

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032518.D
 Acq On : 15 Oct 2021 10:27
 Operator : CG/JU
 Sample : M4030-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00U0

Manual Integrations
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Quant Time: Oct 15 12:41:41 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 : Fri Oct 15 12:37:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.556	152	4870	0.40	ng/ul	0.00
4) Naphthalene-d8	10.344	136	15284	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.217	164	8030	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.953	188	15771	0.40	ng/ul	0.00
17) Chrysene-d12	21.130	240	10461	0.40	ng/ul	0.00
23) Perylene-d12	23.271	264	8091	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.923	96	7740	1.42	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	1739	0.09	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	3658	0.11	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.393	128	2619	0.06	ng/ul#	92
7) 2-Methylnaphthalene	12.017	142	1904	0.06	ng/ul	100
8) 1-Methylnaphthalene	12.237	142	972	0.03	ng/ul	99
10) Acenaphthylene	13.933	152	1857	0.05	ng/ul	92
12) Fluorene	15.263	166	1353	0.04	ng/ul#	97
15) Phenanthrene	16.991	178	23295	0.44	ng/ul	100
16) Anthracene	17.081	178	4009	0.09	ng/ul	96
19) Fluoranthene	19.008	202	58803	1.14	ng/ul	99
20) Pyrene	19.370	202	51942	0.98	ng/ul	99
21) Benzo(a)anthracene	21.116	228	18087	0.44	ng/ul	98
22) Chrysene	21.167	228	22771	0.51	ng/ul	98
24) Benzo(b)fluoranthene	22.636	252	28549m	0.76	ng/ul	
25) Benzo(k)fluoranthene	22.673	252	9246m	0.25	ng/ul	
26) Benzo(a)pyrene	23.176	252	16578	0.53	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.376	276	11528	0.30	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.376	278	2555	0.08	ng/ul#	64
29) Benzo(g,h,i)perylene	26.021	276	10928	0.33	ng/ul	97

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

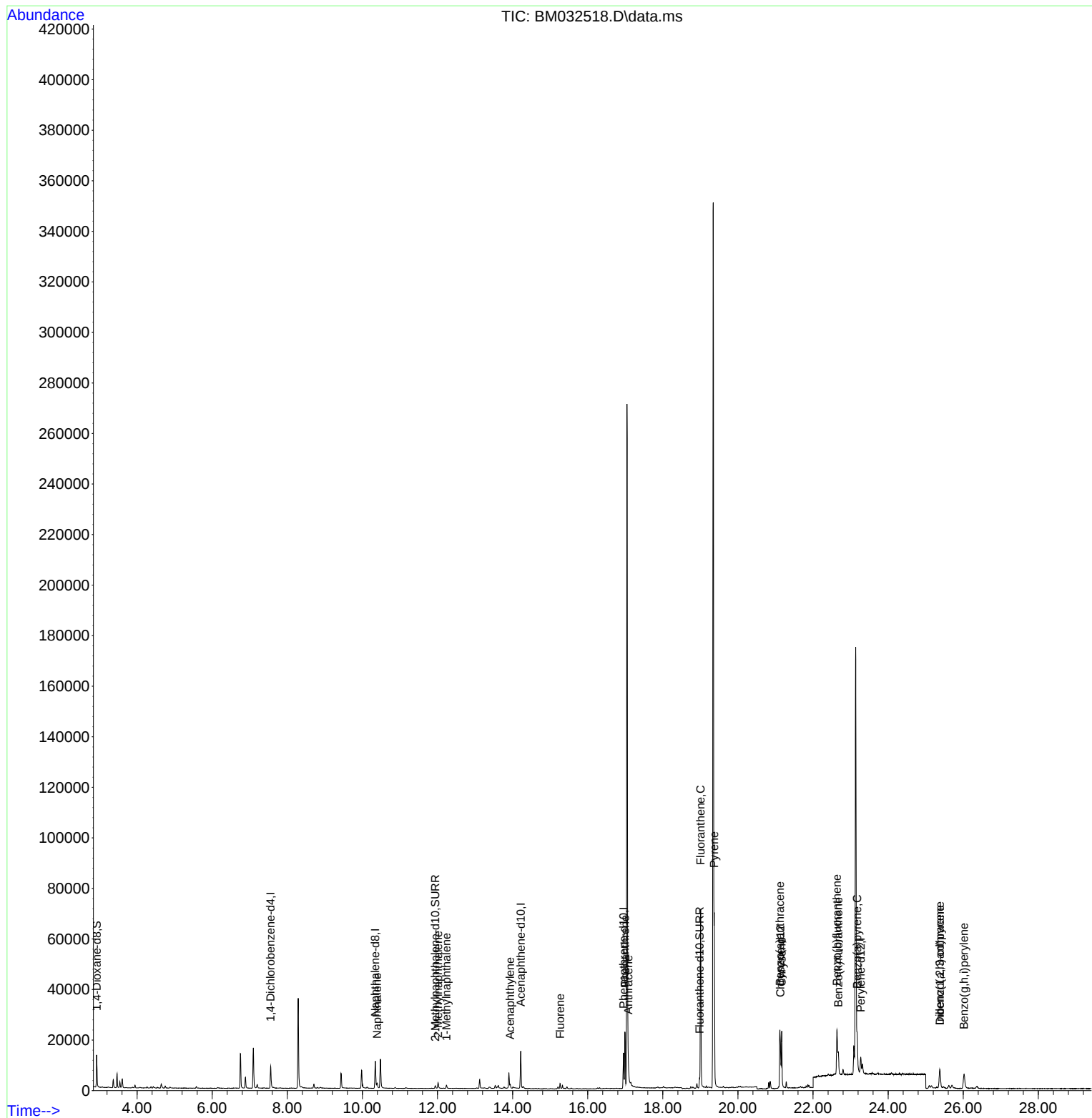
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Data File : BM032518.D
Acq On : 15 Oct 2021 10:27
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ALS Vial : 5 Sample Multiplier: 1

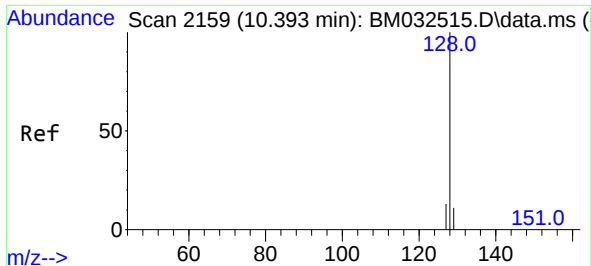
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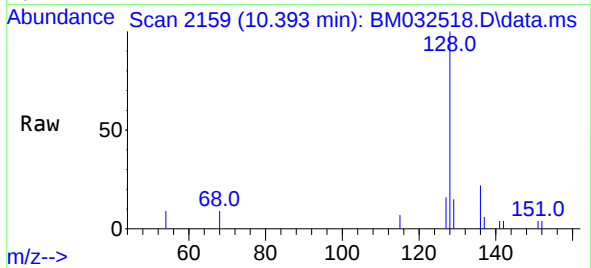
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 12:37:00 2021
Response via : Initial Calibration

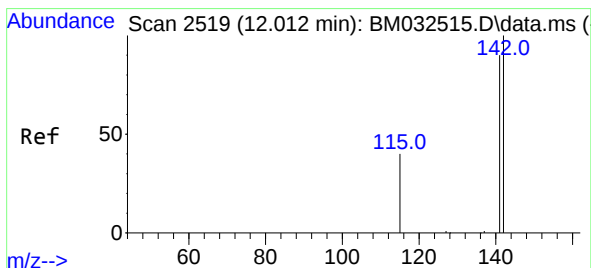
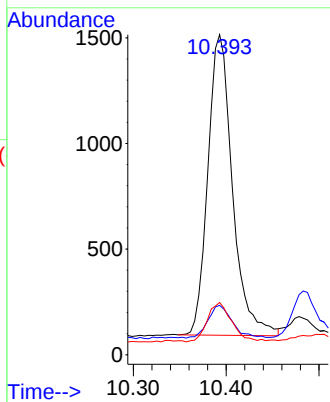
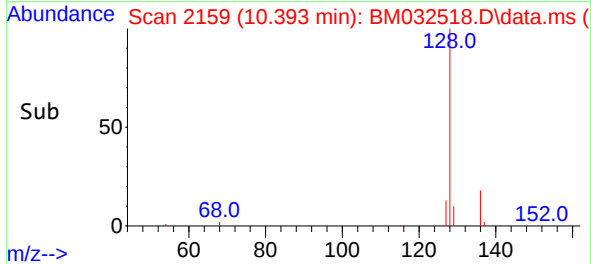




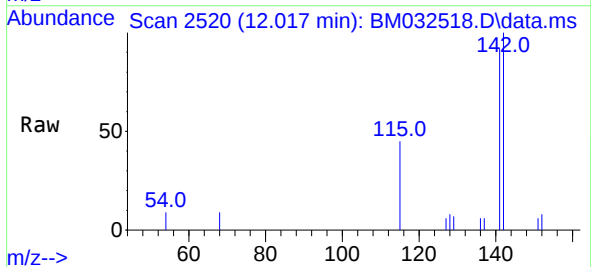
#5
Naphthalene
Concen: 0.06 ng/ul
RT: 10.393 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BM032518.D
Acq: 15 Oct 2021 10:27



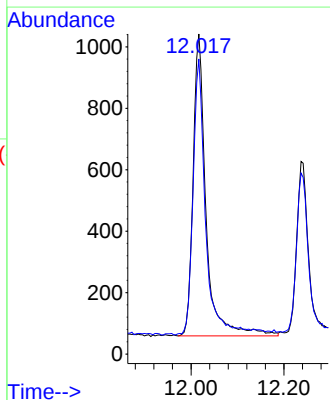
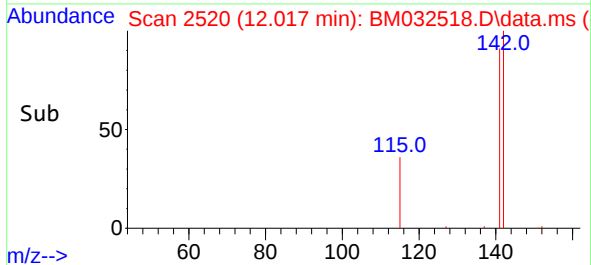
Tgt Ion:128 Resp: 2619
Ion Ratio Lower Upper
128 100
129 15.4 9.1 13.7#
127 16.3 11.1 16.7



#7
2-Methylnaphthalene
Concen: 0.06 ng/ul
RT: 12.017 min Scan# 2520
Delta R.T. 0.005 min
Lab File: BM032518.D
Acq: 15 Oct 2021 10:27



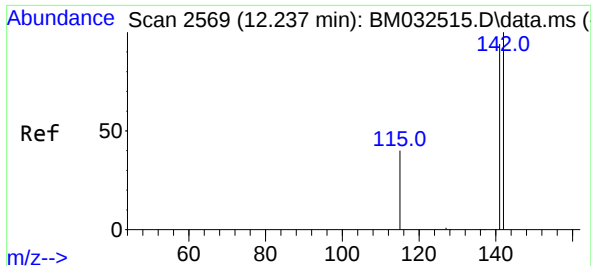
Tgt Ion:142 Resp: 1904
Ion Ratio Lower Upper
142 100
141 89.8 72.2 108.2



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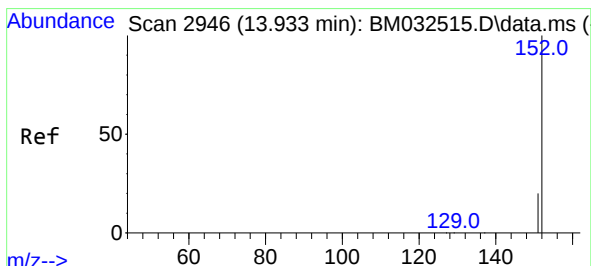
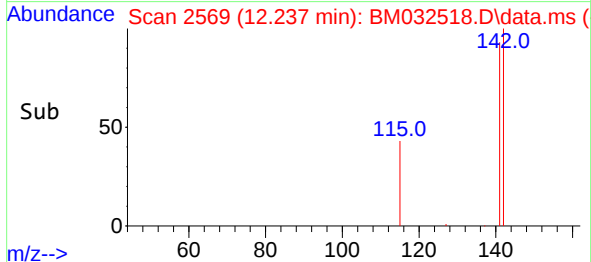
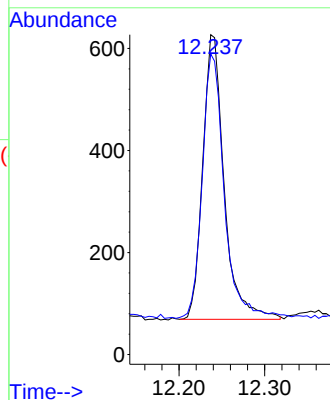
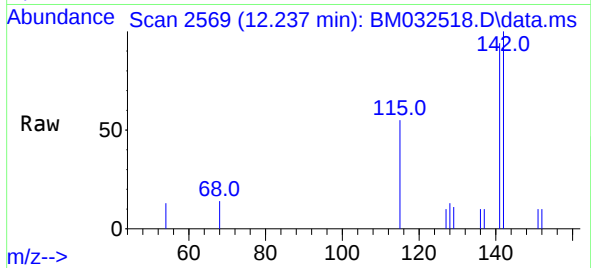
#8
1-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.237 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BM032518.D
Acq: 15 Oct 2021 10:27

Tgt Ion:142 Resp: 972
Ion Ratio Lower Upper
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141 94.2 74.9 112.3

Instrument :
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ClientSampled :
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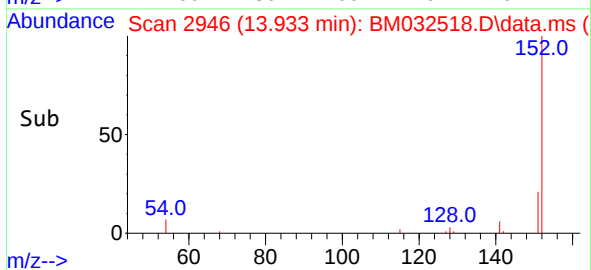
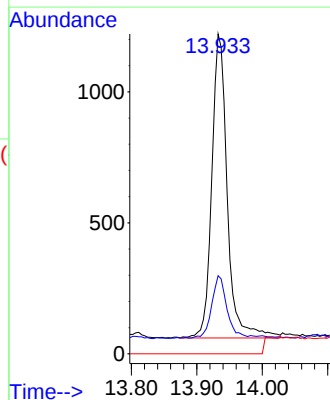
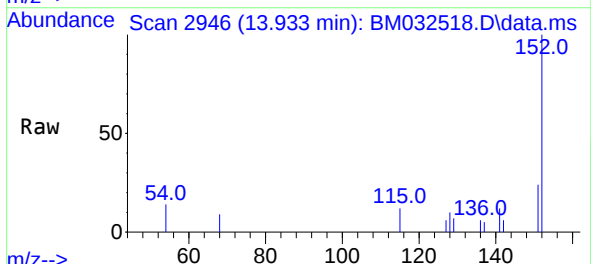
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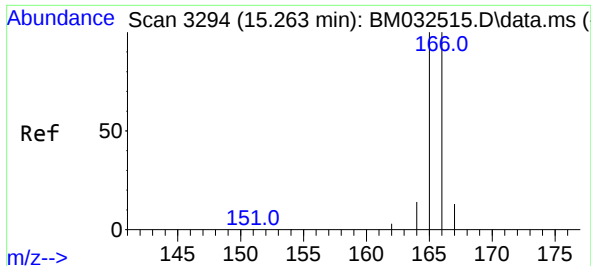
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#10
Acenaphthylene
Concen: 0.05 ng/ul
RT: 13.933 min Scan# 2946
Delta R.T. 0.000 min
Lab File: BM032518.D
Acq: 15 Oct 2021 10:27

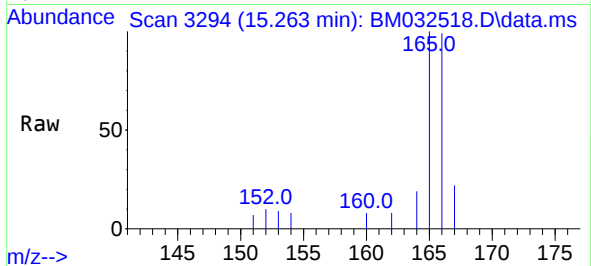
Tgt Ion:152 Resp: 1857
Ion Ratio Lower Upper
152 100
151 24.4 16.7 25.1
153 0.0 0.0 0.0





#12
Fluorene
Concen: 0.04 ng/ul
RT: 15.263 min Scan# 3294
Delta R.T. 0.000 min
Lab File: BM032518.D
Acq: 15 Oct 2021 10:27

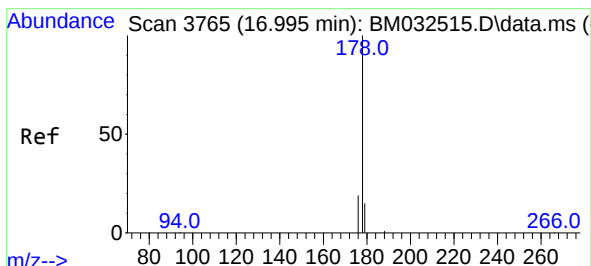
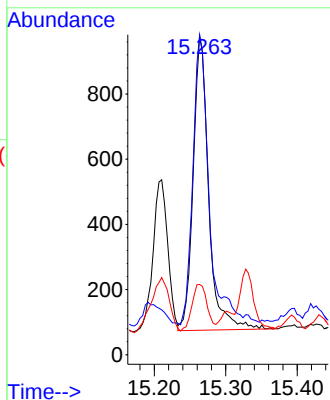
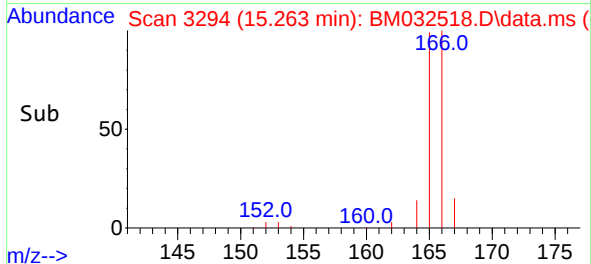
Instrument :
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ClientSampled :
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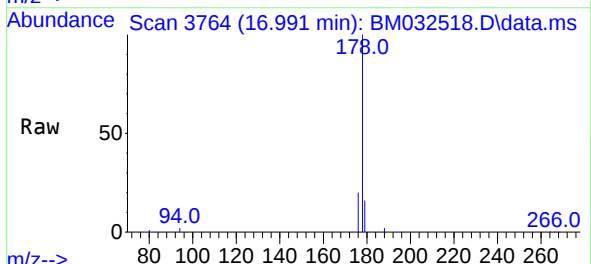
Tgt Ion:166 Resp: 1353
Ion Ratio Lower Upper
166 100
165 100.7 80.7 121.1
167 22.2 11.2 16.8#

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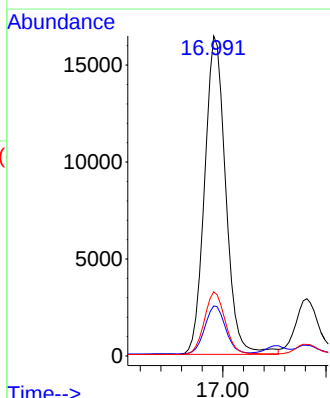
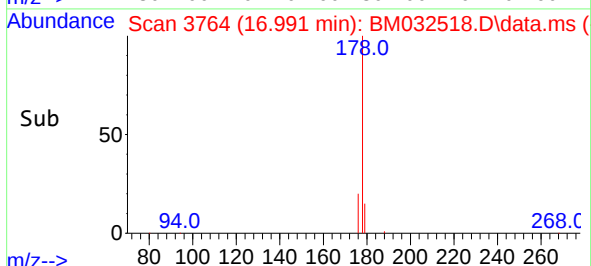
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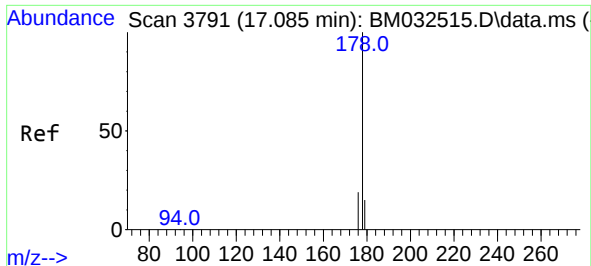


#15
Phenanthrene
Concen: 0.44 ng/ul
RT: 16.991 min Scan# 3764
Delta R.T. -0.003 min
Lab File: BM032518.D
Acq: 15 Oct 2021 10:27

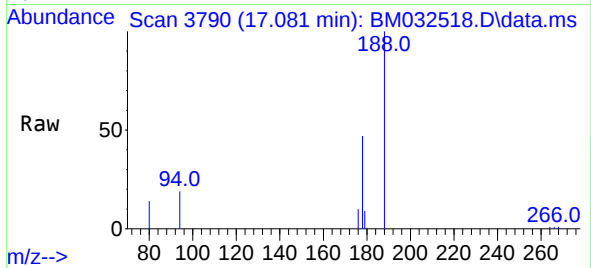


Tgt Ion:178 Resp: 23295
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 20.1 16.1 24.1

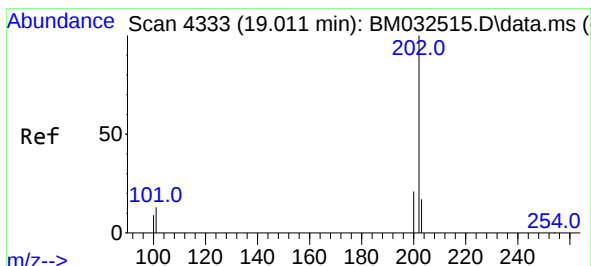
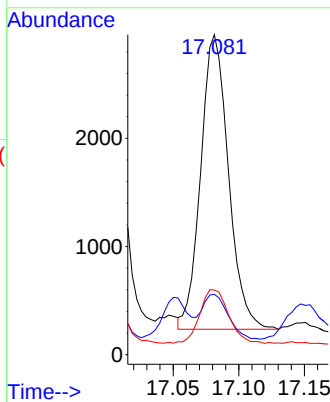
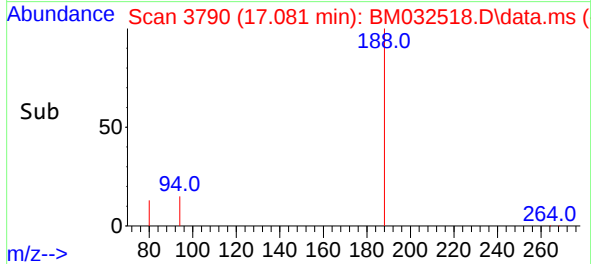




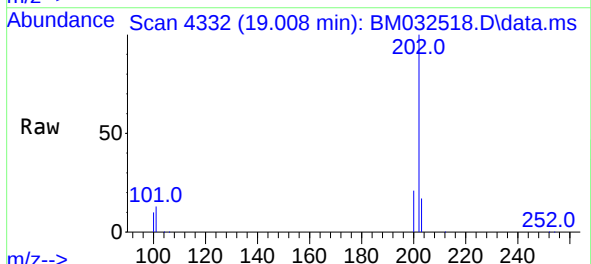
#16
 Anthracene
 Concen: 0.09 ng/ul
 RT: 17.081 min Scan# 3790
 Delta R.T. -0.003 min
 Lab File: BM032518.D
 Acq: 15 Oct 2021 10:27



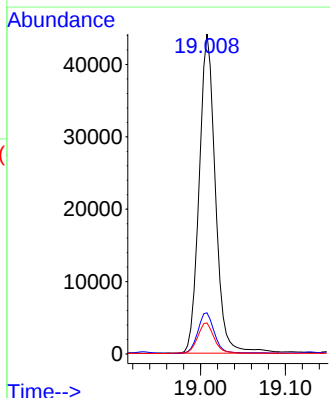
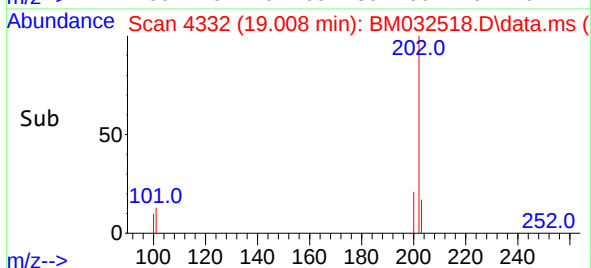
Tgt Ion:	178	Resp:	4009
Ion Ratio	Lower	Upper	
178	100		
179	18.8	12.9	19.3
176	20.2	15.8	23.6



#19
 Fluoranthene
 Concen: 1.14 ng/ul
 RT: 19.008 min Scan# 4332
 Delta R.T. -0.004 min
 Lab File: BM032518.D
 Acq: 15 Oct 2021 10:27



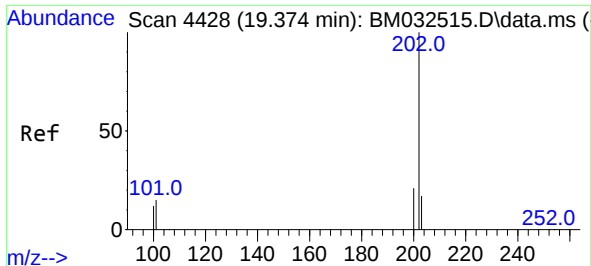
Tgt Ion:	202	Resp:	58803
Ion Ratio	Lower	Upper	
202	100		
101	12.9	10.6	16.0
100	9.7	7.8	11.8



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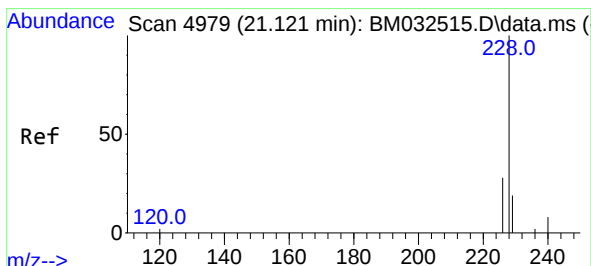
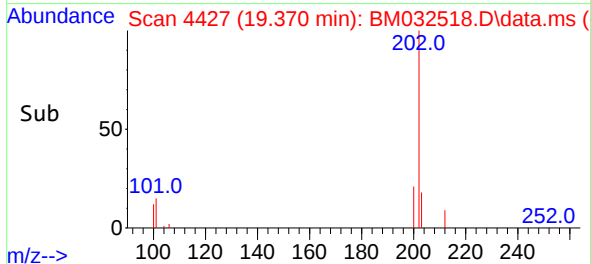
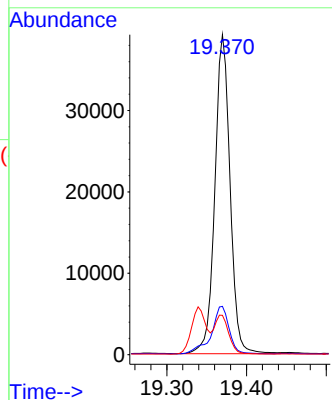
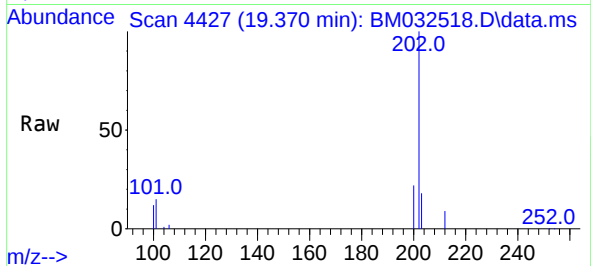
#20
Pyrene
Concen: 0.98 ng/ul
RT: 19.370 min Scan# 4427
Delta R.T. -0.004 min
Lab File: BM032518.D
Acq: 15 Oct 2021 10:27

Tgt Ion:	202	Resp:	51942
Ion Ratio	Lower	Upper	
202	100		
101	15.1	12.3	18.5
100	12.3	10.1	15.1

Instrument :
BNA_M
ClientSampleId :
C00U0

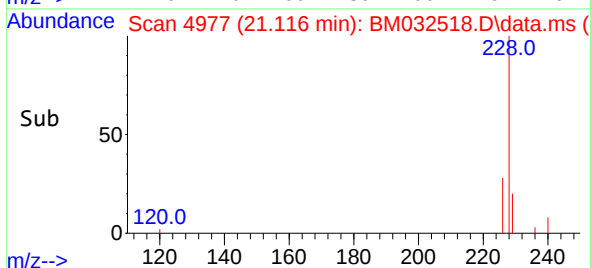
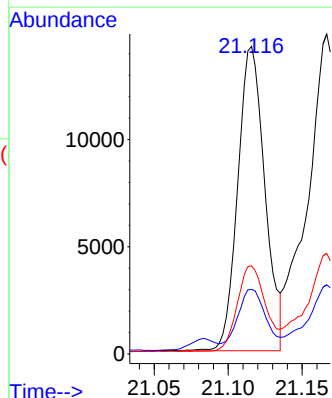
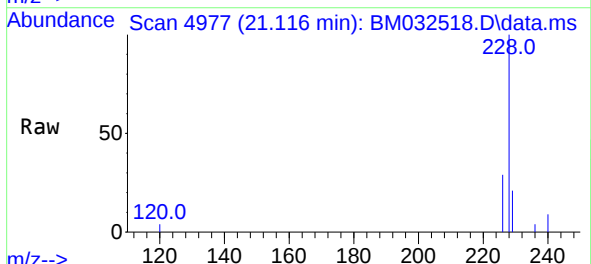
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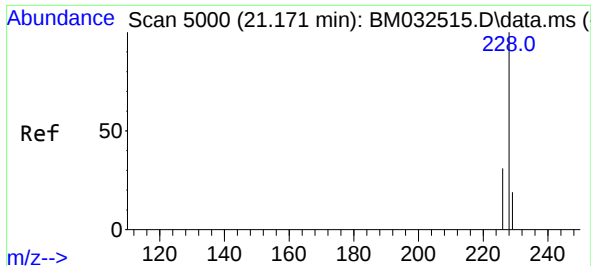
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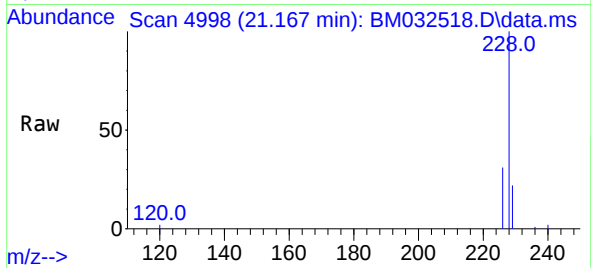
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Benzo(a)anthracene
Concen: 0.44 ng/ul
RT: 21.116 min Scan# 4977
Delta R.T. -0.005 min
Lab File: BM032518.D
Acq: 15 Oct 2021 10:27

Tgt Ion:	228	Resp:	18087
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.9	23.9
226	28.7	22.4	33.6

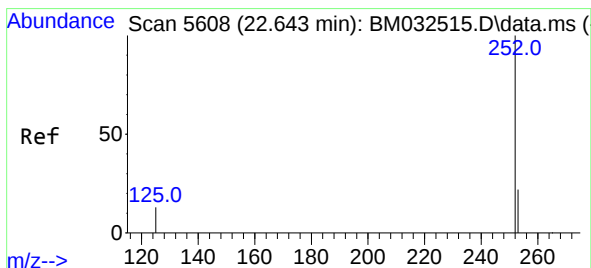
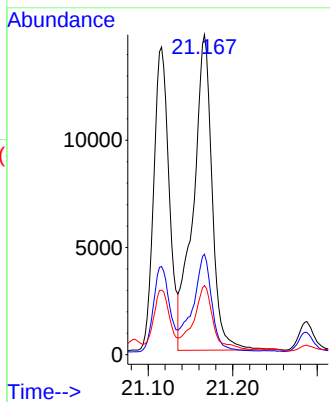
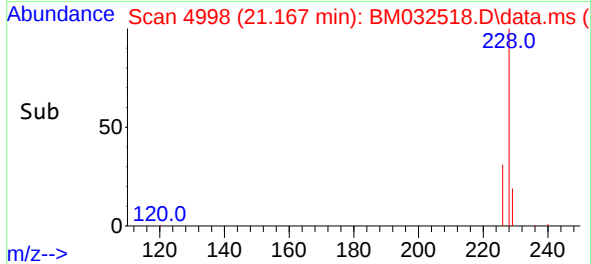




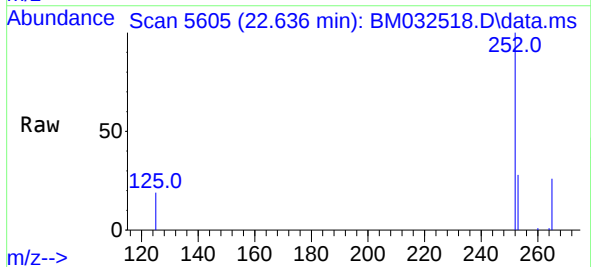
#22
Chrysene
Concen: 0.51 ng/ul
RT: 21.167 min Scan# 4998
Delta R.T. -0.005 min
Lab File: BM032518.D
Acq: 15 Oct 2021 10:27



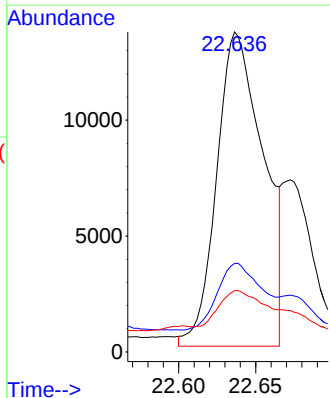
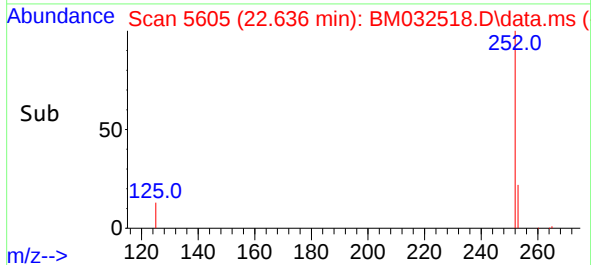
Tgt Ion:228 Resp: 22771
Ion Ratio Lower Upper
228 100
226 31.4 25.1 37.7
229 21.6 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 0.76 ng/ul m
RT: 22.636 min Scan# 5605
Delta R.T. -0.007 min
Lab File: BM032518.D
Acq: 15 Oct 2021 10:27



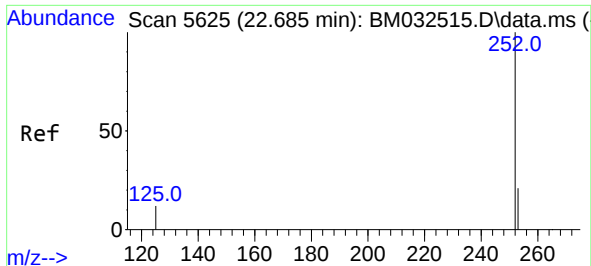
Tgt Ion:252 Resp: 28549
Ion Ratio Lower Upper
252 100
253 27.7 0.0 53.8
125 19.2 0.0 35.6



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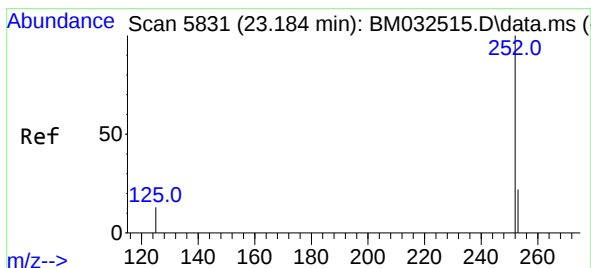
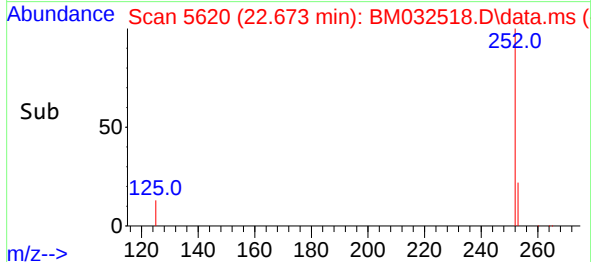
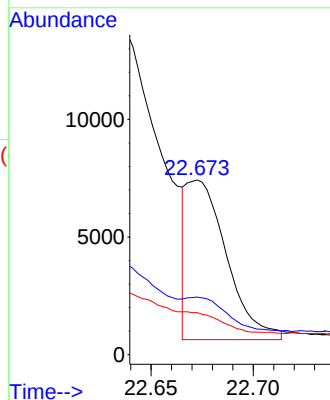
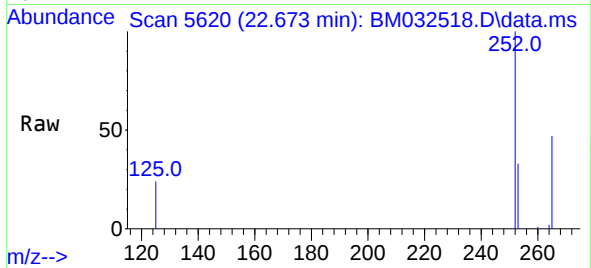
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Benzo(k)fluoranthene
Concen: 0.25 ng/ul m
RT: 22.673 min Scan# 5620
Delta R.T. -0.012 min
Lab File: BM032518.D
Acq: 15 Oct 2021 10:27

Tgt Ion:252	Resp:	9246
Ion Ratio	Lower	Upper
252	100	
253	33.0	21.8 32.6#
125	24.1	14.4 21.6#

Instrument :
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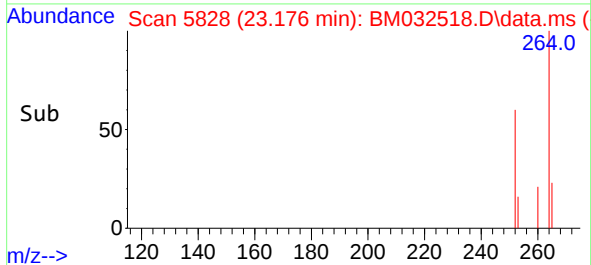
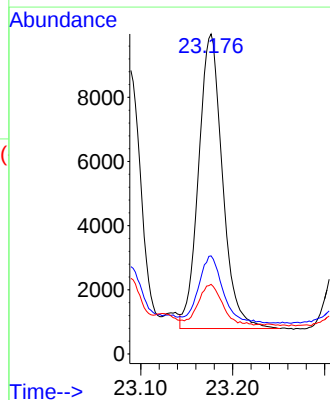
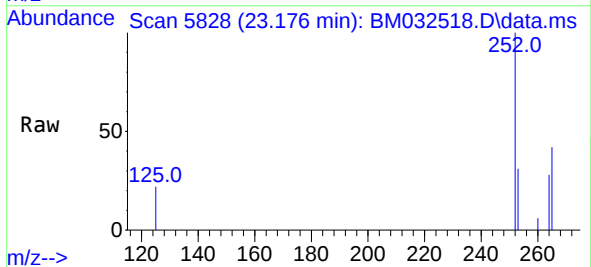
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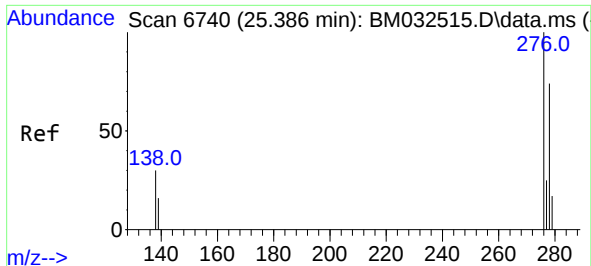
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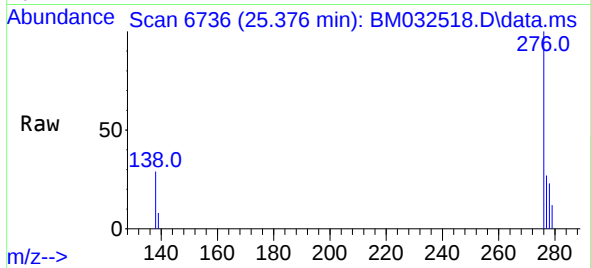
#26
Benzo(a)pyrene
Concen: 0.53 ng/ul
RT: 23.176 min Scan# 5828
Delta R.T. -0.007 min
Lab File: BM032518.D
Acq: 15 Oct 2021 10:27

Tgt Ion:252	Resp:	16578
Ion Ratio	Lower	Upper
252	100	
253	30.6	23.6 35.4
125	21.8	17.1 25.7

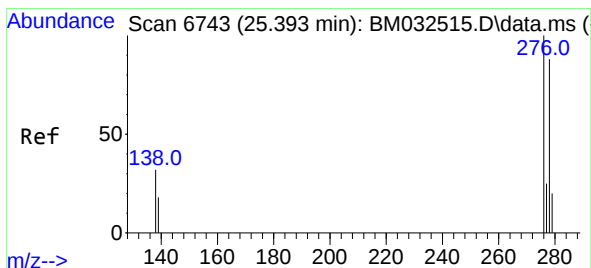
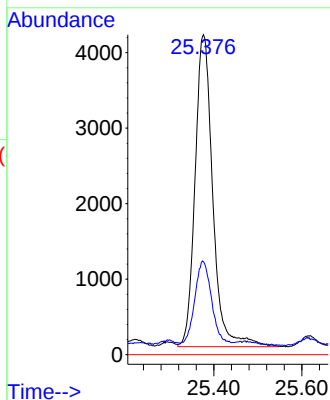
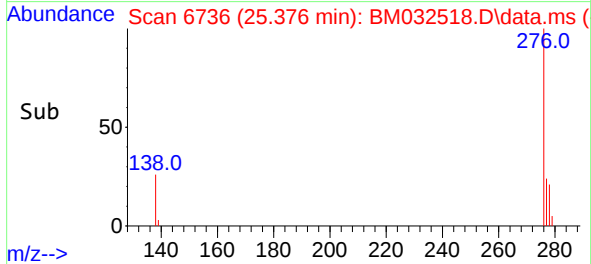




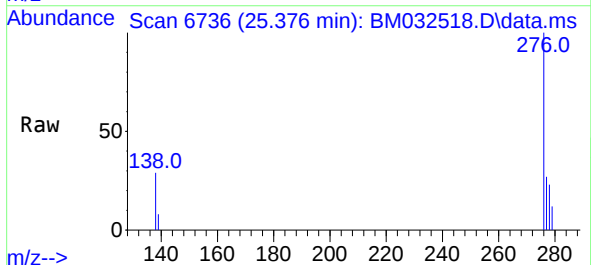
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.30 ng/ul
RT: 25.376 min Scan# 6736
Delta R.T. -0.010 min
Lab File: BM032518.D
Acq: 15 Oct 2021 10:27



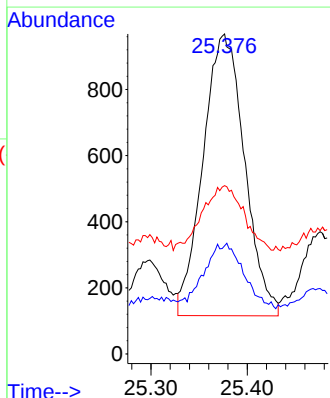
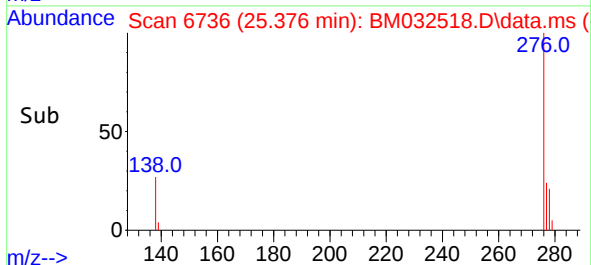
Tgt Ion: 276 Resp: 11528
Ion Ratio Lower Upper
276 100
138 25.8 24.9 37.3
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.08 ng/ul
RT: 25.376 min Scan# 6736
Delta R.T. -0.017 min
Lab File: BM032518.D
Acq: 15 Oct 2021 10:27



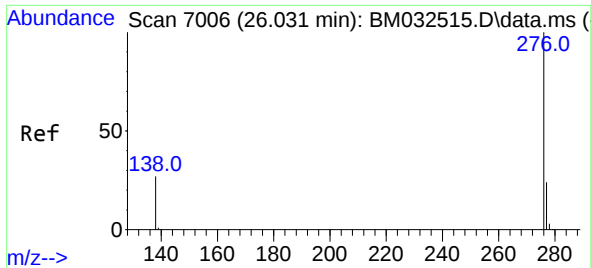
Tgt Ion: 278 Resp: 2555
Ion Ratio Lower Upper
278 100
139 33.8 18.6 28.0#
279 52.6 22.0 33.0#



Instrument :
BNA_M
ClientSampleId :
C00U0

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#29
Benzo(g,h,i)perylene
Concen: 0.33 ng/ul
RT: 26.021 min Scan# 7002
Delta R.T. -0.010 min
Lab File: BM032518.D
Acq: 15 Oct 2021 10:27

Tgt Ion:	276	Resp:	10928
Ion Ratio	Lower	Upper	
276	100		
138	29.3	22.6	33.8
277	26.4	19.9	29.9

Instrument :
BNA_M
ClientSampleId :
C00U0

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