

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100821\
 Data File : BM032359.D
 Acq On : 07 Oct 2021 16:41
 Operator : CG/JU
 Sample : M3879-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW405

Manual Integrations
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Quant Time: Oct 07 17:11:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 07 15:38:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.626	152	6068	0.40	ng/ul	0.00
4) Naphthalene-d8	10.411	136	20973	0.40	ng/ul #	0.00
9) Acenaphthene-d10	14.270	164	11689	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.995	188	24645	0.40	ng/ul	0.00
17) Chrysene-d12	21.159	240	19794	0.40	ng/ul	0.00
23) Perylene-d12	23.302	264	18442	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.965	96	15718	2.41	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.003	152	6527	0.23	ng/ul	0.00
18) Fluoranthene-d10	19.015	212	15563	0.29	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.460	128	2449	0.04	ng/ul#	87
7) 2-Methylnaphthalene	12.080	142	1555	0.04	ng/ul	96
8) 1-Methylnaphthalene	12.300	142	1234	0.03	ng/ul	99
10) Acenaphthylene	13.991	152	1654	0.04	ng/ul#	73
11) Acenaphthene	14.331	153	924	0.02	ng/ul	96
12) Fluorene	15.313	166	983	0.02	ng/ul#	89
15) Phenanthrene	17.036	178	32131	0.40	ng/ul	100
16) Anthracene	17.126	178	3860	0.06	ng/ul#	91
19) Fluoranthene	19.046	202	108263	1.31	ng/ul	99
20) Pyrene	19.408	202	93893	1.13	ng/ul	99
21) Benzo(a)anthracene	21.142	228	36119	0.52	ng/ul	97
22) Chrysene	21.193	228	57629	0.70	ng/ul	98
24) Benzo(b)fluoranthene	22.665	252	75385m	0.79	ng/ul	
25) Benzo(k)fluoranthene	22.702	252	27642m	0.30	ng/ul	
26) Benzo(a)pyrene	23.208	252	42934	0.60	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.418	276	35360	0.38	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.418	278	7925	0.11	ng/ul#	74
29) Benzo(g,h,i)perylene	26.072	276	31830	0.37	ng/ul	96

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

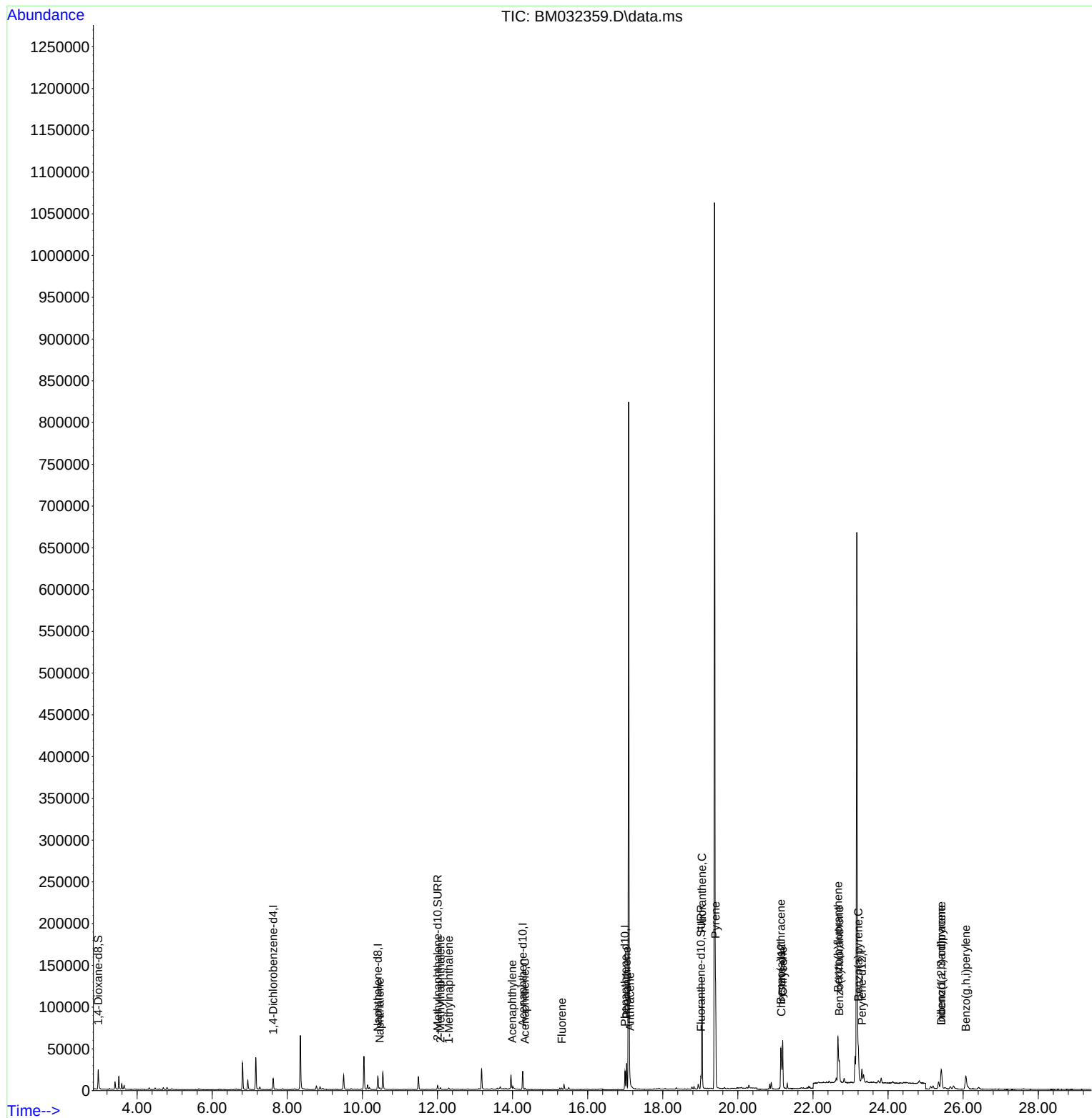
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Data File : BM032359.D
Acq On : 07 Oct 2021 16:41
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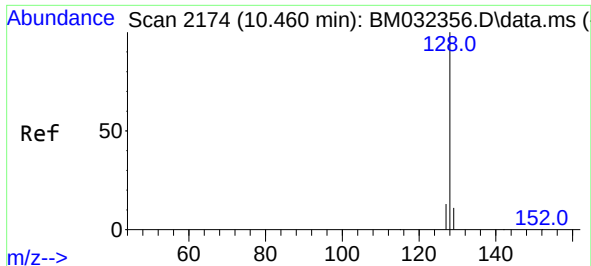
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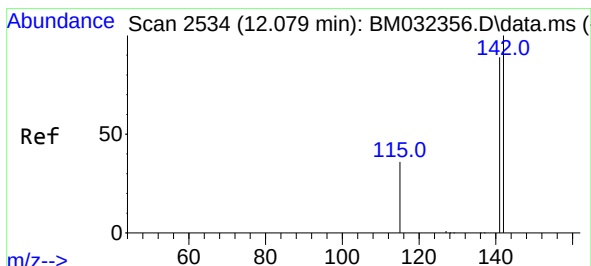
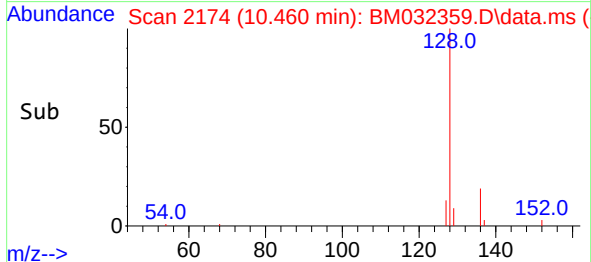
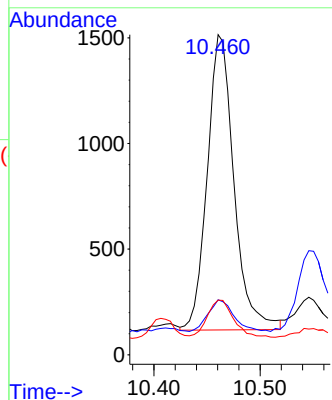
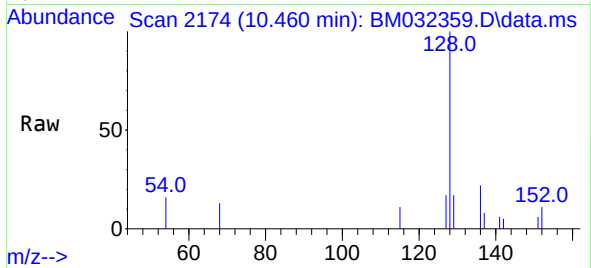
#5
Naphthalene
Concen: 0.04 ng/ul
RT: 10.460 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BM032359.D
Acq: 07 Oct 2021 16:41

Tgt Ion:128 Resp: 2449
Ion Ratio Lower Upper
128 100
129 17.2 9.0 13.4#
127 17.1 10.5 15.7#

Instrument :
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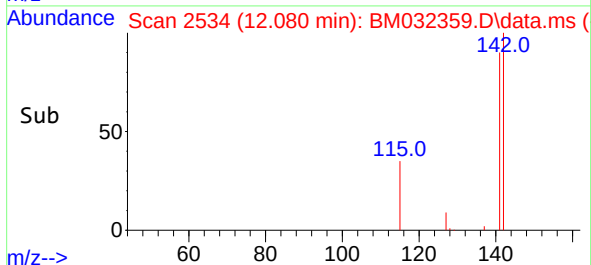
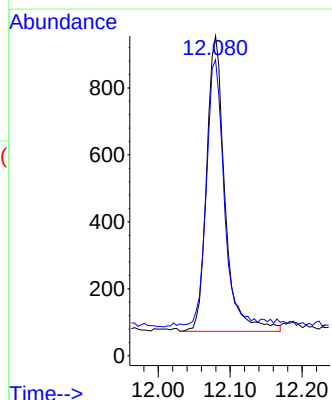
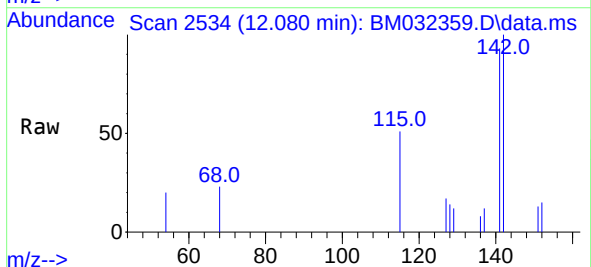
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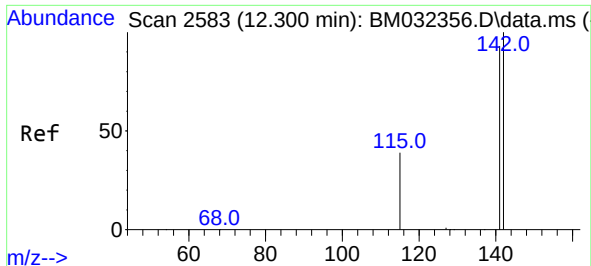
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#7
2-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.080 min Scan# 2534
Delta R.T. 0.000 min
Lab File: BM032359.D
Acq: 07 Oct 2021 16:41

Tgt Ion:142 Resp: 1555
Ion Ratio Lower Upper
142 100
141 85.5 71.2 106.8





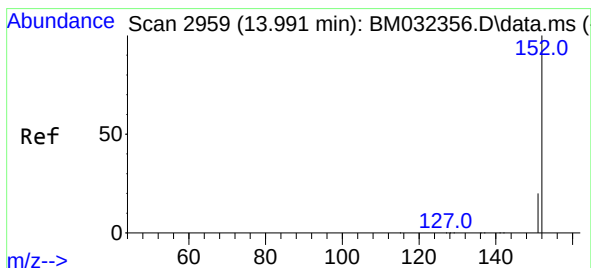
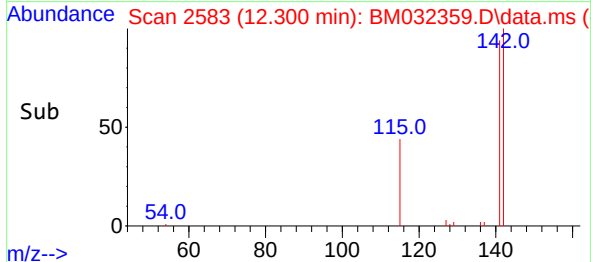
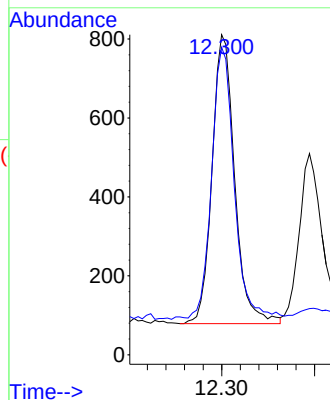
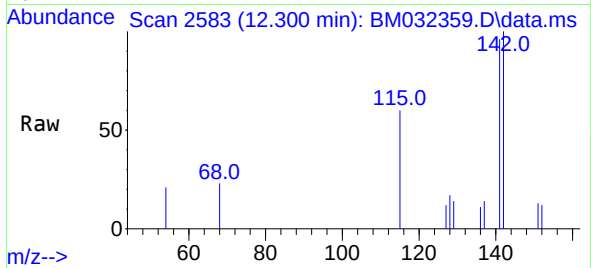
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1-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.300 min Scan# 2583
Delta R.T. 0.000 min
Lab File: BM032359.D
Acq: 07 Oct 2021 16:41

Tgt Ion:142 Resp: 1234
Ion Ratio Lower Upper
142 100
141 93.4 73.8 110.6

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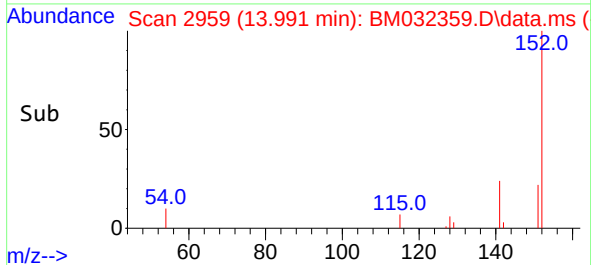
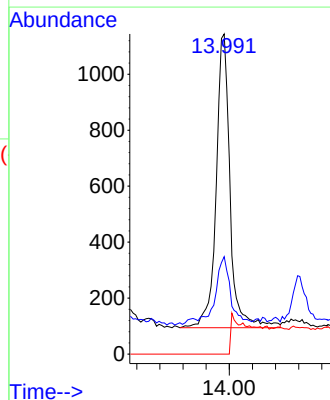
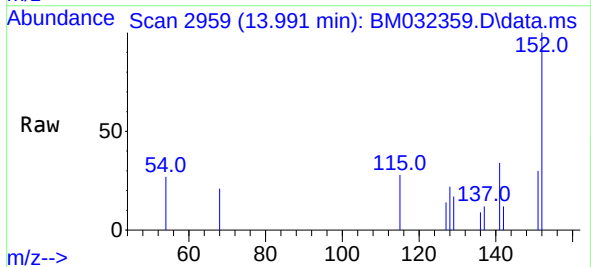
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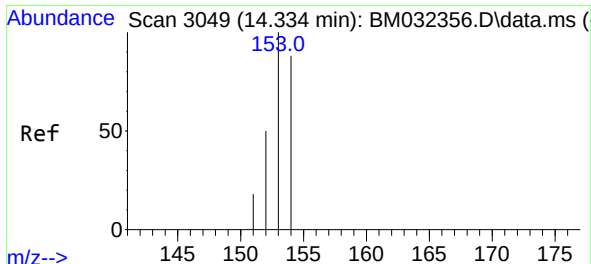
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#10
Acenaphthylene
Concen: 0.04 ng/ul
RT: 13.991 min Scan# 2959
Delta R.T. 0.000 min
Lab File: BM032359.D
Acq: 07 Oct 2021 16:41

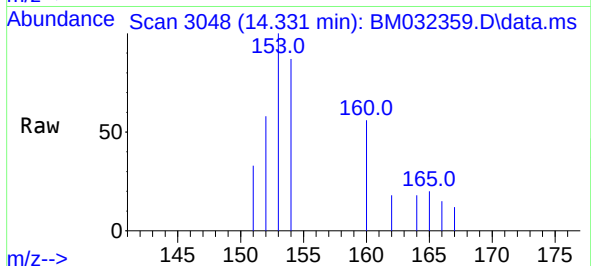
Tgt Ion:152 Resp: 1654
Ion Ratio Lower Upper
152 100
151 30.4 16.0 24.0#
153 0.0 10.7 16.1#





#11
Acenaphthene
Concen: 0.02 ng/ul
RT: 14.331 min Scan# 3048
Delta R.T. -0.004 min
Lab File: BM032359.D
Acq: 07 Oct 2021 16:41

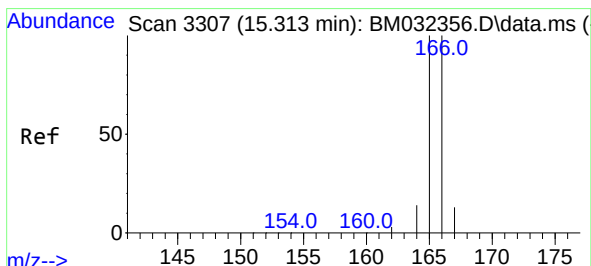
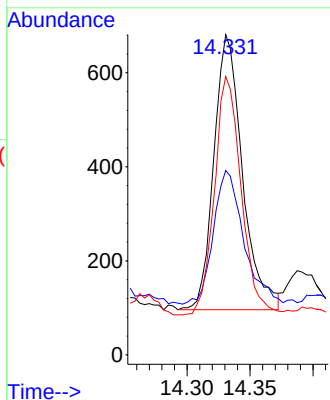
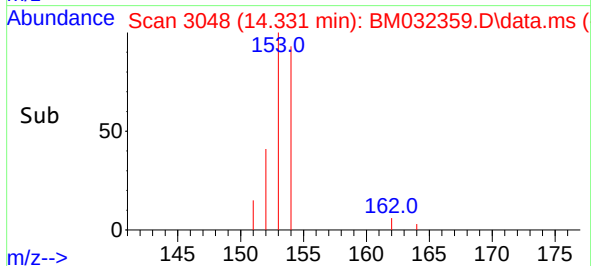
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ClientSampleId :
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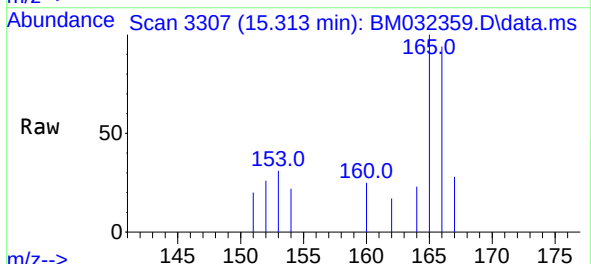
Tgt Ion:153 Resp: 924
Ion Ratio Lower Upper
153 100
152 57.6 41.6 62.4
154 86.9 71.2 106.8

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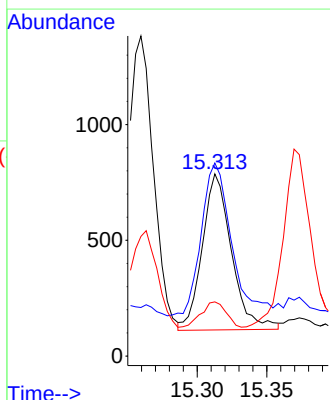
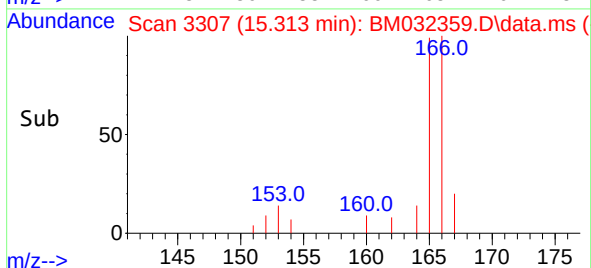
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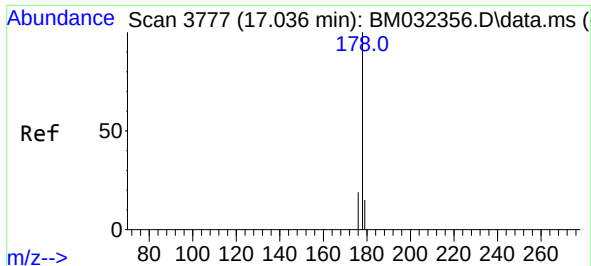


#12
Fluorene
Concen: 0.02 ng/ul
RT: 15.313 min Scan# 3307
Delta R.T. 0.000 min
Lab File: BM032359.D
Acq: 07 Oct 2021 16:41



Tgt Ion:166 Resp: 983
Ion Ratio Lower Upper
166 100
165 106.0 79.4 119.2
167 29.7 10.8 16.2#





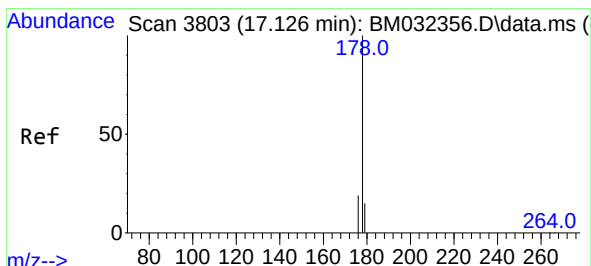
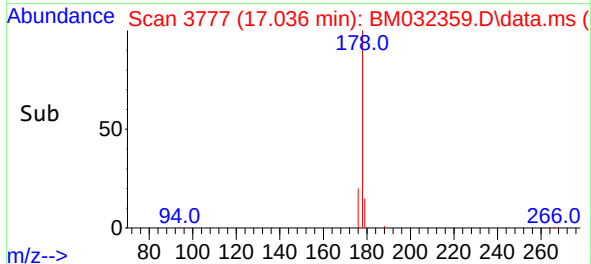
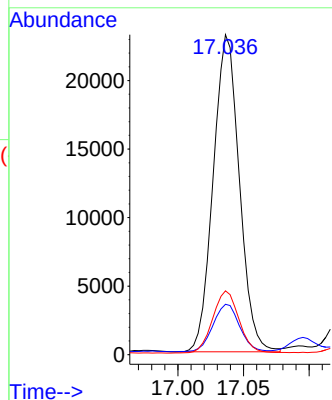
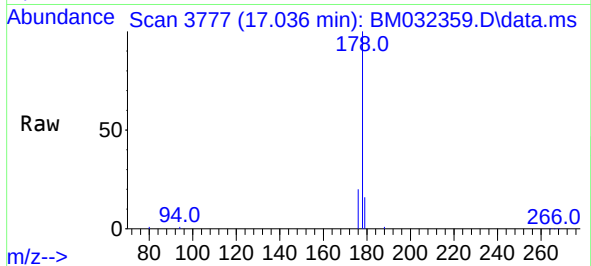
#15
Phenanthrene
Concen: 0.40 ng/ul
RT: 17.036 min Scan# 3777
Delta R.T. 0.000 min
Lab File: BM032359.D
Acq: 07 Oct 2021 16:41

Tgt Ion:	178	Resp:	32131
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.6	18.8
176	19.9	15.8	23.6

Instrument :
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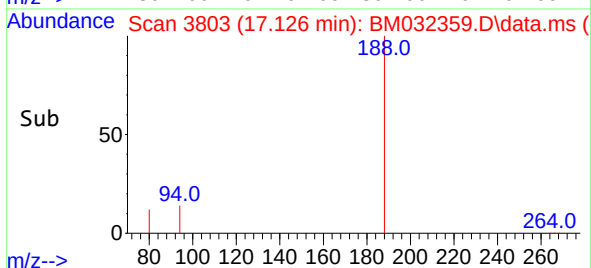
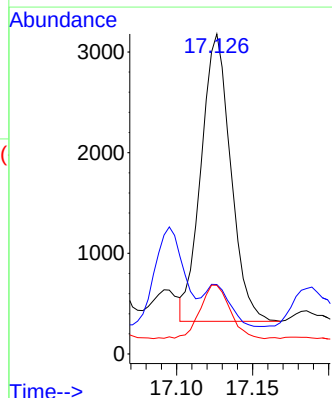
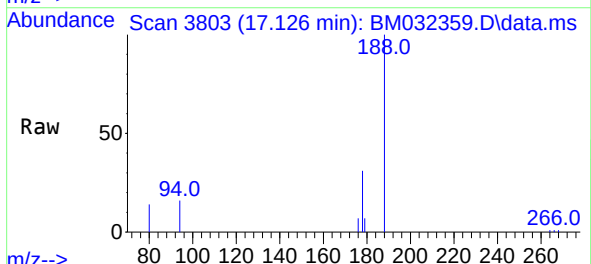
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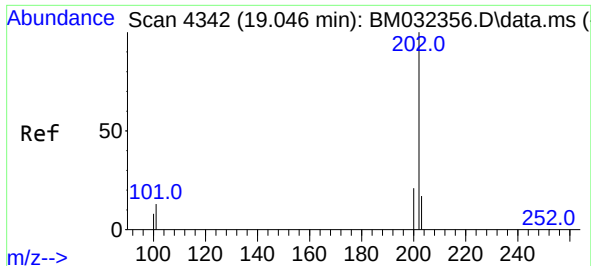
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#16
Anthracene
Concen: 0.06 ng/ul
RT: 17.126 min Scan# 3803
Delta R.T. 0.000 min
Lab File: BM032359.D
Acq: 07 Oct 2021 16:41

Tgt Ion:	178	Resp:	3860
Ion Ratio	Lower	Upper	
178	100		
179	21.7	12.7	19.1#
176	21.5	15.3	22.9





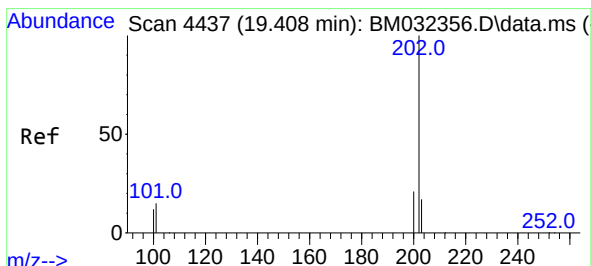
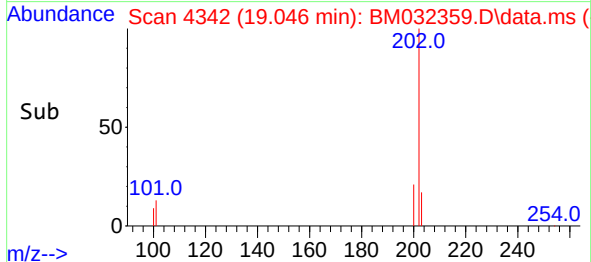
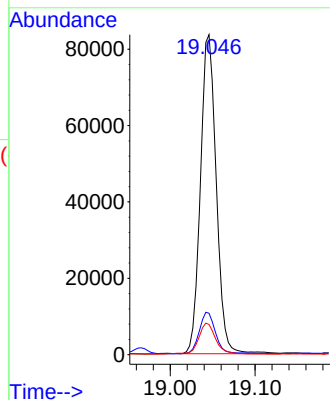
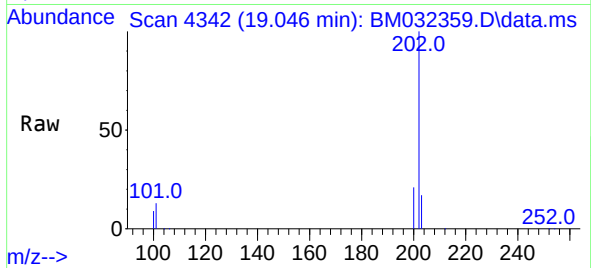
#19
Fluoranthene
Concen: 1.31 ng/ul
RT: 19.046 min Scan# 4342
Delta R.T. 0.000 min
Lab File: BM032359.D
Acq: 07 Oct 2021 16:41

Tgt Ion:202 Resp: 108263
Ion Ratio Lower Upper
202 100
101 12.9 9.8 14.8
100 9.5 7.2 10.8

Instrument :
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ClientSampled :
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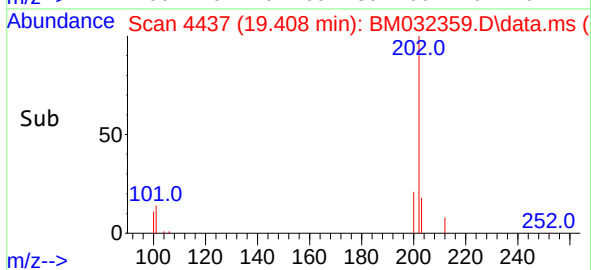
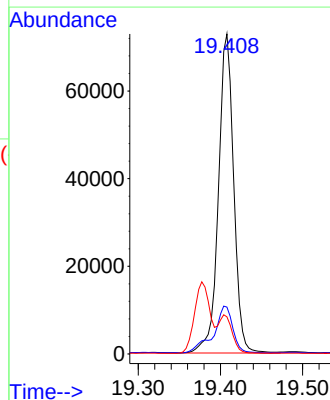
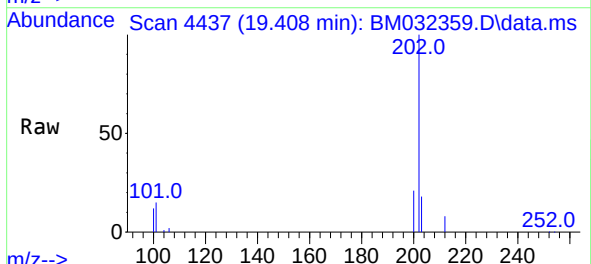
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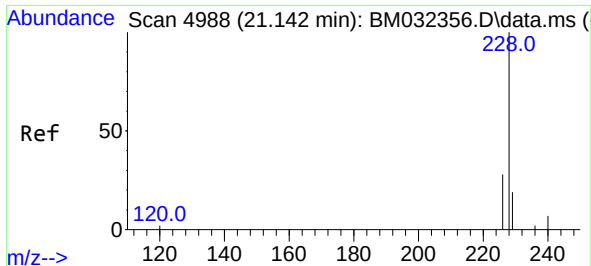
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#20
Pyrene
Concen: 1.13 ng/ul
RT: 19.408 min Scan# 4437
Delta R.T. 0.000 min
Lab File: BM032359.D
Acq: 07 Oct 2021 16:41

Tgt Ion:202 Resp: 93893
Ion Ratio Lower Upper
202 100
101 14.7 12.1 18.1
100 11.6 9.8 14.6





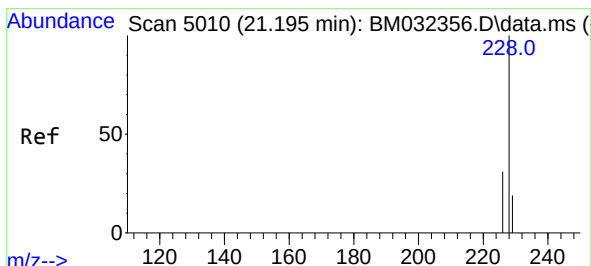
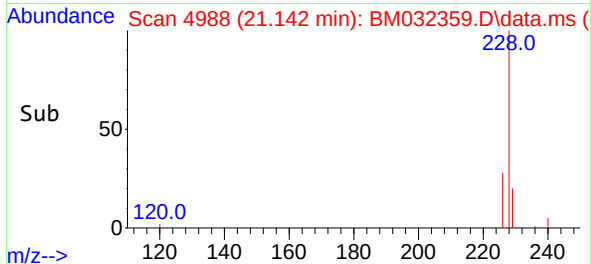
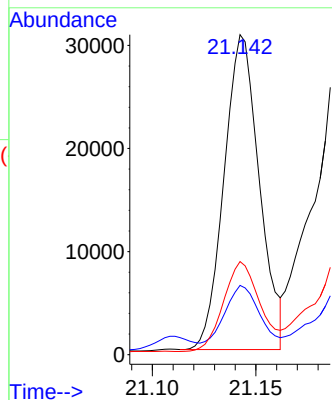
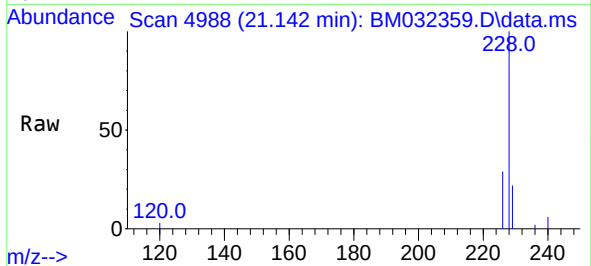
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Benzo(a)anthracene
Concen: 0.52 ng/ul
RT: 21.142 min Scan# 4988
Delta R.T. 0.000 min
Lab File: BM032359.D
Acq: 07 Oct 2021 16:41

Tgt Ion:	228	Resp:	36119
Ion Ratio	Lower	Upper	
228	100		
229	21.7	16.0	24.0
226	29.1	22.3	33.5

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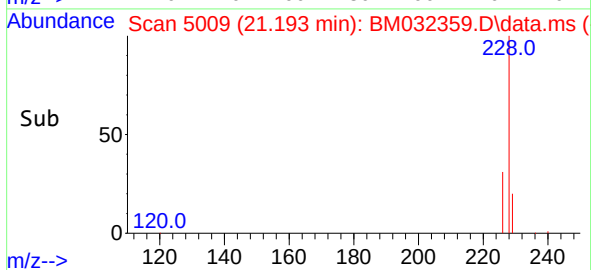
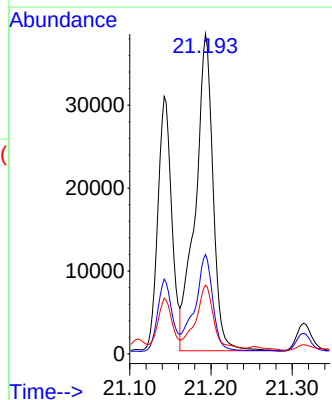
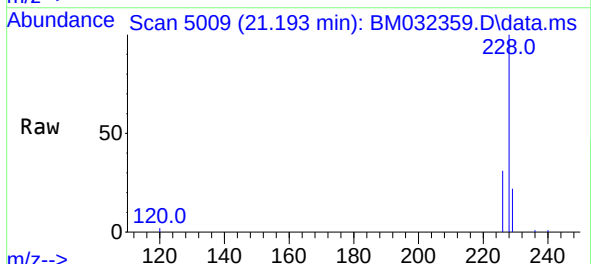
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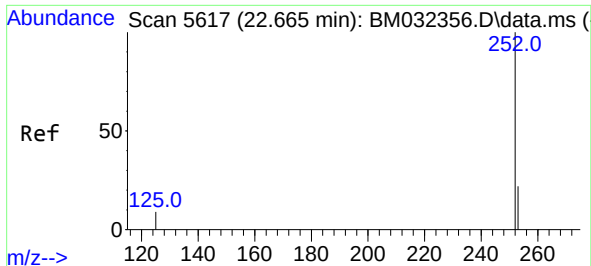
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#22
Chrysene
Concen: 0.70 ng/ul
RT: 21.193 min Scan# 5009
Delta R.T. -0.002 min
Lab File: BM032359.D
Acq: 07 Oct 2021 16:41

Tgt Ion:	228	Resp:	57629
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.6	37.0
229	21.6	15.6	23.4





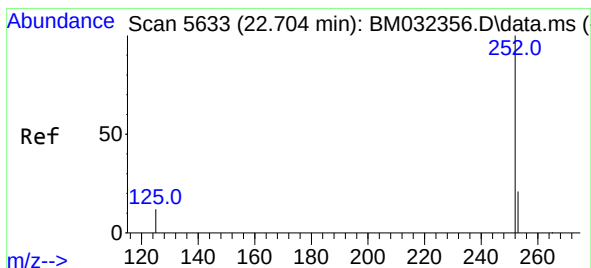
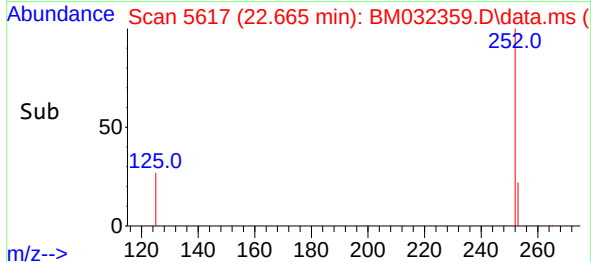
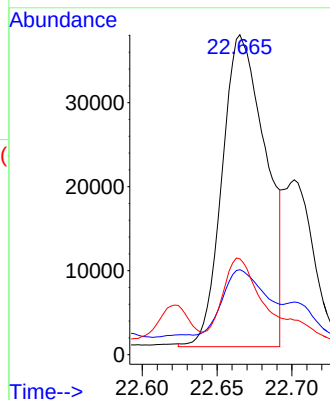
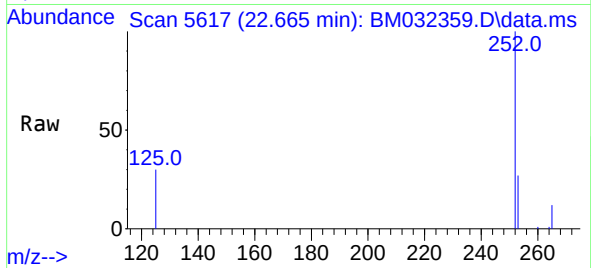
#24
Benzo(b)fluoranthene
Concen: 0.79 ng/ul m
RT: 22.665 min Scan# 5617
Delta R.T. 0.000 min
Lab File: BM032359.D
Acq: 07 Oct 2021 16:41

Tgt Ion:252	Resp:	75385
Ion Ratio	Lower	Upper
252	100	
253	26.5	0.0 58.0
125	30.0	0.0 31.4

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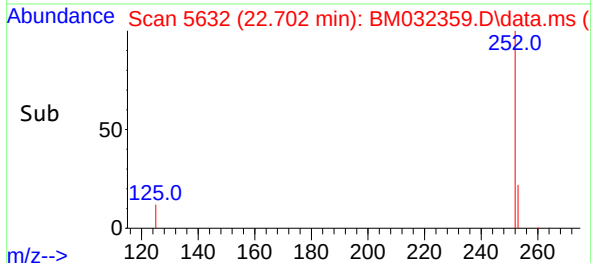
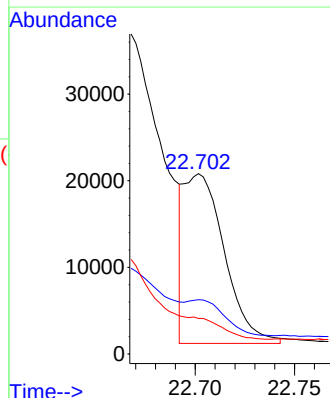
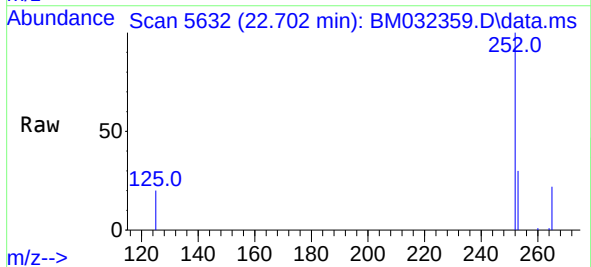
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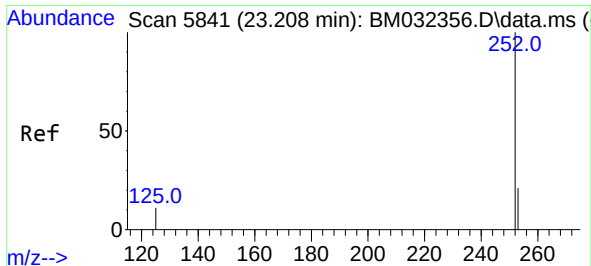
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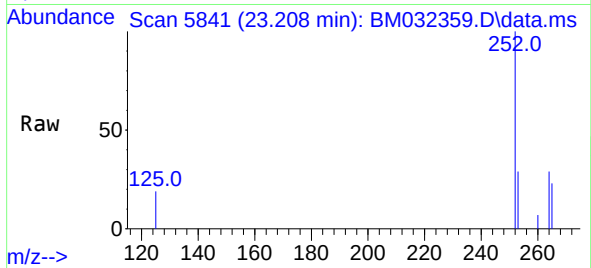
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Benzo(k)fluoranthene
Concen: 0.30 ng/ul m
RT: 22.702 min Scan# 5632
Delta R.T. -0.002 min
Lab File: BM032359.D
Acq: 07 Oct 2021 16:41

Tgt Ion:252	Resp:	27642
Ion Ratio	Lower	Upper
252	100	
253	30.1	22.9 34.3
125	19.7	12.9 19.3#

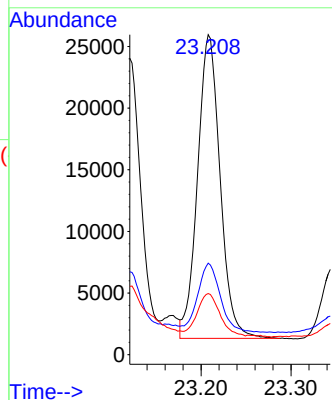




#26
Benzo(a)pyrene
Concen: 0.60 ng/ul
RT: 23.208 min Scan# 5841
Delta R.T. 0.000 min
Lab File: BM032359.D
Acq: 07 Oct 2021 16:41



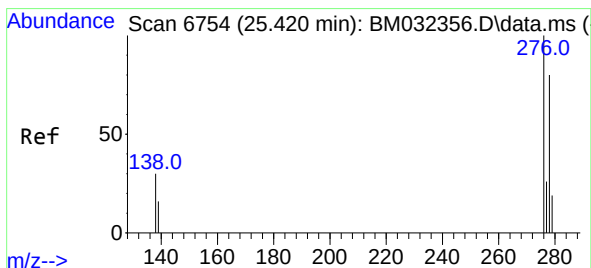
Tgt Ion:	252	Resp:	42934
Ion Ratio	Lower	Upper	
252	100		
253	28.6	25.8	38.8
125	19.1	15.4	23.2



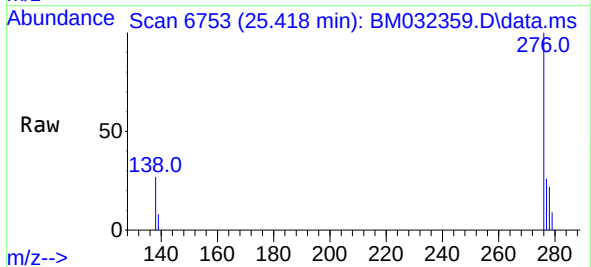
Instrument :
BNA_M
ClientSampled :
EW405

Manual Integrations
APPROVED

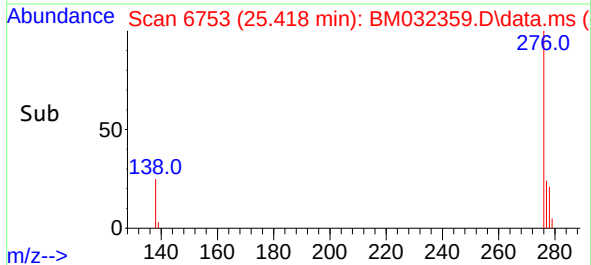
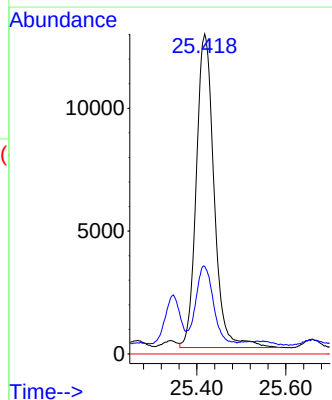
mohammad
10/11/2021 2:08:33 PM

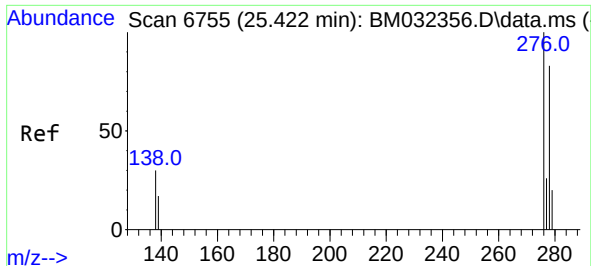


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng/ul
RT: 25.418 min Scan# 6753
Delta R.T. -0.002 min
Lab File: BM032359.D
Acq: 07 Oct 2021 16:41



Tgt Ion:	276	Resp:	35360
Ion Ratio	Lower	Upper	
276	100		
138	24.4	24.3	36.5
227	0.0	0.0	0.0





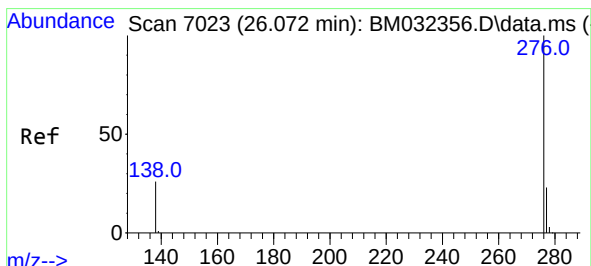
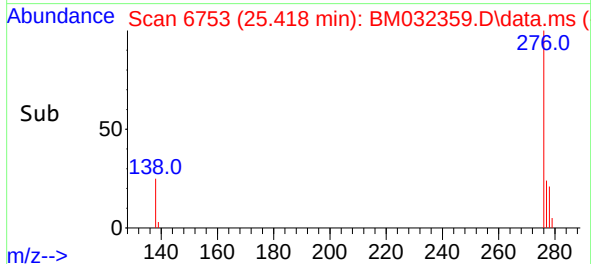
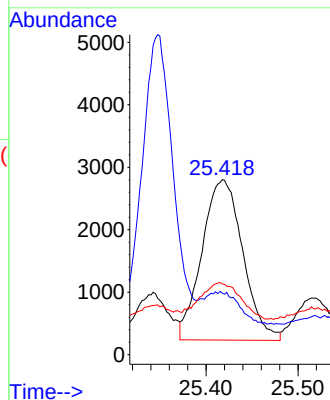
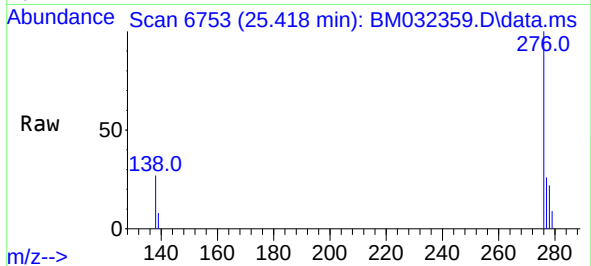
#28
Dibenzo(a,h)anthracene
Concen: 0.11 ng/ul
RT: 25.418 min Scan# 6753
Delta R.T. -0.005 min
Lab File: BM032359.D
Acq: 07 Oct 2021 16:41

Tgt Ion:278 Resp: 7925
Ion Ratio Lower Upper
278 100
139 35.2 16.6 24.8#
279 40.4 23.0 34.6#

Instrument :
BNA_M
ClientSampled :
EW405

Manual Integrations
APPROVED

mohammad
10/11/2021 2:08:33 PM



#29
Benzo(g,h,i)perylene
Concen: 0.37 ng/ul
RT: 26.072 min Scan# 7023
Delta R.T. 0.000 min
Lab File: BM032359.D
Acq: 07 Oct 2021 16:41

Tgt Ion:276 Resp: 31830
Ion Ratio Lower Upper
276 100
138 28.8 21.0 31.4
277 25.9 19.8 29.8

