

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032519.D
 Acq On : 15 Oct 2021 11:03
 Operator : CG/JU
 Sample : M4030-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00U7

Manual Integrations
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Quant Time: Oct 15 12:50:06 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	4427	0.40	ng/ul	0.00
4) Naphthalene-d8	10.343	136	13920	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.217	164	7282	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.953	188	13936	0.40	ng/ul	0.00
17) Chrysene-d12	21.130	240	8882	0.40	ng/ul	0.00
23) Perylene-d12	23.271	264	6930	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.923	96	8117	1.64	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	1772	0.10	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	3331	0.12	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.393	128	1134	0.03	ng/ul#	81
7) 2-Methylnaphthalene	12.017	142	1103	0.04	ng/ul	98
8) 1-Methylnaphthalene	12.237	142	628	0.02	ng/ul	97
10) Acenaphthylene	13.933	152	887	0.03	ng/ul#	86
12) Fluorene	15.263	166	841	0.03	ng/ul#	92
15) Phenanthrene	16.991	178	26276	0.56	ng/ul	100
16) Anthracene	17.081	178	3226	0.08	ng/ul#	94
19) Fluoranthene	19.008	202	81953	1.86	ng/ul	99
20) Pyrene	19.370	202	69157	1.53	ng/ul	99
21) Benzo(a)anthracene	21.113	228	23293	0.67	ng/ul	99
22) Chrysene	21.167	228	32844	0.86	ng/ul	98
24) Benzo(b)fluoranthene	22.636	252	36655m	1.14	ng/ul	
25) Benzo(k)fluoranthene	22.672	252	11993m	0.38	ng/ul	
26) Benzo(a)pyrene	23.176	252	20511	0.76	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.374	276	14873	0.45	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.374	278	3349	0.13	ng/ul#	72
29) Benzo(g,h,i)perylene	26.018	276	13752	0.48	ng/ul	99

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

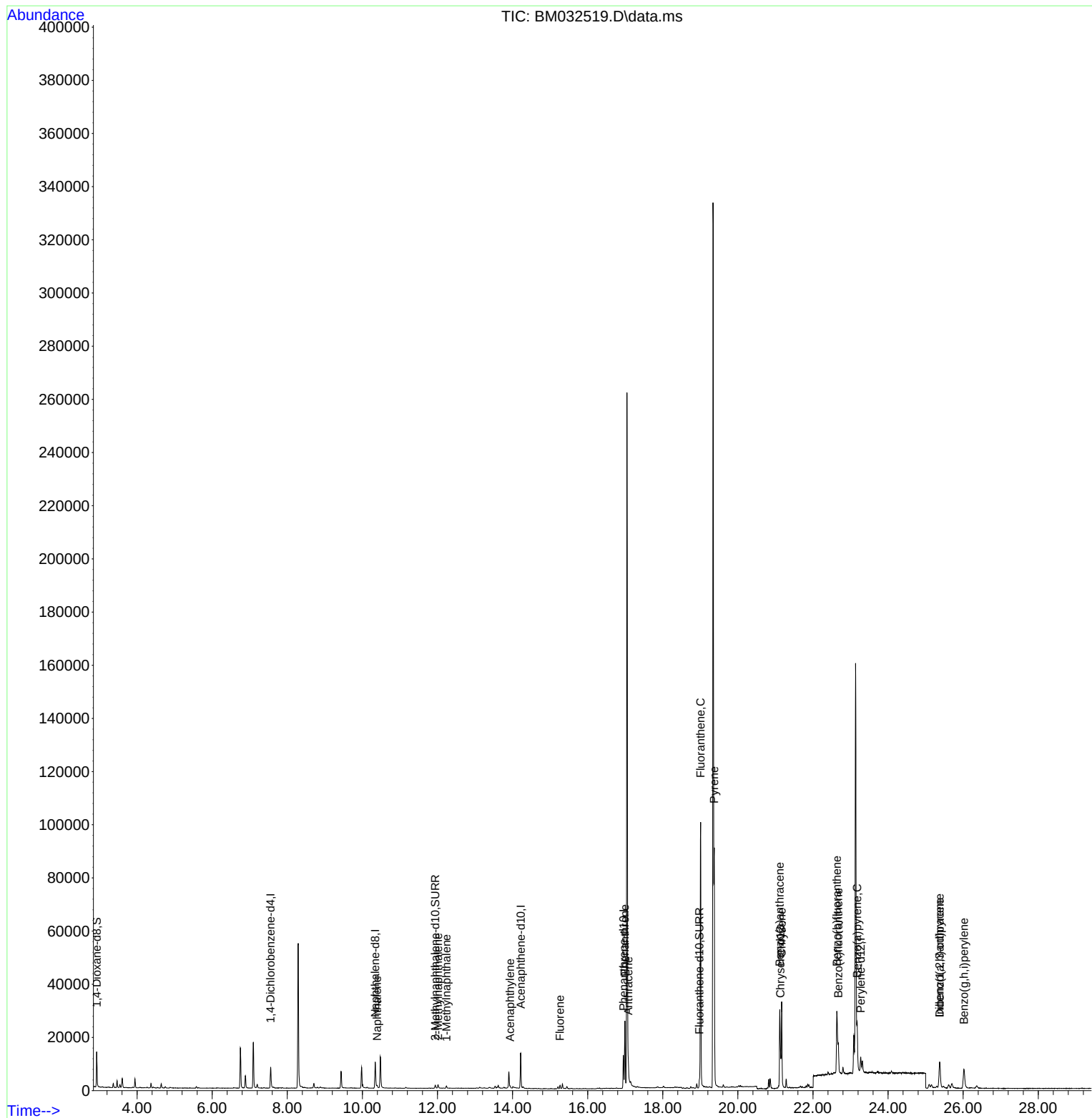
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
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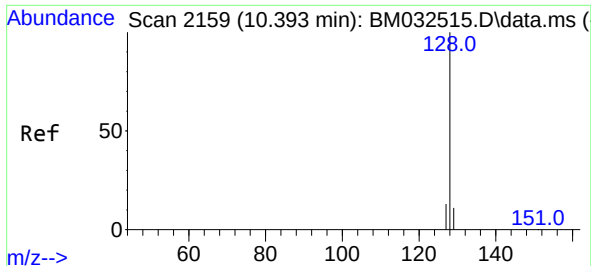
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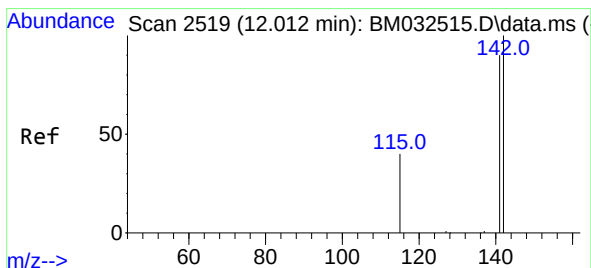
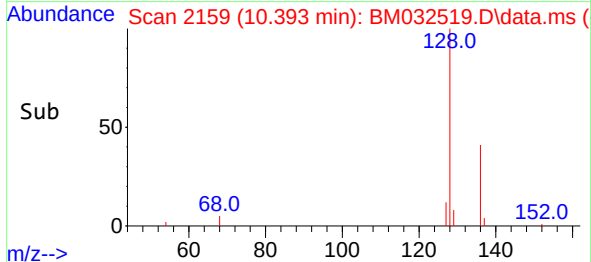
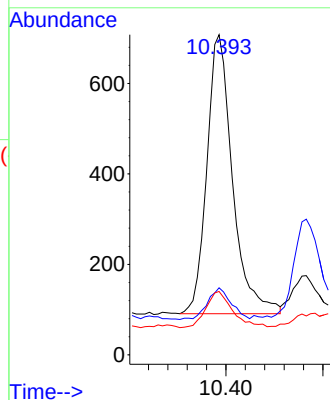
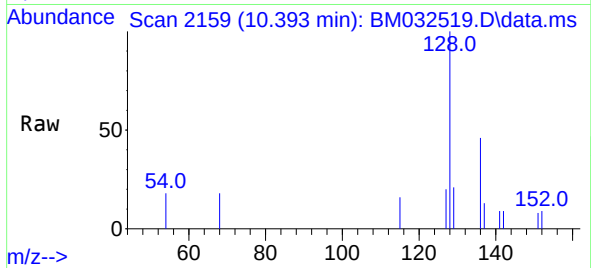
#5
Naphthalene
Concen: 0.03 ng/ul
RT: 10.393 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BM032519.D
Acq: 15 Oct 2021 11:03

Tgt Ion:128 Resp: 1134
Ion Ratio Lower Upper
128 100
129 20.9 9.1 13.7#
127 19.8 11.1 16.7#

Instrument :
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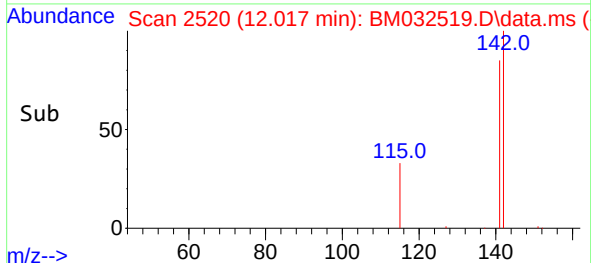
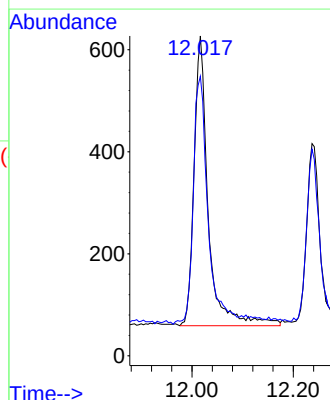
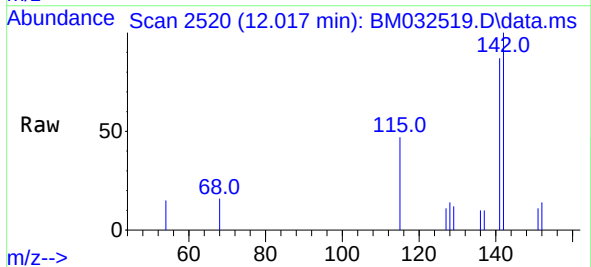
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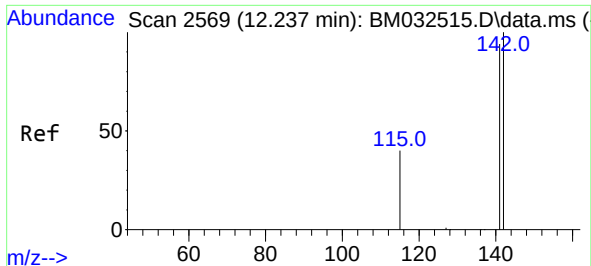
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#7
2-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.017 min Scan# 2520
Delta R.T. 0.004 min
Lab File: BM032519.D
Acq: 15 Oct 2021 11:03

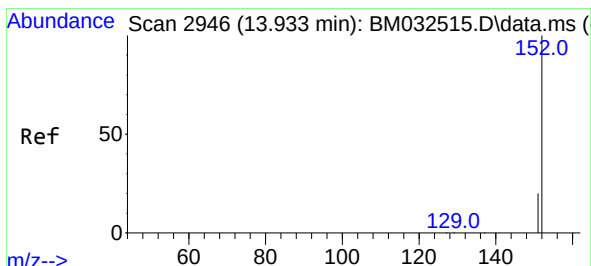
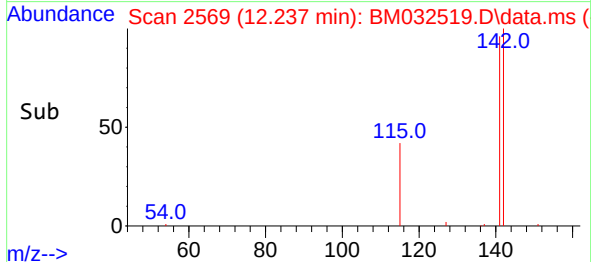
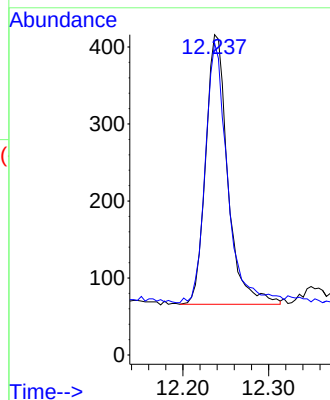
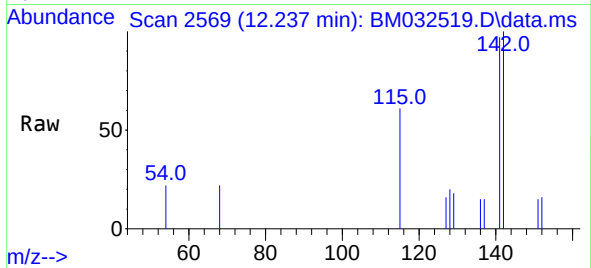
Tgt Ion:142 Resp: 1103
Ion Ratio Lower Upper
142 100
141 91.7 72.2 108.2





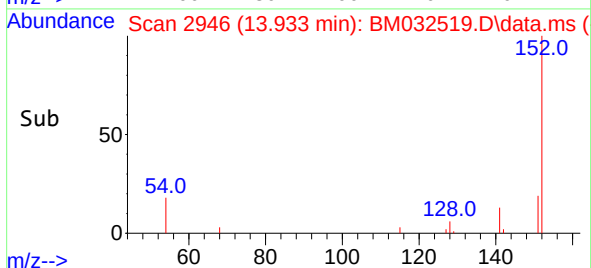
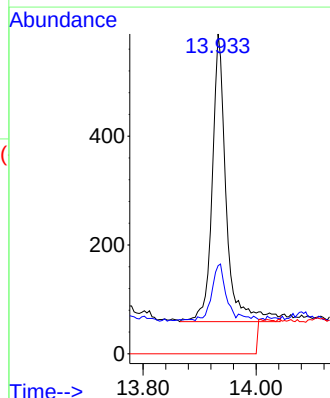
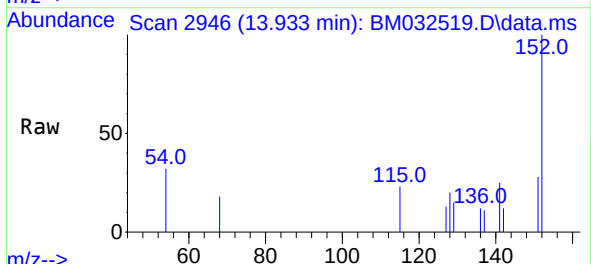
#8
1-Methylnaphthalene
Concen: 0.02 ng/ul
RT: 12.237 min Scan# 2569
Delta R.T. -0.000 min
Lab File: BM032519.D
Acq: 15 Oct 2021 11:03

Tgt Ion:142 Resp: 628
Ion Ratio Lower Upper
142 100
141 96.7 74.9 112.3



#10
Acenaphthylene
Concen: 0.03 ng/ul
RT: 13.933 min Scan# 2946
Delta R.T. -0.000 min
Lab File: BM032519.D
Acq: 15 Oct 2021 11:03

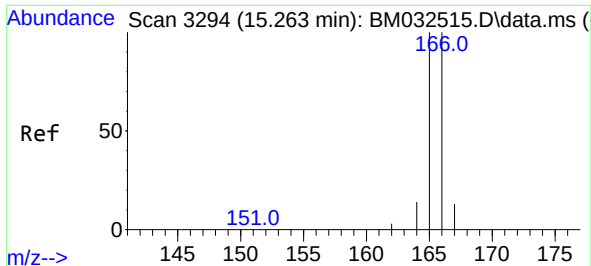
Tgt Ion:152 Resp: 887
Ion Ratio Lower Upper
152 100
151 27.6 16.7 25.1#
153 0.0 0.0 0.0



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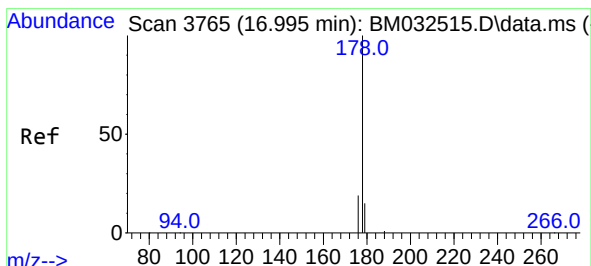
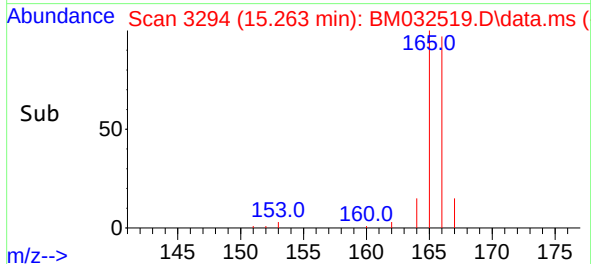
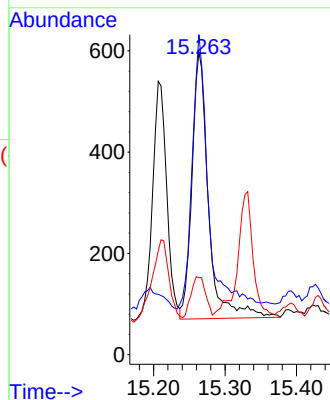
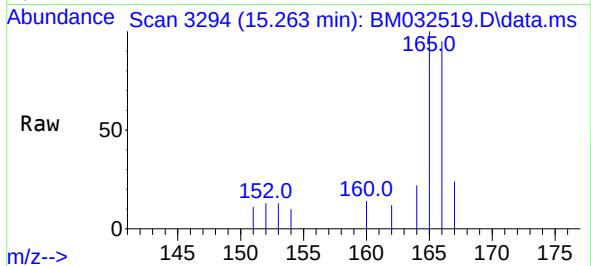
#12
Fluorene
Concen: 0.03 ng/u1
RT: 15.263 min Scan# 3294
Delta R.T. -0.000 min
Lab File: BM032519.D
Acq: 15 Oct 2021 11:03

Tgt Ion:166 Resp: 841
Ion Ratio Lower Upper
166 100
165 105.7 80.7 121.1
167 25.4 11.2 16.8#

Instrument :
BNA_M
ClientSampleId :
C00U7

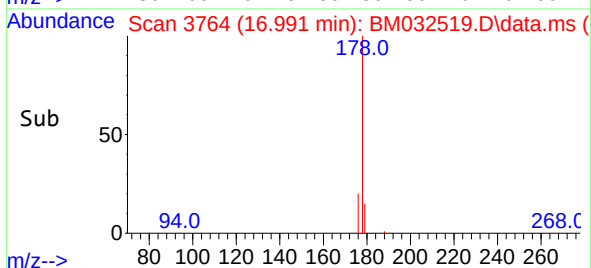
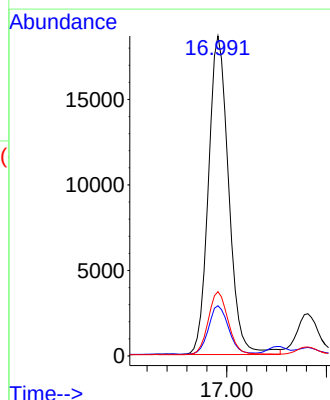
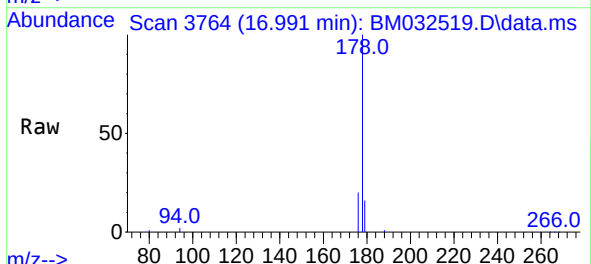
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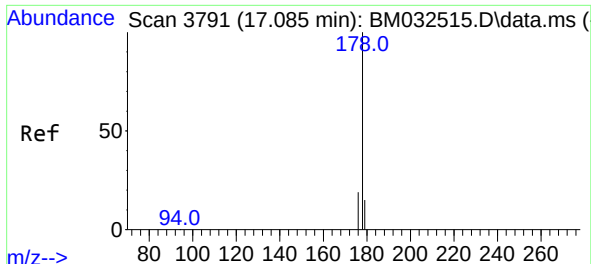
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#15
Phenanthrene
Concen: 0.56 ng/u1
RT: 16.991 min Scan# 3764
Delta R.T. -0.003 min
Lab File: BM032519.D
Acq: 15 Oct 2021 11:03

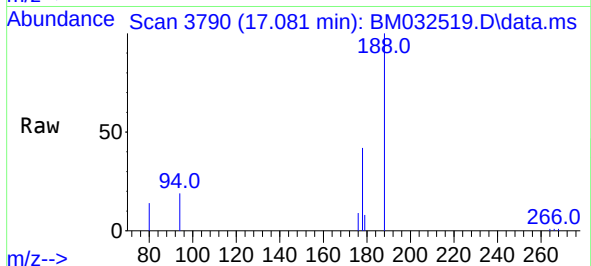
Tgt Ion:178 Resp: 26276
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 20.1 16.1 24.1





#16
 Anthracene
 Concen: 0.08 ng/ul
 RT: 17.081 min Scan# 3790
 Delta R.T. -0.003 min
 Lab File: BM032519.D
 Acq: 15 Oct 2021 11:03

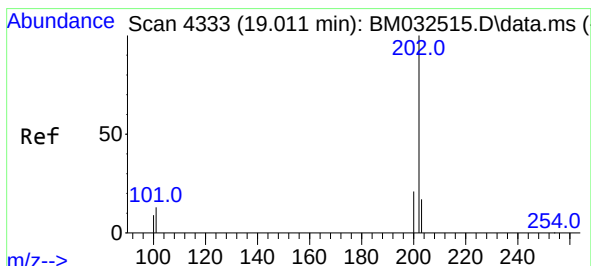
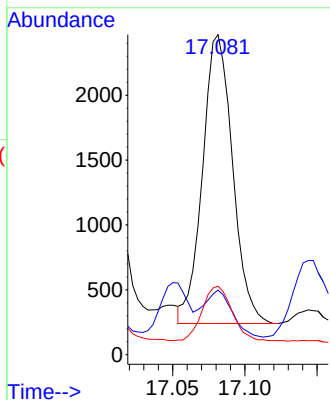
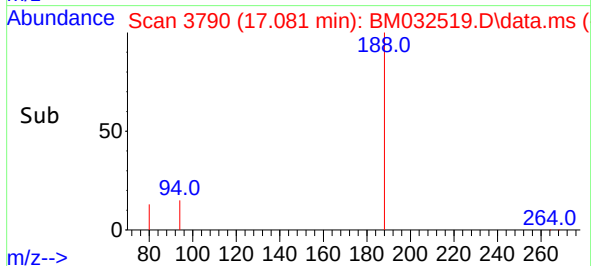
Instrument :
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 ClientSampleId :
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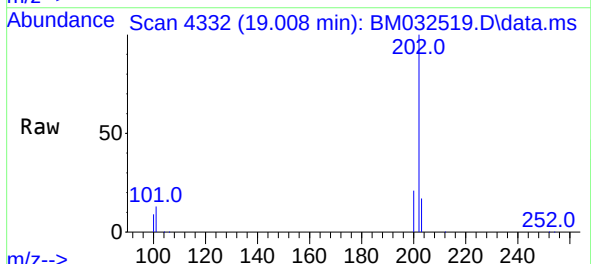
Tgt Ion:	178	Resp:	3226
Ion	Ratio	Lower	Upper
178	100		
179	20.2	12.9	19.3#
176	21.4	15.8	23.6

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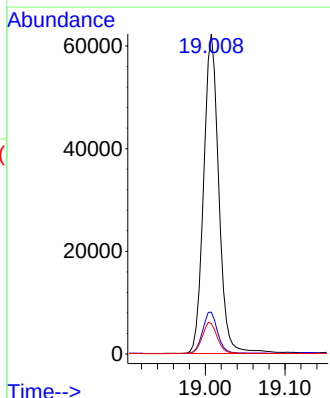
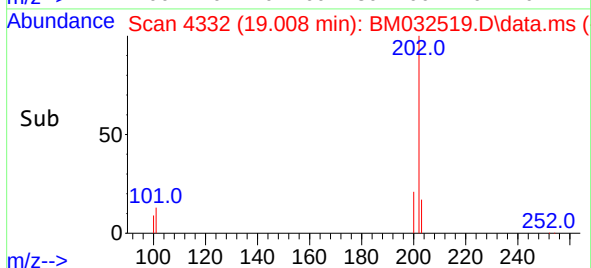
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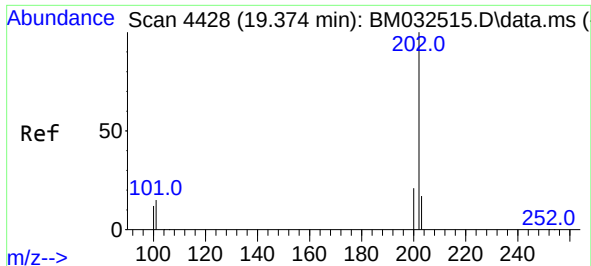


#19
 Fluoranthene
 Concen: 1.86 ng/ul
 RT: 19.008 min Scan# 4332
 Delta R.T. -0.004 min
 Lab File: BM032519.D
 Acq: 15 Oct 2021 11:03



Tgt Ion:	202	Resp:	81953
Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.6	16.0
100	9.5	7.8	11.8





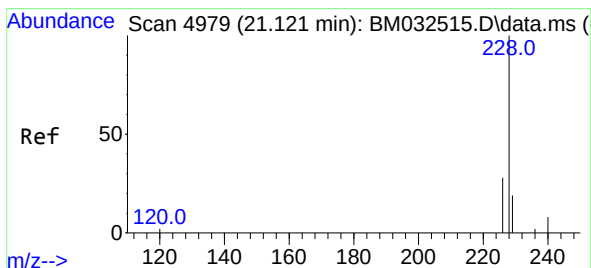
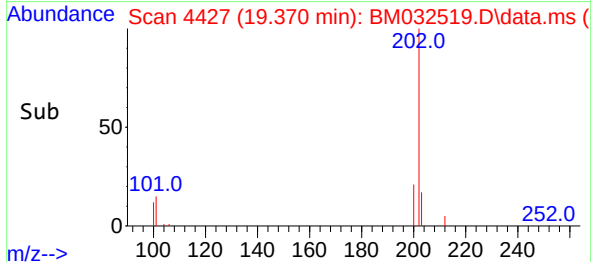
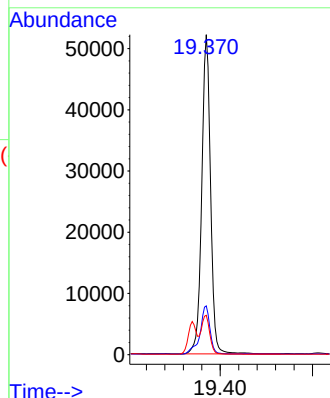
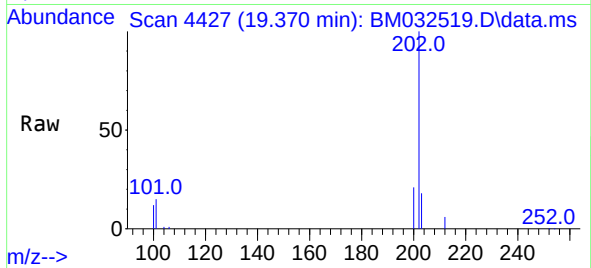
#20
Pyrene
Concen: 1.53 ng/ul
RT: 19.370 min Scan# 4427
Delta R.T. -0.004 min
Lab File: BM032519.D
Acq: 15 Oct 2021 11:03

Tgt Ion:	202	Resp:	69157
Ion Ratio	Lower	Upper	
202	100		
101	15.3	12.3	18.5
100	12.3	10.1	15.1

Instrument :
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ClientSampleId :
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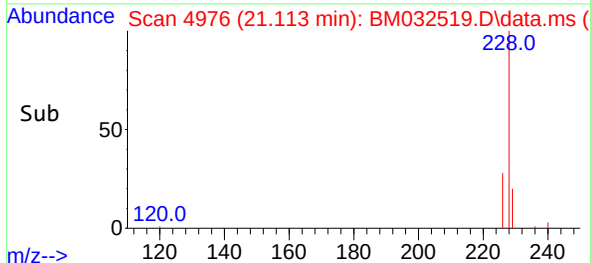
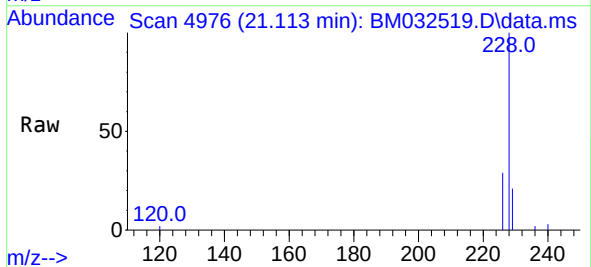
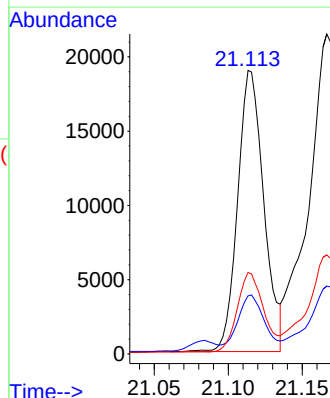
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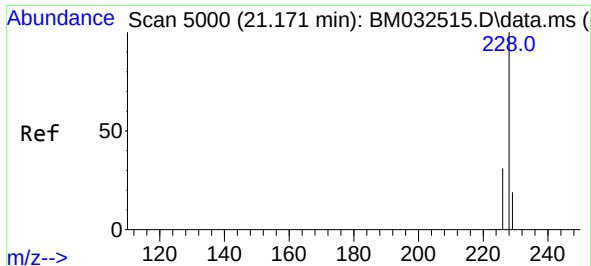
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#21
Benzo(a)anthracene
Concen: 0.67 ng/ul
RT: 21.113 min Scan# 4976
Delta R.T. -0.007 min
Lab File: BM032519.D
Acq: 15 Oct 2021 11:03

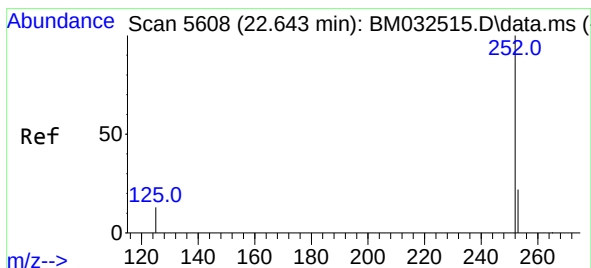
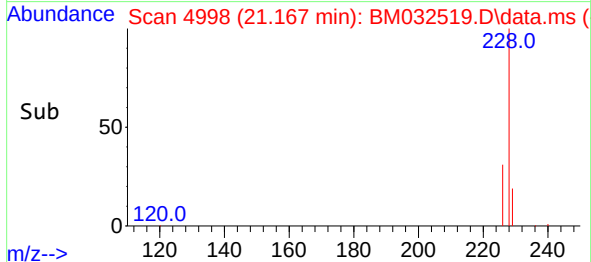
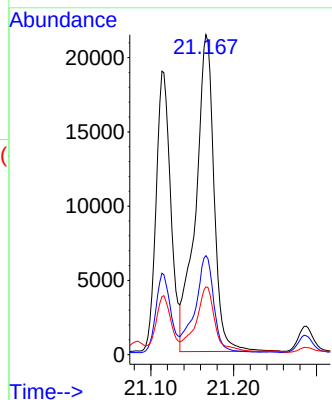
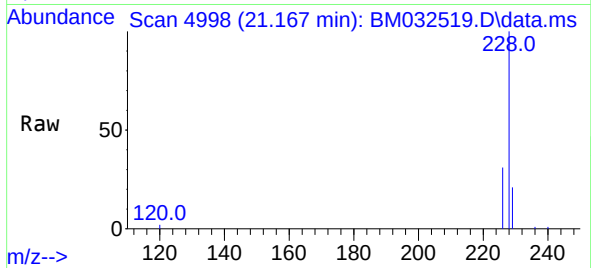
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Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.9	23.9
226	28.7	22.4	33.6





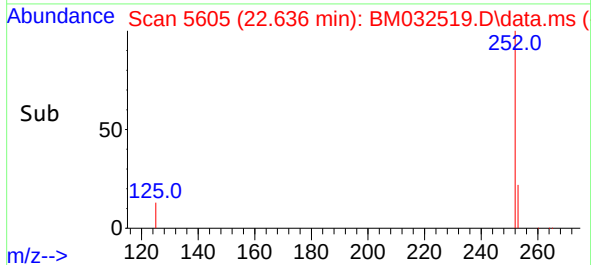
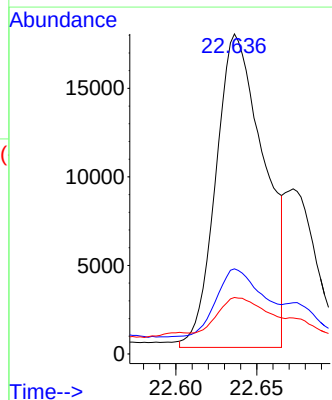
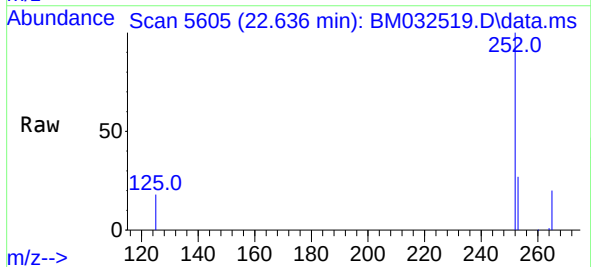
#22
Chrysene
Concen: 0.86 ng/ul
RT: 21.167 min Scan# 4998
Delta R.T. -0.005 min
Lab File: BM032519.D
Acq: 15 Oct 2021 11:03

Tgt Ion:	228	Resp:	32844
Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.1	37.7
229	21.2	15.7	23.5



#24
Benzo(b)fluoranthene
Concen: 1.14 ng/ul m
RT: 22.636 min Scan# 5605
Delta R.T. -0.007 min
Lab File: BM032519.D
Acq: 15 Oct 2021 11:03

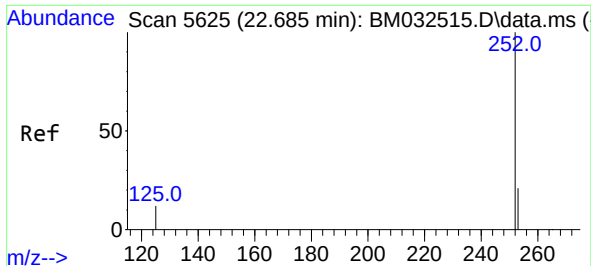
Tgt Ion:	252	Resp:	36655
Ion	Ratio	Lower	Upper
252	100		
253	26.6	0.0	53.8
125	17.7	0.0	35.6



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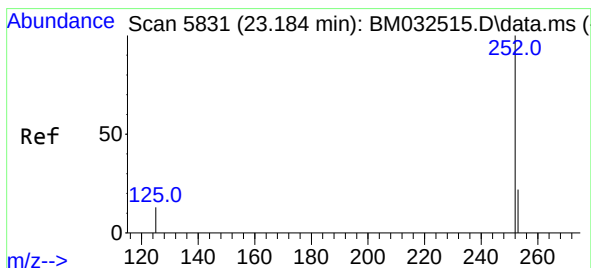
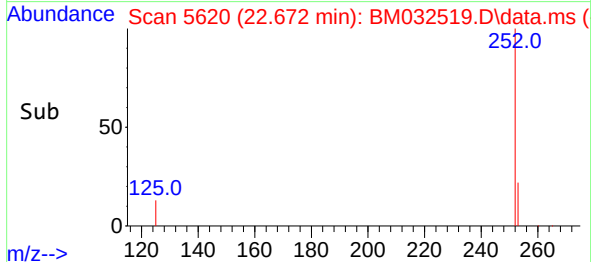
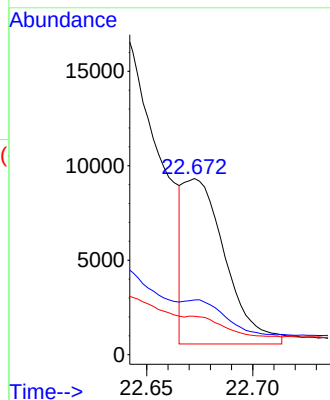
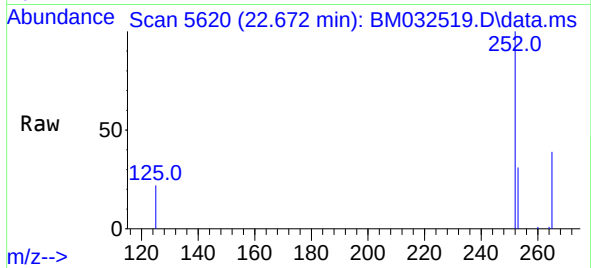
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Benzo(k)fluoranthene
Concen: 0.38 ng/ul m
RT: 22.672 min Scan# 5620
Delta R.T. -0.012 min
Lab File: BM032519.D
Acq: 15 Oct 2021 11:03

Tgt Ion:252	Resp:	11993
Ion Ratio	Lower	Upper
252	100	
253	31.1	21.8 32.6
125	21.8	14.4 21.6#

Instrument :
BNA_M
ClientSampled :
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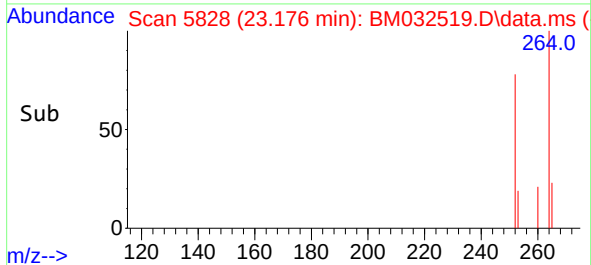
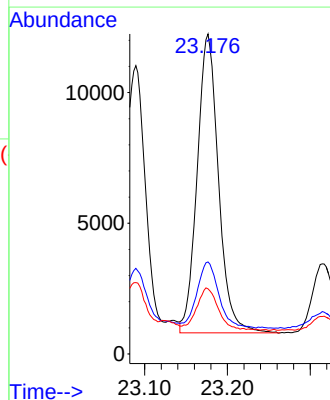
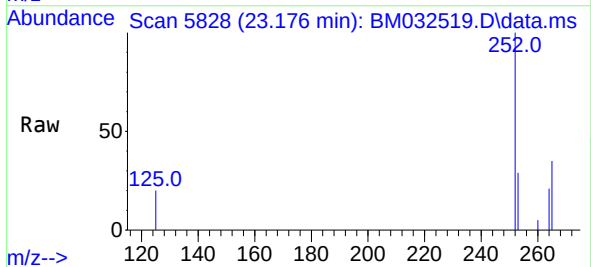
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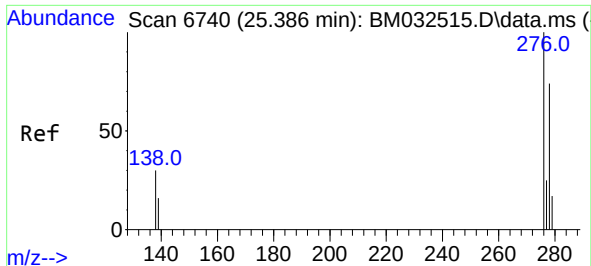
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#26
Benzo(a)pyrene
Concen: 0.76 ng/ul
RT: 23.176 min Scan# 5828
Delta R.T. -0.007 min
Lab File: BM032519.D
Acq: 15 Oct 2021 11:03

Tgt Ion:252	Resp:	20511
Ion Ratio	Lower	Upper
252	100	
253	28.7	23.6 35.4
125	20.4	17.1 25.7





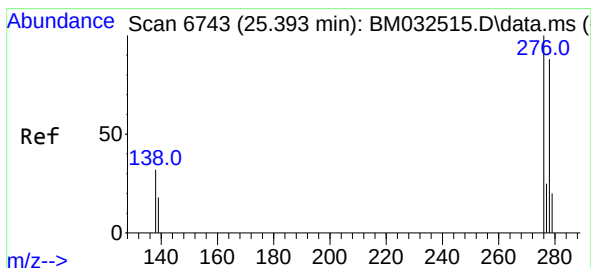
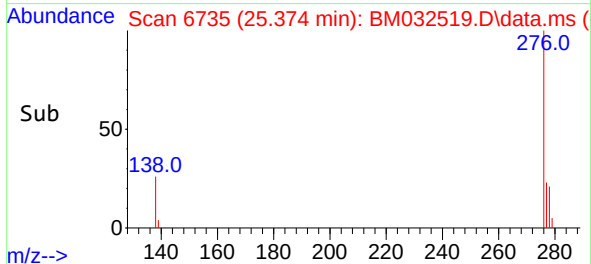
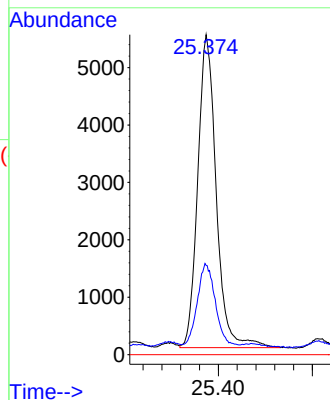
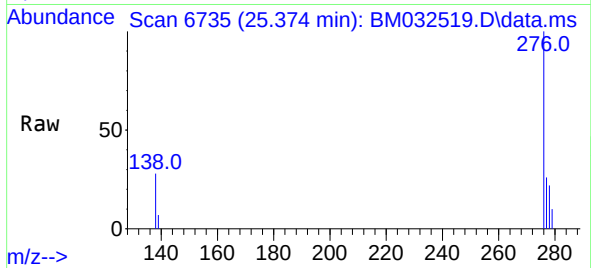
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.45 ng/ul
RT: 25.374 min Scan# 6735
Delta R.T. -0.012 min
Lab File: BM032519.D
Acq: 15 Oct 2021 11:03

Tgt Ion: 276 Resp: 14873
Ion Ratio Lower Upper
276 100
138 27.5 24.9 37.3
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampleId :
C00U7

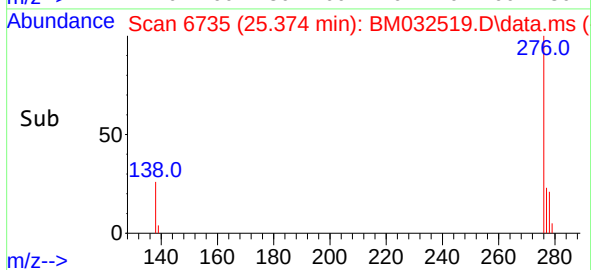
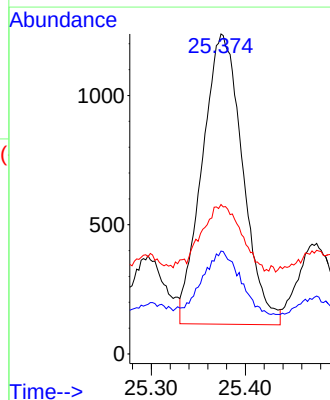
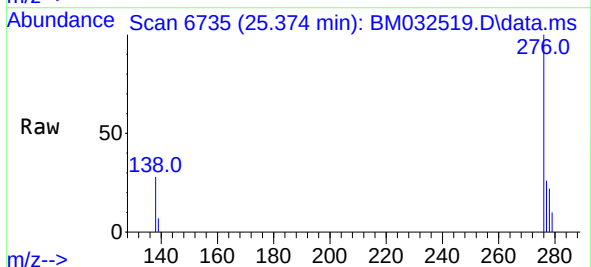
Manual Integrations
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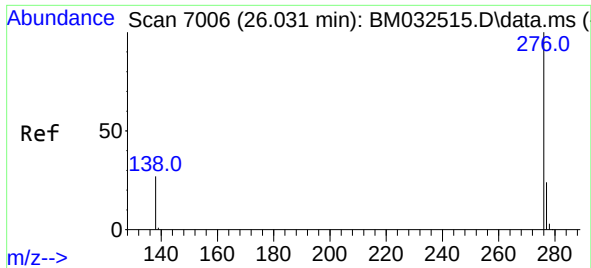
mohammad
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#28
Dibenzo(a,h)anthracene
Concen: 0.13 ng/ul
RT: 25.374 min Scan# 6735
Delta R.T. -0.019 min
Lab File: BM032519.D
Acq: 15 Oct 2021 11:03

Tgt Ion: 278 Resp: 3349
Ion Ratio Lower Upper
278 100
139 32.1 18.6 28.0#
279 46.7 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.48 ng/ul
RT: 26.018 min Scan# 7001
Delta R.T. -0.012 min
Lab File: BM032519.D
Acq: 15 Oct 2021 11:03

Tgt Ion:	276	Resp:	13752
Ion Ratio	Lower	Upper	
276	100		
138	29.4	22.6	33.8
277	25.1	19.9	29.9

Instrument :
BNA_M
ClientSampleId :
C00U7

Manual Integrations
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