

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032521.D
 Acq On : 15 Oct 2021 12:16
 Operator : CG/JU
 Sample : M4030-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00U6

Manual Integrations
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Quant Time: Oct 15 12:58:28 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	7.557	152	4580	0.40	ng/ul	0.00
4) Naphthalene-d8	10.344	136	14433	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	7543	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	14384	0.40	ng/ul	0.00
17) Chrysene-d12	21.130	240	9170	0.40	ng/ul	0.00
23) Perylene-d12	23.271	264	7328	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.923	96	9574	1.87	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	2248	0.12	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	4233	0.15	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.393	128	1661	0.04	ng/ul#	85
7) 2-Methylnaphthalene	12.017	142	984	0.03	ng/ul	100
10) Acenaphthylene	13.933	152	934	0.03	ng/ul#	86
11) Acenaphthene	14.278	153	637	0.02	ng/ul	96
12) Fluorene	15.263	166	1158	0.03	ng/ul#	97
15) Phenanthrene	16.991	178	21133	0.44	ng/ul	100
16) Anthracene	17.081	178	5414	0.13	ng/ul	96
19) Fluoranthene	19.008	202	47549	1.05	ng/ul	99
20) Pyrene	19.370	202	42524	0.91	ng/ul	99
21) Benzo(a)anthracene	21.116	228	16514	0.46	ng/ul	99
22) Chrysene	21.167	228	18215	0.46	ng/ul	98
24) Benzo(b)fluoranthene	22.636	252	18378m	0.54	ng/ul	
25) Benzo(k)fluoranthene	22.673	252	7547m	0.22	ng/ul	
26) Benzo(a)pyrene	23.174	252	13151	0.46	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.376	276	7987	0.23	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.374	278	1757	0.06	ng/ul#	50
29) Benzo(g,h,i)perylene	26.021	276	7323	0.24	ng/ul	95

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

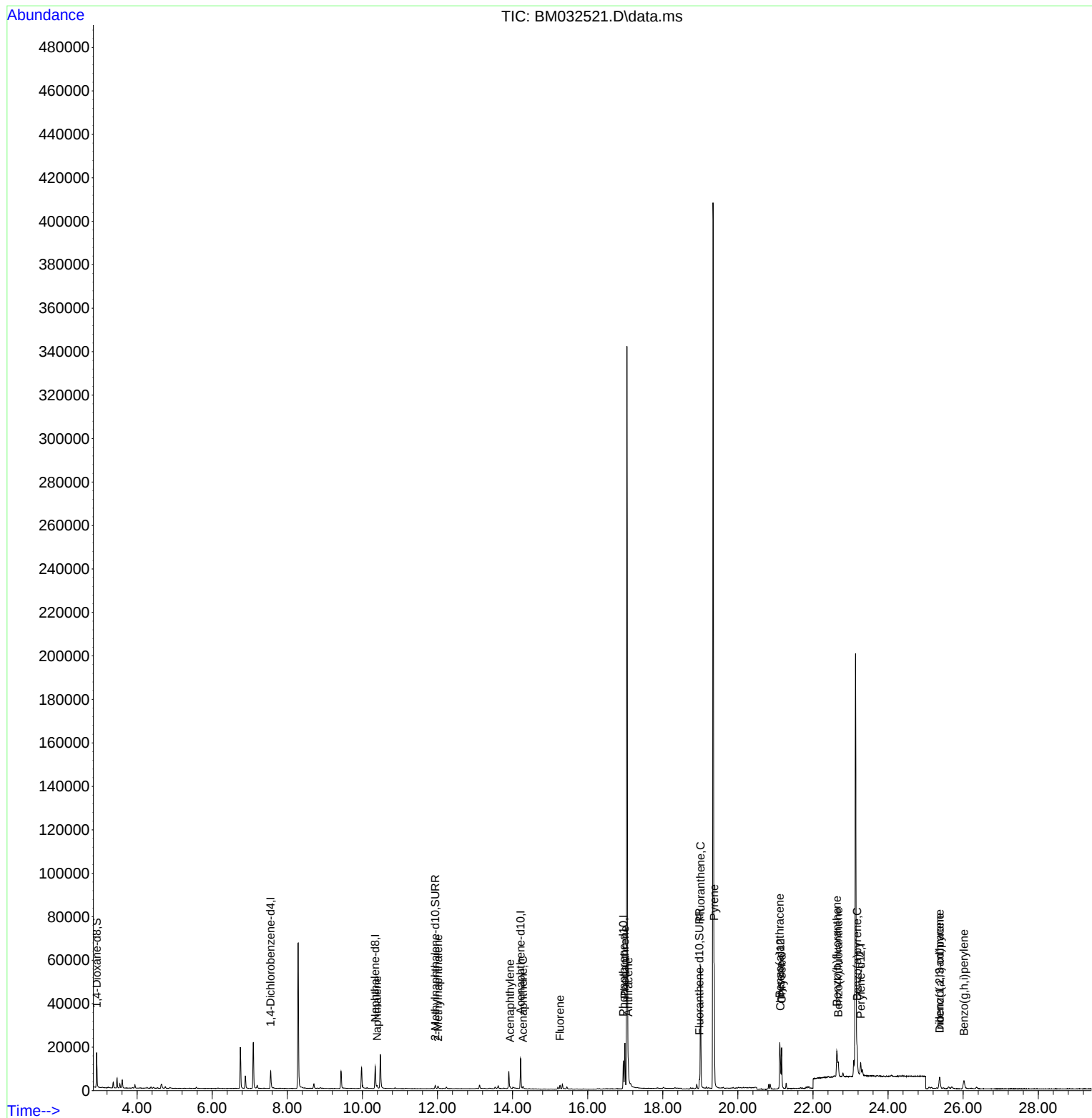
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Data File : BM032521.D
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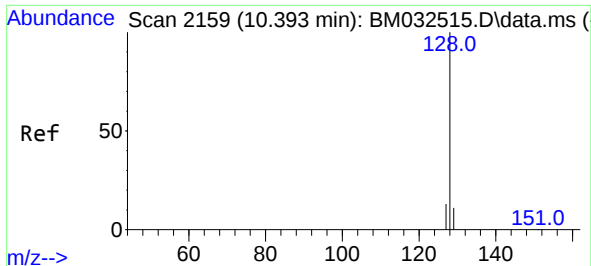
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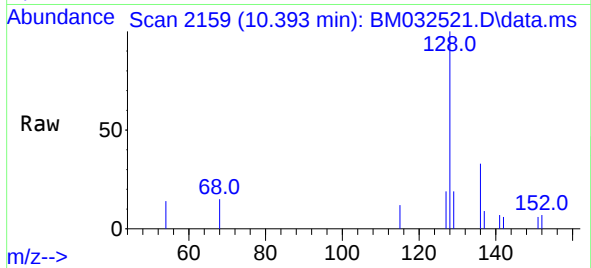
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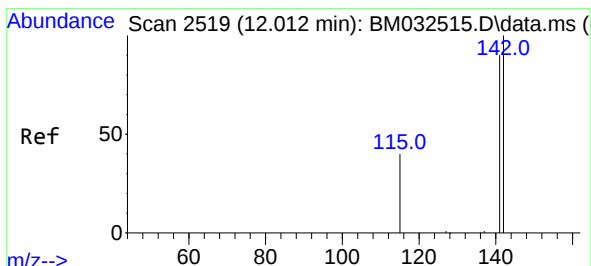
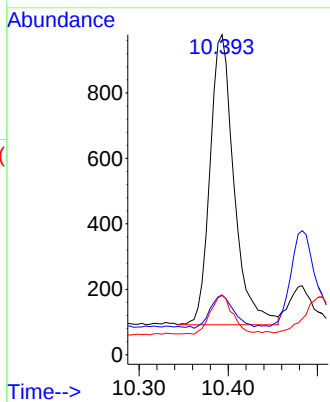
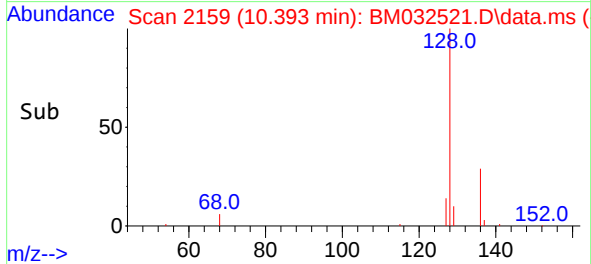




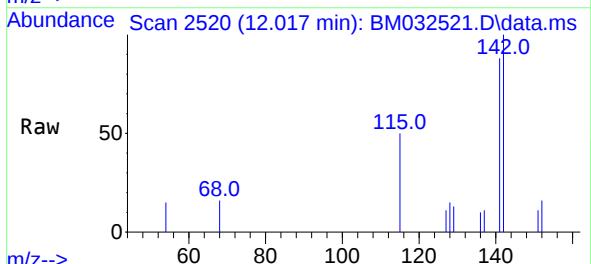
#5
Naphthalene
Concen: 0.04 ng/ul
RT: 10.393 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BM032521.D
Acq: 15 Oct 2021 12:16



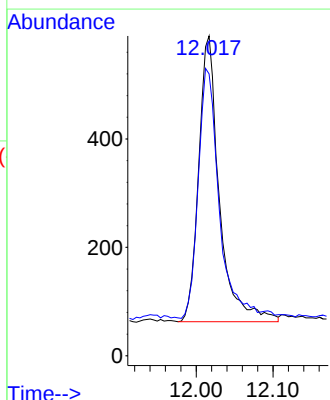
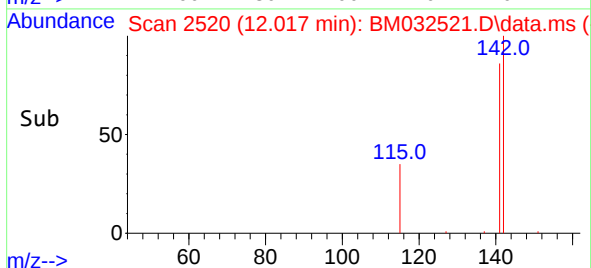
Tgt Ion:128 Resp: 1661
Ion Ratio Lower Upper
128 100
129 18.7 9.1 13.7#
127 18.5 11.1 16.7#



#7
2-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.017 min Scan# 2520
Delta R.T. 0.005 min
Lab File: BM032521.D
Acq: 15 Oct 2021 12:16



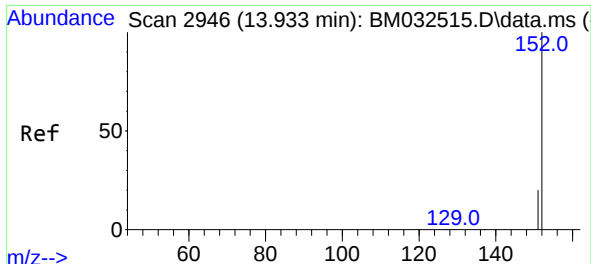
Tgt Ion:142 Resp: 984
Ion Ratio Lower Upper
142 100
141 89.7 72.2 108.2



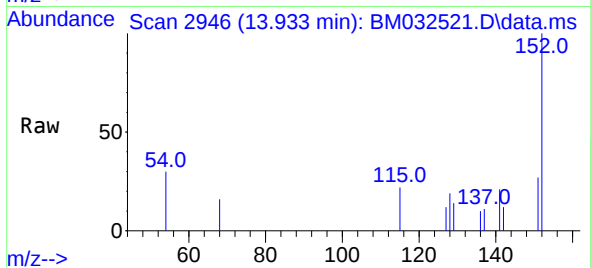
Instrument :
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ClientSampleId :
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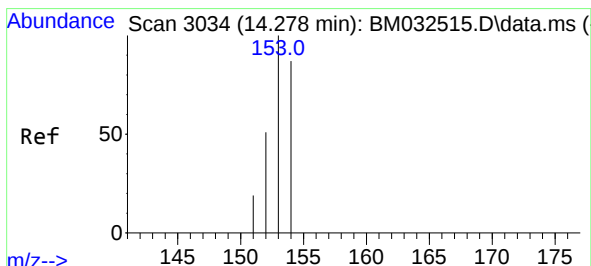
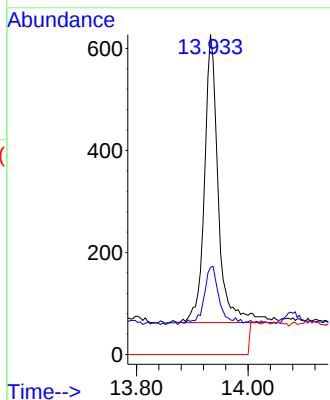
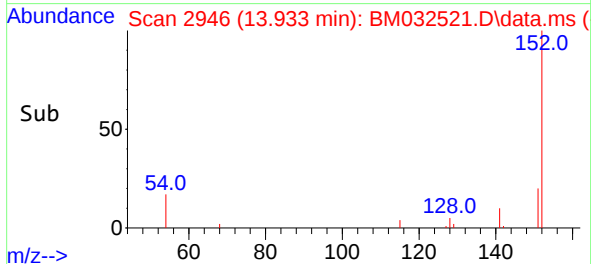
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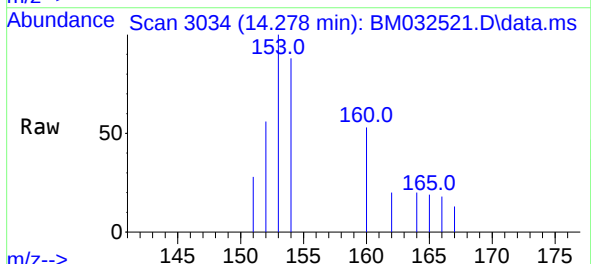
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Acenaphthylene
Concen: 0.03 ng/ul
RT: 13.933 min Scan# 2946
Delta R.T. 0.000 min
Lab File: BM032521.D
Acq: 15 Oct 2021 12:16



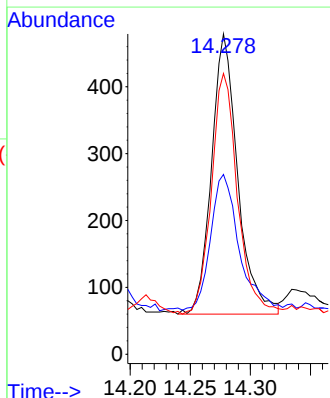
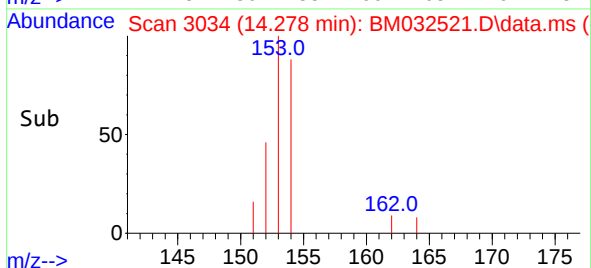
Tgt Ion:152 Resp: 934
Ion Ratio Lower Upper
152 100
151 27.3 16.7 25.1#
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.02 ng/ul
RT: 14.278 min Scan# 3034
Delta R.T. 0.000 min
Lab File: BM032521.D
Acq: 15 Oct 2021 12:16



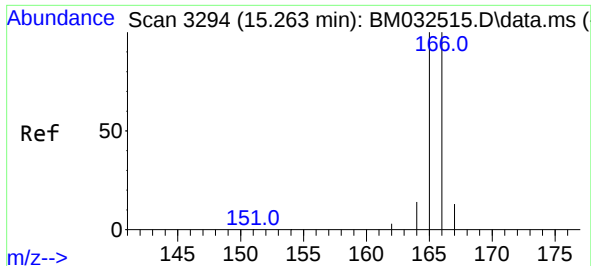
Tgt Ion:153 Resp: 637
Ion Ratio Lower Upper
153 100
152 56.2 40.4 60.6
154 87.7 70.8 106.2



Instrument :
BNA_M
ClientSampled :
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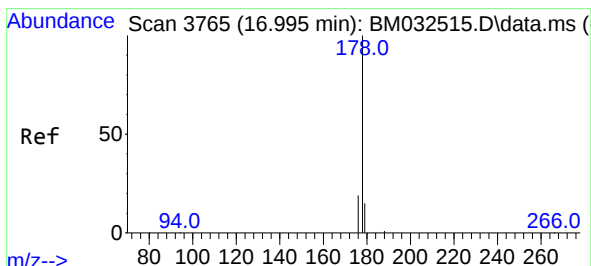
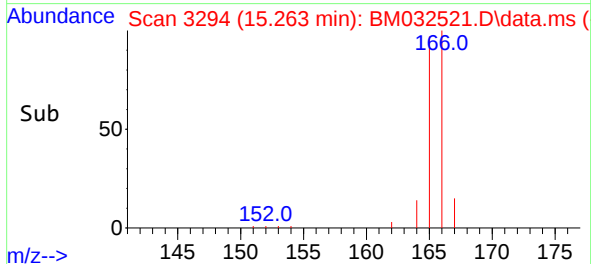
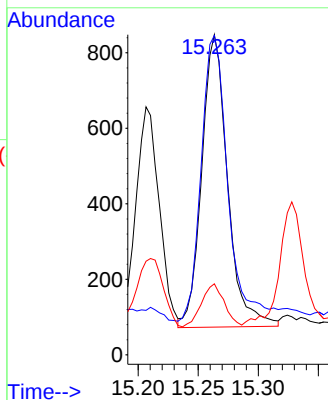
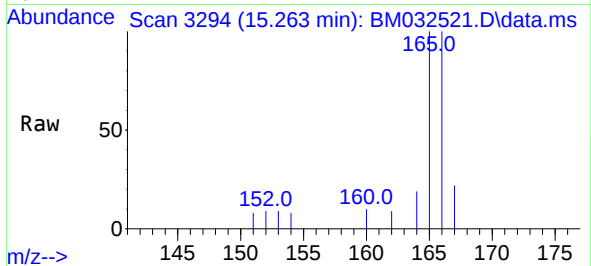
#12
Fluorene
Concen: 0.03 ng/u1
RT: 15.263 min Scan# 3294
Delta R.T. 0.000 min
Lab File: BM032521.D
Acq: 15 Oct 2021 12:16

Tgt Ion:166 Resp: 1158
Ion Ratio Lower Upper
166 100
165 99.8 80.7 121.1
167 22.2 11.2 16.8#

Instrument :
BNA_M
ClientSampleId :
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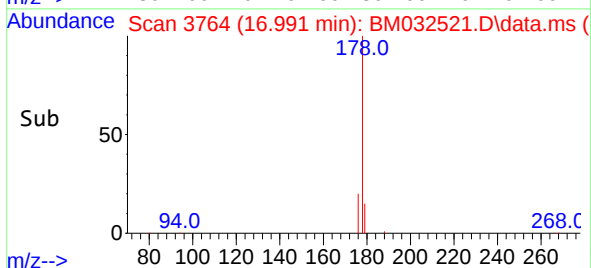
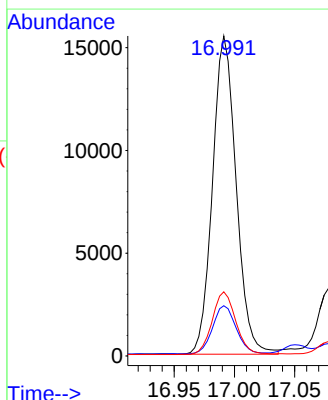
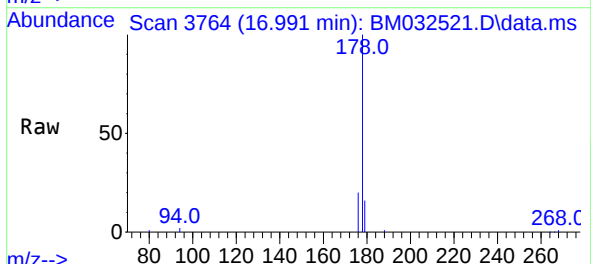
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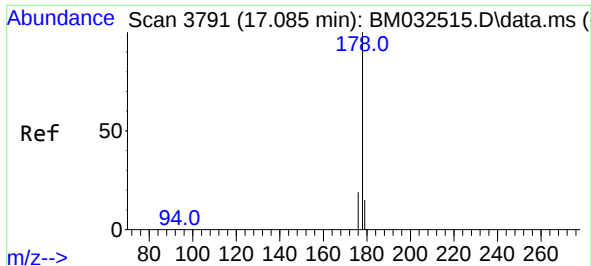
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#15
Phenanthrene
Concen: 0.44 ng/u1
RT: 16.991 min Scan# 3764
Delta R.T. -0.003 min
Lab File: BM032521.D
Acq: 15 Oct 2021 12:16

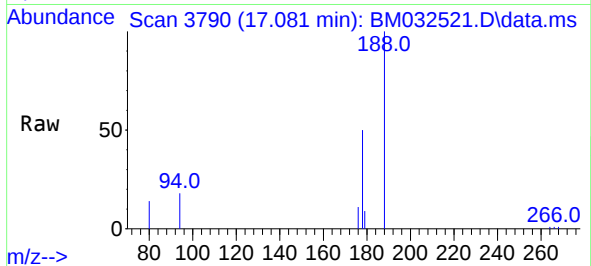
Tgt Ion:178 Resp: 21133
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 20.1 16.1 24.1





#16
 Anthracene
 Concen: 0.13 ng/u1
 RT: 17.081 min Scan# 3790
 Delta R.T. -0.003 min
 Lab File: BM032521.D
 Acq: 15 Oct 2021 12:16

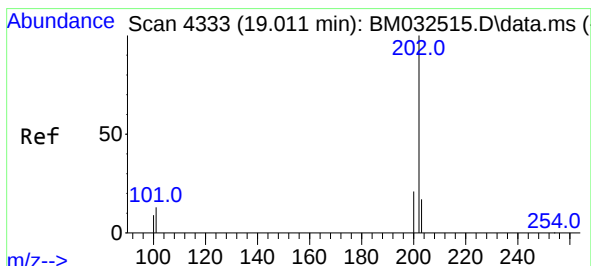
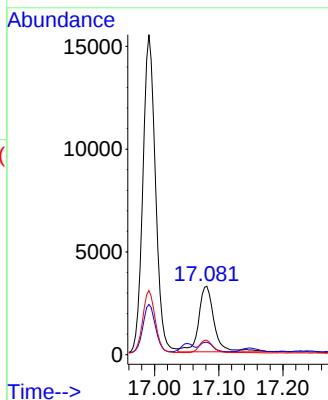
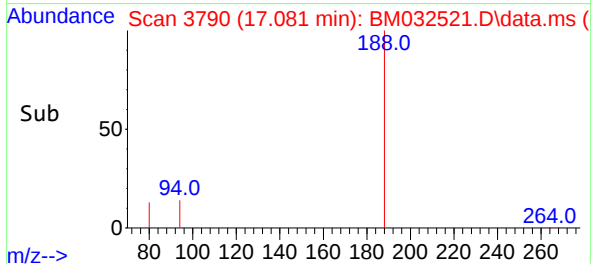
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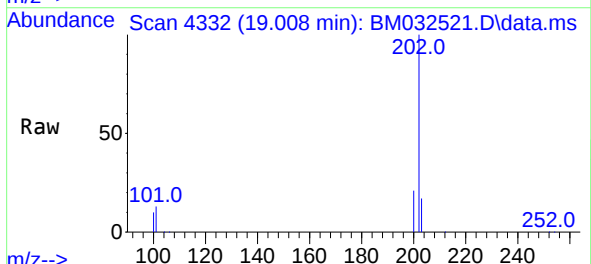
Tgt Ion:	178	Resp:	5414
Ion Ratio	Lower	Upper	
178	100		
179	18.3	12.9	19.3
176	21.0	15.8	23.6

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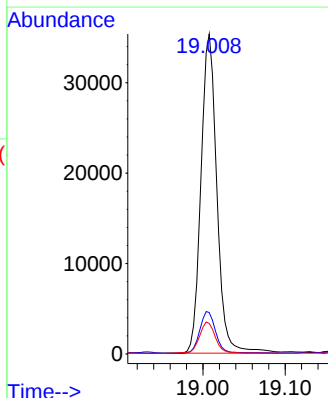
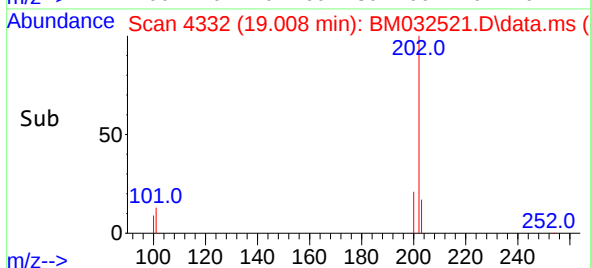
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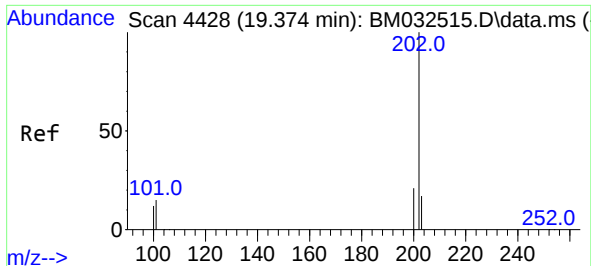


#19
 Fluoranthene
 Concen: 1.05 ng/u1
 RT: 19.008 min Scan# 4332
 Delta R.T. -0.004 min
 Lab File: BM032521.D
 Acq: 15 Oct 2021 12:16



Tgt Ion:	202	Resp:	47549
Ion Ratio	Lower	Upper	
202	100		
101	13.0	10.6	16.0
100	9.5	7.8	11.8





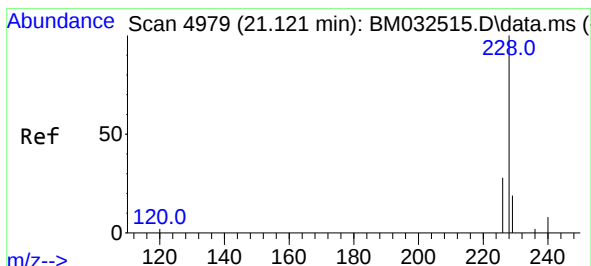
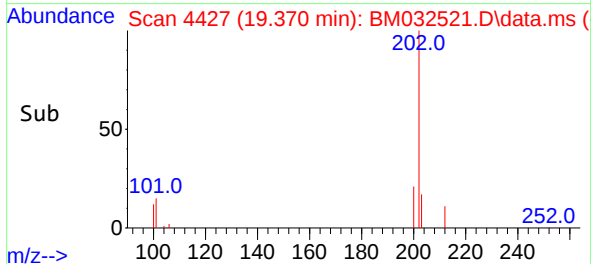
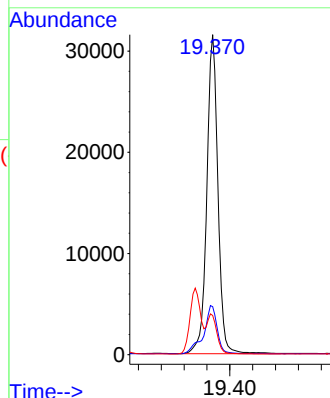
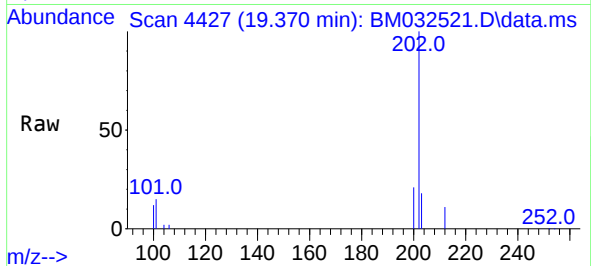
#20
Pyrene
Concen: 0.91 ng/ul
RT: 19.370 min Scan# 4427
Delta R.T. -0.004 min
Lab File: BM032521.D
Acq: 15 Oct 2021 12:16

Tgt Ion:	202	Resp:	42524
Ion	Ratio	Lower	Upper
202	100		
101	15.0	12.3	18.5
100	12.2	10.1	15.1

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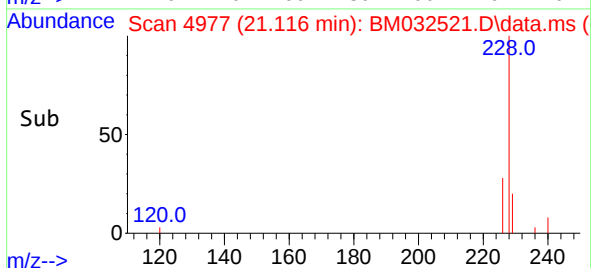
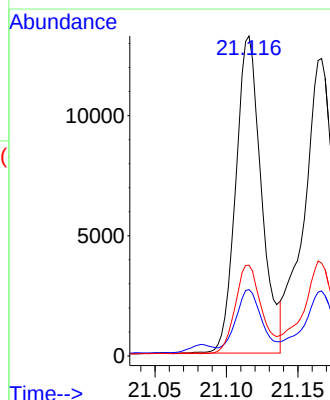
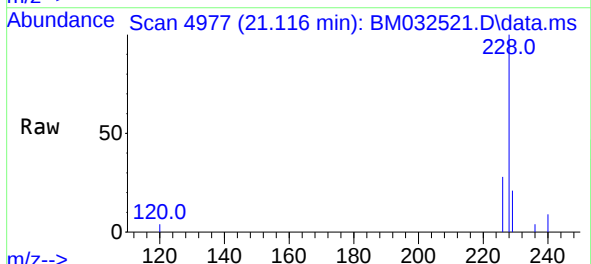
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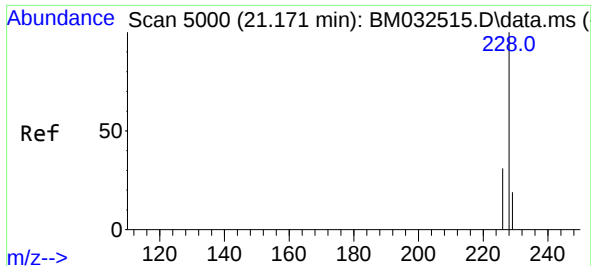
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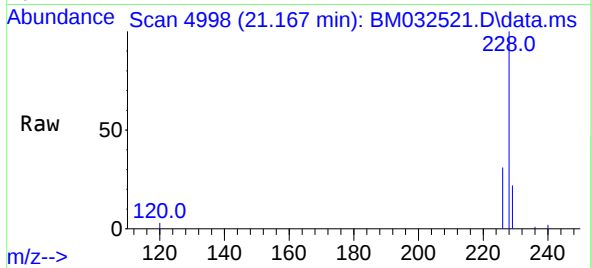
#21
Benzo(a)anthracene
Concen: 0.46 ng/ul
RT: 21.116 min Scan# 4977
Delta R.T. -0.005 min
Lab File: BM032521.D
Acq: 15 Oct 2021 12:16

Tgt Ion:	228	Resp:	16514
Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.9	23.9
226	28.4	22.4	33.6

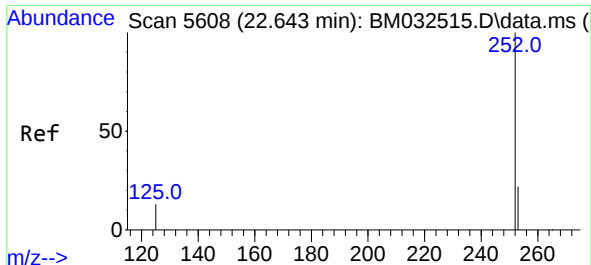
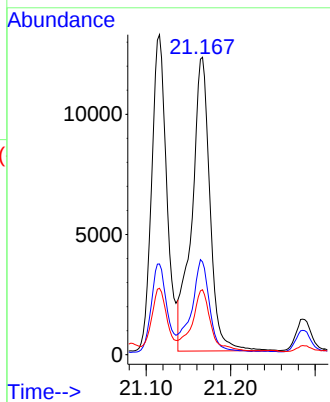
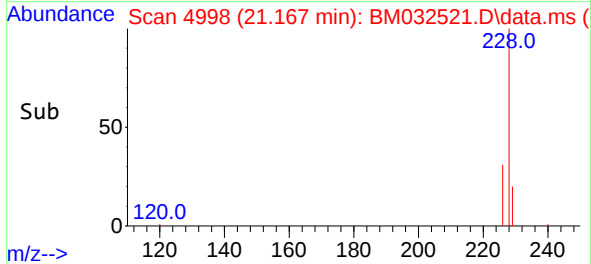




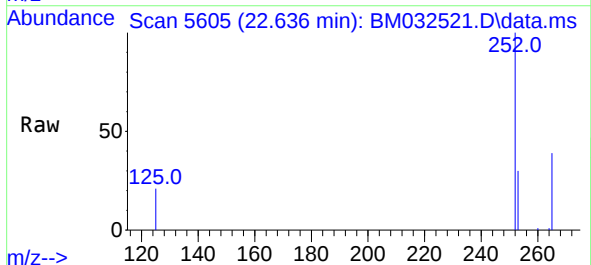
#22
Chrysene
Concen: 0.46 ng/u1
RT: 21.167 min Scan# 4998
Delta R.T. -0.005 min
Lab File: BM032521.D
Acq: 15 Oct 2021 12:16



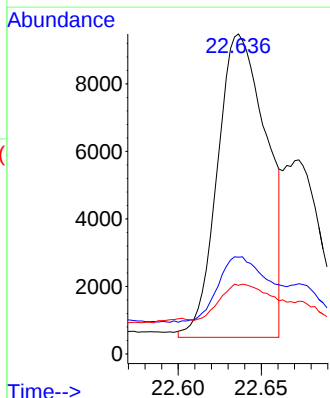
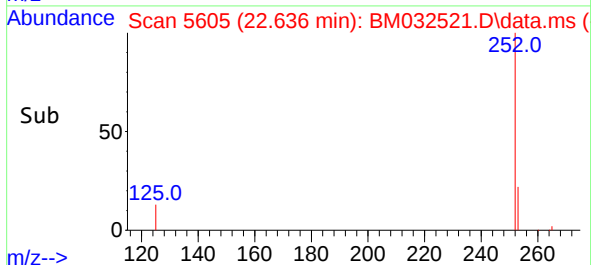
Tgt Ion:228 Resp: 18215
Ion Ratio Lower Upper
228 100
226 31.2 25.1 37.7
229 21.8 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 0.54 ng/u1 m
RT: 22.636 min Scan# 5605
Delta R.T. -0.007 min
Lab File: BM032521.D
Acq: 15 Oct 2021 12:16



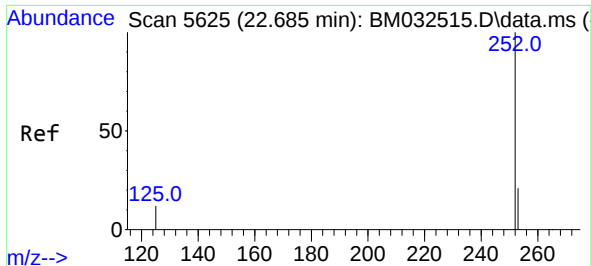
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Ion Ratio Lower Upper
252 100
253 30.3 0.0 53.8
125 21.4 0.0 35.6



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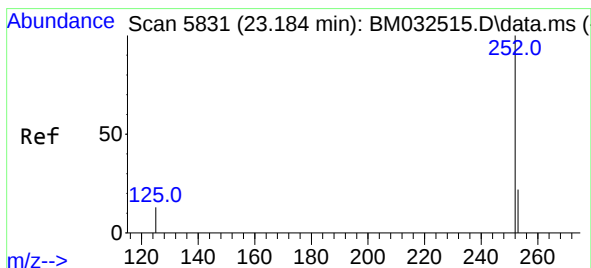
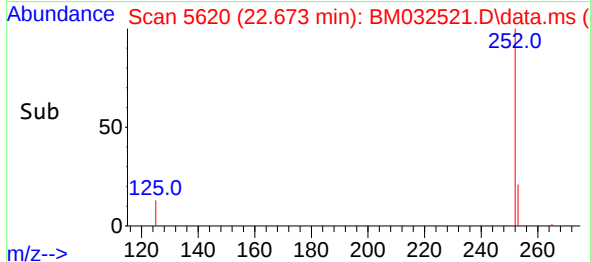
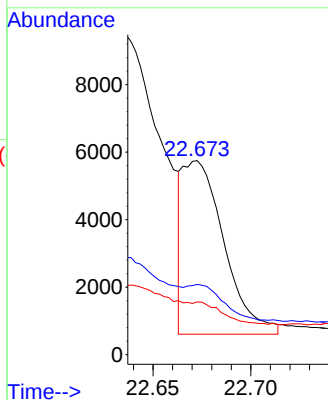
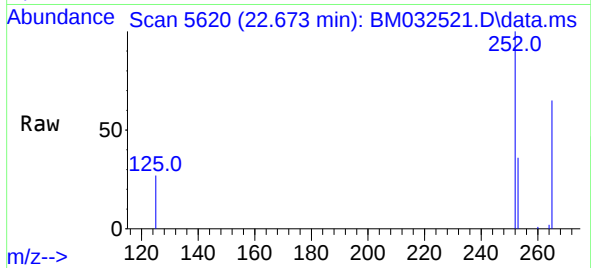
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Benzo(k)fluoranthene
Concen: 0.22 ng/ul m
RT: 22.673 min Scan# 5620
Delta R.T. -0.012 min
Lab File: BM032521.D
Acq: 15 Oct 2021 12:16

Tgt Ion:252 Resp: 7547
Ion Ratio Lower Upper
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253 36.2 21.8 32.6#
125 27.3 14.4 21.6#

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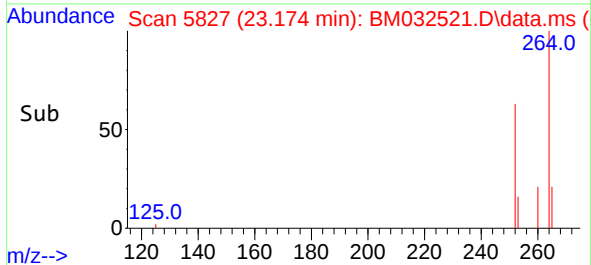
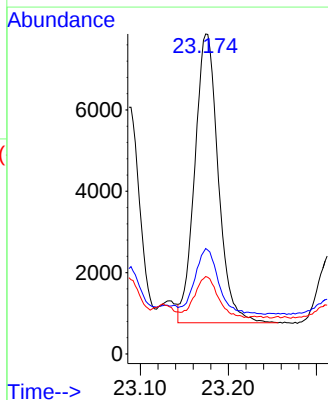
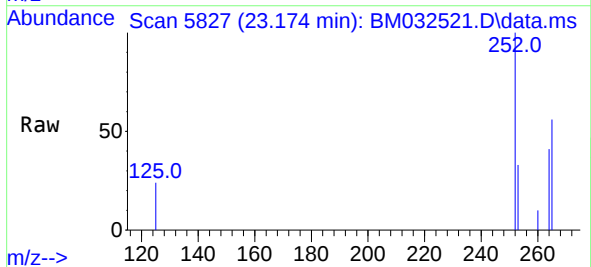
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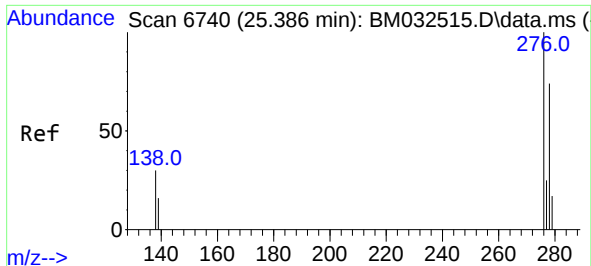
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#26
Benzo(a)pyrene
Concen: 0.46 ng/ul
RT: 23.174 min Scan# 5827
Delta R.T. -0.010 min
Lab File: BM032521.D
Acq: 15 Oct 2021 12:16

Tgt Ion:252 Resp: 13151
Ion Ratio Lower Upper
252 100
253 32.9 23.6 35.4
125 24.2 17.1 25.7





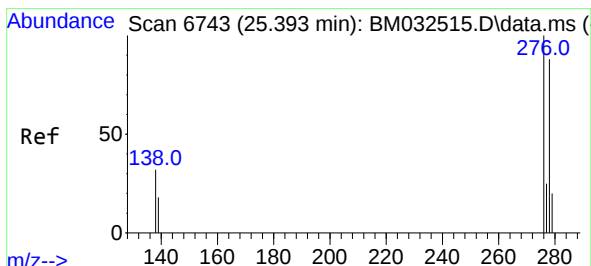
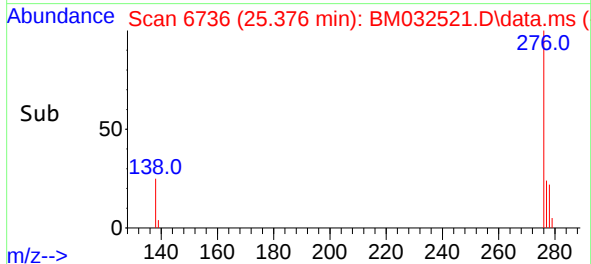
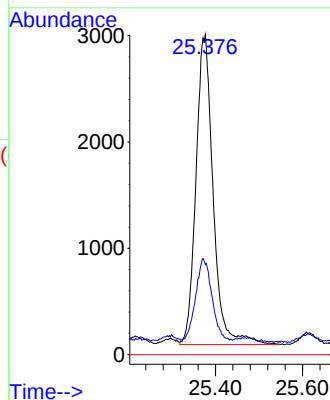
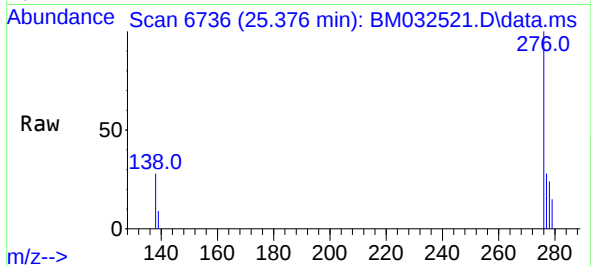
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.23 ng/ul
RT: 25.376 min Scan# 6736
Delta R.T. -0.010 min
Lab File: BM032521.D
Acq: 15 Oct 2021 12:16

Tgt Ion: 276 Resp: 7987
Ion Ratio Lower Upper
276 100
138 24.7 24.9 37.3#
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampleId :
C00U6

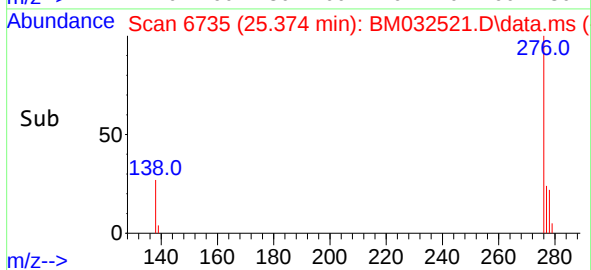
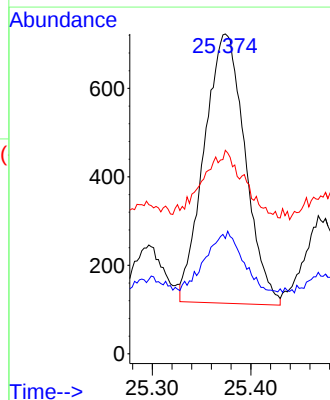
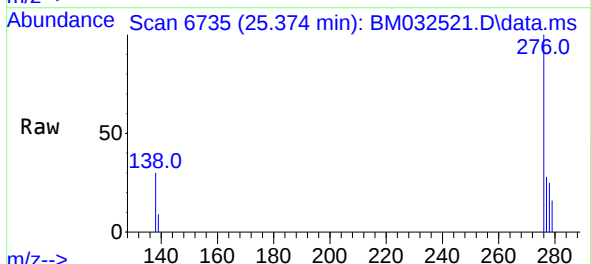
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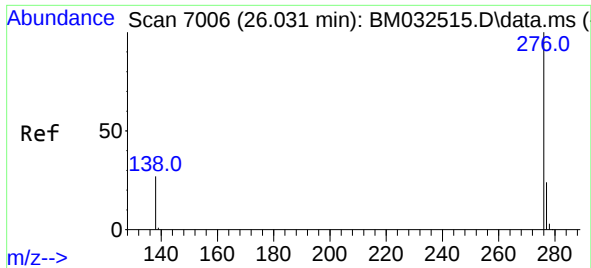
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#28
Dibenzo(a,h)anthracene
Concen: 0.06 ng/ul
RT: 25.374 min Scan# 6735
Delta R.T. -0.019 min
Lab File: BM032521.D
Acq: 15 Oct 2021 12:16

Tgt Ion: 278 Resp: 1757
Ion Ratio Lower Upper
278 100
139 36.1 18.6 28.0#
279 63.6 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.24 ng/u1
RT: 26.021 min Scan# 7002
Delta R.T. -0.010 min
Lab File: BM032521.D
Acq: 15 Oct 2021 12:16

Tgt Ion:	276	Resp:	7323
Ion Ratio	Lower	Upper	
276	100		
138	30.5	22.6	33.8
277	27.5	19.9	29.9

Instrument :
BNA_M
ClientSampleId :
C00U6

Manual Integrations
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