

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031732.D
 Acq On : 14 Aug 2021 02:29
 Operator : CG/JU
 Sample : M3208-06DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00E6DL

Manual Integrations
 APPROVED

mohammad
 8/16/2021 8:40:52 AM

Quant Time: Aug 14 03:22:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 14 00:52:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	1243	0.400	ng/ul	0.00
4) Naphthalene-d8	10.325	136	4482	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.201	164	2419	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	4669	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.149	240	3919	0.400	ng/ul	# 0.00
23) Perylene-d12	23.304	264	4018	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	953	0.690	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	315	0.042	ng/ul	-0.01
18) Fluoranthene-d10	18.986	212	548	0.042	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.374	128	1190	0.089	ng/ul#	89
7) 2-Methylnaphthalene	11.998	142	1032	0.113	ng/ul	99
8) 1-Methylnaphthalene	12.223	142	573	0.064	ng/ul	97
10) Acenaphthylene	13.923	152	732	0.071	ng/ul#	81
15) Phenanthrene	16.992	178	4717	0.318	ng/ul	99
16) Anthracene	17.086	178	863	0.062	ng/ul#	80
19) Fluoranthene	19.016	202	6449	0.385	ng/ul	97
20) Pyrene	19.378	202	5305	0.313	ng/ul#	94
21) Benzo(a)anthracene	21.132	228	2916	0.184	ng/ul#	89
22) Chrysene	21.185	228	3723	0.227	ng/ul#	96
24) Benzo(b)fluoranthene	22.665	252	4632m	0.256	ng/ul	
25) Benzo(k)fluoranthene	22.699	252	1529m	0.082	ng/ul	
26) Benzo(a)pyrene	23.208	252	2377	0.150	ng/ul#	44
27) Indeno(1,2,3-cd)pyrene	25.434	276	1951	0.095	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.437	278	574	0.035	ng/ul#	1

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

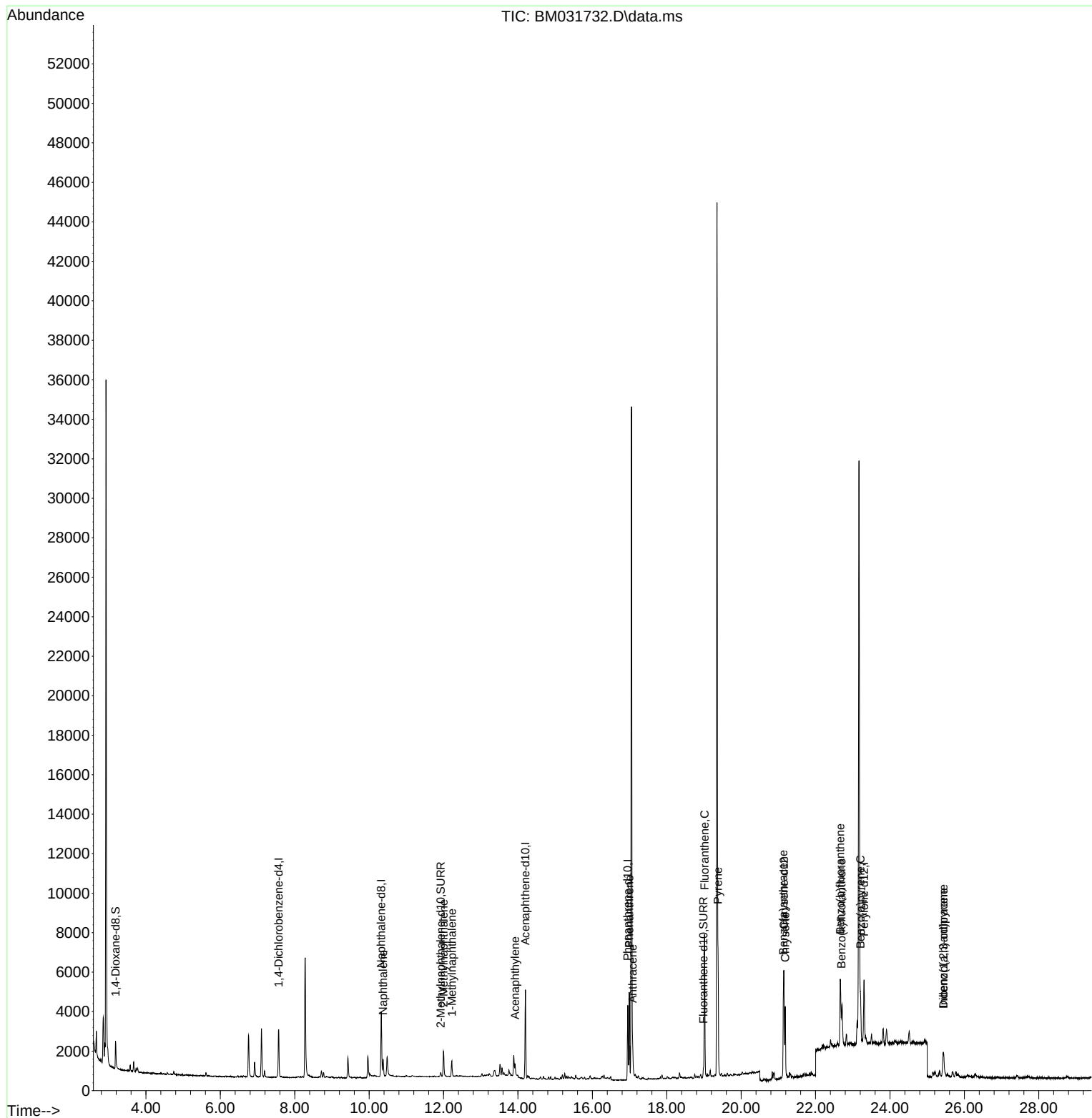
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031732.D
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Operator : CG/JU
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ALS Vial : 21 Sample Multiplier: 1

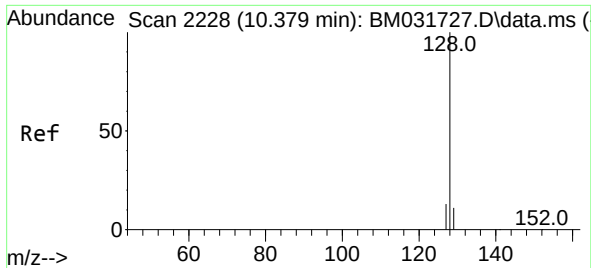
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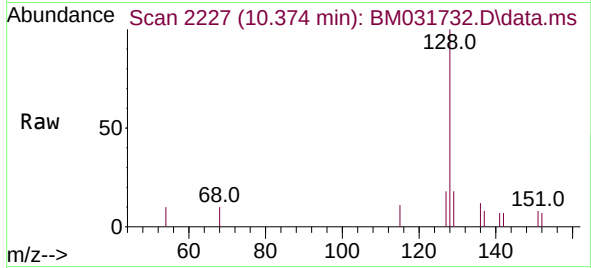
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Quant Time: Aug 14 03:22:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 14 00:52:50 2021
Response via : Initial Calibration

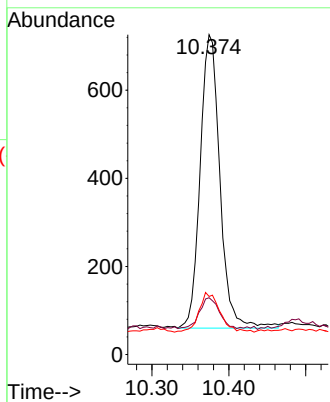
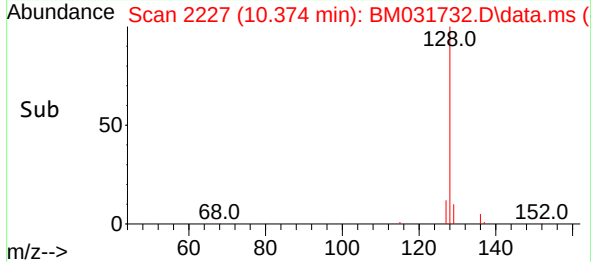




#5
Naphthalene
Concen: 0.089 ng/ul
RT: 10.374 min Scan# 2227
Delta R.T. -0.008 min
Lab File: BM031732.D
Acq: 14 Aug 2021 02:29



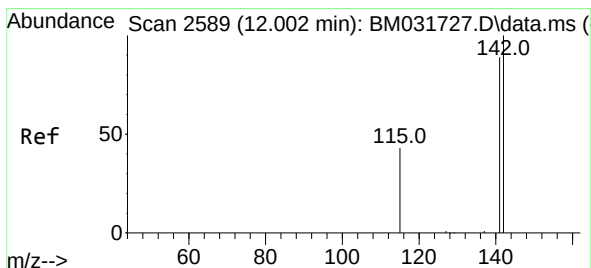
Tgt Ion:128 Resp: 1190
Ion Ratio Lower Upper
128 100
129 17.8 10.0 15.0#
127 18.2 11.6 17.4#



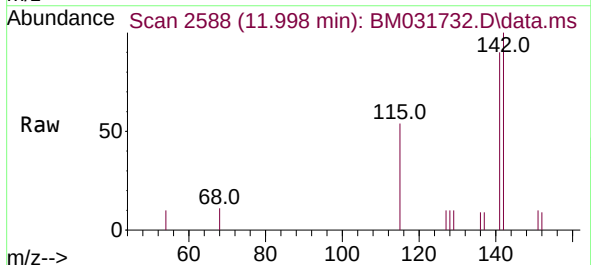
Instrument :
BNA_M
ClientSampleId :
C00E6DL

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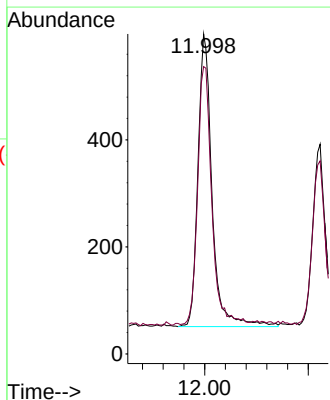
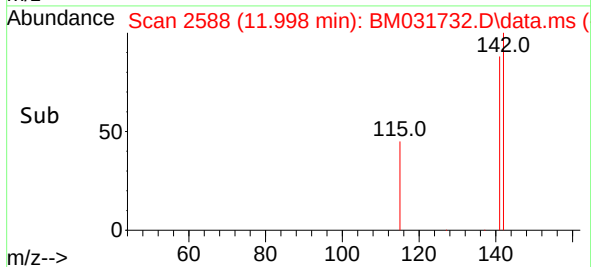
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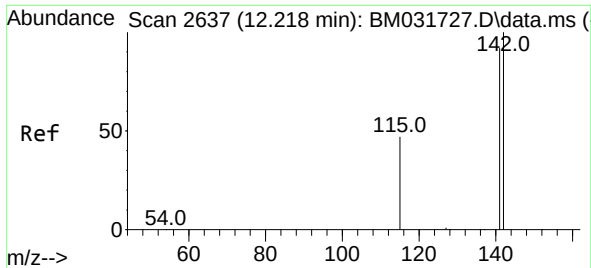


#7
2-Methylnaphthalene
Concen: 0.113 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031732.D
Acq: 14 Aug 2021 02:29



Tgt Ion:142 Resp: 1032
Ion Ratio Lower Upper
142 100
141 87.9 71.4 107.0





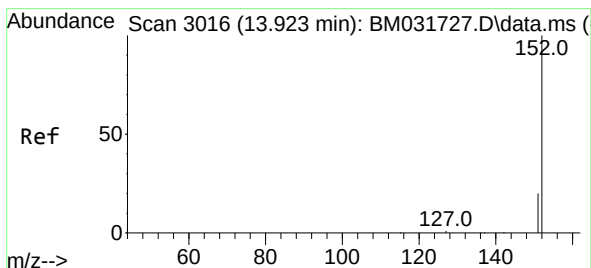
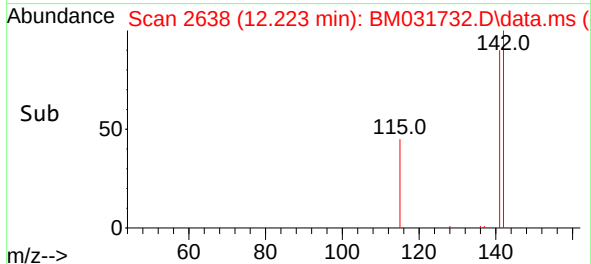
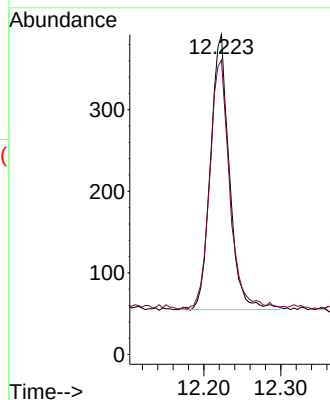
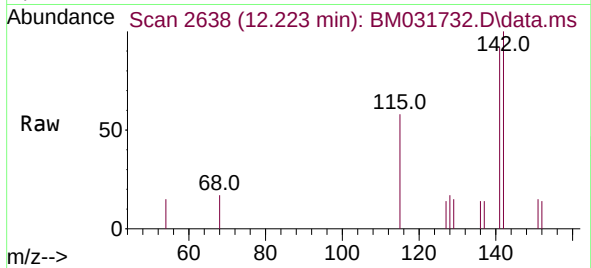
#8
1-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. -0.003 min
Lab File: BM031732.D
Acq: 14 Aug 2021 02:29

Tgt Ion:142 Resp: 573
Ion Ratio Lower Upper
142 100
141 95.5 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C00E6DL

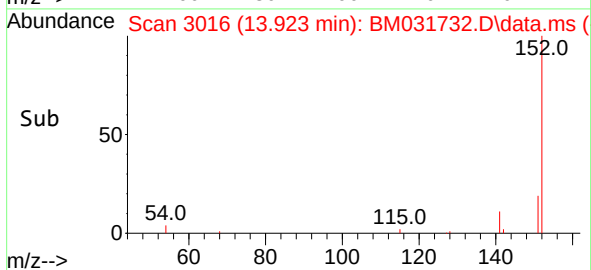
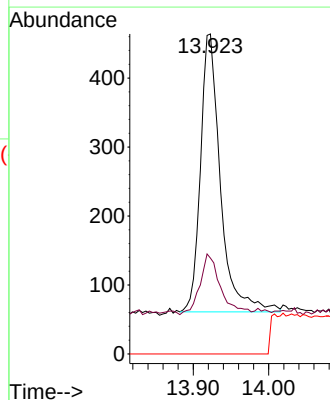
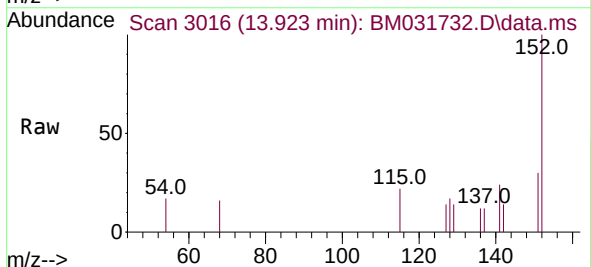
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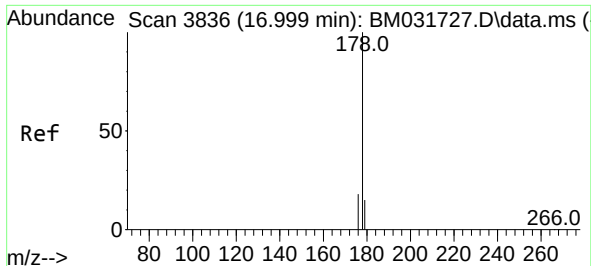
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#10
Acenaphthylene
Concen: 0.071 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031732.D
Acq: 14 Aug 2021 02:29

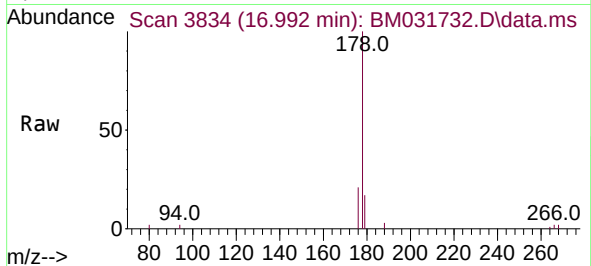
Tgt Ion:152 Resp: 732
Ion Ratio Lower Upper
152 100
151 30.0 16.9 25.3#
153 0.0 0.0 0.0





#15
Phenanthrene
Concen: 0.318 ng/ul
RT: 16.992 min Scan# 3834
Delta R.T. -0.010 min
Lab File: BM031732.D
Acq: 14 Aug 2021 02:29

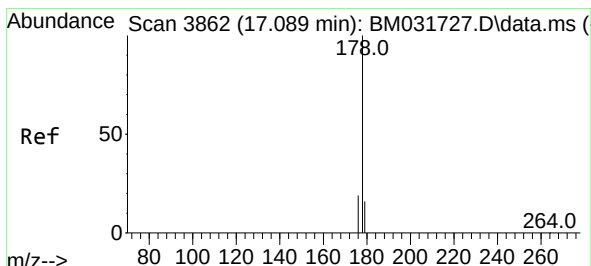
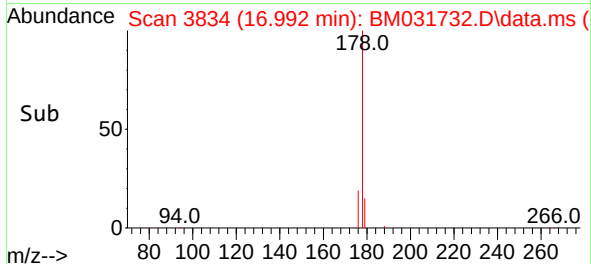
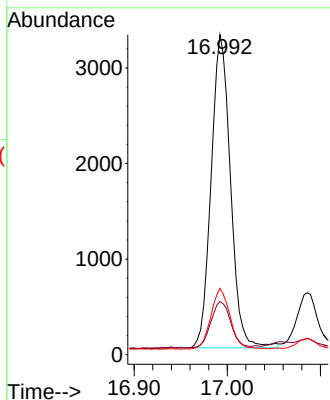
Instrument :
BNA_M
ClientSampleId :
C00E6DL



Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.3	19.9
176	20.7	16.2	24.4

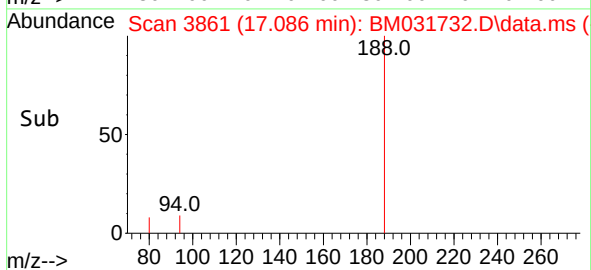
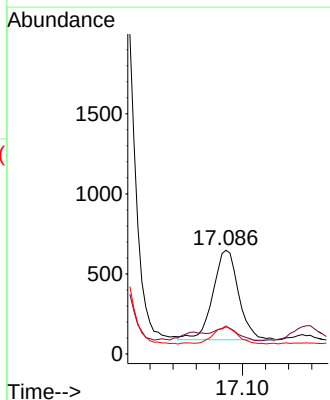
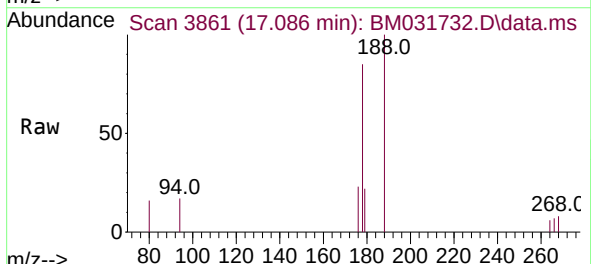
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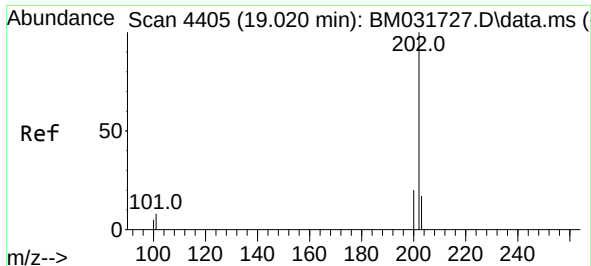
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#16
Anthracene
Concen: 0.062 ng/ul
RT: 17.086 min Scan# 3861
Delta R.T. -0.010 min
Lab File: BM031732.D
Acq: 14 Aug 2021 02:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	26.2	13.0	19.6#
176	27.0	15.6	23.4#





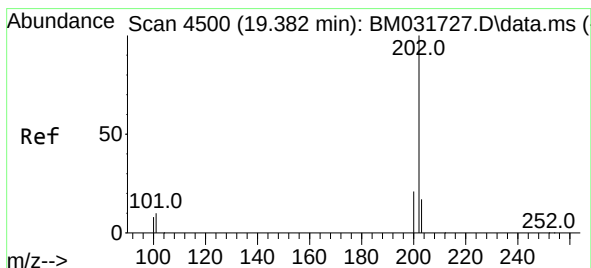
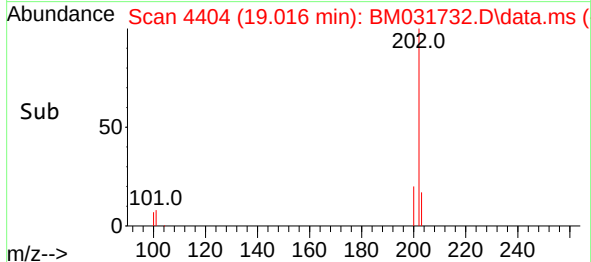
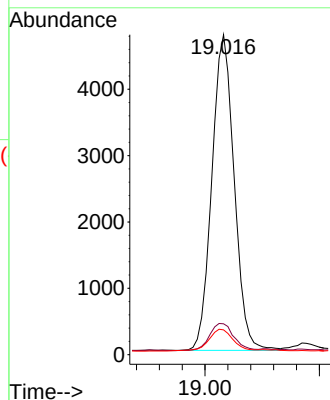
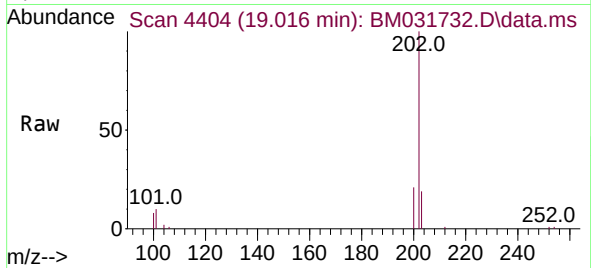
#19
Fluoranthene
Concen: 0.385 ng/ul
RT: 19.016 min Scan# 4404
Delta R.T. -0.011 min
Lab File: BM031732.D
Acq: 14 Aug 2021 02:29

Tgt Ion:	202	Resp:	6449
Ion Ratio	Lower	Upper	
202	100		
101	9.7	6.6	10.0
100	7.8	5.4	8.0

Instrument :
BNA_M
ClientSampleId :
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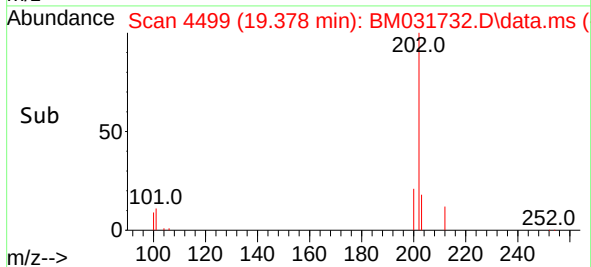
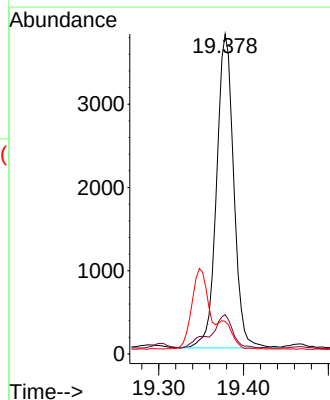
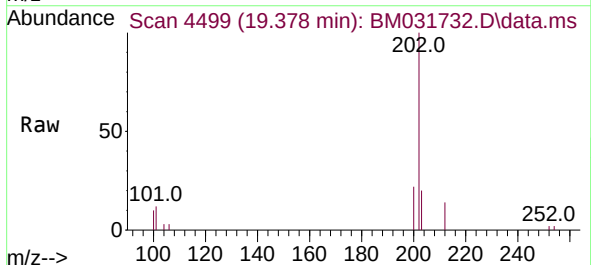
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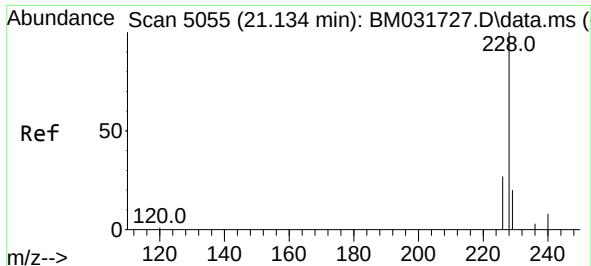
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#20
Pyrene
Concen: 0.313 ng/ul
RT: 19.378 min Scan# 4499
Delta R.T. -0.011 min
Lab File: BM031732.D
Acq: 14 Aug 2021 02:29

Tgt Ion:	202	Resp:	5305
Ion Ratio	Lower	Upper	
202	100		
101	12.3	7.8	11.6#
100	10.2	6.6	10.0#





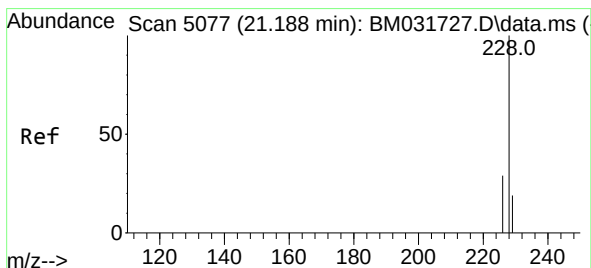
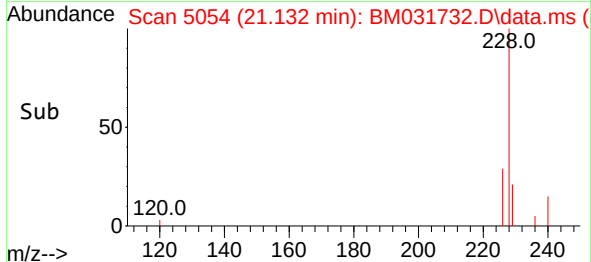
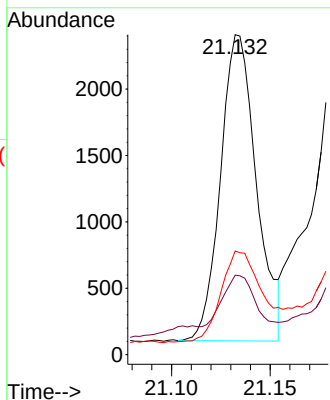
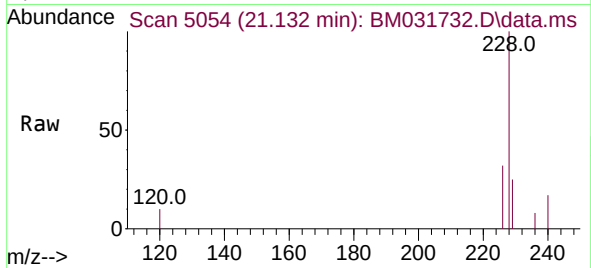
#21
Benzo(a)anthracene
Concen: 0.184 ng/u1
RT: 21.132 min Scan# 5054
Delta R.T. -0.012 min
Lab File: BM031732.D
Acq: 14 Aug 2021 02:29

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.9	15.6	23.4#
226	32.4	21.7	32.5

Instrument :
BNA_M
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C00E6DL

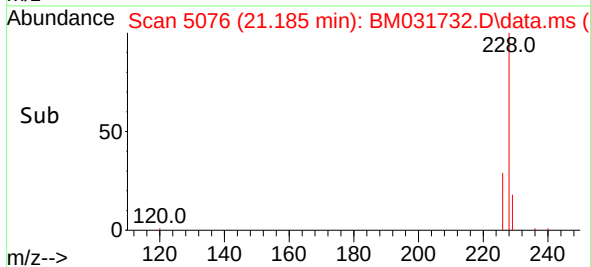
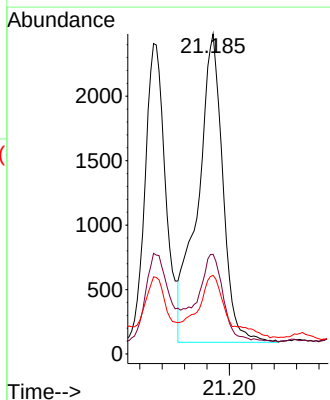
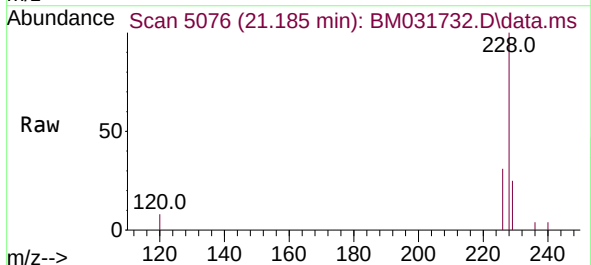
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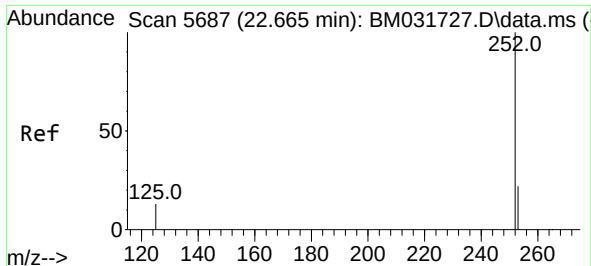
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#22
Chrysene
Concen: 0.227 ng/u1
RT: 21.185 min Scan# 5076
Delta R.T. -0.009 min
Lab File: BM031732.D
Acq: 14 Aug 2021 02:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.7	37.1
229	24.6	16.2	24.2#





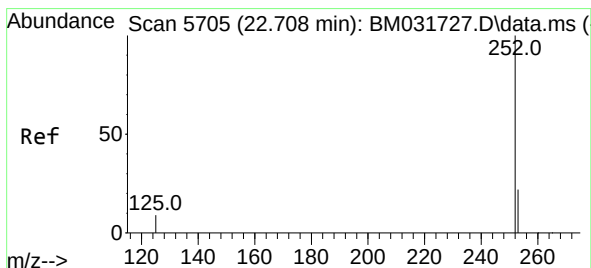
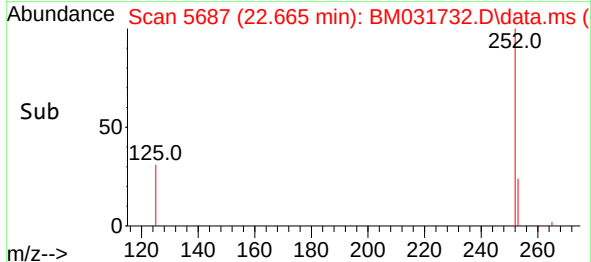
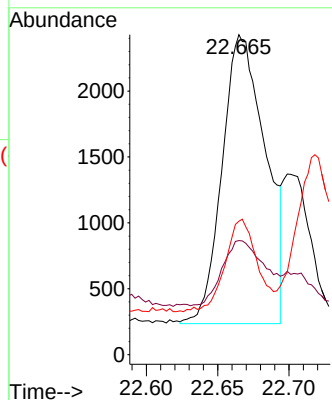
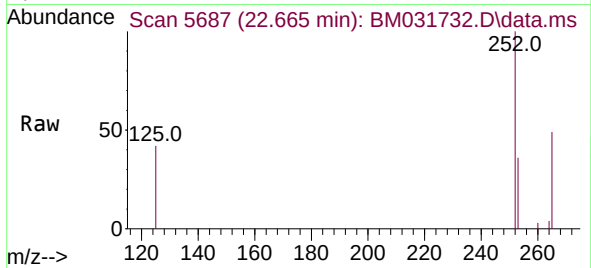
#24
Benzo(b)fluoranthene
Concen: 0.256 ng/ul m
RT: 22.665 min Scan# 5687
Delta R.T. -0.012 min
Lab File: BM031732.D
Acq: 14 Aug 2021 02:29

Tgt Ion:252 Resp: 4632
Ion Ratio Lower Upper
252 100
253 35.7 0.0 53.0
125 41.7 0.0 22.8#

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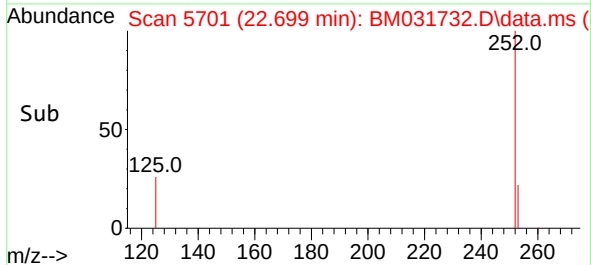
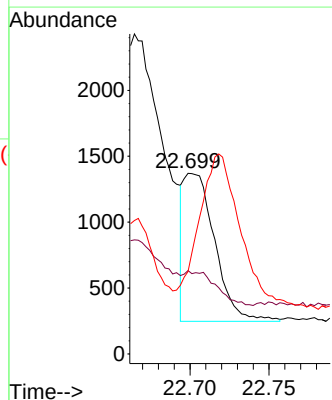
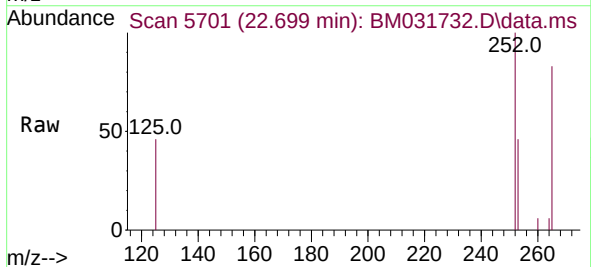
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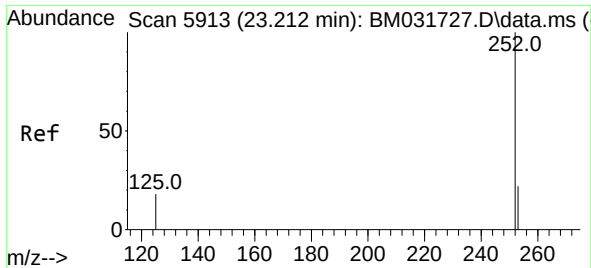
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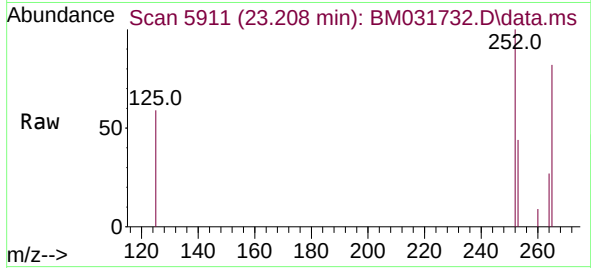
#25
Benzo(k)fluoranthene
Concen: 0.082 ng/ul m
RT: 22.699 min Scan# 5701
Delta R.T. -0.021 min
Lab File: BM031732.D
Acq: 14 Aug 2021 02:29

Tgt Ion:252 Resp: 1529
Ion Ratio Lower Upper
252 100
253 46.1 21.3 31.9#
125 45.6 8.8 13.2#

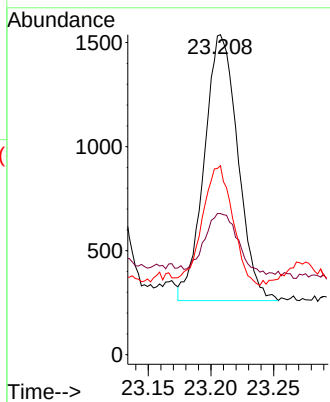
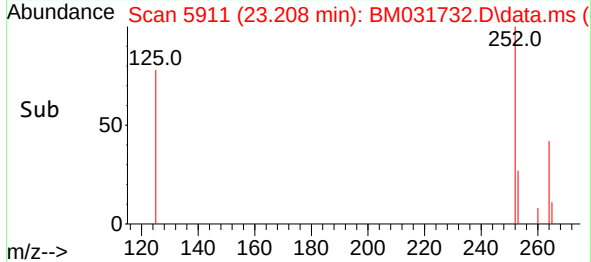




#26
Benzo(a)pyrene
Concen: 0.150 ng/ul
RT: 23.208 min Scan# 5911
Delta R.T. -0.019 min
Lab File: BM031732.D
Acq: 14 Aug 2021 02:29



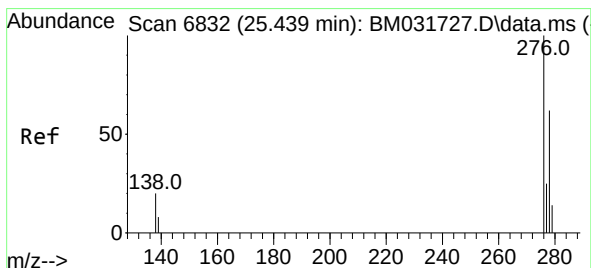
Tgt Ion:252 Resp: 2377
Ion Ratio Lower Upper
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253 44.1 22.4 33.6#
125 59.0 13.0 19.4#



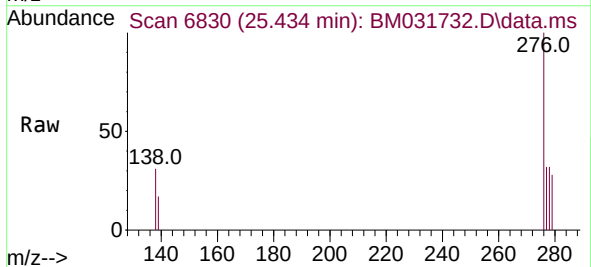
Instrument :
BNA_M
ClientSampleId :
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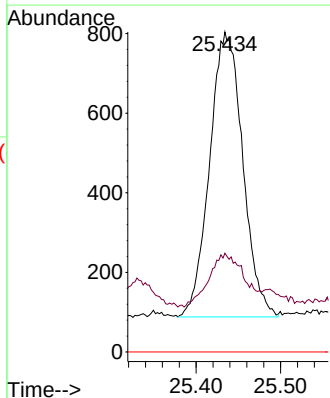
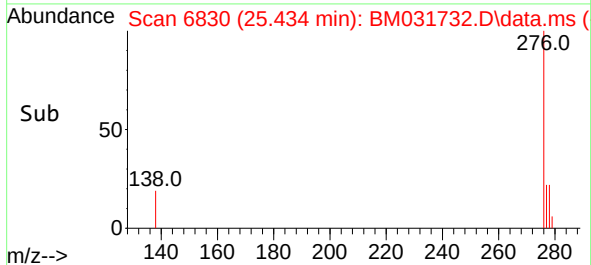
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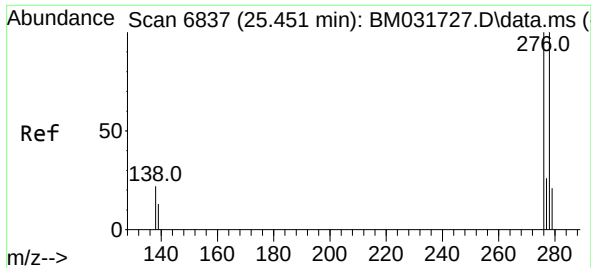


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.095 ng/ul
RT: 25.434 min Scan# 6830
Delta R.T. -0.026 min
Lab File: BM031732.D
Acq: 14 Aug 2021 02:29

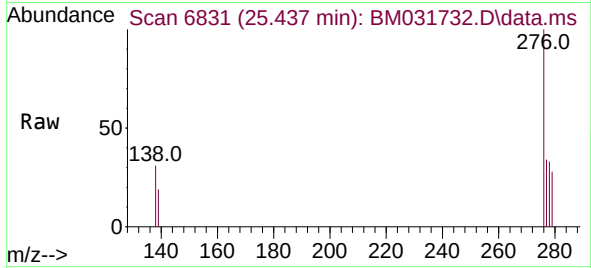


Tgt Ion:276 Resp: 1951
Ion Ratio Lower Upper
276 100
138 24.3 15.8 23.8#
227 0.0 0.0 0.0

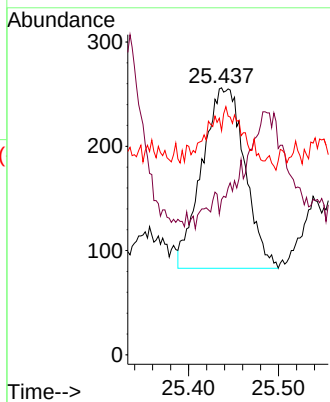
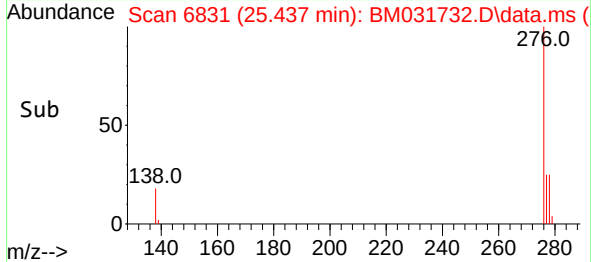




#28
 Dibenzo(a,h)anthracene
 Concen: 0.035 ng/ul
 RT: 25.437 min Scan# 6831
 Delta R.T. -0.036 min
 Lab File: BM031732.D
 Acq: 14 Aug 2021 02:29



Tgt Ion: 278 Resp: 574
 Ion Ratio Lower Upper
 278 100
 139 58.2 13.3 19.9#
 279 84.0 22.8 34.2#



Instrument :
 BNA_M
 ClientSampleId :
 C00E6DL

Manual Integrations
 APPROVED

mohammad
 8/16/2021 8:40:52 AM