

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031532.D
 Acq On : 07 Aug 2021 01:17
 Operator : CG/JU
 Sample : M3124-11
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0092

Manual Integrations
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Quant Time: Aug 07 04:23:24 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 07 03:01:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	1255	0.400	ng/ul	0.00
4) Naphthalene-d8	10.347	136	4687	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.216	164	2730	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	5196	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.159	240	4217	0.400	ng/ul	# 0.00
23) Perylene-d12	23.314	264	4134	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	1735	1.245	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.939	152	952	0.121	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	1912	0.136	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.397	128	10159	0.728	ng/ul	98
7) 2-Methylnaphthalene	12.016	142	5282	0.554	ng/ul	100
8) 1-Methylnaphthalene	12.236	142	2661	0.282	ng/ul	99
10) Acenaphthylene	13.936	152	2672	0.230	ng/ul	97
11) Acenaphthene	14.281	153	670	0.068	ng/ul	96
12) Fluorene	15.270	166	907	0.081	ng/ul#	90
15) Phenanthrene	17.006	178	23744	1.439	ng/ul	98
16) Anthracene	17.100	178	3616	0.234	ng/ul	97
19) Fluoranthene	19.028	202	41894	2.327	ng/ul	97
20) Pyrene	19.390	202	35360	1.936	ng/ul	96
21) Benzo(a)anthracene	21.142	228	18174	1.067	ng/ul	95
22) Chrysene	21.193	228	23556	1.337	ng/ul	97
24) Benzo(b)fluoranthene	22.674	252	29614m	1.590	ng/ul	
25) Benzo(k)fluoranthene	22.716	252	9677m	0.503	ng/ul	
26) Benzo(a)pyrene	23.220	252	17851	1.094	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.444	276	13592	0.645	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.453	278	3509	0.206	ng/ul#	74
29) Benzo(g,h,i)perylene	26.100	276	4278	0.238	ng/ul#	83

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

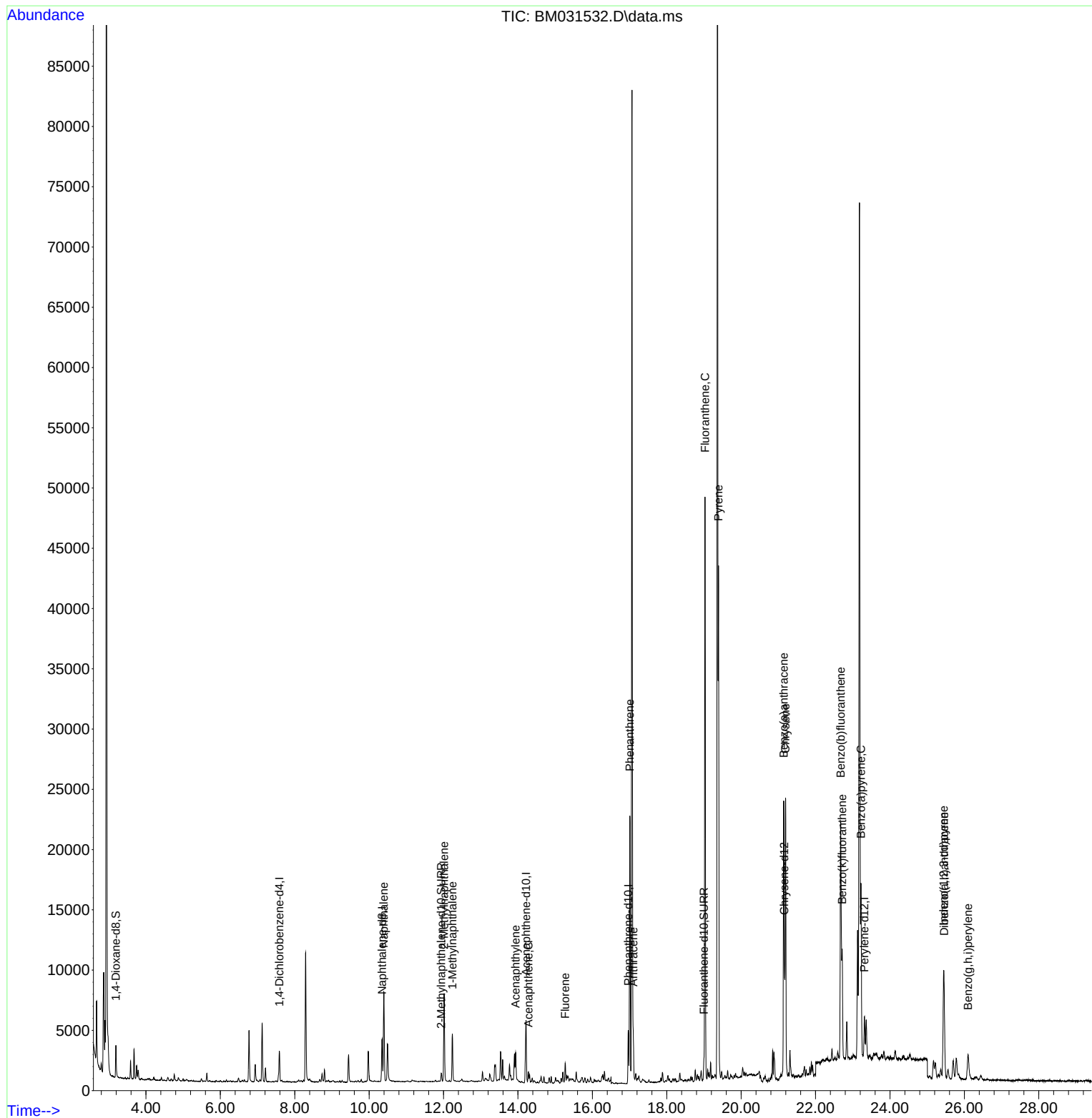
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
Data File : BM031532.D
Acq On : 07 Aug 2021 01:17
Operator : CG/JU
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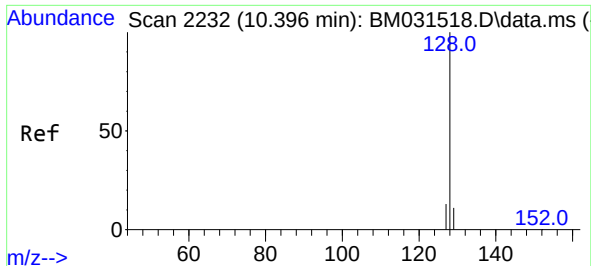
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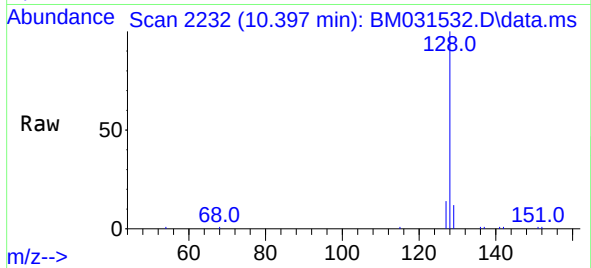
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Quant Time: Aug 07 04:23:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 07 03:01:15 2021
Response via : Initial Calibration



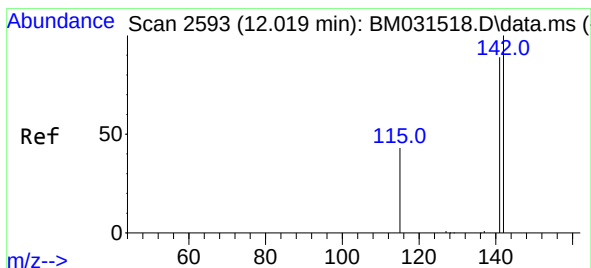
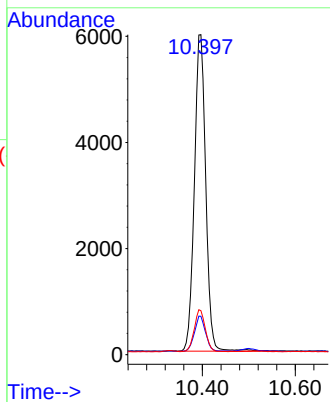
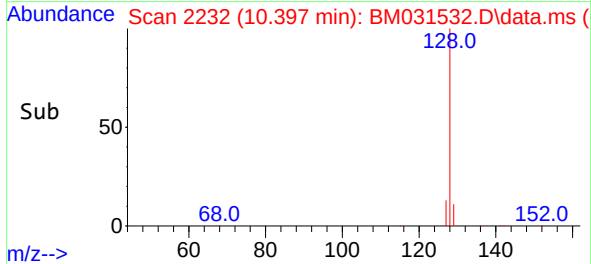


#5
Naphthalene
Concen: 0.728 ng/ul
RT: 10.397 min Scan# 2232
Delta R.T. 0.001 min
Lab File: BM031532.D
Acq: 07 Aug 2021 01:17

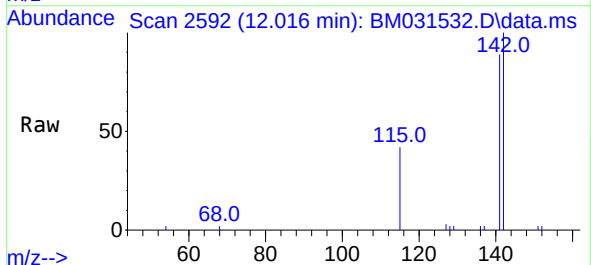


Tgt Ion:128 Resp: 10159

Ion	Ratio	Lower	Upper
128	100		
129	12.0	10.0	15.0
127	13.7	11.6	17.4

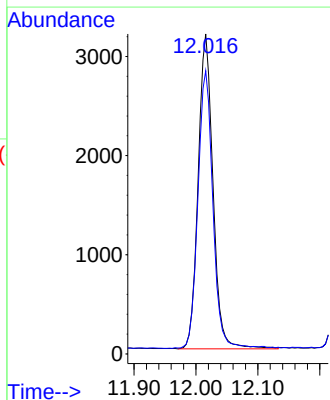
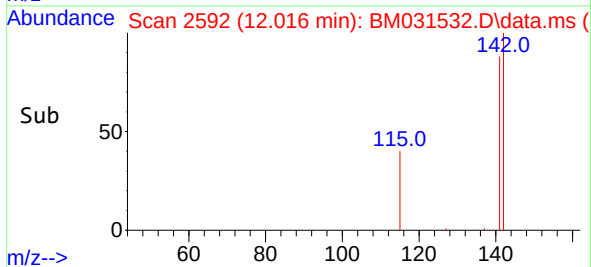


#7
2-Methylnaphthalene
Concen: 0.554 ng/ul
RT: 12.016 min Scan# 2592
Delta R.T. -0.004 min
Lab File: BM031532.D
Acq: 07 Aug 2021 01:17



Tgt Ion:142 Resp: 5282

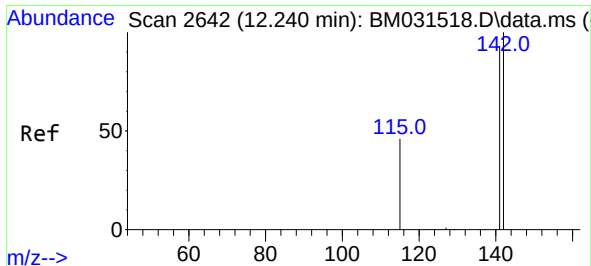
Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.0



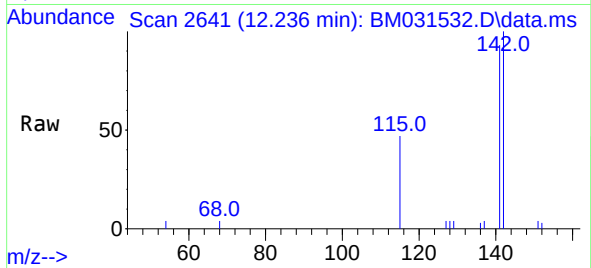
Instrument :
BNA_M
ClientSampleId :
C0092

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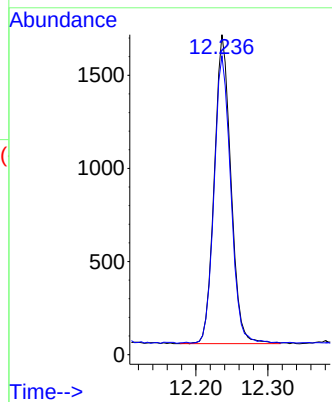
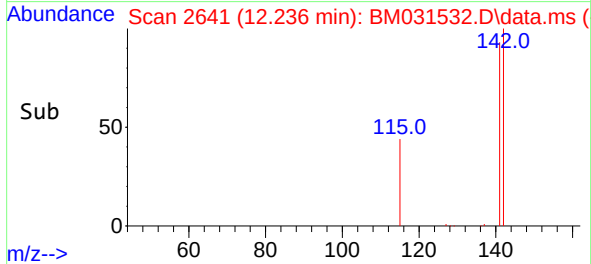
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#8
1-Methylnaphthalene
Concen: 0.282 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. -0.004 min
Lab File: BM031532.D
Acq: 07 Aug 2021 01:17



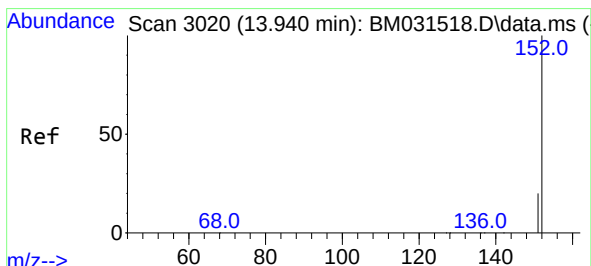
Tgt Ion:142 Resp: 2661
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1



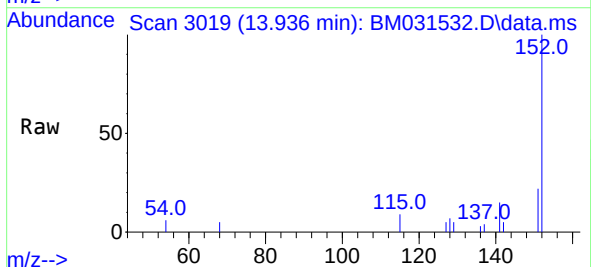
Instrument :
BNA_M
ClientSampled :
C0092

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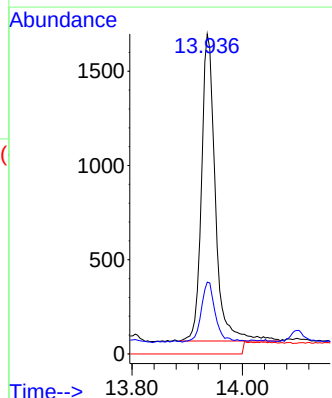
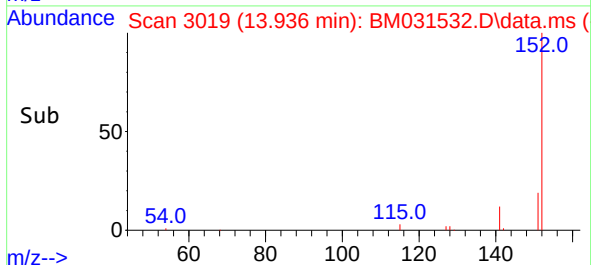
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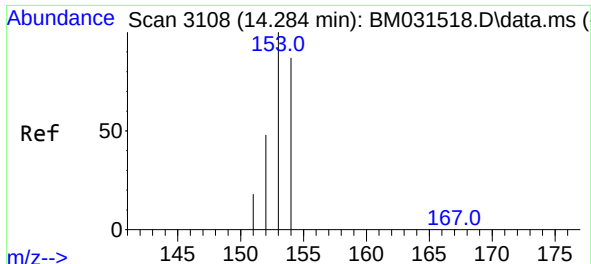


#10
Acenaphthylene
Concen: 0.230 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. -0.004 min
Lab File: BM031532.D
Acq: 07 Aug 2021 01:17



Tgt Ion:152 Resp: 2672
Ion Ratio Lower Upper
152 100
151 22.4 16.9 25.3
153 0.0 0.0 0.0





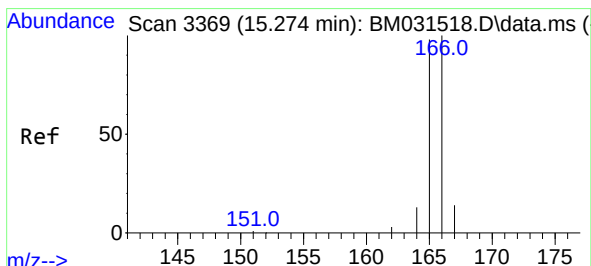
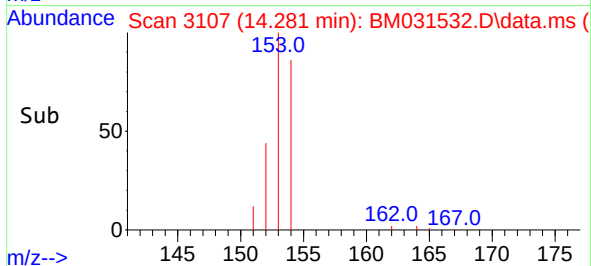
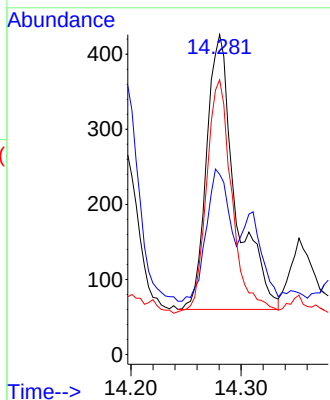
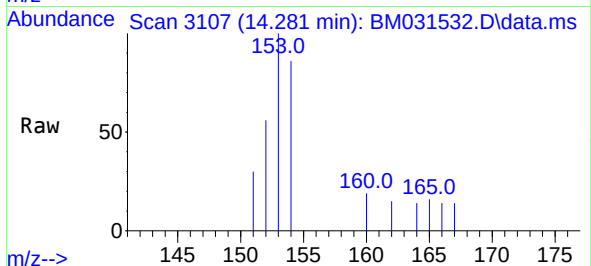
#11
Acenaphthene
Concen: 0.068 ng/ul
RT: 14.281 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM031532.D
Acq: 07 Aug 2021 01:17

Tgt Ion:	153	Resp:	670
Ion Ratio	Lower	Upper	
153	100		
152	56.3	40.7	61.1
154	85.9	70.2	105.2

Instrument :
BNA_M
ClientSampleId :
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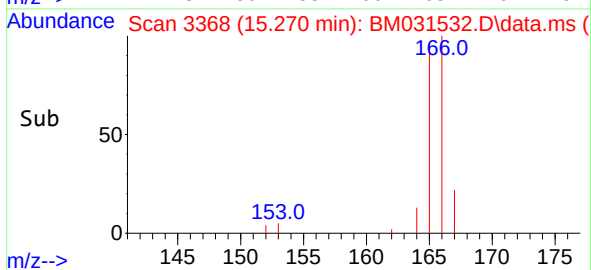
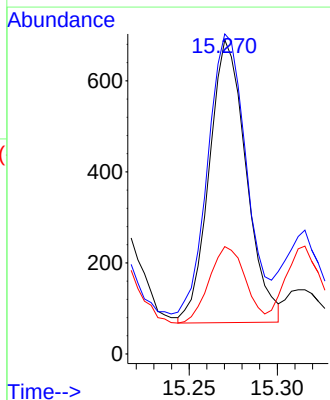
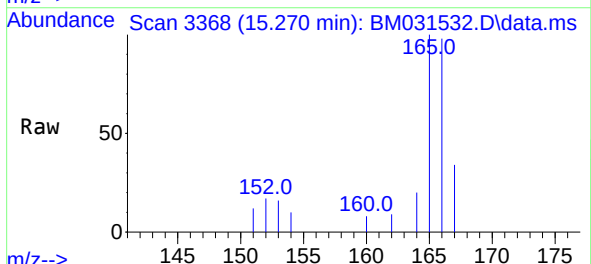
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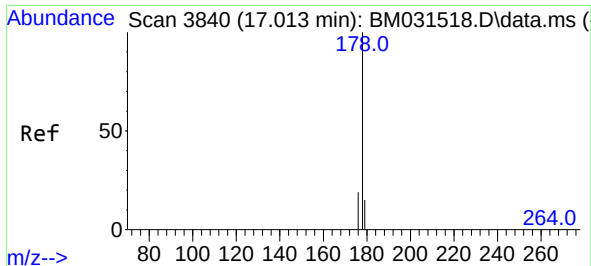
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#12
Fluorene
Concen: 0.081 ng/ul
RT: 15.270 min Scan# 3368
Delta R.T. -0.004 min
Lab File: BM031532.D
Acq: 07 Aug 2021 01:17

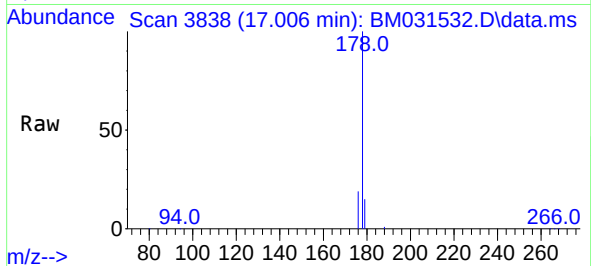
Tgt Ion:	166	Resp:	907
Ion Ratio	Lower	Upper	
166	100		
165	101.9	78.0	117.0
167	34.2	12.0	18.0





#15
Phenanthrene
Concen: 1.439 ng/u1
RT: 17.006 min Scan# 3838
Delta R.T. -0.007 min
Lab File: BM031532.D
Acq: 07 Aug 2021 01:17

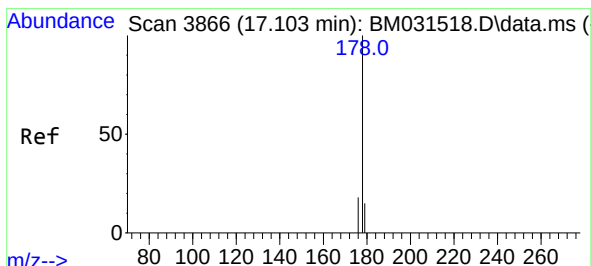
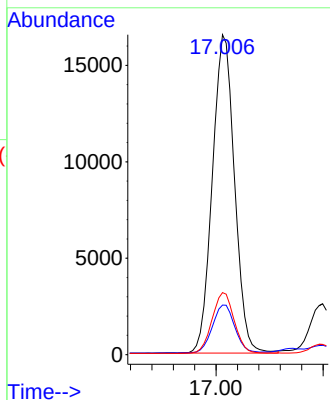
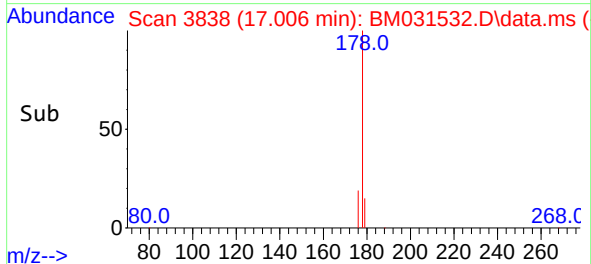
Instrument :
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C0092



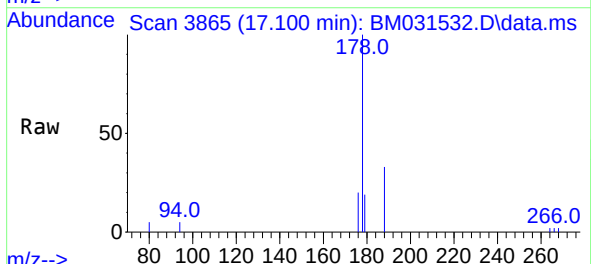
Tgt Ion:178 Resp: 23744
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.4 16.2 24.4

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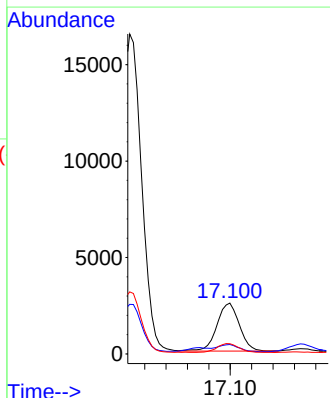
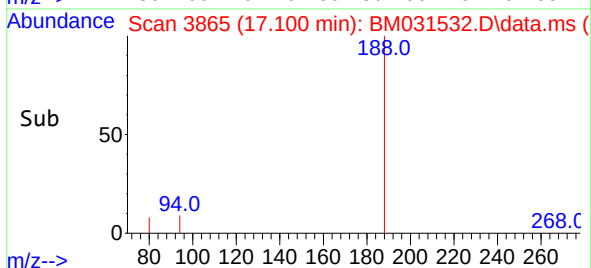
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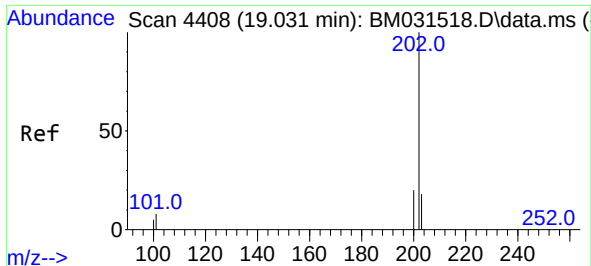


#16
Anthracene
Concen: 0.234 ng/u1
RT: 17.100 min Scan# 3865
Delta R.T. -0.003 min
Lab File: BM031532.D
Acq: 07 Aug 2021 01:17

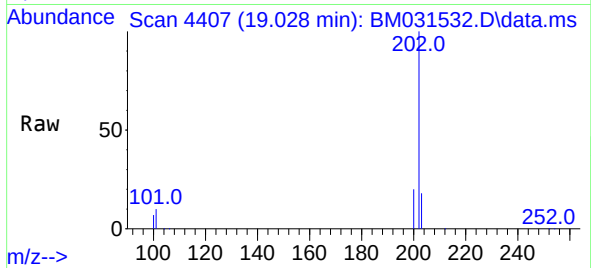


Tgt Ion:178 Resp: 3616
Ion Ratio Lower Upper
178 100
179 18.6 13.0 19.6
176 20.0 15.6 23.4

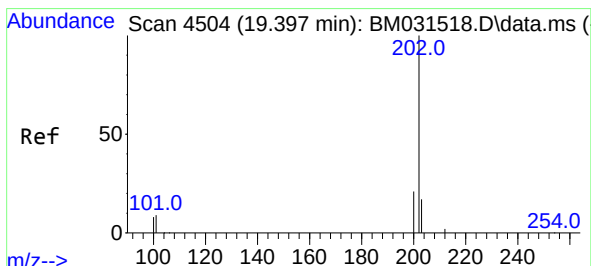
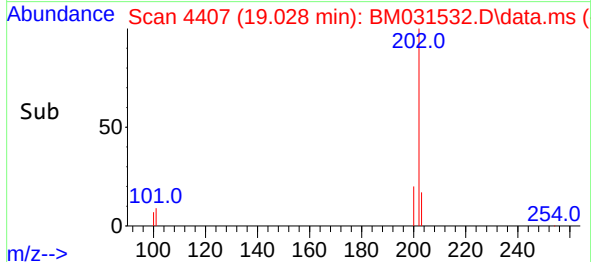
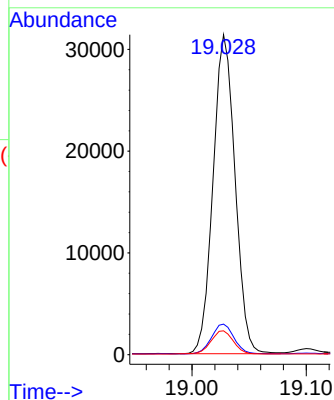




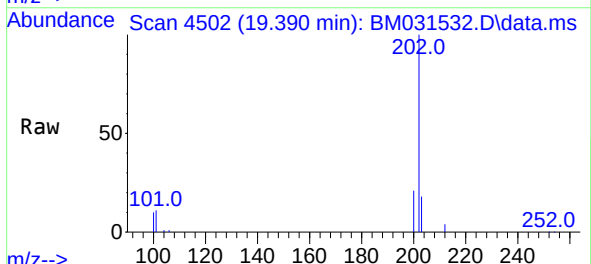
#19
Fluoranthene
Concen: 2.327 ng/ul
RT: 19.028 min Scan# 4407
Delta R.T. -0.004 min
Lab File: BM031532.D
Acq: 07 Aug 2021 01:17



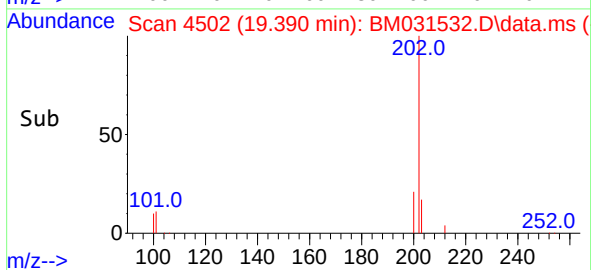
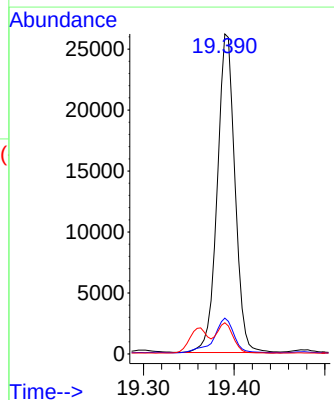
Tgt Ion:202 Resp: 41894
Ion Ratio Lower Upper
202 100
101 9.5 6.6 10.0
100 7.4 5.4 8.0



#20
Pyrene
Concen: 1.936 ng/ul
RT: 19.390 min Scan# 4502
Delta R.T. -0.007 min
Lab File: BM031532.D
Acq: 07 Aug 2021 01:17



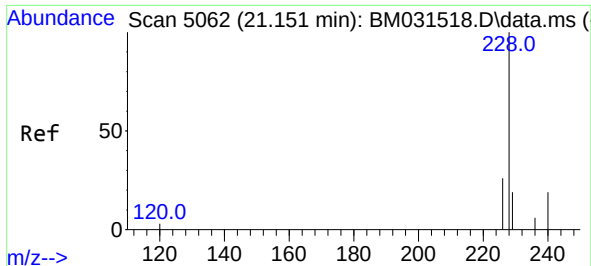
Tgt Ion:202 Resp: 35360
Ion Ratio Lower Upper
202 100
101 11.2 7.8 11.6
100 9.7 6.6 10.0



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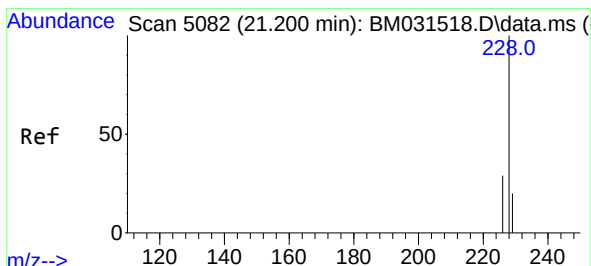
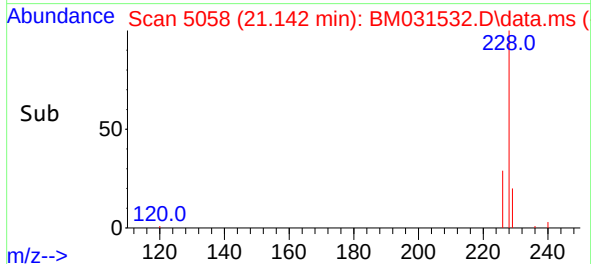
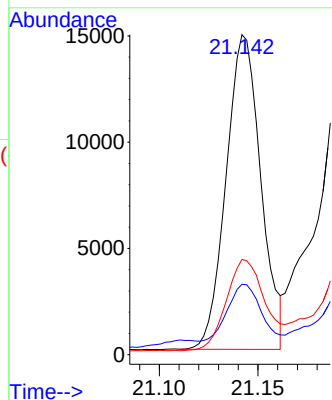
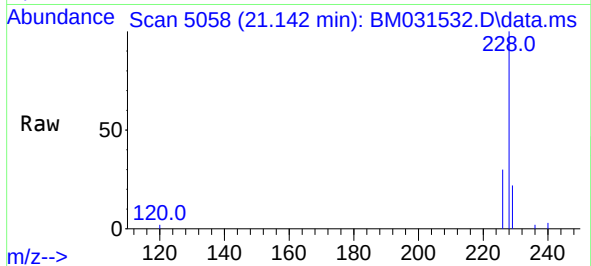
#21
Benzo(a)anthracene
Concen: 1.067 ng/ul
RT: 21.142 min Scan# 5058
Delta R.T. -0.009 min
Lab File: BM031532.D
Acq: 07 Aug 2021 01:17

Tgt Ion:	228	Resp:	18174
Ion Ratio	Lower	Upper	
228	100		
229	22.0	15.6	23.4
226	29.7	21.7	32.5

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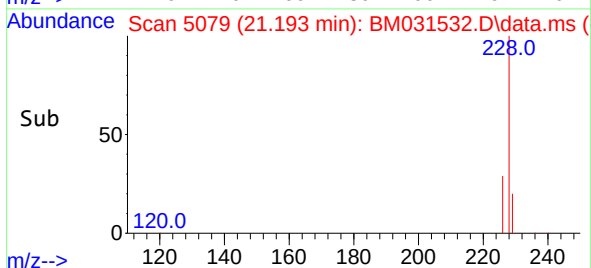
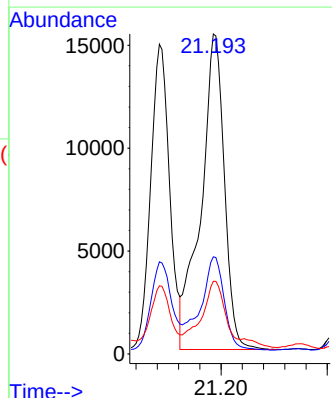
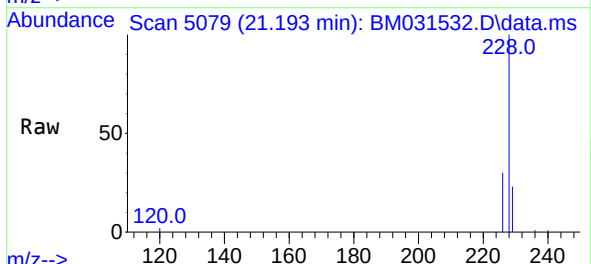
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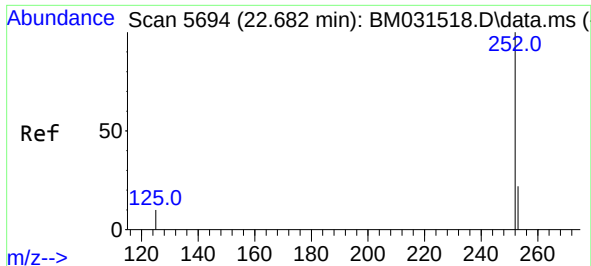
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#22
Chrysene
Concen: 1.337 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. -0.007 min
Lab File: BM031532.D
Acq: 07 Aug 2021 01:17

Tgt Ion:	228	Resp:	23556
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.7	37.1
229	22.7	16.2	24.2





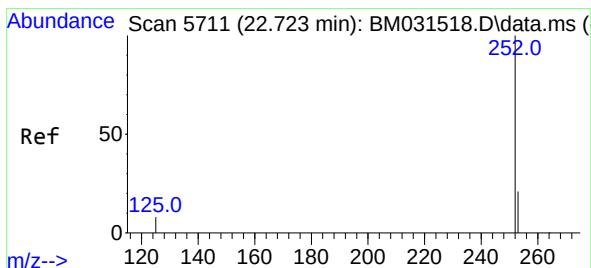
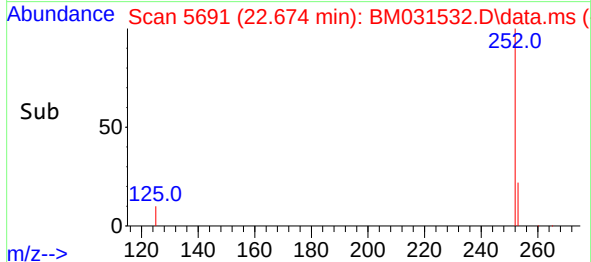
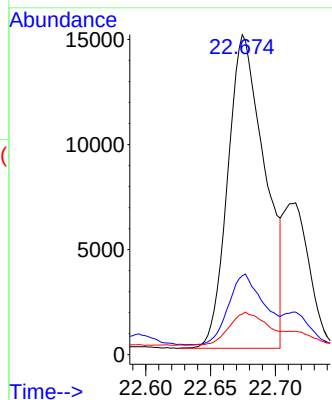
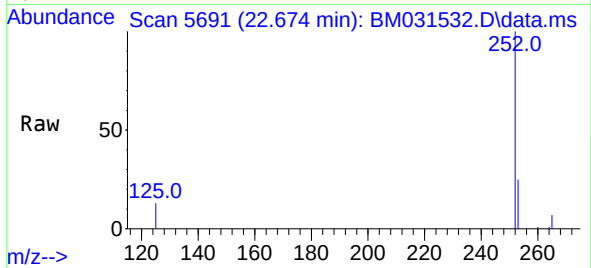
#24
Benzo(b)fluoranthene
Concen: 1.590 ng/ul m
RT: 22.674 min Scan# 5691
Delta R.T. -0.007 min
Lab File: BM031532.D
Acq: 07 Aug 2021 01:17

Tgt Ion:	252	Resp:	29614
Ion Ratio	Lower	Upper	
252	100		
253	24.7	0.0	53.0
125	12.7	0.0	22.8

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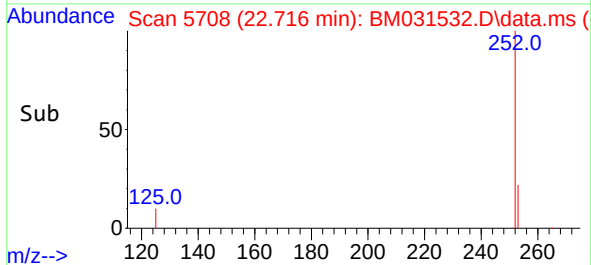
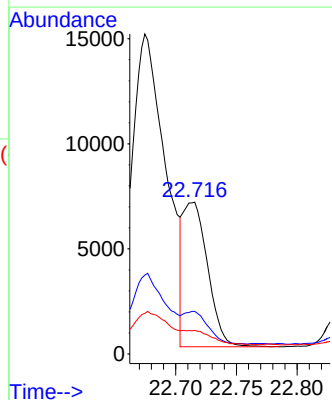
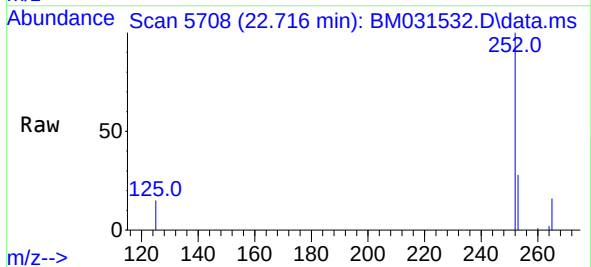
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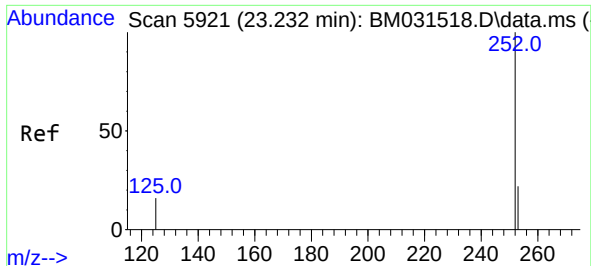
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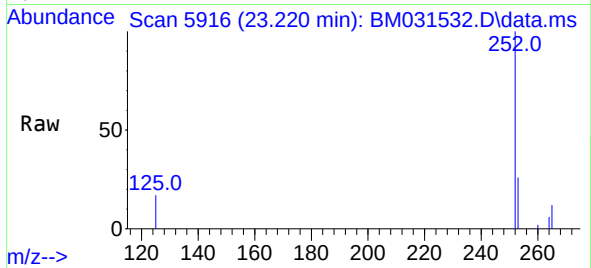
#25
Benzo(k)fluoranthene
Concen: 0.503 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.007 min
Lab File: BM031532.D
Acq: 07 Aug 2021 01:17

Tgt Ion:	252	Resp:	9677
Ion Ratio	Lower	Upper	
252	100		
253	28.0	21.3	31.9
125	15.5	8.8	13.2#

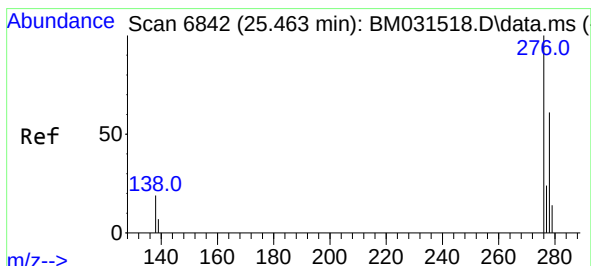
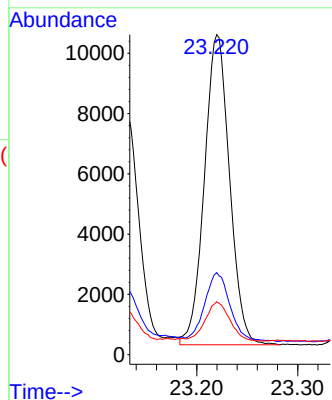
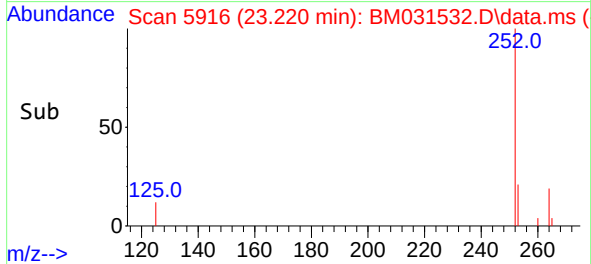




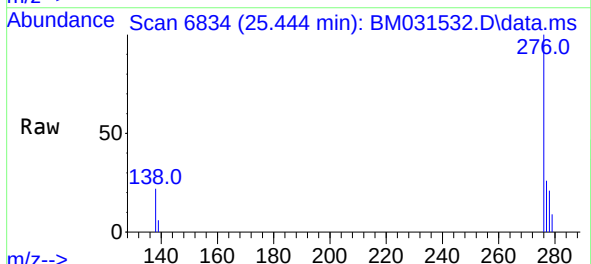
#26
Benzo(a)pyrene
Concen: 1.094 ng/ul
RT: 23.220 min Scan# 5916
Delta R.T. -0.012 min
Lab File: BM031532.D
Acq: 07 Aug 2021 01:17



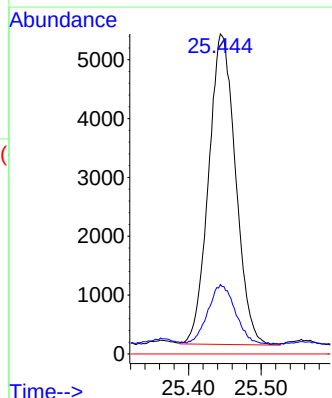
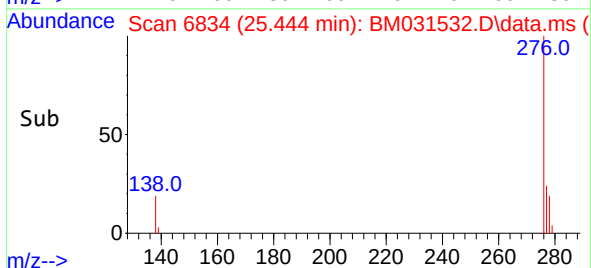
Tgt Ion:252 Resp: 17851
Ion Ratio Lower Upper
252 100
253 25.6 22.4 33.6
125 16.5 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.645 ng/ul
RT: 25.444 min Scan# 6834
Delta R.T. -0.019 min
Lab File: BM031532.D
Acq: 07 Aug 2021 01:17



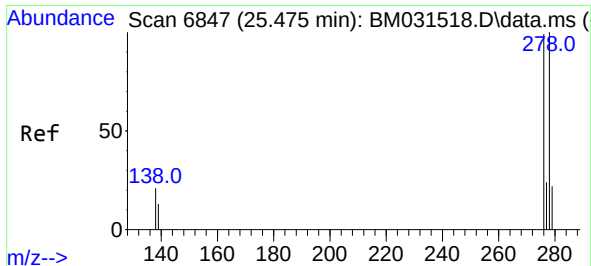
Tgt Ion:276 Resp: 13592
Ion Ratio Lower Upper
276 100
138 19.7 15.8 23.8
227 0.0 0.0 0.0



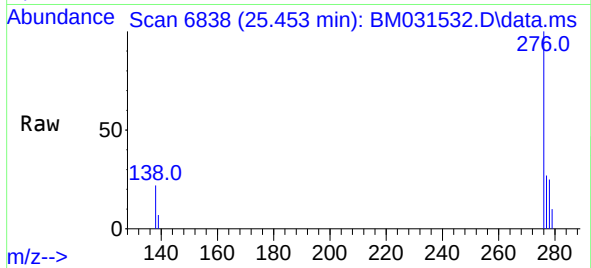
Instrument :
BNA_M
ClientSampled :
C0092

Manual Integrations
APPROVED

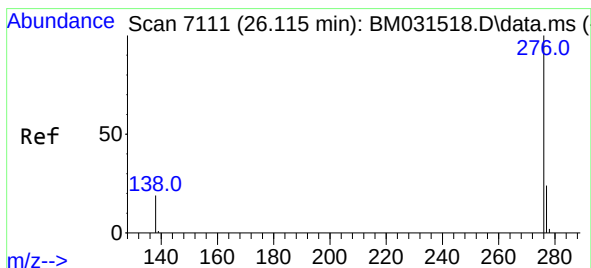
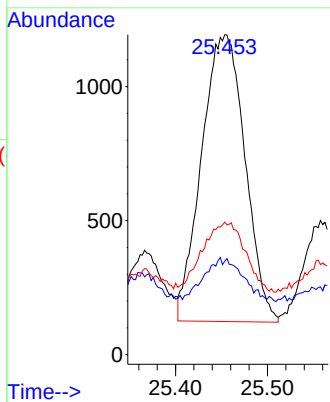
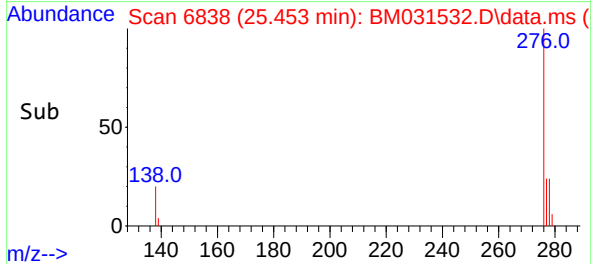
mohammad
8/9/2021 12:12:54 PM



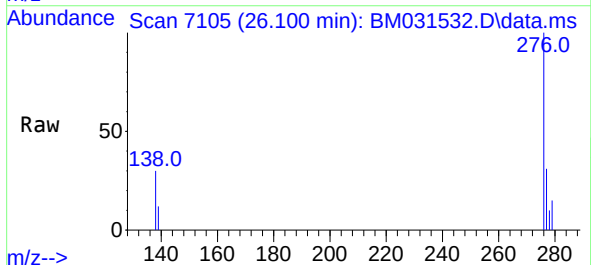
#28
Dibenzo(a,h)anthracene
Concen: 0.206 ng/ul
RT: 25.453 min Scan# 6838
Delta R.T. -0.022 min
Lab File: BM031532.D
Acq: 07 Aug 2021 01:17



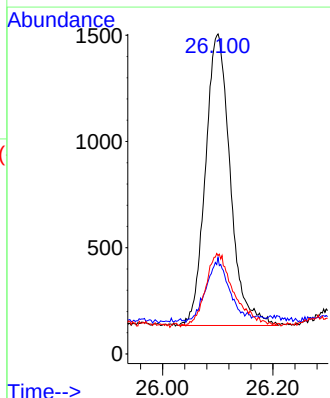
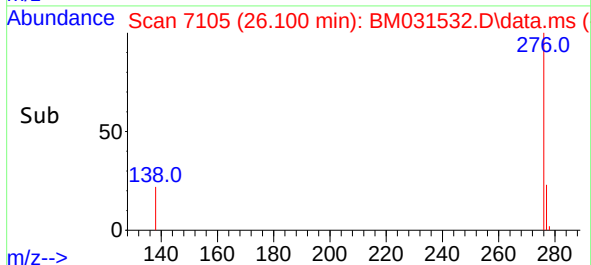
Tgt Ion:278 Resp: 3509
Ion Ratio Lower Upper
278 100
139 29.2 13.3 19.9#
279 41.5 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.238 ng/ul
RT: 26.100 min Scan# 7105
Delta R.T. -0.014 min
Lab File: BM031532.D
Acq: 07 Aug 2021 01:17



Tgt Ion:276 Resp: 4278
Ion Ratio Lower Upper
276 100
138 30.1 15.4 23.2#
277 30.7 19.9 29.9#



Instrument :
BNA_M
ClientSampled :
C0092

Manual Integrations
APPROVED

mohammad
8/9/2021 12:12:54 PM