

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032552.D
 Acq On : 16 Oct 2021 07:47
 Operator : CG/JU
 Sample : M4029-18
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00S9

Manual Integrations
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Quant Time: Oct 18 05:28:05 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	7.553	152	7945	0.40	ng/ul	0.00
4) Naphthalene-d8	10.339	136	24374	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	11393	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	20069	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.123	240	13481	0.40	ng/ul	-0.01
23) Perylene-d12	23.259	264	12590	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.923	96	11440	1.28	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	2777	0.09	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	4381	0.10	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.388	128	14951	0.20	ng/ul	99
7) 2-Methylnaphthalene	12.008	142	9656	0.20	ng/ul	99
8) 1-Methylnaphthalene	12.232	142	5653	0.12	ng/ul	100
10) Acenaphthylene	13.928	152	13341	0.27	ng/ul	100
11) Acenaphthene	14.274	153	2180	0.05	ng/ul	97
12) Fluorene	15.259	166	5007	0.10	ng/ul#	98
15) Phenanthrene	16.988	178	102324	1.52	ng/ul	99
16) Anthracene	17.074	178	17617	0.30	ng/ul	100
19) Fluoranthene	19.004	202	285610	4.28	ng/ul	99
20) Pyrene	19.366	202	243549	3.55	ng/ul	98
21) Benzo(a)anthracene	21.108	228	104288	1.98	ng/ul	98
22) Chrysene	21.159	228	128397	2.22	ng/ul	98
24) Benzo(b)fluoranthene	22.626	252	180919m	3.11	ng/ul	
25) Benzo(k)fluoranthene	22.663	252	65351m	1.13	ng/ul	
26) Benzo(a)pyrene	23.164	252	115464m	2.37	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.359	276	95851	1.61	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.357	278	21215	0.45	ng/ul	97
29) Benzo(g,h,i)perylene	26.006	276	79728	1.53	ng/ul	99

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

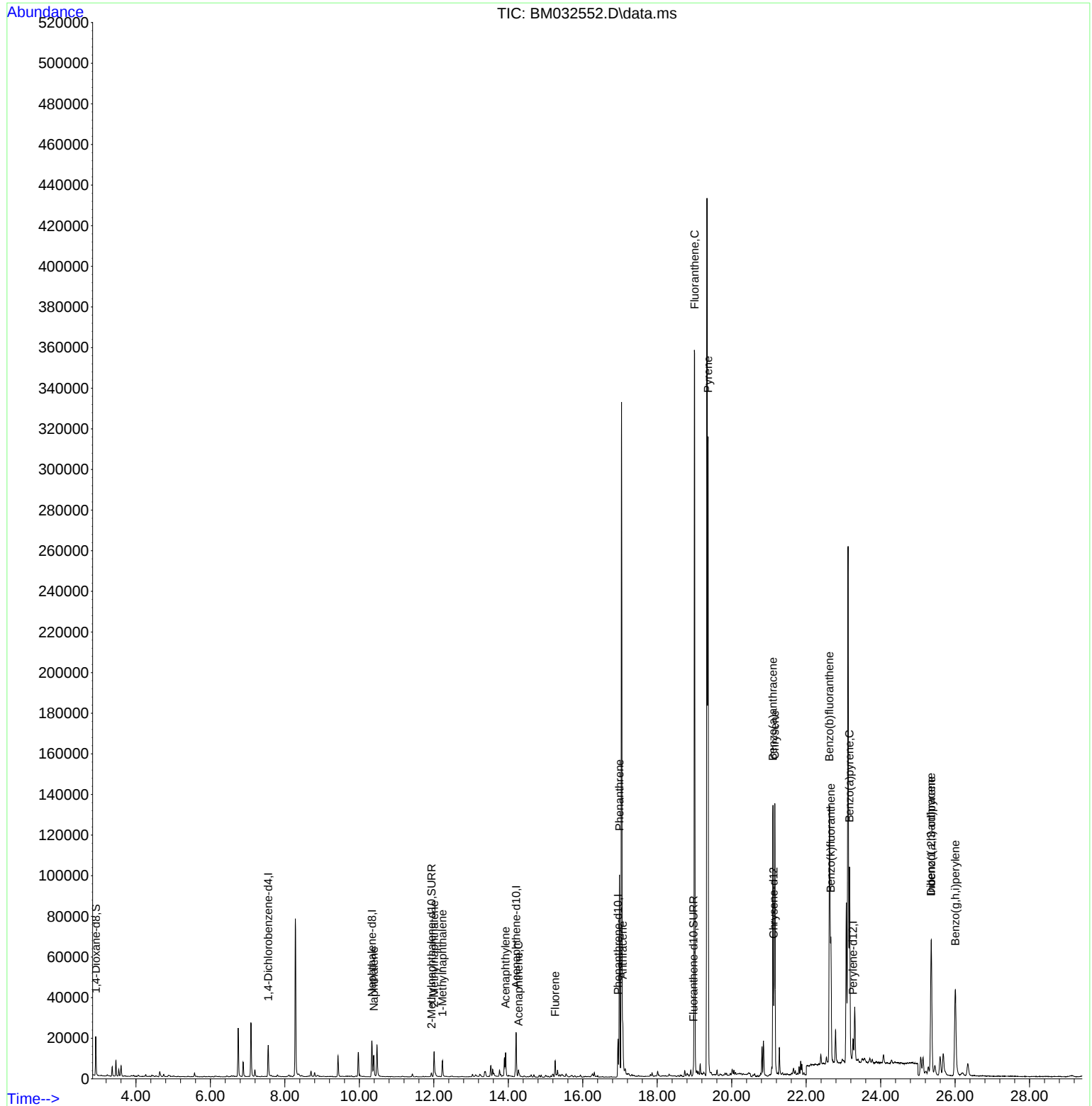
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Data File : BM032552.D
Acq On : 16 Oct 2021 07:47
Operator : CG/JU
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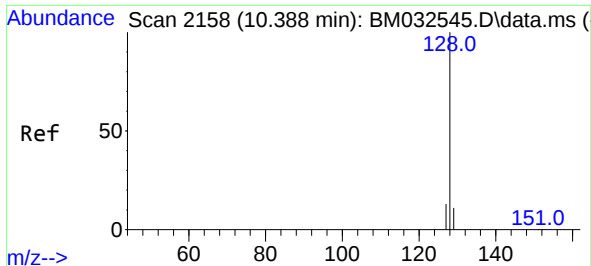
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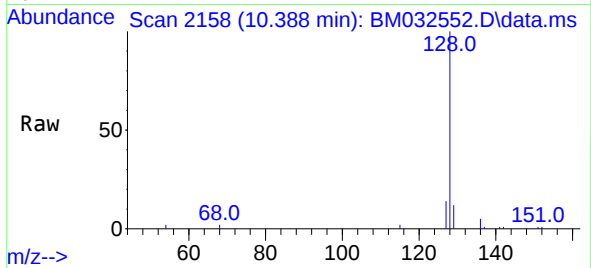
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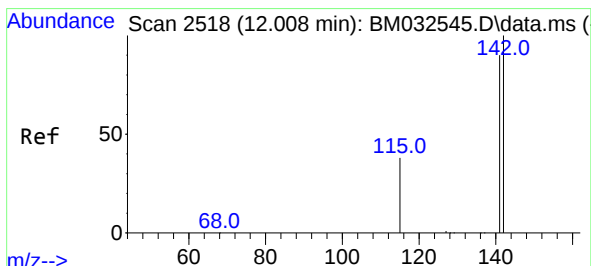
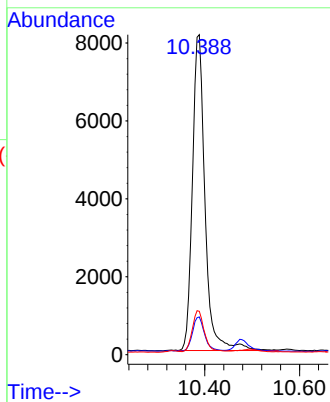
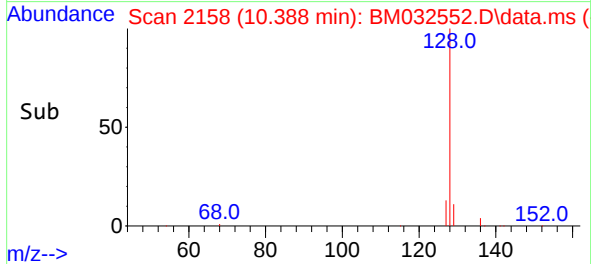




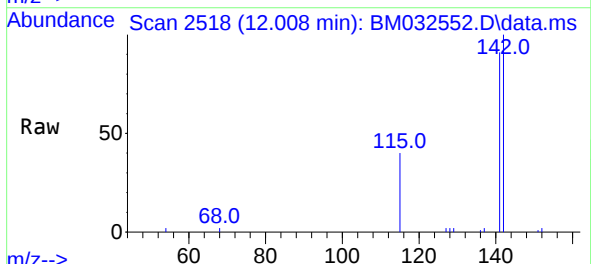
#5
Naphthalene
Concen: 0.20 ng/ul
RT: 10.388 min Scan# 2158
Delta R.T. -0.005 min
Lab File: BM032552.D
Acq: 16 Oct 2021 07:47



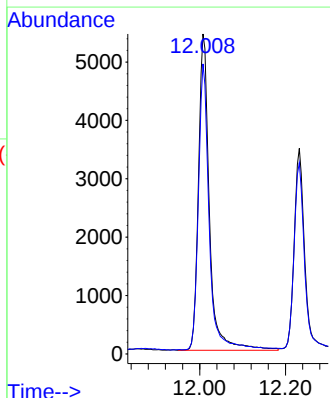
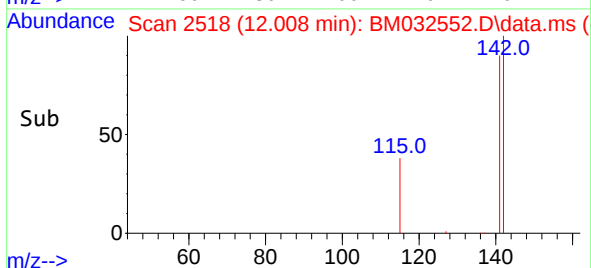
Tgt Ion:128 Resp: 14951
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.6 11.1 16.7



#7
2-Methylnaphthalene
Concen: 0.20 ng/ul
RT: 12.008 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BM032552.D
Acq: 16 Oct 2021 07:47



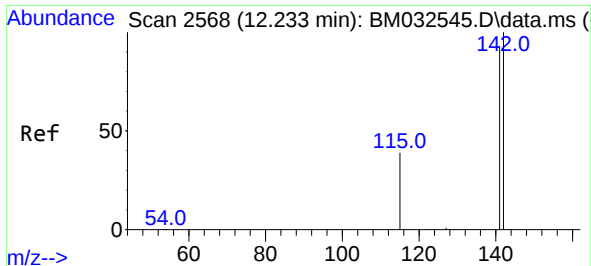
Tgt Ion:142 Resp: 9656
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.2



Instrument :
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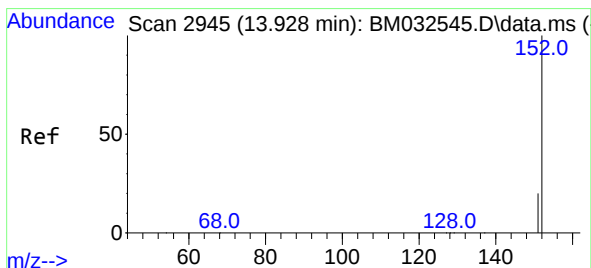
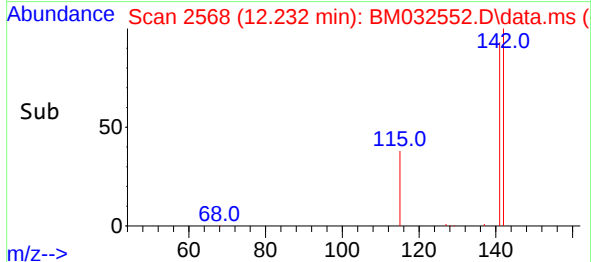
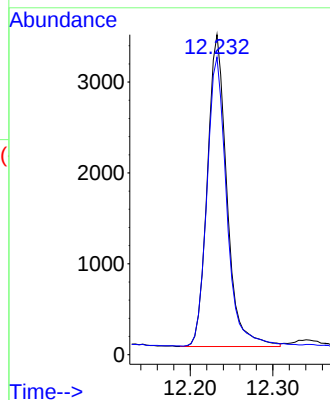
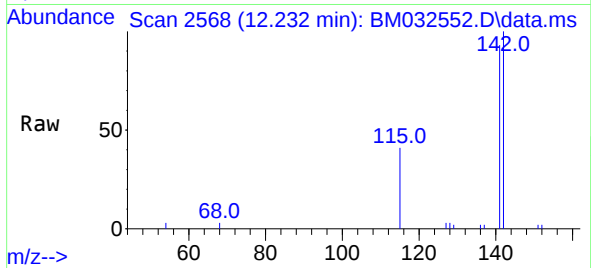
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1-Methylnaphthalene
Concen: 0.12 ng/ul
RT: 12.232 min Scan# 2568
Delta R.T. -0.005 min
Lab File: BM032552.D
Acq: 16 Oct 2021 07:47

Tgt Ion:142 Resp: 5653
Ion Ratio Lower Upper
142 100
141 93.5 74.9 112.3

Instrument :
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ClientSampled :
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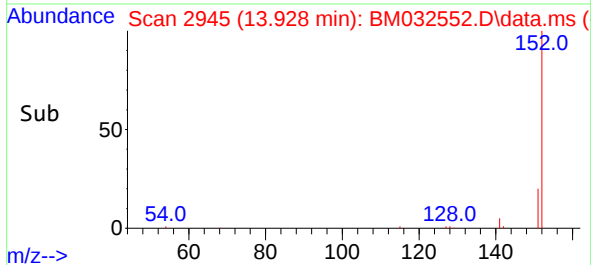
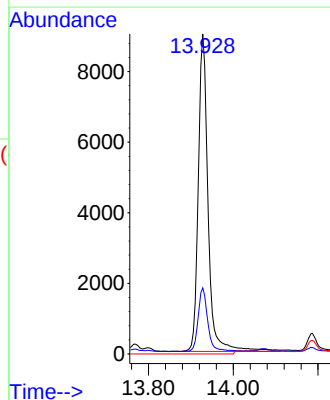
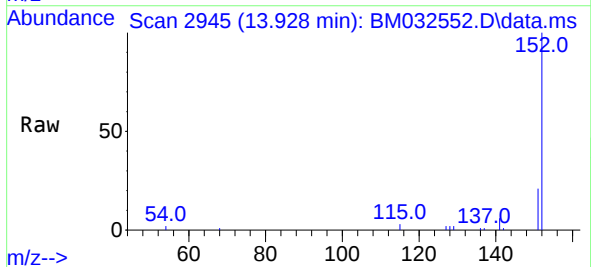
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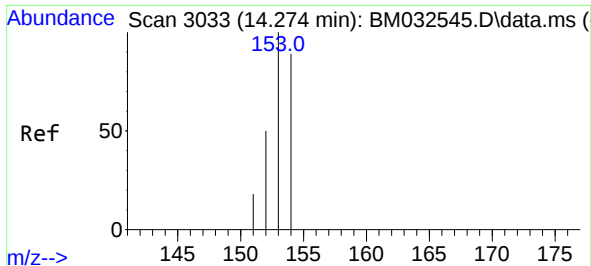
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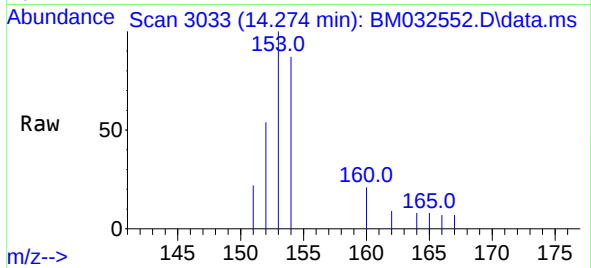
#10
Acenaphthylene
Concen: 0.27 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.005 min
Lab File: BM032552.D
Acq: 16 Oct 2021 07:47

Tgt Ion:152 Resp: 13341
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1
153 0.0 0.0 0.0

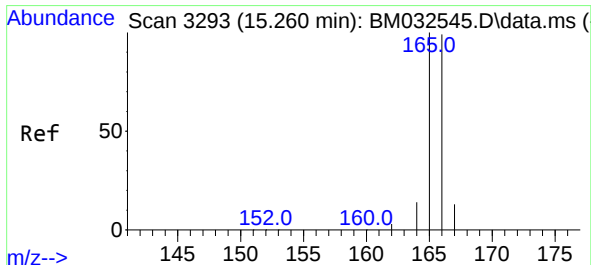
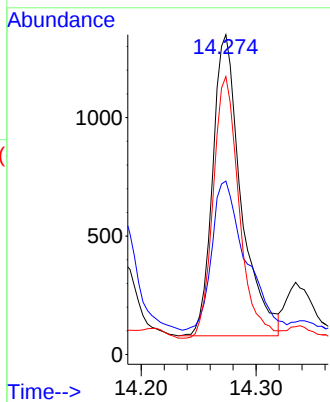
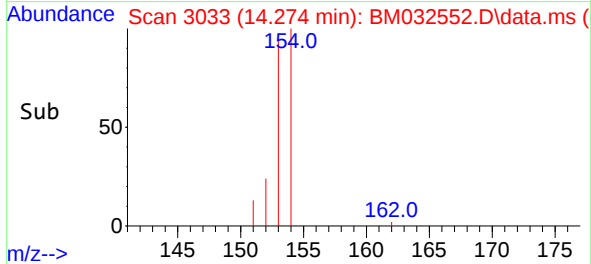




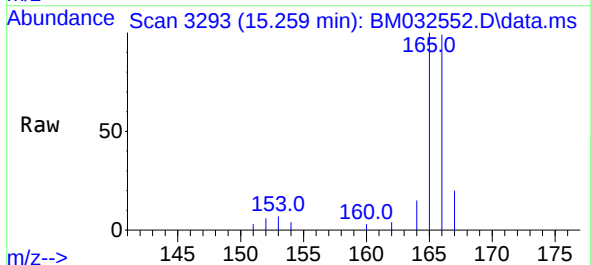
#11
Acenaphthene
Concen: 0.05 ng/ul
RT: 14.274 min Scan# 3033
Delta R.T. -0.004 min
Lab File: BM032552.D
Acq: 16 Oct 2021 07:47



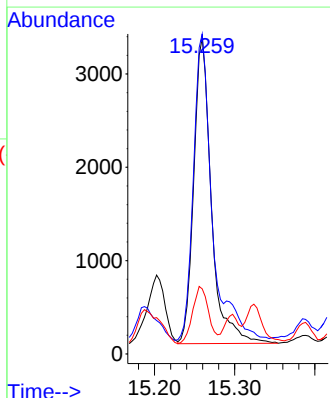
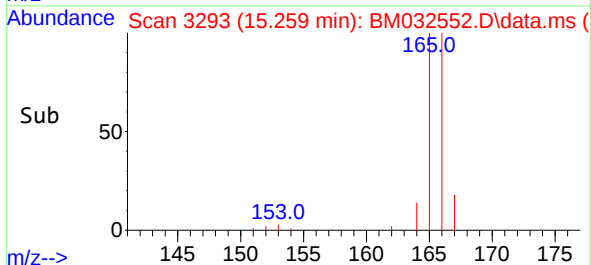
Tgt Ion:153 Resp: 2180
Ion Ratio Lower Upper
153 100
152 54.2 40.4 60.6
154 86.9 70.8 106.2



#12
Fluorene
Concen: 0.10 ng/ul
RT: 15.259 min Scan# 3293
Delta R.T. -0.004 min
Lab File: BM032552.D
Acq: 16 Oct 2021 07:47



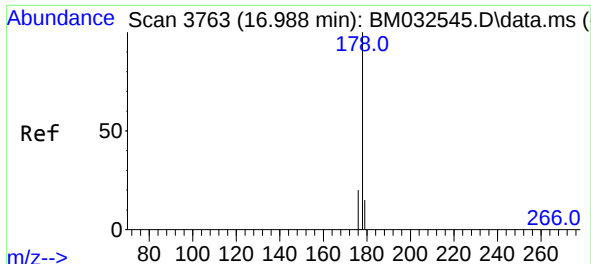
Tgt Ion:166 Resp: 5007
Ion Ratio Lower Upper
166 100
165 101.3 80.7 121.1
167 20.6 11.2 16.8#



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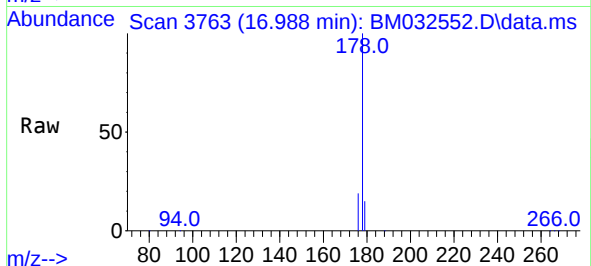
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#15
Phenanthrene
Concen: 1.52 ng/ul
RT: 16.988 min Scan# 3763
Delta R.T. -0.007 min
Lab File: BM032552.D
Acq: 16 Oct 2021 07:47

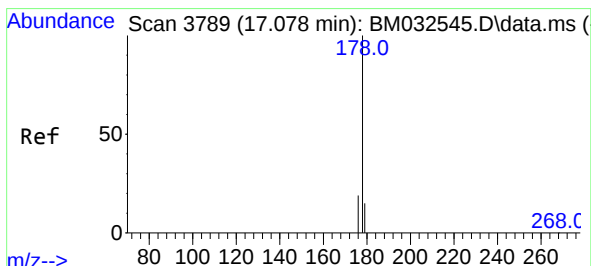
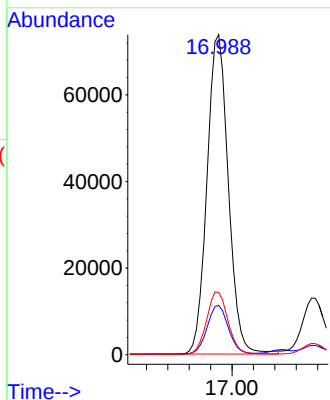
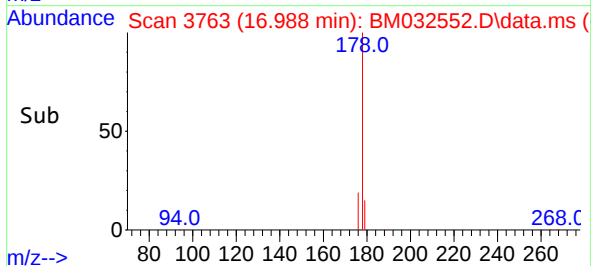
Instrument :
BNA_M
ClientSampled :
C00S9



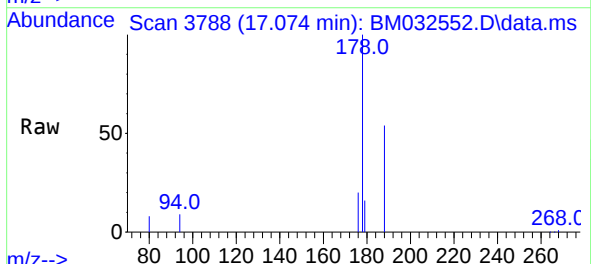
Tgt Ion:178 Resp: 102324
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 19.5 16.1 24.1

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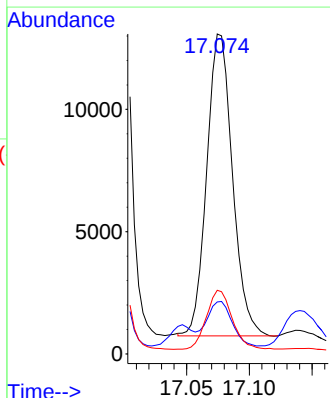
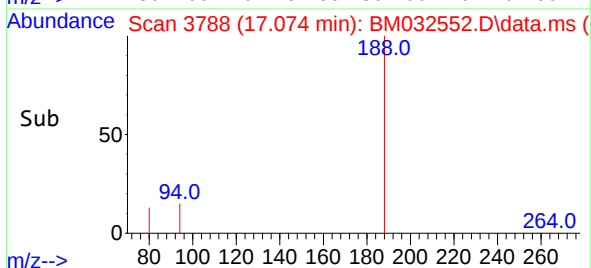
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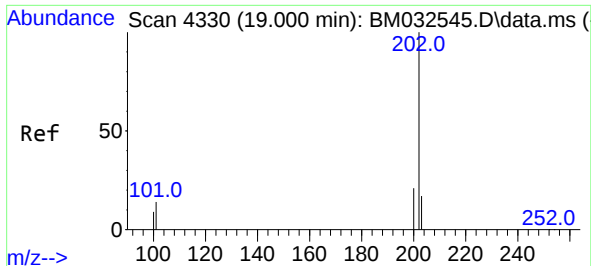


#16
Anthracene
Concen: 0.30 ng/ul
RT: 17.074 min Scan# 3788
Delta R.T. -0.011 min
Lab File: BM032552.D
Acq: 16 Oct 2021 07:47

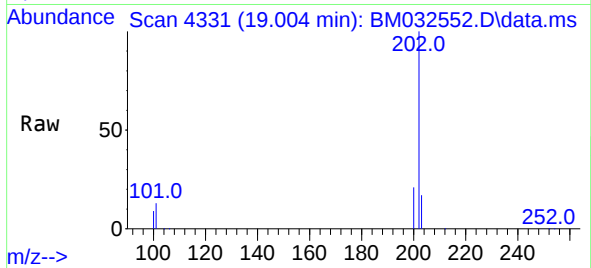


Tgt Ion:178 Resp: 17617
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 19.9 15.8 23.6

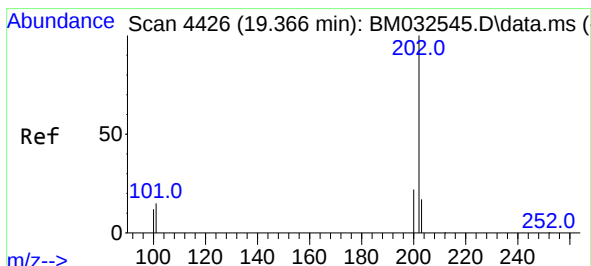
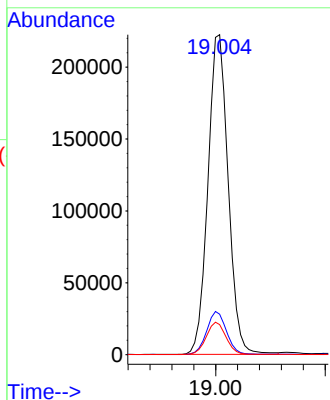
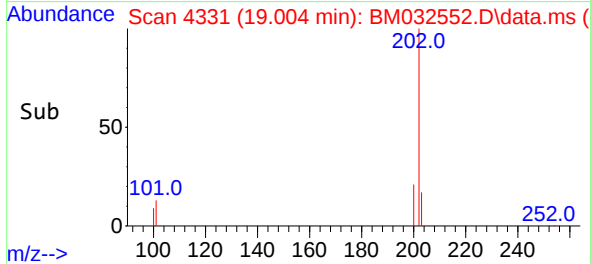




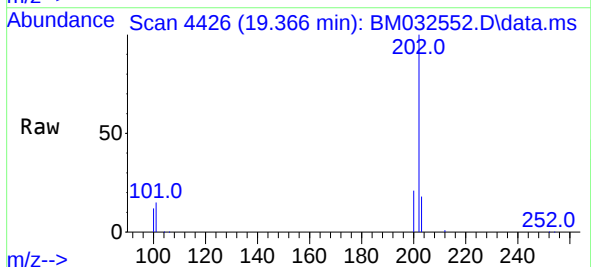
#19
Fluoranthene
Concen: 4.28 ng/ul
RT: 19.004 min Scan# 4331
Delta R.T. -0.008 min
Lab File: BM032552.D
Acq: 16 Oct 2021 07:47



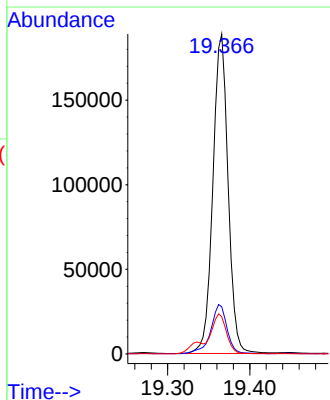
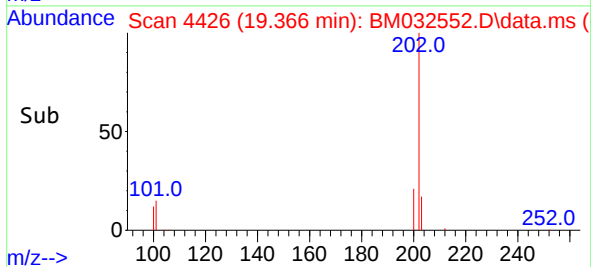
Tgt Ion:202 Resp: 285610
Ion Ratio Lower Upper
202 100
101 12.6 10.6 16.0
100 9.4 7.8 11.8



#20
Pyrene
Concen: 3.55 ng/ul
RT: 19.366 min Scan# 4426
Delta R.T. -0.008 min
Lab File: BM032552.D
Acq: 16 Oct 2021 07:47



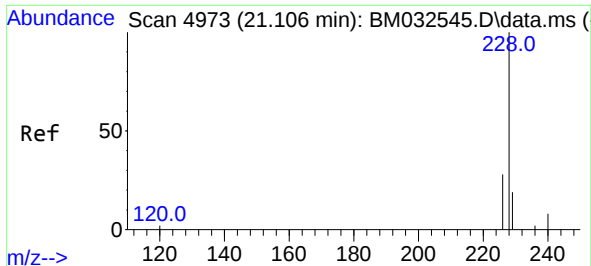
Tgt Ion:202 Resp: 243549
Ion Ratio Lower Upper
202 100
101 14.7 12.3 18.5
100 11.6 10.1 15.1



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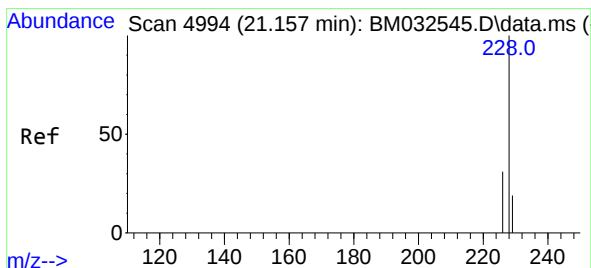
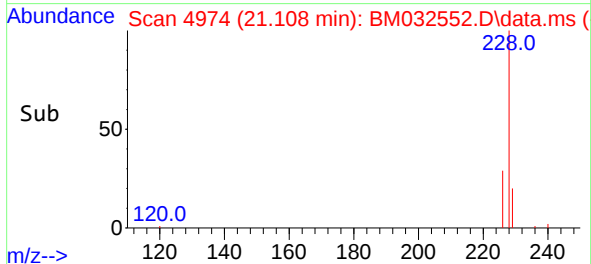
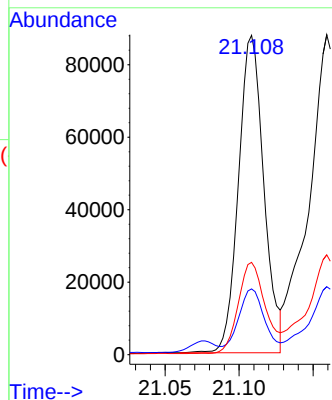
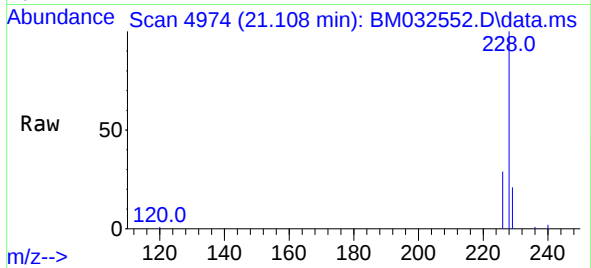
#21
Benzo(a)anthracene
Concen: 1.98 ng/ul
RT: 21.108 min Scan# 4974
Delta R.T. -0.012 min
Lab File: BM032552.D
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Tgt Ion:	228	Resp:	104288
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.9	23.9
226	28.9	22.4	33.6

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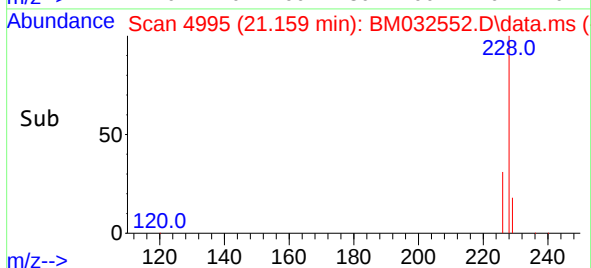
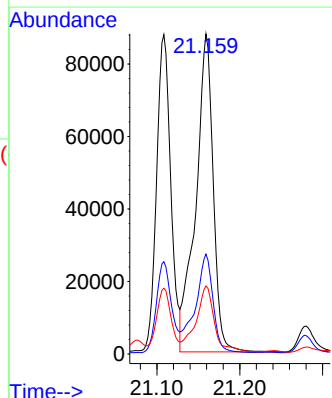
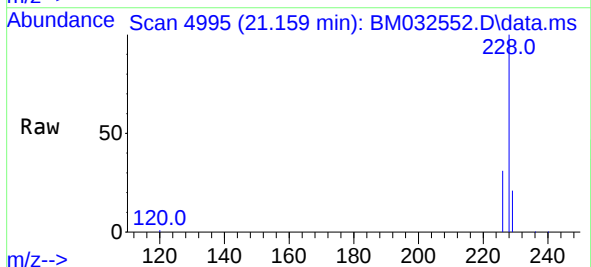
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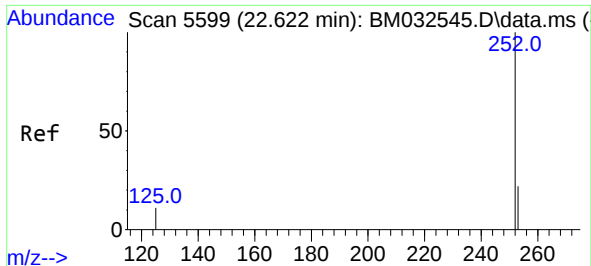
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#22
Chrysene
Concen: 2.22 ng/ul
RT: 21.159 min Scan# 4995
Delta R.T. -0.012 min
Lab File: BM032552.D
Acq: 16 Oct 2021 07:47

Tgt Ion:	228	Resp:	128397
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.1	37.7
229	21.3	15.7	23.5





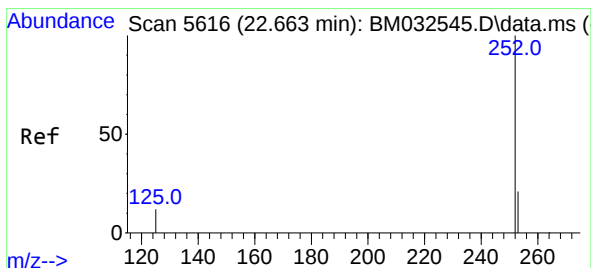
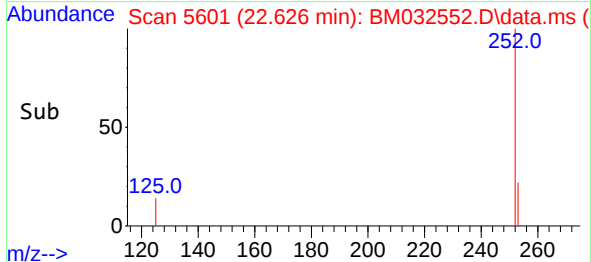
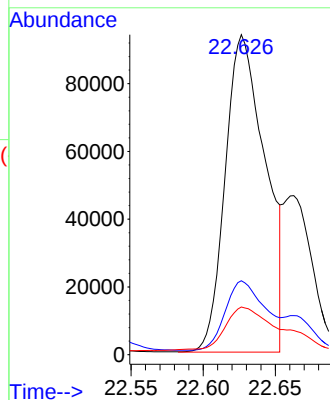
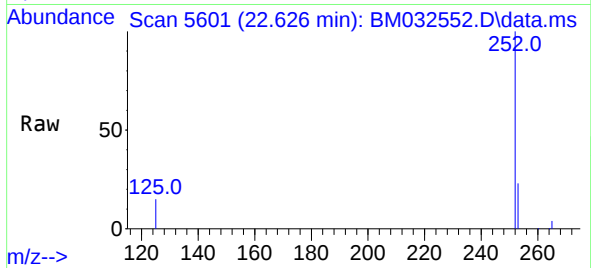
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Benzo(b)fluoranthene
Concen: 3.11 ng/ul m
RT: 22.626 min Scan# 5601
Delta R.T. -0.017 min
Lab File: BM032552.D
Acq: 16 Oct 2021 07:47

Tgt Ion:	252	Resp:	180919
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	53.8
125	14.9	0.0	35.6

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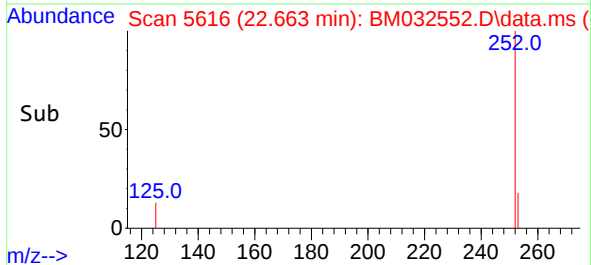
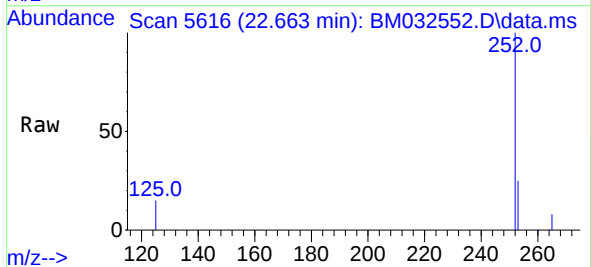
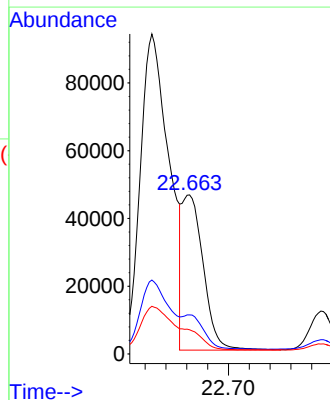
Manual Integrations
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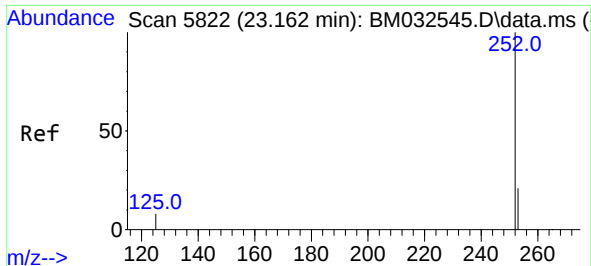
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#25
Benzo(k)fluoranthene
Concen: 1.13 ng/ul m
RT: 22.663 min Scan# 5616
Delta R.T. -0.022 min
Lab File: BM032552.D
Acq: 16 Oct 2021 07:47

Tgt Ion:	252	Resp:	65351
Ion Ratio	Lower	Upper	
252	100		
253	24.6	21.8	32.6
125	15.2	14.4	21.6





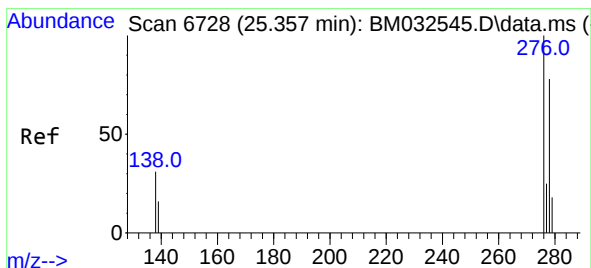
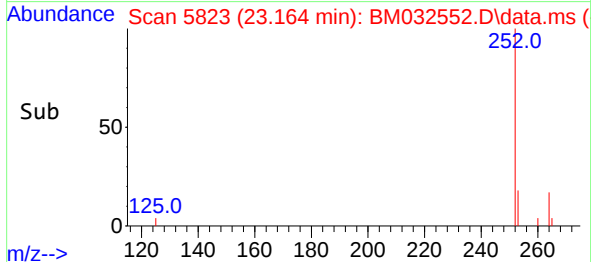
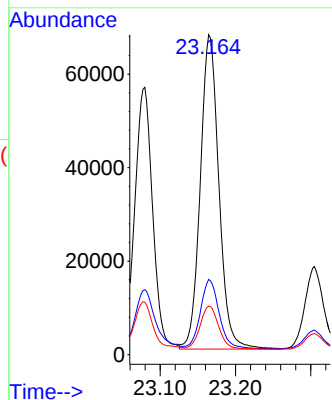
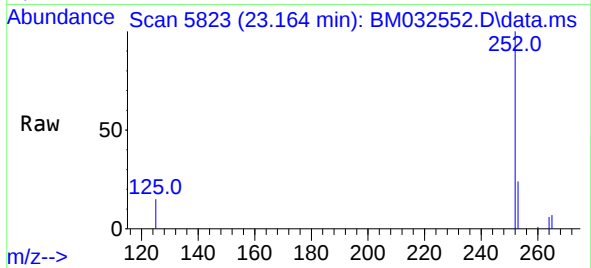
#26
Benzo(a)pyrene
Concen: 2.37 ng/ul m
RT: 23.164 min Scan# 5823
Delta R.T. -0.019 min
Lab File: BM032552.D
Acq: 16 Oct 2021 07:47

Tgt Ion:252 Resp: 115464
Ion Ratio Lower Upper
252 100
253 23.5 23.6 35.4#
125 15.2 17.1 25.7#

Instrument :
BNA_M
ClientSampled :
C00S9

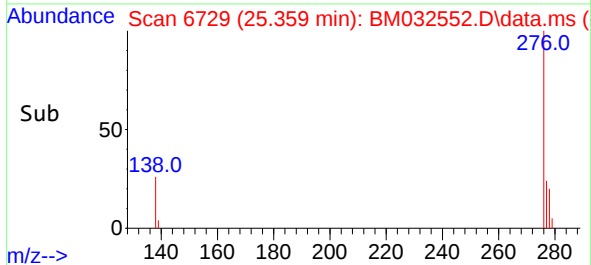
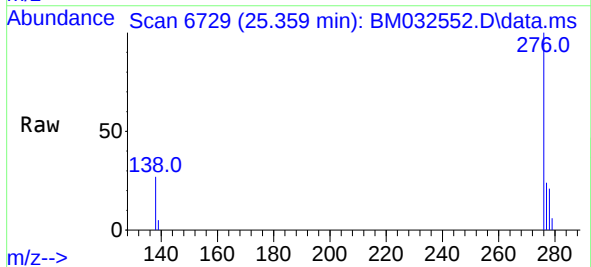
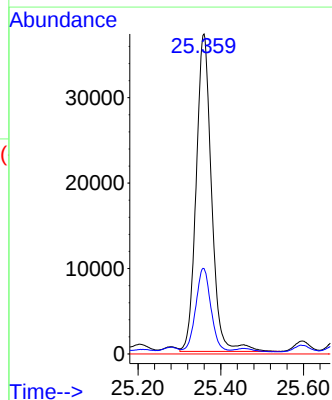
Manual Integrations
APPROVED

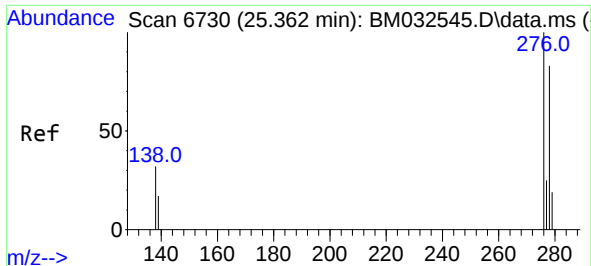
mohammad
10/19/2021 12:07:44 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.61 ng/ul
RT: 25.359 min Scan# 6729
Delta R.T. -0.027 min
Lab File: BM032552.D
Acq: 16 Oct 2021 07:47

Tgt Ion:276 Resp: 95851
Ion Ratio Lower Upper
276 100
138 24.8 24.9 37.3#
227 0.0 0.0 0.0





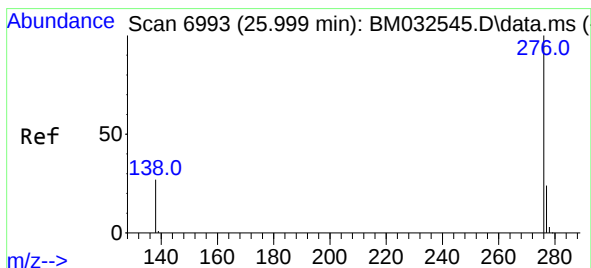
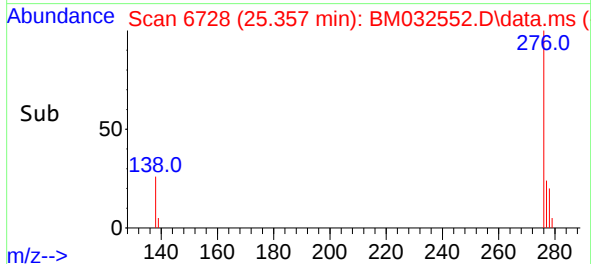
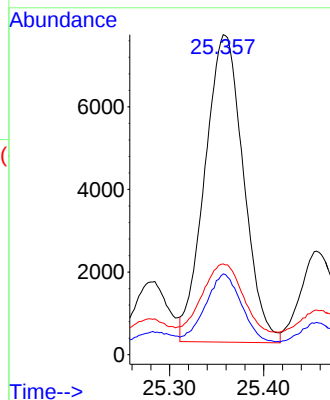
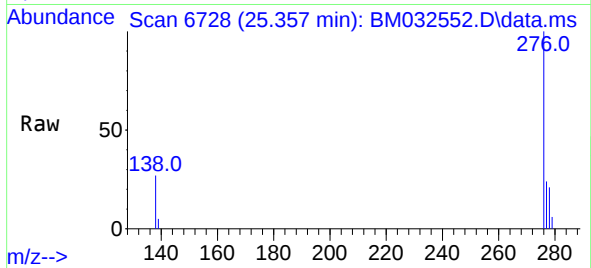
#28
Dibenzo(a,h)anthracene
Concen: 0.45 ng/ul
RT: 25.357 min Scan# 6728
Delta R.T. -0.036 min
Lab File: BM032552.D
Acq: 16 Oct 2021 07:47

Tgt Ion:	278	Resp:	21215
Ion Ratio	Lower	Upper	
278	100		
139	25.2	18.6	28.0
279	28.3	22.0	33.0

Instrument :
BNA_M
ClientSampleId :
C00S9

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 1.53 ng/ul
RT: 26.006 min Scan# 6996
Delta R.T. -0.024 min
Lab File: BM032552.D
Acq: 16 Oct 2021 07:47

Tgt Ion:	276	Resp:	79728
Ion Ratio	Lower	Upper	
276	100		
138	27.6	22.6	33.8
277	24.2	19.9	29.9

