

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032614.D
 Acq On : 20 Oct 2021 11:48
 Operator : CG/JU
 Sample : M4181-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B43

Manual Integrations
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 10/21/2021 11:16:54 AM

Quant Time: Oct 20 13:11:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 19 15:20:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	5392	0.40	ng/ul	0.00
4) Naphthalene-d8	10.339	136	16467	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	7094	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	11744	0.40	ng/ul	0.00
17) Chrysene-d12	21.123	240	8577	0.40	ng/ul	0.00
23) Perylene-d12	23.261	264	8002	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.923	96	17873	2.96	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	2659	0.12	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	3646	0.14	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.388	128	2409	0.05	ng/ul#	92
7) 2-Methylnaphthalene	12.012	142	1396	0.04	ng/ul	97
8) 1-Methylnaphthalene	12.232	142	1047	0.03	ng/ul	98
10) Acenaphthylene	13.928	152	1917	0.06	ng/ul	92
12) Fluorene	15.259	166	657	0.02	ng/ul#	92
15) Phenanthrene	16.988	178	15099	0.38	ng/ul	100
16) Anthracene	17.078	178	4024	0.12	ng/ul	95
19) Fluoranthene	19.004	202	46083	1.09	ng/ul	99
20) Pyrene	19.366	202	27406	0.63	ng/ul	98
21) Benzo(a)anthracene	21.108	228	19897	0.59	ng/ul	98
22) Chrysene	21.159	228	22286	0.60	ng/ul	98
24) Benzo(b)fluoranthene	22.629	252	30077m	0.81	ng/ul	
25) Benzo(k)fluoranthene	22.665	252	12441m	0.34	ng/ul	
26) Benzo(a)pyrene	23.167	252	6875	0.22	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.371	276	7964	0.21	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.371	278	3389	0.11	ng/ul#	68

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

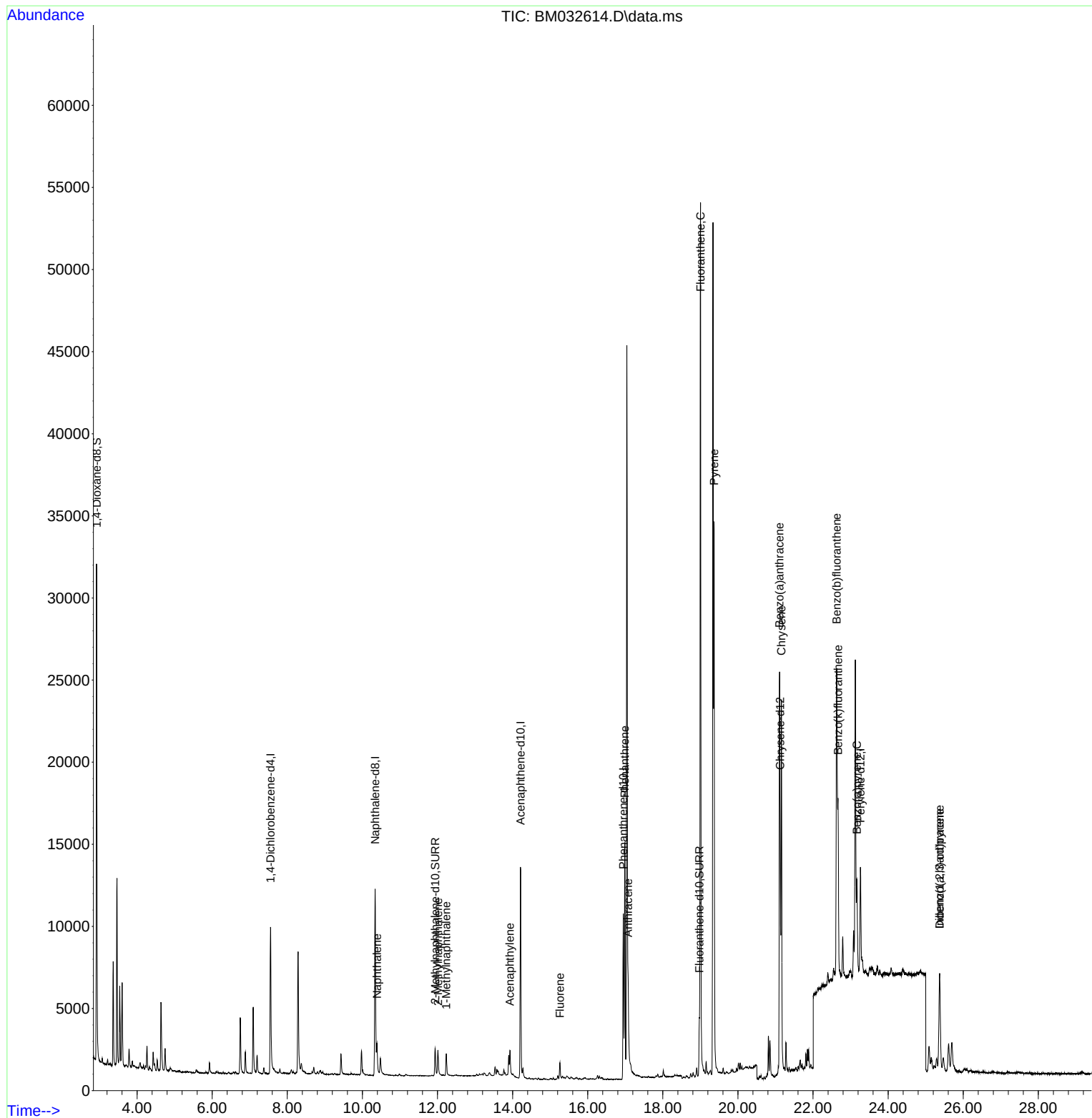
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032614.D
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ALS Vial : 33 Sample Multiplier: 1

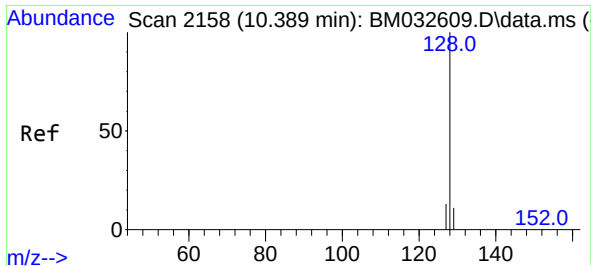
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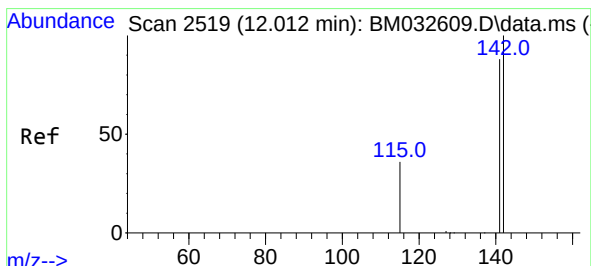
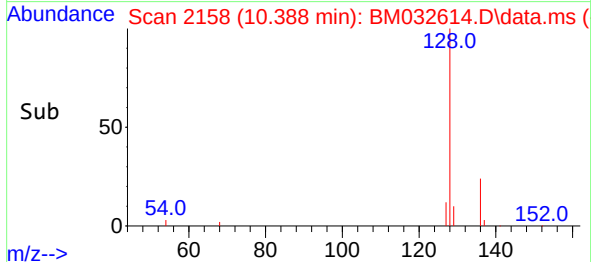
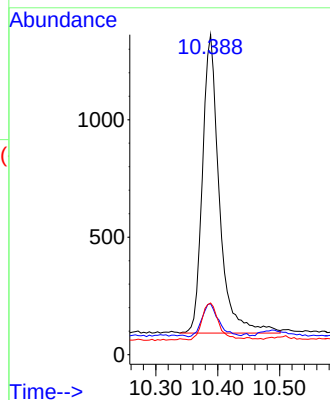
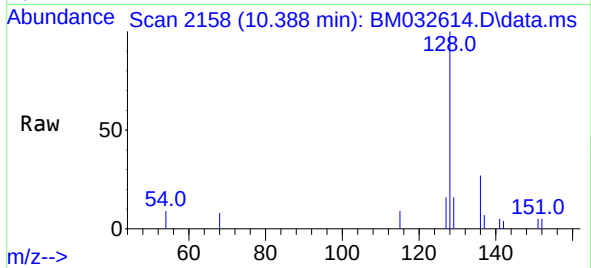
#5
Naphthalene
Concen: 0.05 ng/ul
RT: 10.388 min Scan# 2158
Delta R.T. -0.005 min
Lab File: BM032614.D
Acq: 20 Oct 2021 11:48

Tgt Ion:128 Resp: 2409
Ion Ratio Lower Upper
128 100
129 15.9 9.1 13.7#
127 16.2 11.1 16.7

Instrument :
BNA_M
ClientSampleId :
C0B43

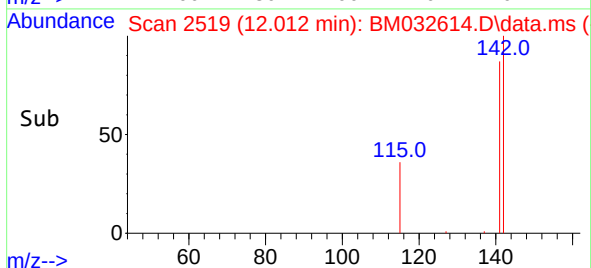
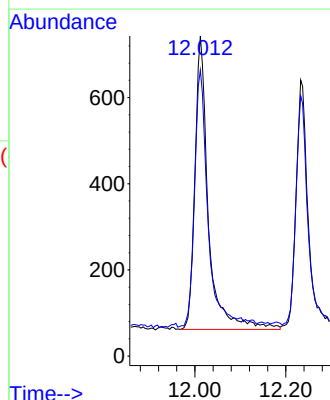
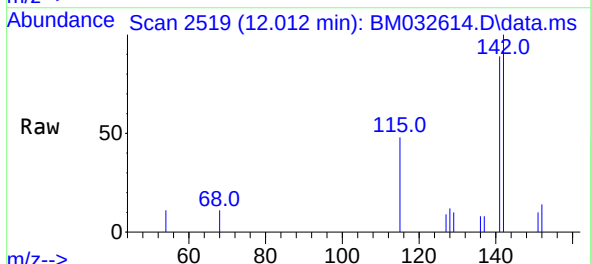
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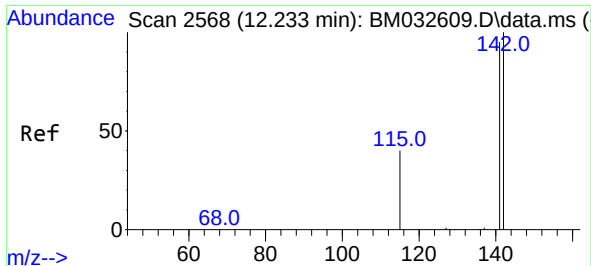
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#7
2-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.012 min Scan# 2519
Delta R.T. -0.000 min
Lab File: BM032614.D
Acq: 20 Oct 2021 11:48

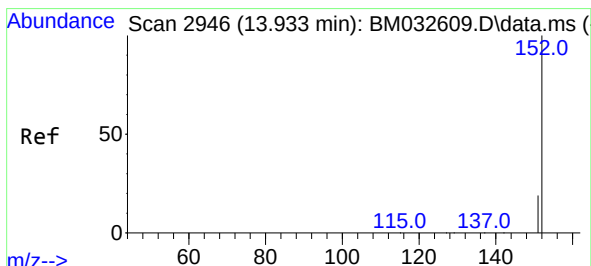
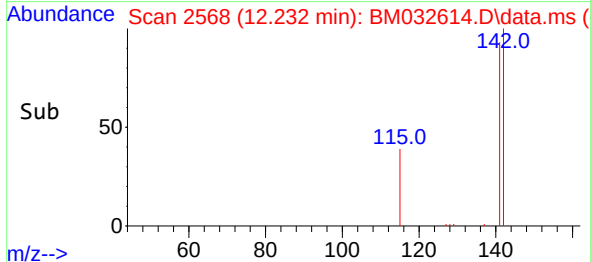
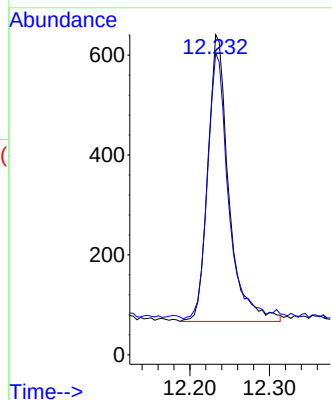
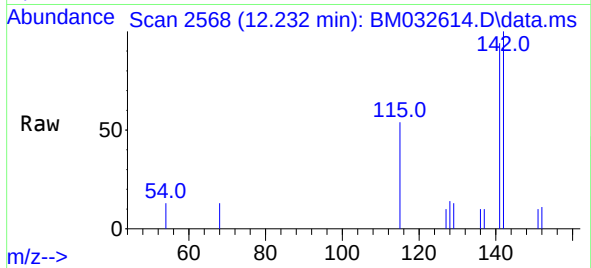
Tgt Ion:142 Resp: 1396
Ion Ratio Lower Upper
142 100
141 87.2 72.2 108.2





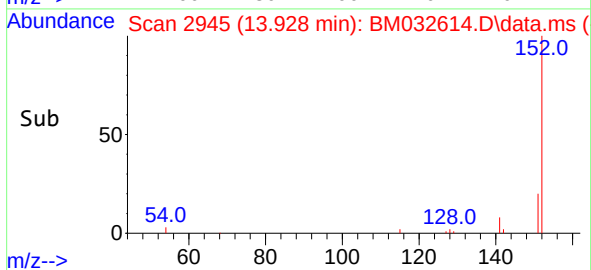
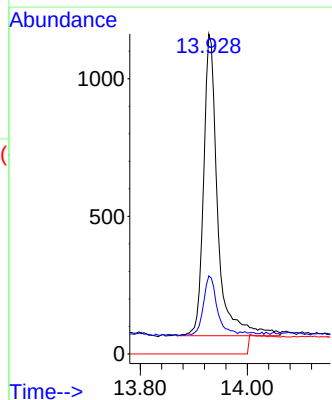
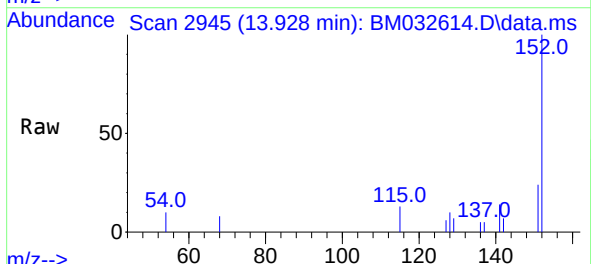
#8
1-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.232 min Scan# 2568
Delta R.T. -0.005 min
Lab File: BM032614.D
Acq: 20 Oct 2021 11:48

Tgt Ion:142 Resp: 1047
Ion Ratio Lower Upper
142 100
141 91.6 74.9 112.3



#10
Acenaphthylene
Concen: 0.06 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.005 min
Lab File: BM032614.D
Acq: 20 Oct 2021 11:48

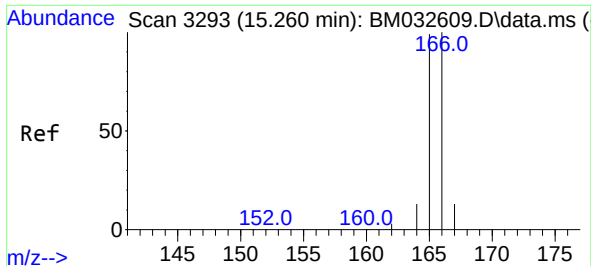
Tgt Ion:152 Resp: 1917
Ion Ratio Lower Upper
152 100
151 24.4 16.7 25.1
153 0.0 0.0 0.0



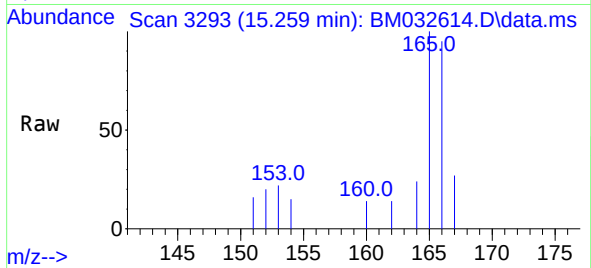
Instrument :
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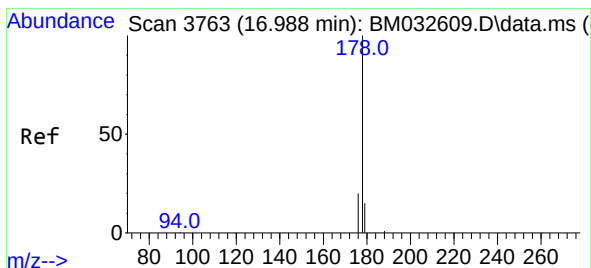
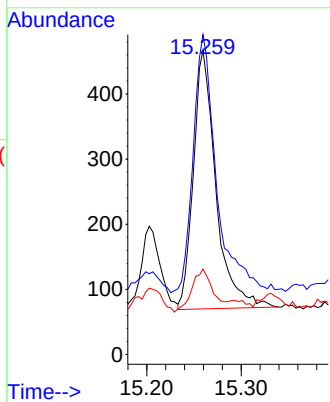
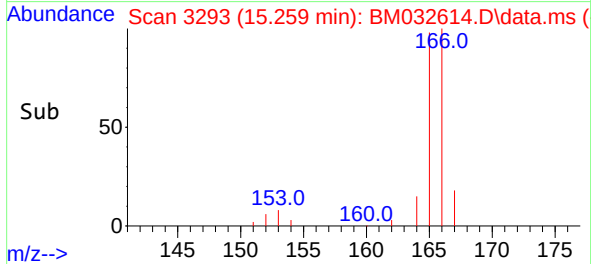
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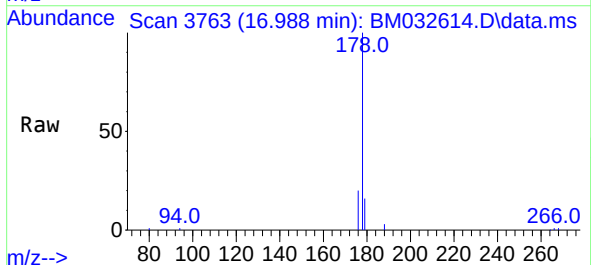
#12
Fluorene
Concen: 0.02 ng/ul
RT: 15.259 min Scan# 3293
Delta R.T. -0.004 min
Lab File: BM032614.D
Acq: 20 Oct 2021 11:48



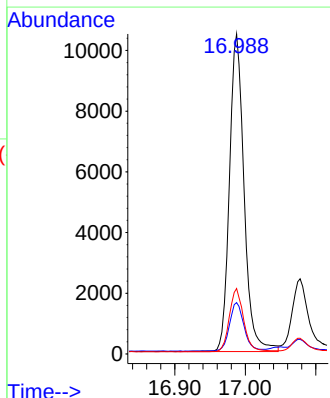
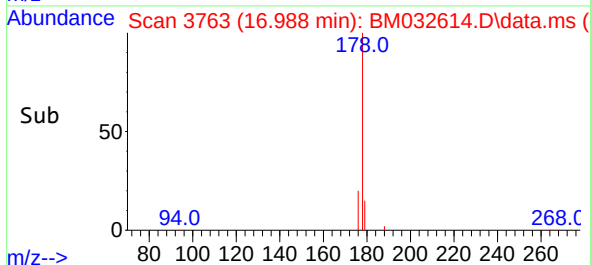
Tgt Ion:166 Resp: 657
Ion Ratio Lower Upper
166 100
165 105.1 80.7 121.1
167 28.1 11.2 16.8#



#15
Phenanthrene
Concen: 0.38 ng/ul
RT: 16.988 min Scan# 3763
Delta R.T. -0.000 min
Lab File: BM032614.D
Acq: 20 Oct 2021 11:48



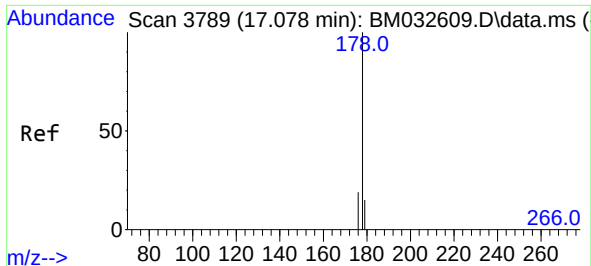
Tgt Ion:178 Resp: 15099
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 20.5 16.1 24.1



Instrument :
BNA_M
ClientSampleId :
C0B43

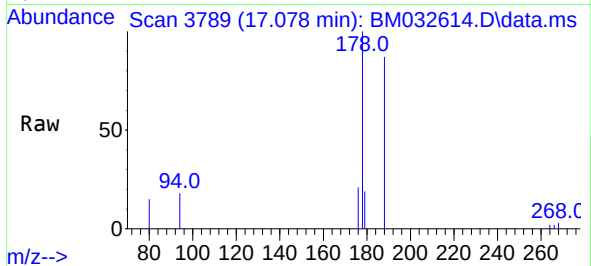
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#16
Anthracene
Concen: 0.12 ng/ul
RT: 17.078 min Scan# 3789
Delta R.T. -0.000 min
Lab File: BM032614.D
Acq: 20 Oct 2021 11:48

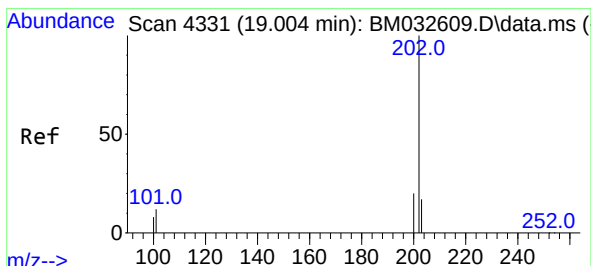
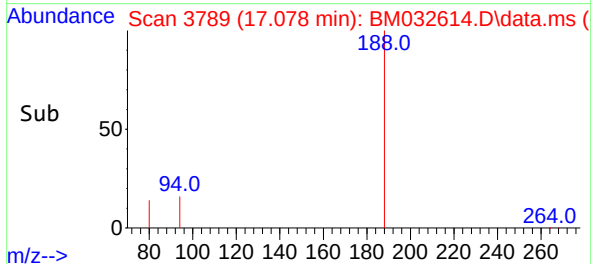
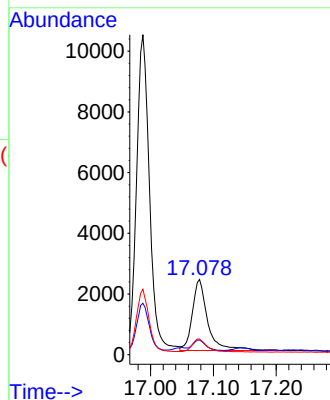
Instrument :
BNA_M
ClientSampled :
C0B43



Tgt Ion:	178	Resp:	4024
Ion	Ratio	Lower	Upper
178	100		
179	19.3	12.9	19.3
176	20.9	15.8	23.6

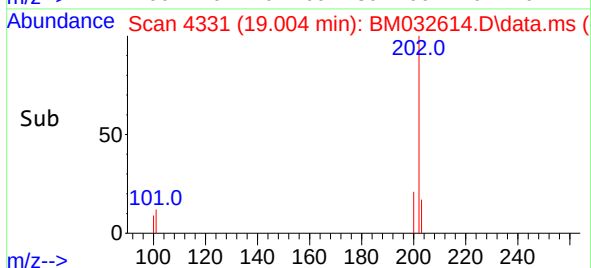
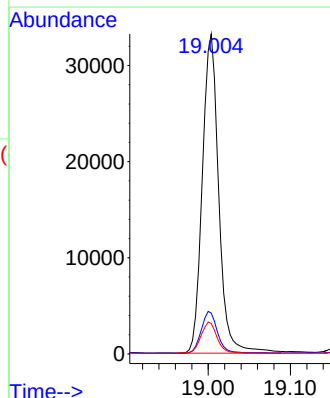
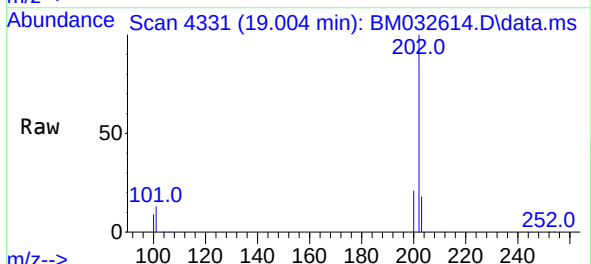
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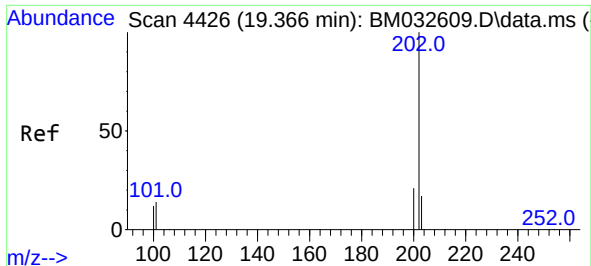
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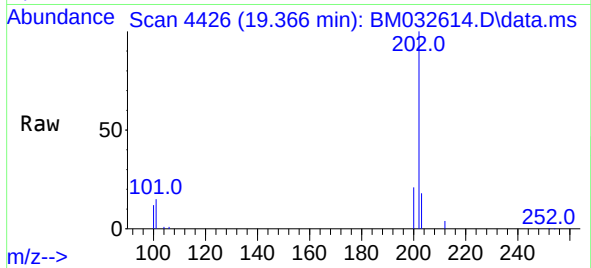
#19
Fluoranthene
Concen: 1.09 ng/ul
RT: 19.004 min Scan# 4331
Delta R.T. -0.000 min
Lab File: BM032614.D
Acq: 20 Oct 2021 11:48

Tgt Ion:	202	Resp:	46083
Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.6	16.0
100	9.5	7.8	11.8

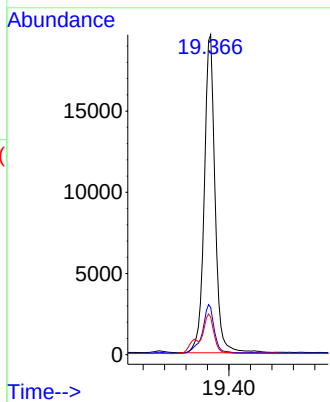
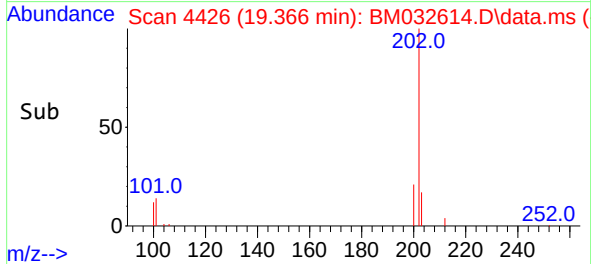




#20
Pyrene
Concen: 0.63 ng/ul
RT: 19.366 min Scan# 4426
Delta R.T. -0.000 min
Lab File: BM032614.D
Acq: 20 Oct 2021 11:48



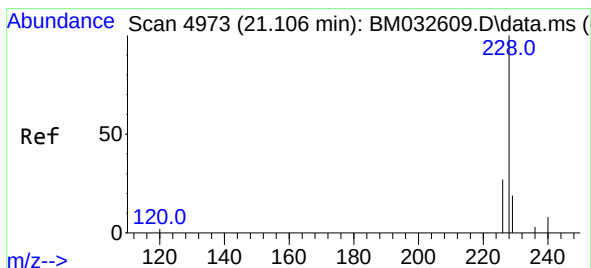
Tgt Ion:202 Resp: 27406
Ion Ratio Lower Upper
202 100
101 14.7 12.3 18.5
100 11.8 10.1 15.1



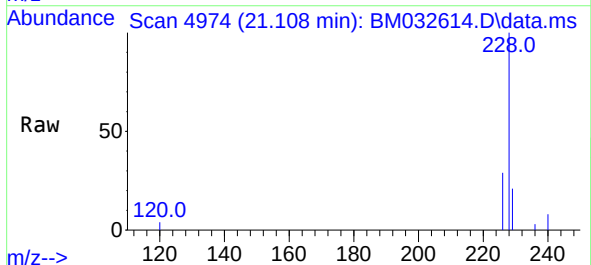
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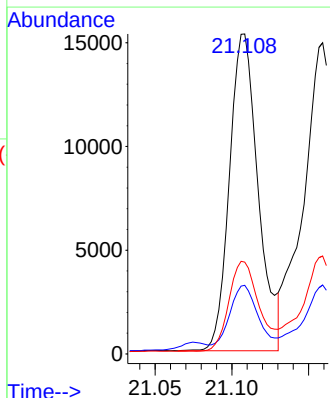
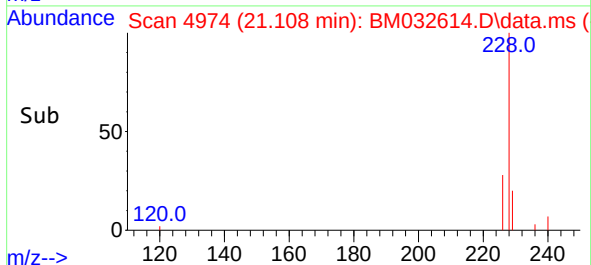
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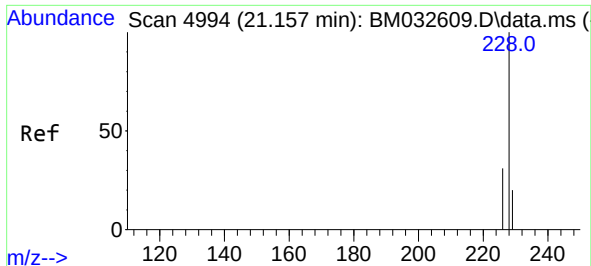


#21
Benzo(a)anthracene
Concen: 0.59 ng/ul
RT: 21.108 min Scan# 4974
Delta R.T. 0.002 min
Lab File: BM032614.D
Acq: 20 Oct 2021 11:48

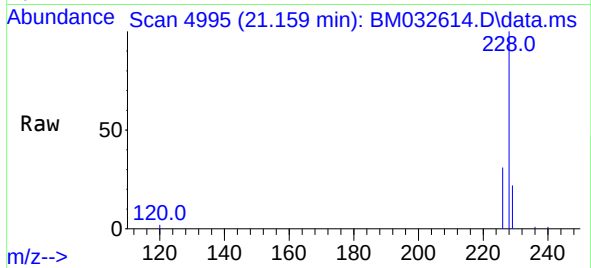


Tgt Ion:228 Resp: 19897
Ion Ratio Lower Upper
228 100
229 21.5 15.9 23.9
226 28.7 22.4 33.6

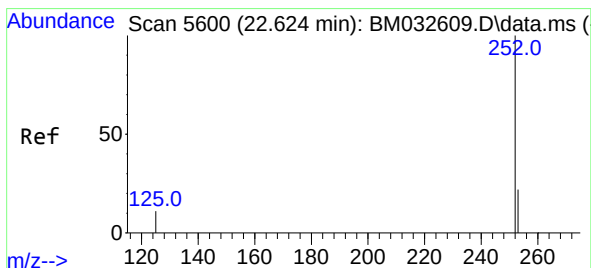
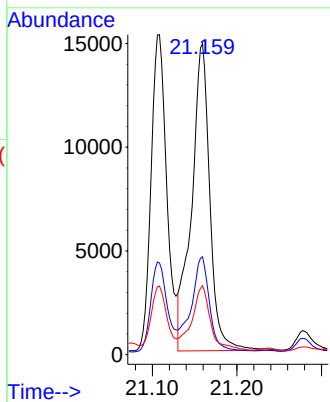
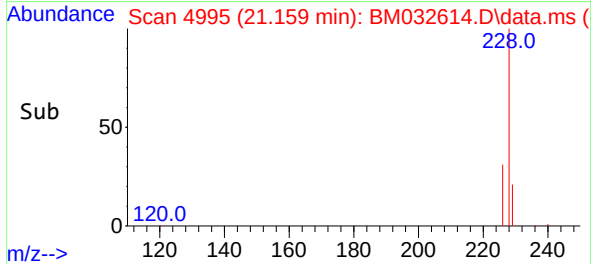




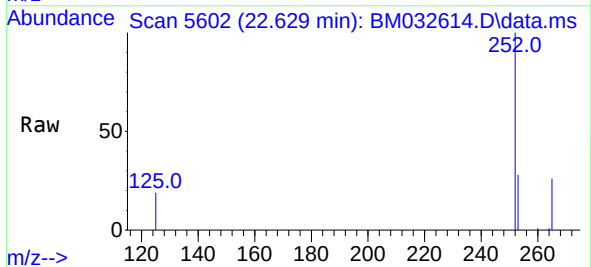
#22
Chrysene
Concen: 0.60 ng/ul
RT: 21.159 min Scan# 4995
Delta R.T. -0.000 min
Lab File: BM032614.D
Acq: 20 Oct 2021 11:48



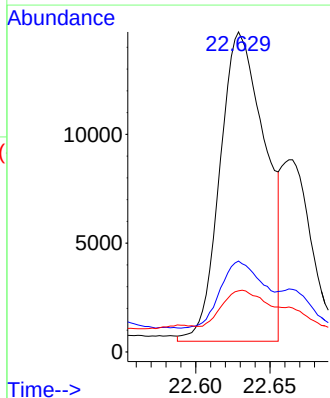
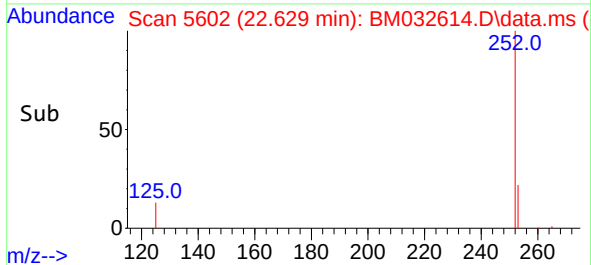
Tgt Ion:228 Resp: 22286
Ion Ratio Lower Upper
228 100
226 31.4 25.1 37.7
229 22.2 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 0.81 ng/ul m
RT: 22.629 min Scan# 5602
Delta R.T. 0.002 min
Lab File: BM032614.D
Acq: 20 Oct 2021 11:48



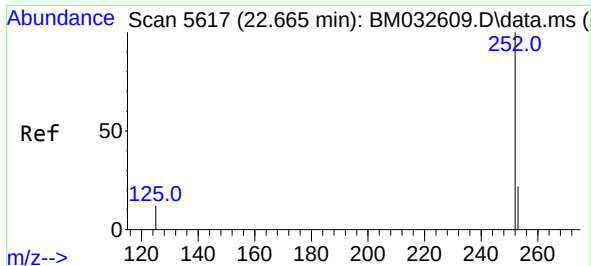
Tgt Ion:252 Resp: 30077
Ion Ratio Lower Upper
252 100
253 28.4 0.0 53.8
125 19.1 0.0 35.6



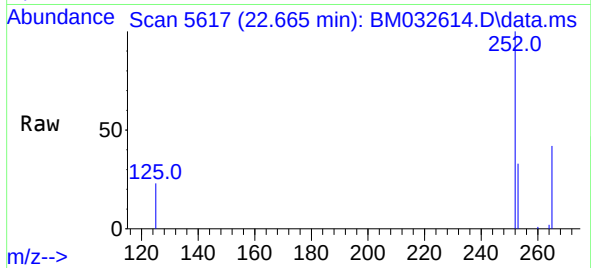
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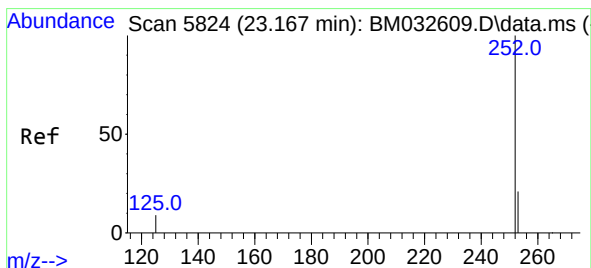
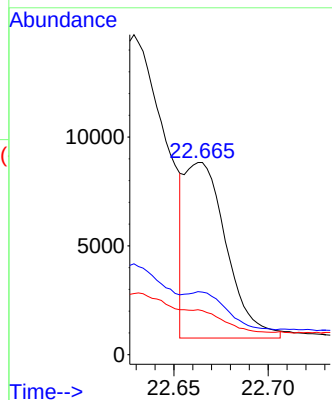
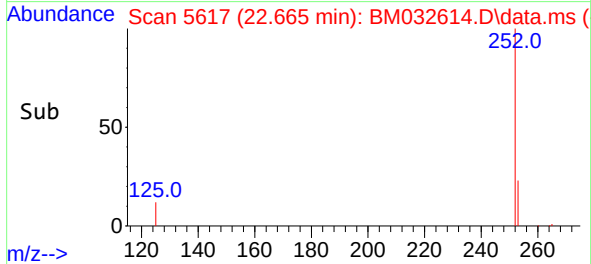
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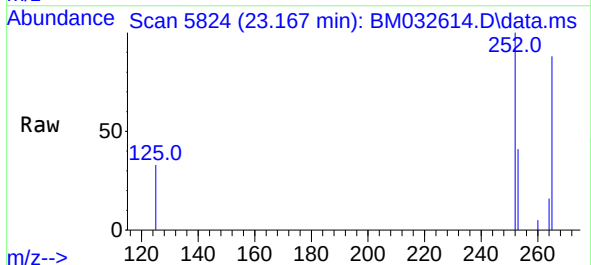
#25
Benzo(k)fluoranthene
Concen: 0.34 ng/ul m
RT: 22.665 min Scan# 5617
Delta R.T. -0.003 min
Lab File: BM032614.D
Acq: 20 Oct 2021 11:48



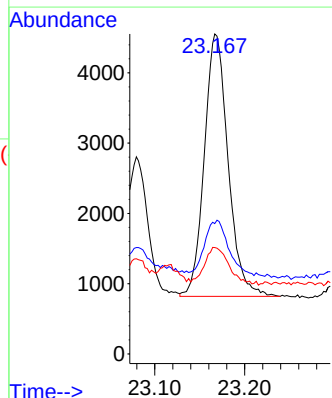
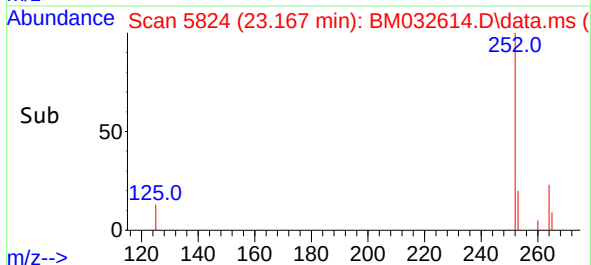
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Ion Ratio Lower Upper
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253 32.6 21.8 32.6
125 22.9 14.4 21.6#



#26
Benzo(a)pyrene
Concen: 0.22 ng/ul
RT: 23.167 min Scan# 5824
Delta R.T. -0.003 min
Lab File: BM032614.D
Acq: 20 Oct 2021 11:48



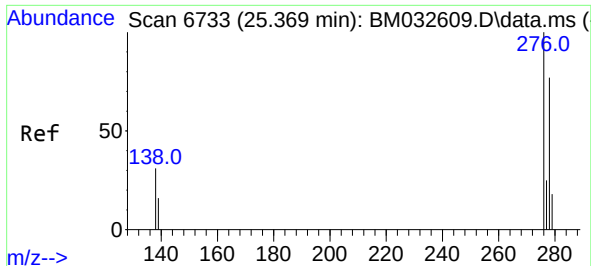
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Ion Ratio Lower Upper
252 100
253 40.8 23.6 35.4#
125 33.3 17.1 25.7#



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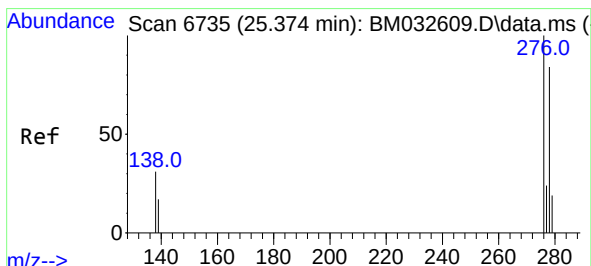
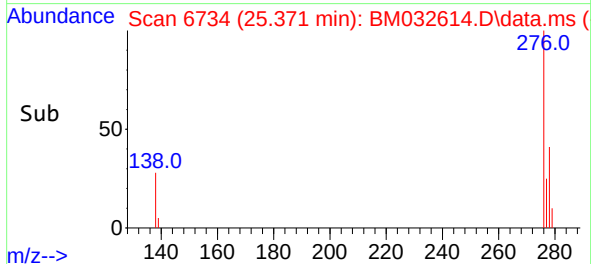
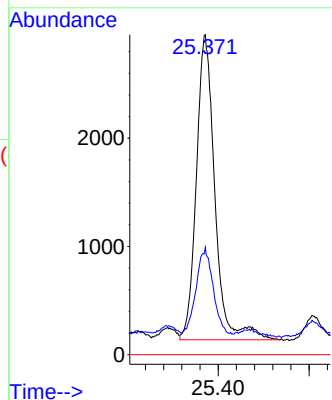
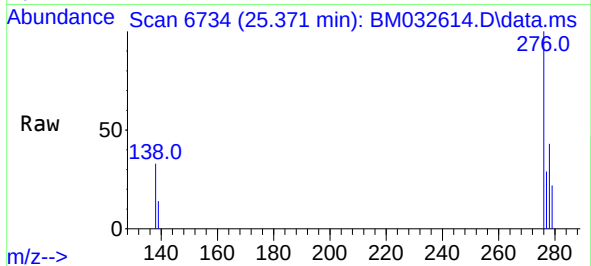
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.21 ng/ul
RT: 25.371 min Scan# 6734
Delta R.T. -0.007 min
Lab File: BM032614.D
Acq: 20 Oct 2021 11:48

Tgt Ion: 276 Resp: 7964
Ion Ratio Lower Upper
276 100
138 25.8 24.9 37.3
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampleId :
C0B43

Manual Integrations
APPROVED

mohammad
10/21/2021 11:16:54 AM



#28
Dibenzo(a,h)anthracene
Concen: 0.11 ng/ul
RT: 25.371 min Scan# 6734
Delta R.T. -0.012 min
Lab File: BM032614.D
Acq: 20 Oct 2021 11:48

Tgt Ion: 278 Resp: 3389
Ion Ratio Lower Upper
278 100
139 31.8 18.6 28.0#
279 50.6 22.0 33.0#

