

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032055.D
 Acq On : 04 Sep 2021 00:42
 Operator : CG/JU
 Sample : M3486-13DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ4DL

Manual Integrations
 APPROVED

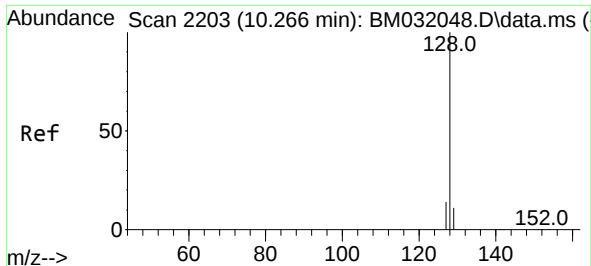
mohammad
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Quant Time: Sep 04 01:15:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 16:21:27 2021
 Response via : Initial Calibration

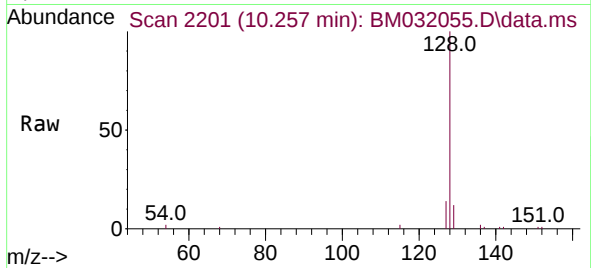
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.455	152	2193	0.400	ng/ul	0.00
4) Naphthalene-d8	10.208	136	7866	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.098	164	4698	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.855	188	9021	0.400	ng/ul	-0.01
17) Chrysene-d12	21.059	240	7172	0.400	ng/ul	-0.01
23) Perylene-d12	23.171	264	7832	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.068	96	1460	0.606	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.809	152	513	0.042	ng/ul	-0.01
18) Fluoranthene-d10	18.888	212	1039	0.049	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.257	128	8382	0.402	ng/ul	96
7) 2-Methylnaphthalene	11.885	142	5891	0.405	ng/ul	99
8) 1-Methylnaphthalene	12.106	142	4497	0.314	ng/ul	97
10) Acenaphthylene	13.815	152	12118	0.639	ng/ul	98
11) Acenaphthene	14.163	153	520	0.034	ng/ul#	93
12) Fluorene	15.164	166	1359	0.075	ng/ul#	88
15) Phenanthrene	16.893	178	14827	0.540	ng/ul	98
16) Anthracene	16.987	178	27878	1.157	ng/ul	97
19) Fluoranthene	18.923	202	43733	1.411	ng/ul	99
20) Pyrene	19.285	202	57595	1.803	ng/ul	100
21) Benzo(a)anthracene	21.042	228	43645	1.666	ng/ul	99
22) Chrysene	21.093	228	102328	3.400	ng/ul	100
24) Benzo(b)fluoranthene	22.548	252	101347m	2.815	ng/ul	
25) Benzo(k)fluoranthene	22.587	252	34889m	0.939	ng/ul	
26) Benzo(a)pyrene	23.076	252	66446	2.112	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.235	276	118918	2.774	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.235	278	28675	0.832	ng/ul#	91
29) Benzo(g,h,i)perylene	25.867	276	133193	3.492	ng/ul	97

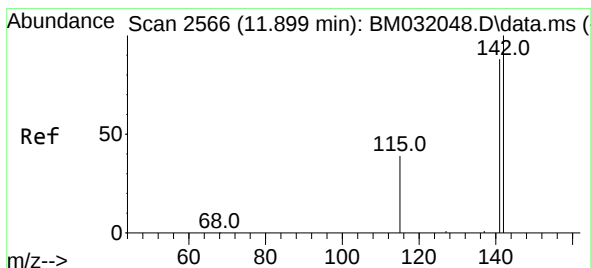
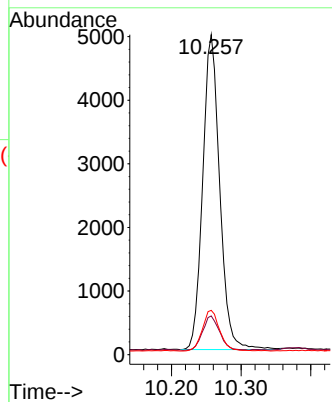
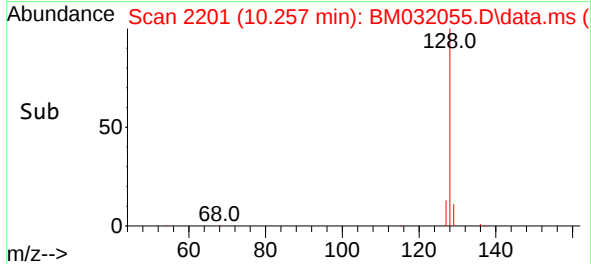
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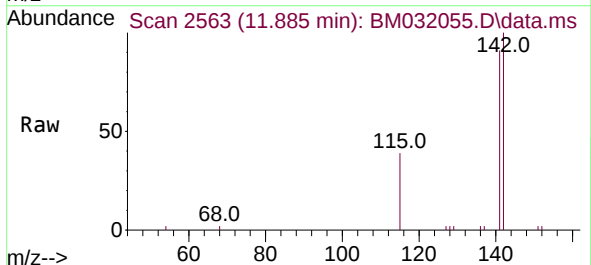
#5
Naphthalene
Concen: 0.402 ng/ul
RT: 10.257 min Scan# 2201
Delta R.T. -0.013 min
Lab File: BM032055.D
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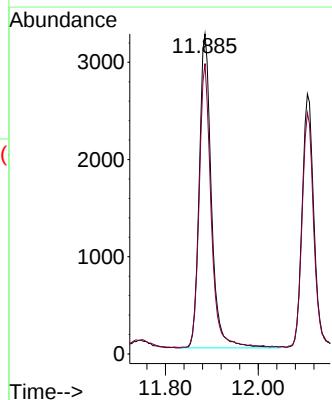
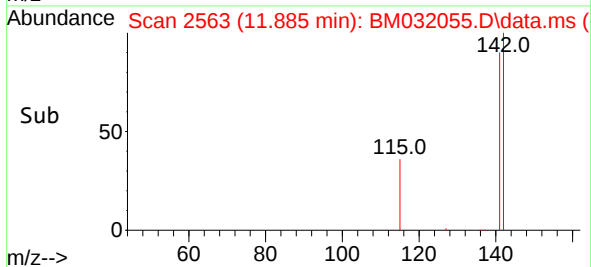
Tgt Ion:128 Resp: 8382
Ion Ratio Lower Upper
128 100
129 12.1 10.9 16.3
127 13.8 12.4 18.6



#7
2-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 11.885 min Scan# 2563
Delta R.T. -0.013 min
Lab File: BM032055.D
Acq: 04 Sep 2021 00:42



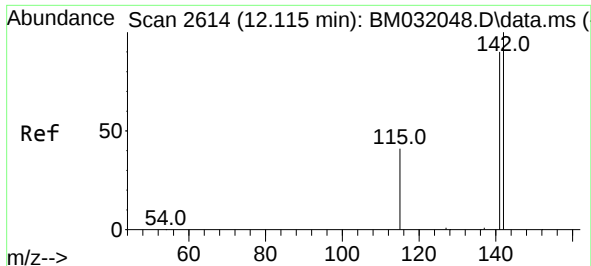
Tgt Ion:142 Resp: 5891
Ion Ratio Lower Upper
142 100
141 88.6 70.3 105.5



Instrument :
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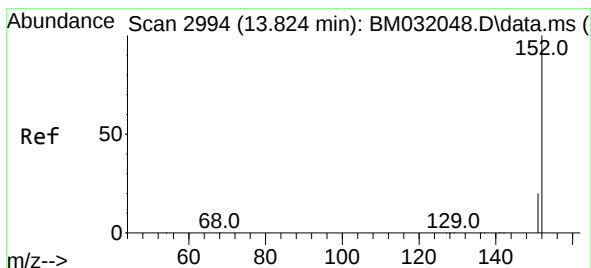
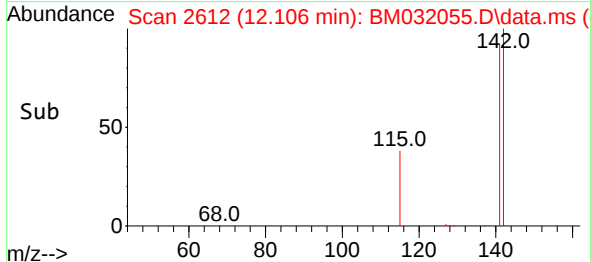
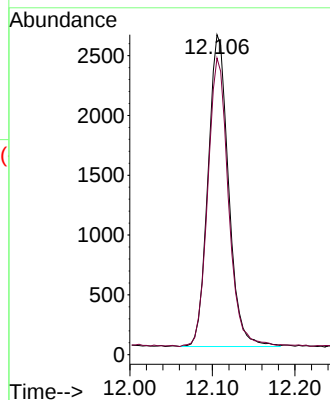
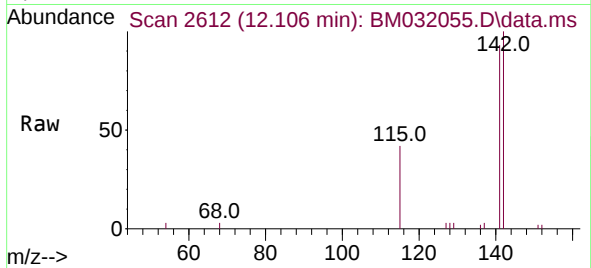
#8
1-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.106 min Scan# 2612
Delta R.T. -0.009 min
Lab File: BM032055.D
Acq: 04 Sep 2021 00:42

Tgt Ion:142 Resp: 4497
Ion Ratio Lower Upper
142 100
141 93.3 72.2 108.2

Instrument :
BNA_M
ClientSampleId :
C0AZ4DL

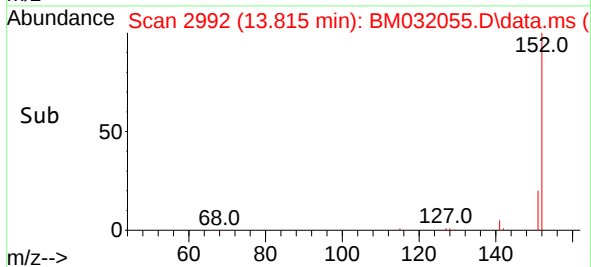
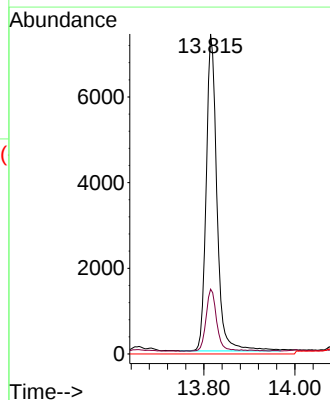
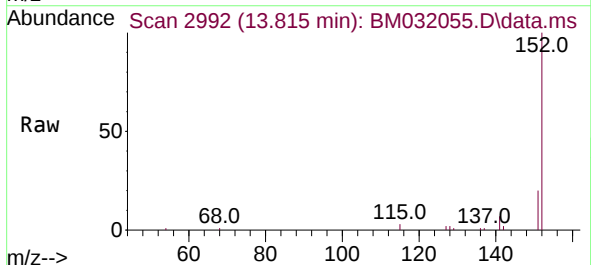
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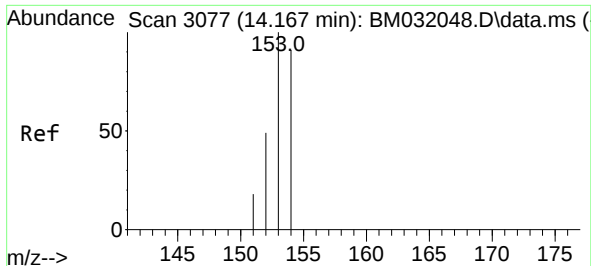
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#10
Acenaphthylene
Concen: 0.639 ng/ul
RT: 13.815 min Scan# 2992
Delta R.T. -0.009 min
Lab File: BM032055.D
Acq: 04 Sep 2021 00:42

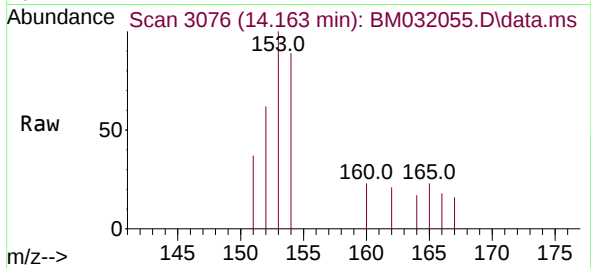
Tgt Ion:152 Resp: 12118
Ion Ratio Lower Upper
152 100
151 20.3 17.0 25.4
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.163 min Scan# 3076
Delta R.T. -0.004 min
Lab File: BM032055.D
Acq: 04 Sep 2021 00:42

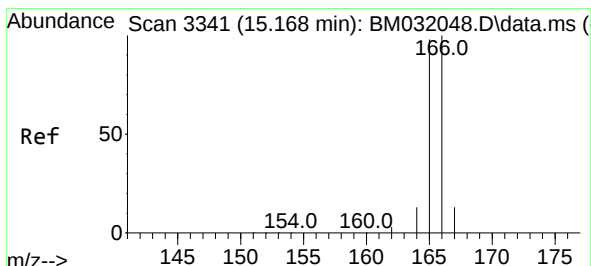
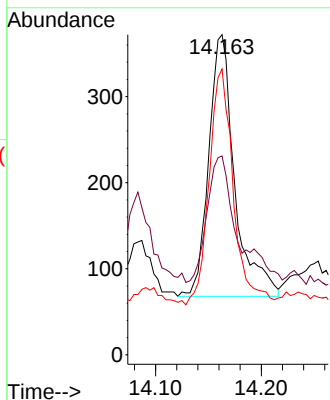
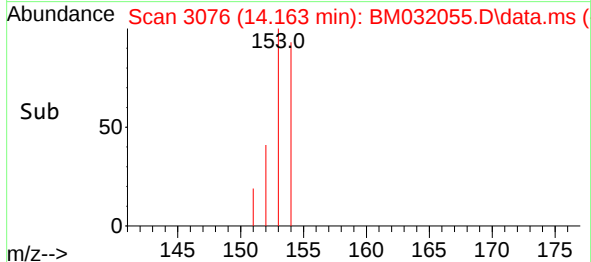
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ClientSampleID :
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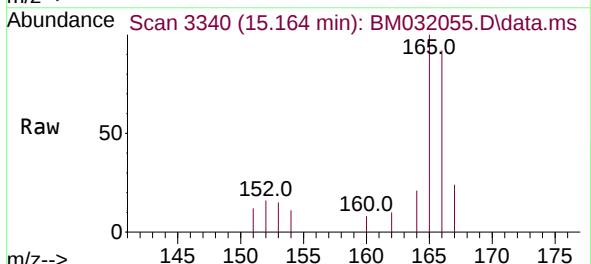
Tgt Ion:153 Resp: 520
Ion Ratio Lower Upper
153 100
152 62.1 41.0 61.4#
154 89.2 70.5 105.7

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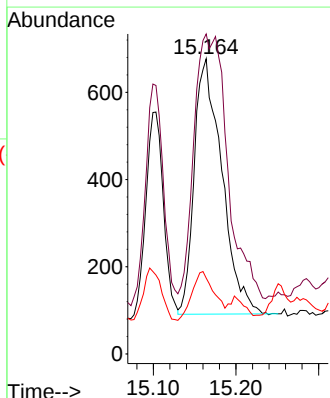
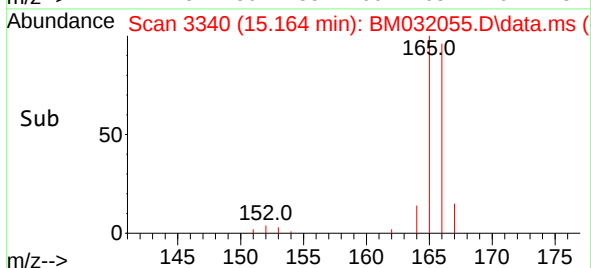
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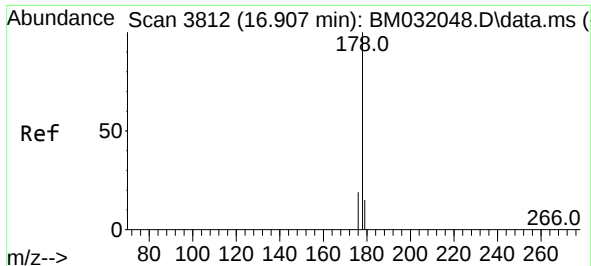


#12
Fluorene
Concen: 0.075 ng/ul
RT: 15.164 min Scan# 3340
Delta R.T. -0.008 min
Lab File: BM032055.D
Acq: 04 Sep 2021 00:42



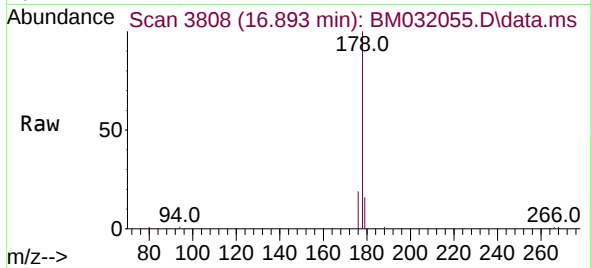
Tgt Ion:166 Resp: 1359
Ion Ratio Lower Upper
166 100
165 108.4 78.3 117.5
167 25.7 12.5 18.7#





#15
Phenanthrene
Concen: 0.540 ng/ul
RT: 16.893 min Scan# 3808
Delta R.T. -0.014 min
Lab File: BM032055.D
Acq: 04 Sep 2021 00:42

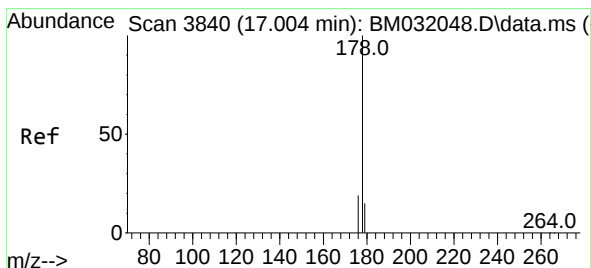
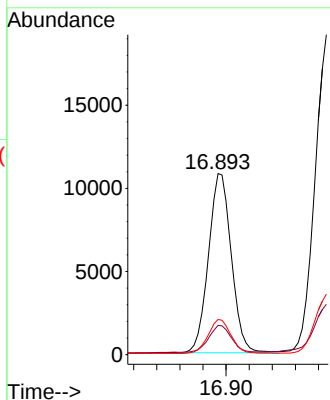
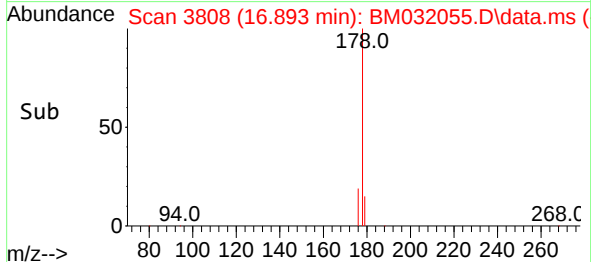
Instrument :
BNA_M
ClientSampleId :
C0AZ4DL



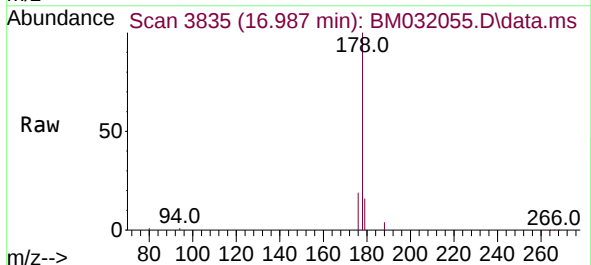
Tgt Ion:178 Resp: 14827
Ion Ratio Lower Upper
178 100
179 16.2 13.3 19.9
176 19.5 16.7 25.1

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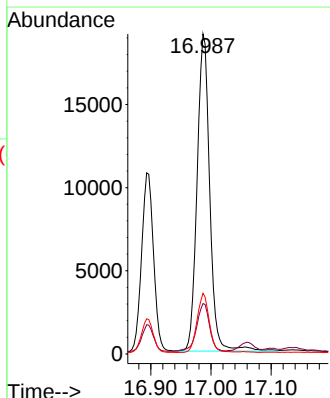
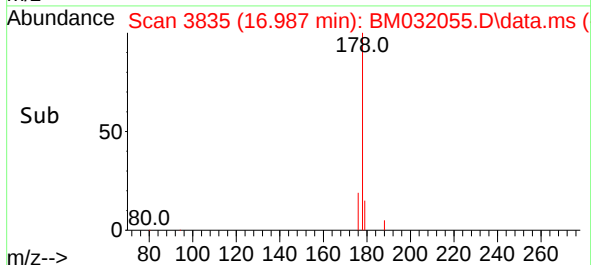
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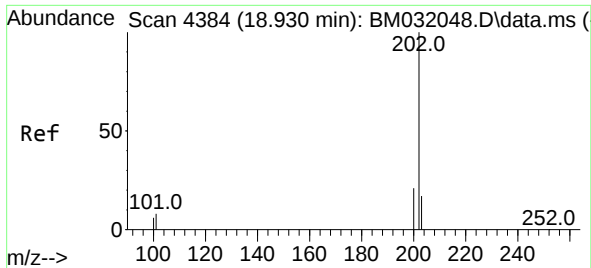


#16
Anthracene
Concen: 1.157 ng/ul
RT: 16.987 min Scan# 3835
Delta R.T. -0.021 min
Lab File: BM032055.D
Acq: 04 Sep 2021 00:42

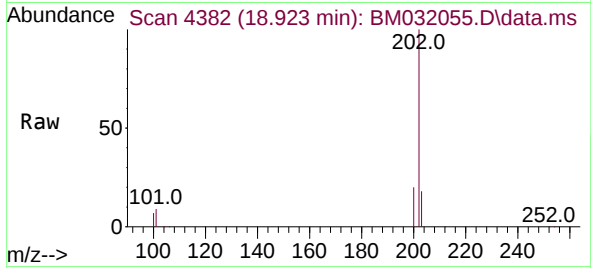


Tgt Ion:178 Resp: 27878
Ion Ratio Lower Upper
178 100
179 15.7 14.3 21.5
176 18.9 15.8 23.8

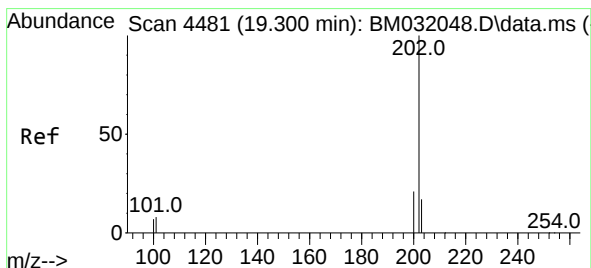
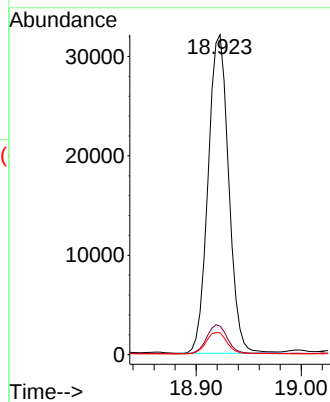
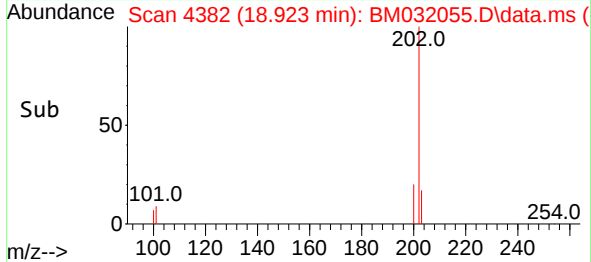




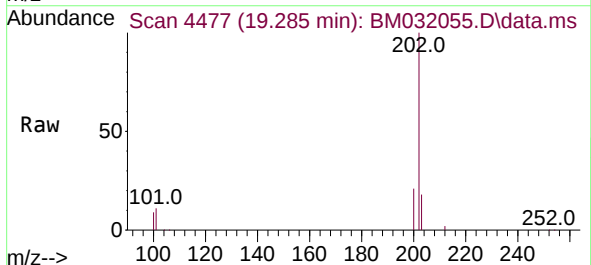
#19
Fluoranthene
Concen: 1.411 ng/ul
RT: 18.923 min Scan# 4382
Delta R.T. -0.011 min
Lab File: BM032055.D
Acq: 04 Sep 2021 00:42



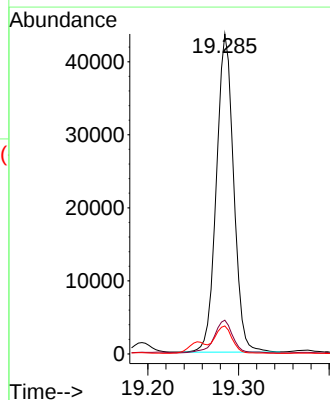
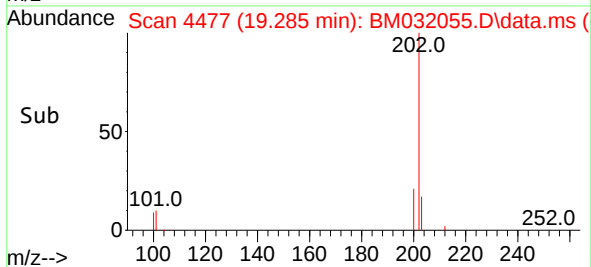
Tgt Ion:202 Resp: 43733
Ion Ratio Lower Upper
202 100
101 9.0 7.2 10.8
100 6.8 5.8 8.6



#20
Pyrene
Concen: 1.803 ng/ul
RT: 19.285 min Scan# 4477
Delta R.T. -0.015 min
Lab File: BM032055.D
Acq: 04 Sep 2021 00:42



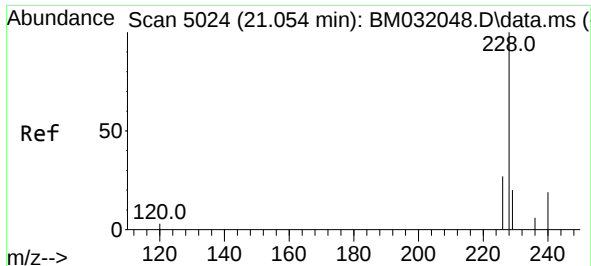
Tgt Ion:202 Resp: 57595
Ion Ratio Lower Upper
202 100
101 10.6 8.2 12.4
100 8.7 7.0 10.6



Instrument :
BNA_M
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C0AZ4DL

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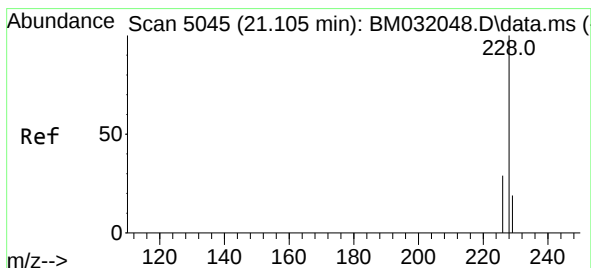
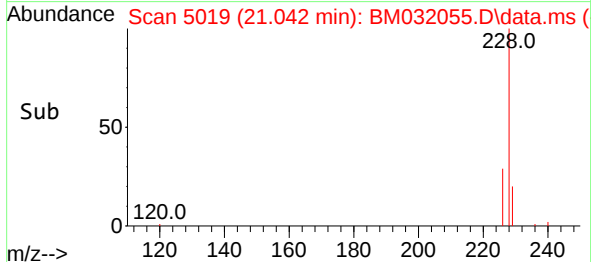
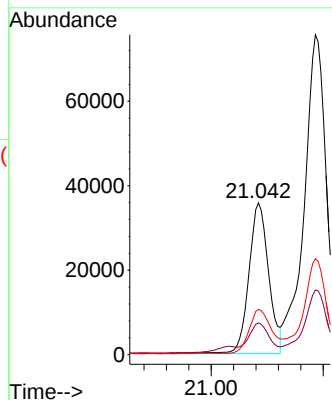
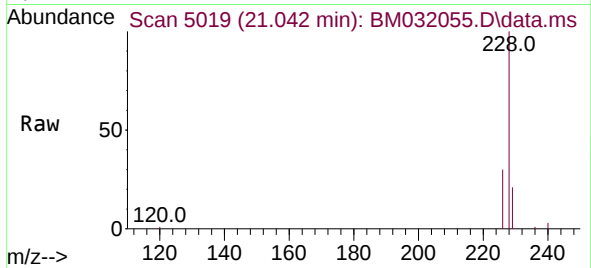
#21
Benzo(a)anthracene
Concen: 1.666 ng/u1
RT: 21.042 min Scan# 5019
Delta R.T. -0.017 min
Lab File: BM032055.D
Acq: 04 Sep 2021 00:42

Tgt Ion:228	Resp:	43645
Ion Ratio	Lower	Upper
228	100	
229	21.0	17.1 25.7
226	29.8	23.1 34.7

Instrument :
BNA_M
ClientSampled :
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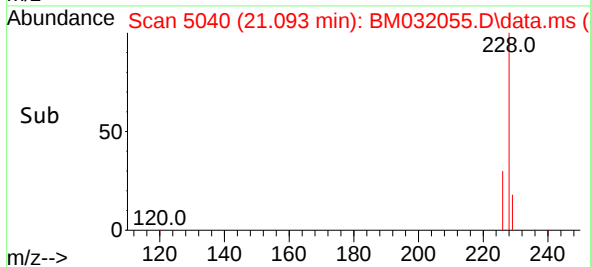
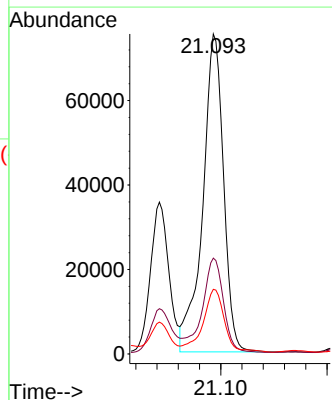
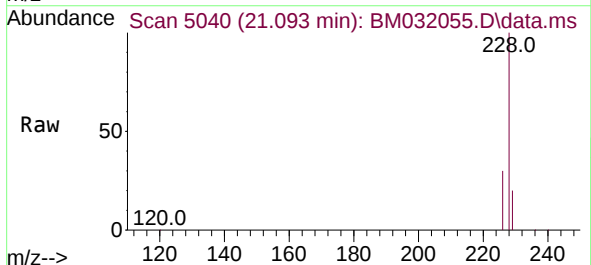
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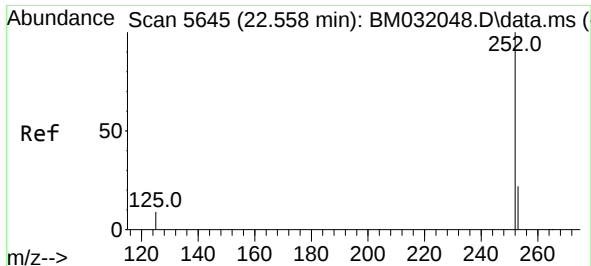
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#22
Chrysene
Concen: 3.400 ng/u1
RT: 21.093 min Scan# 5040
Delta R.T. -0.017 min
Lab File: BM032055.D
Acq: 04 Sep 2021 00:42

Tgt Ion:228	Resp:	102328
Ion Ratio	Lower	Upper
228	100	
226	30.0	24.2 36.2
229	20.2	16.3 24.5





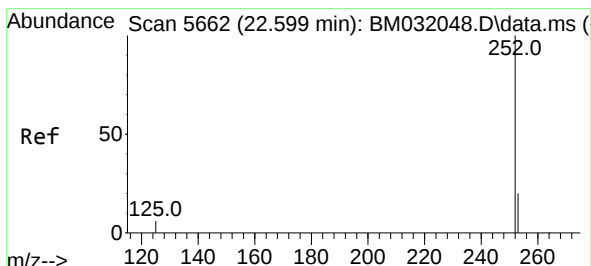
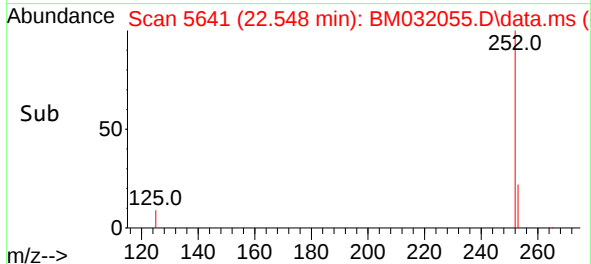
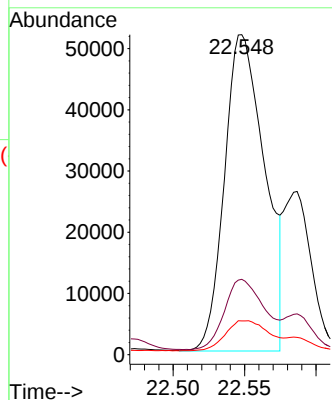
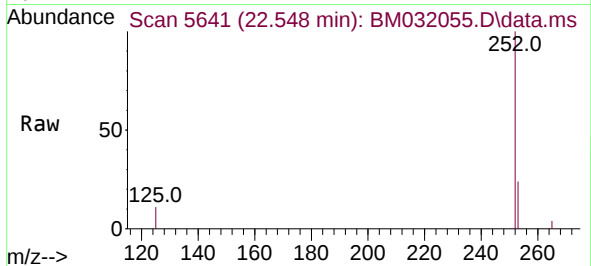
#24
Benzo(b)fluoranthene
Concen: 2.815 ng/ul m
RT: 22.548 min Scan# 5641
Delta R.T. -0.017 min
Lab File: BM032055.D
Acq: 04 Sep 2021 00:42

Tgt Ion:252 Resp: 101347
Ion Ratio Lower Upper
252 100
253 23.6 0.0 61.0
125 10.6 0.0 28.4

Instrument :
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ClientSampleId :
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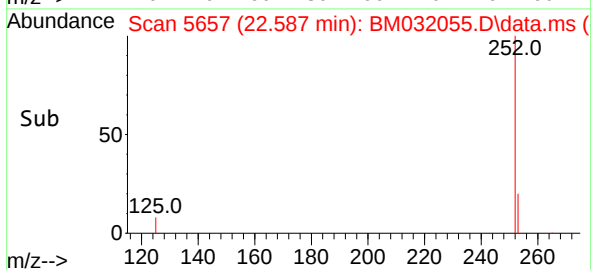
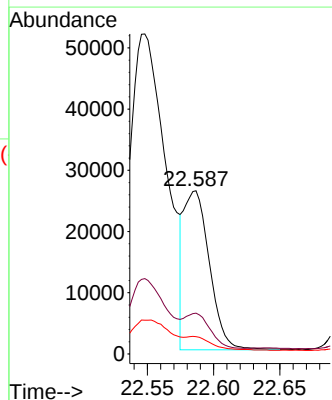
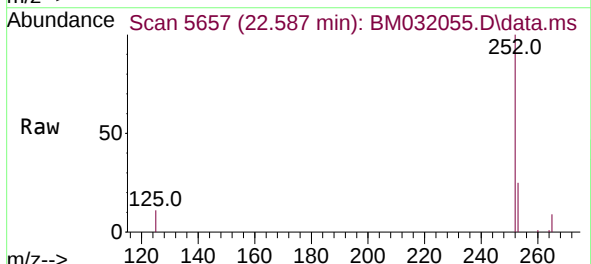
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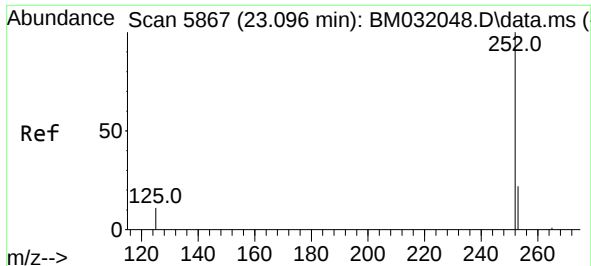
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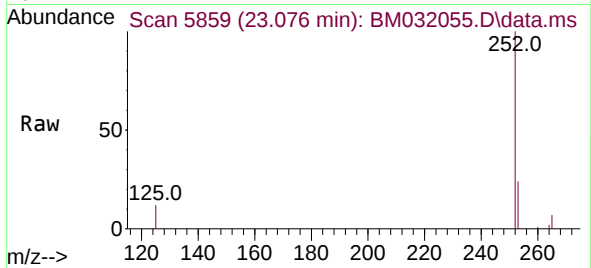
#25
Benzo(k)fluoranthene
Concen: 0.939 ng/ul m
RT: 22.587 min Scan# 5657
Delta R.T. -0.022 min
Lab File: BM032055.D
Acq: 04 Sep 2021 00:42

Tgt Ion:252 Resp: 34889
Ion Ratio Lower Upper
252 100
253 24.9 25.2 37.8#
125 10.6 11.0 16.4#

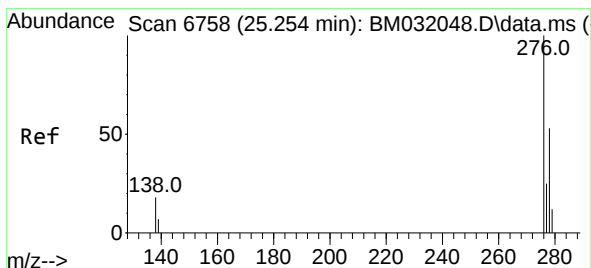
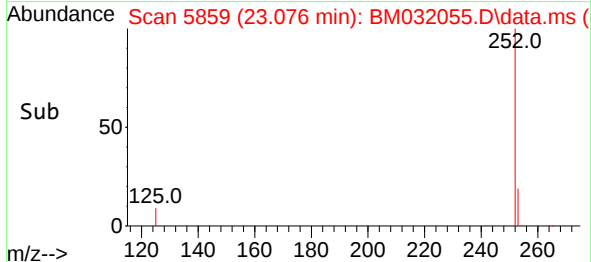
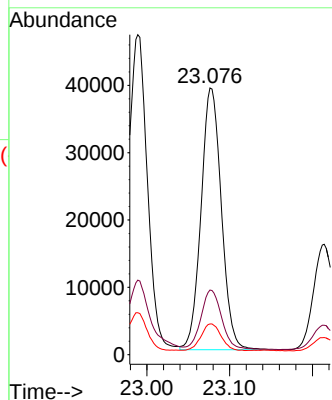




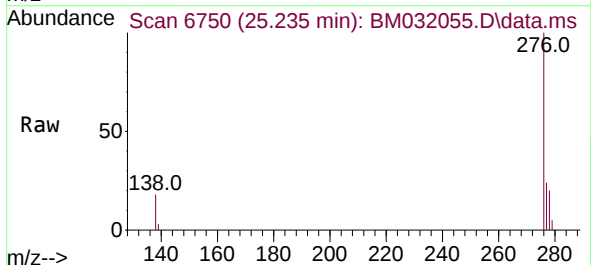
#26
Benzo(a)pyrene
Concen: 2.112 ng/ul
RT: 23.076 min Scan# 5859
Delta R.T. -0.029 min
Lab File: BM032055.D
Acq: 04 Sep 2021 00:42



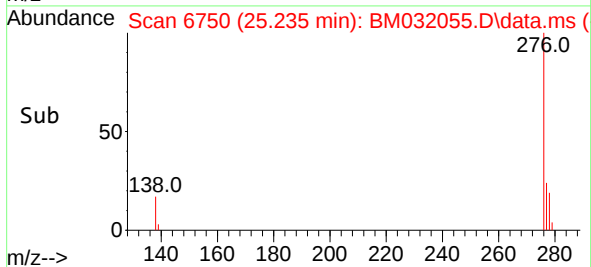
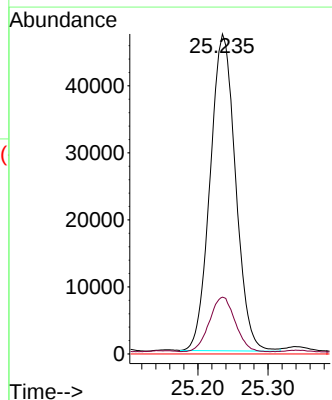
Tgt Ion:252 Resp: 66446
Ion Ratio Lower Upper
252 100
253 24.2 28.8 43.2#
125 11.5 13.9 20.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.774 ng/ul
RT: 25.235 min Scan# 6750
Delta R.T. -0.036 min
Lab File: BM032055.D
Acq: 04 Sep 2021 00:42



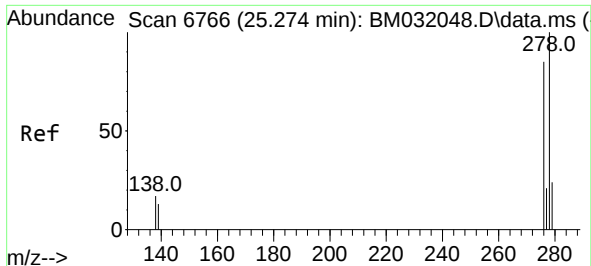
Tgt Ion:276 Resp: 118918
Ion Ratio Lower Upper
276 100
138 17.7 14.1 21.1
227 0.0 0.0 0.0



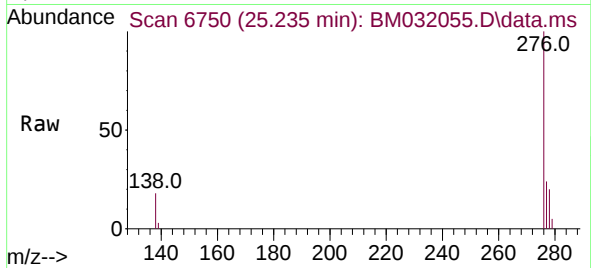
Instrument :
BNA_M
ClientSampleId :
C0AZ4DL

Manual Integrations
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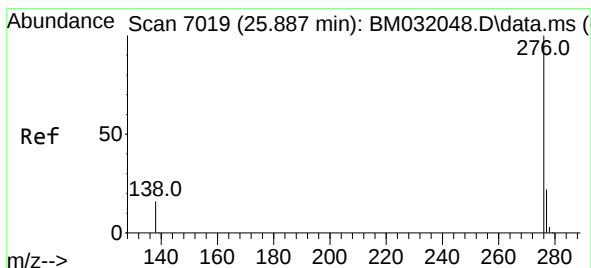
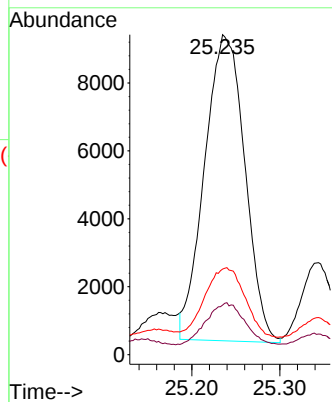
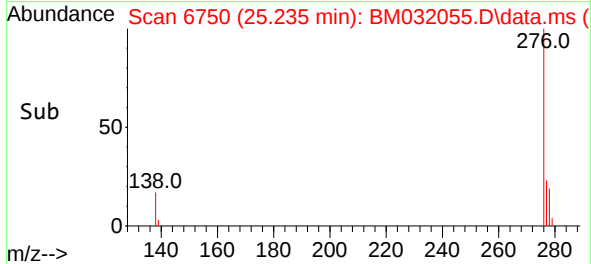
mohammad
9/7/2021 11:37:41 AM



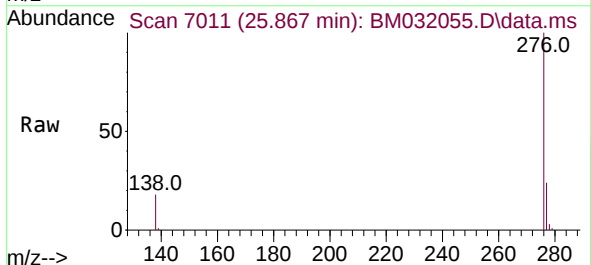
#28
Dibenzo(a,h)anthracene
Concen: 0.832 ng/ul
RT: 25.235 min Scan# 6750
Delta R.T. -0.051 min
Lab File: BM032055.D
Acq: 04 Sep 2021 00:42



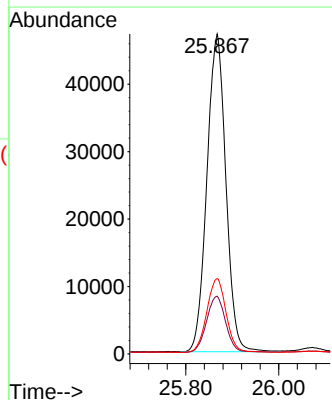
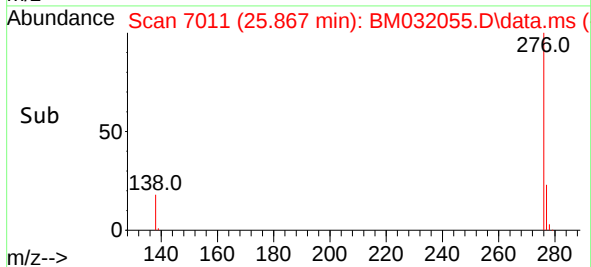
Tgt Ion: 278 Resp: 28675
Ion Ratio Lower Upper
278 100
139 15.5 13.4 20.0
279 26.7 27.2 40.8#



#29
Benzo(g,h,i)perylene
Concen: 3.492 ng/ul
RT: 25.867 min Scan# 7011
Delta R.T. -0.036 min
Lab File: BM032055.D
Acq: 04 Sep 2021 00:42



Tgt Ion: 276 Resp: 133193
Ion Ratio Lower Upper
276 100
138 18.1 14.5 21.7
277 23.6 21.2 31.8



Instrument :
BNA_M
ClientSampleId :
C0AZ4DL

Manual Integrations
APPROVED

mohammad
9/7/2021 11:37:41 AM