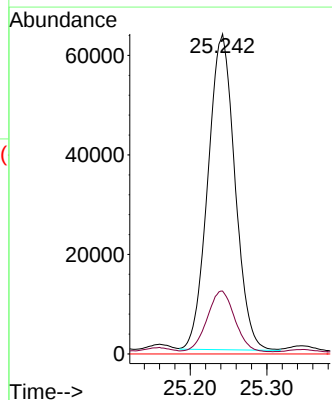
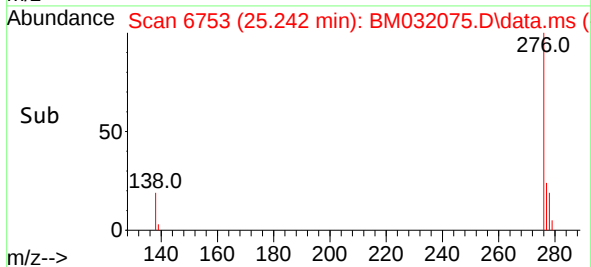
Tgt Ion:252 Resp: 195236
Ion Ratio Lower Upper
252 100
253 22.8 28.8 43.2#
125 11.1 13.9 20.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.221 ng/ul
RT: 25.242 min Scan# 6753
Delta R.T. -0.029 min
Lab File: BM032075.D
Acq: 04 Sep 2021 13:33



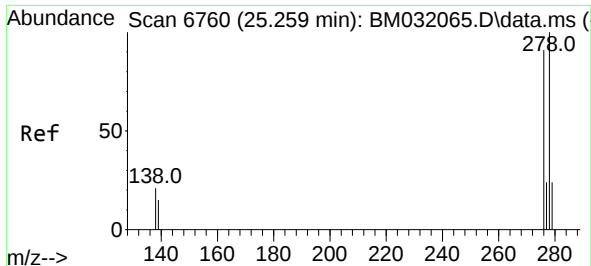
Tgt Ion:276 Resp: 154993
Ion Ratio Lower Upper
276 100
138 20.0 14.1 21.1
227 0.0 0.0 0.0



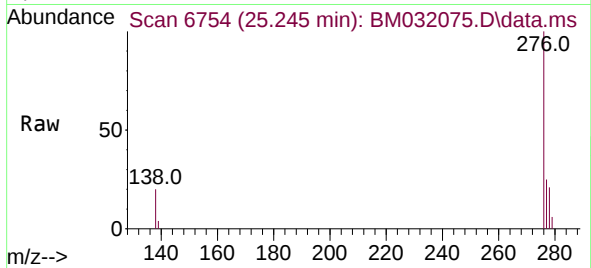
Instrument :
BNA_M
ClientSampleId :
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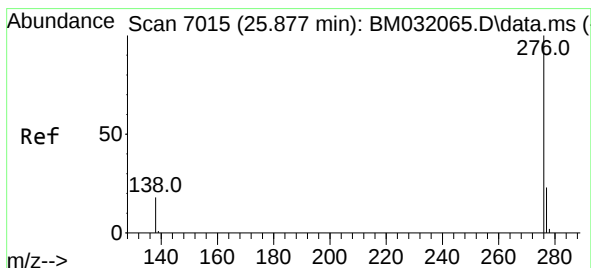
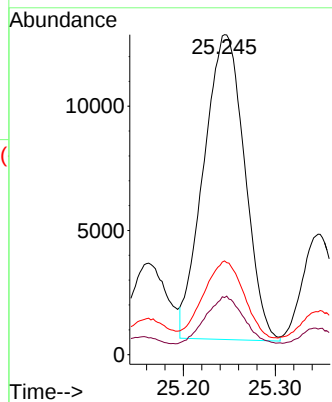
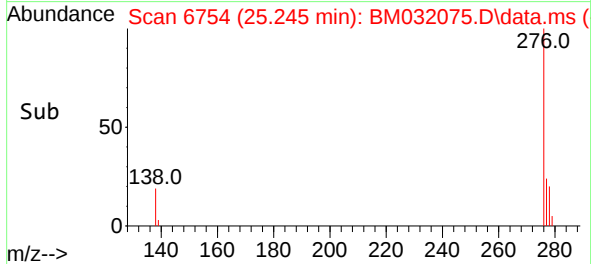
mohammad
9/7/2021 11:38:39 AM



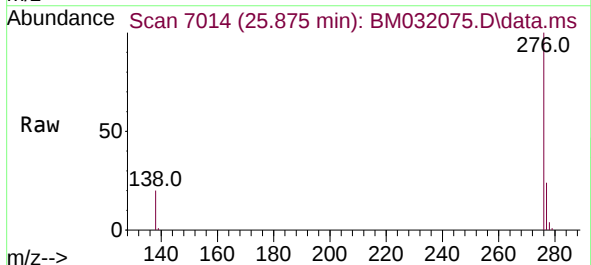
#28
Dibenzo(a,h)anthracene
Concen: 1.289 ng/ul
RT: 25.245 min Scan# 6754
Delta R.T. -0.041 min
Lab File: BM032075.D
Acq: 04 Sep 2021 13:33



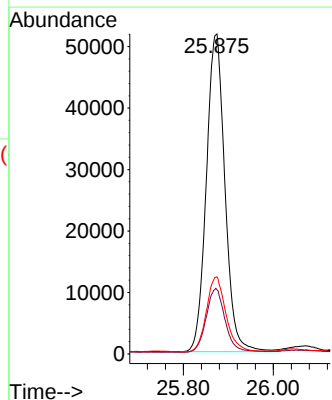
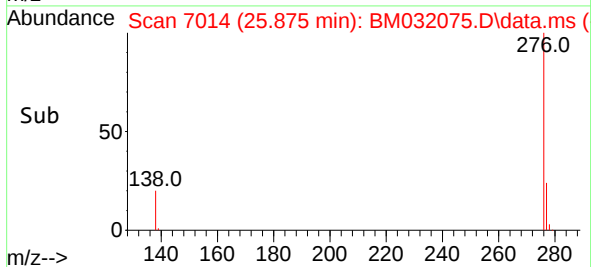
Tgt Ion: 278 Resp: 38038
Ion Ratio Lower Upper
278 100
139 17.9 13.4 20.0
279 29.3 27.2 40.8



#29
Benzo(g,h,i)perylene
Concen: 4.556 ng/ul
RT: 25.875 min Scan# 7014
Delta R.T. -0.029 min
Lab File: BM032075.D
Acq: 04 Sep 2021 13:33



Tgt Ion: 276 Resp: 148885
Ion Ratio Lower Upper
276 100
138 20.1 14.5 21.7
277 24.1 21.2 31.8



Instrument :
BNA_M
ClientSampled :
C0AS4

Manual Integrations
APPROVED

mohammad
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