

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032633.D
 Acq On : 20 Oct 2021 23:48
 Operator : CG/JU
 Sample : M4207-06
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC3

Manual Integrations
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Quant Time: Oct 21 04:59:43 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 : Wed Oct 20 16:33:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	6254	0.40	ng/ul	0.00
4) Naphthalene-d8	10.339	136	20390	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	10791	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	19120	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.118	240	12220	0.40	ng/ul	0.00
23) Perylene-d12	23.252	264	11364	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	8805	1.26	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	3880	0.14	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	5990	0.16	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.384	128	86708	1.40	ng/ul	99
7) 2-Methylnaphthalene	12.008	142	72459	1.79	ng/ul	99
8) 1-Methylnaphthalene	12.228	142	57376	1.44	ng/ul	100
10) Acenaphthylene	13.928	152	5692	0.12	ng/ul#	90
11) Acenaphthene	14.270	153	1836	0.04	ng/ul#	92
12) Fluorene	15.256	166	2542	0.05	ng/ul#	58
15) Phenanthrene	16.984	178	68858	1.07	ng/ul	99
16) Anthracene	17.071	178	6229	0.11	ng/ul#	93
19) Fluoranthene	19.000	202	57053	0.94	ng/ul	99
20) Pyrene	19.362	202	57963	0.93	ng/ul	99
21) Benzo(a)anthracene	21.101	228	27732	0.58	ng/ul	96
22) Chrysene	21.155	228	39702	0.76	ng/ul	98
24) Benzo(b)fluoranthene	22.622	252	45715m	0.87	ng/ul	
25) Benzo(k)fluoranthene	22.656	252	15761m	0.30	ng/ul	
26) Benzo(a)pyrene	23.160	252	26893	0.61	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.362	276	21326	0.40	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.362	278	5500	0.13	ng/ul#	75
29) Benzo(g,h,i)perylene	26.006	276	19994	0.43	ng/ul	97

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

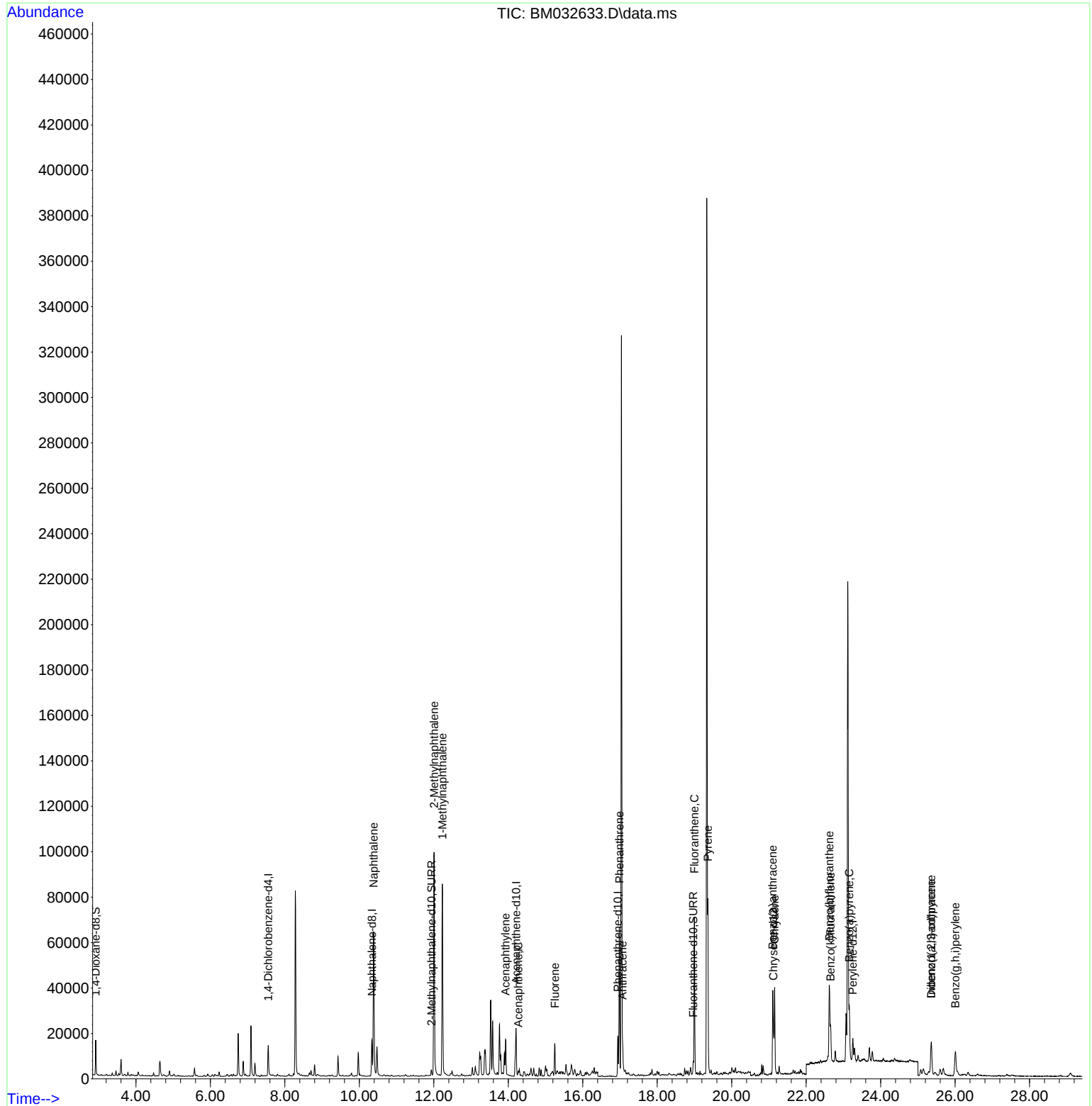
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Data File : BM032633.D
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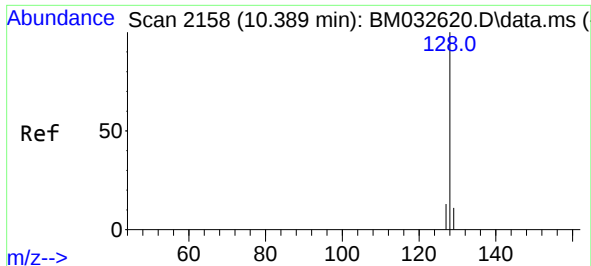
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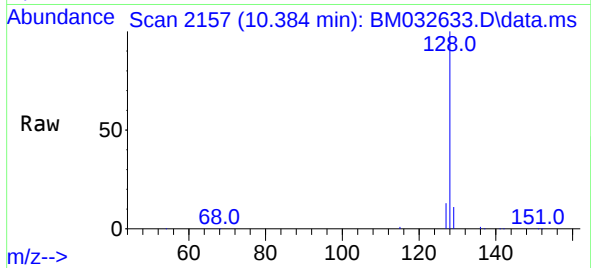
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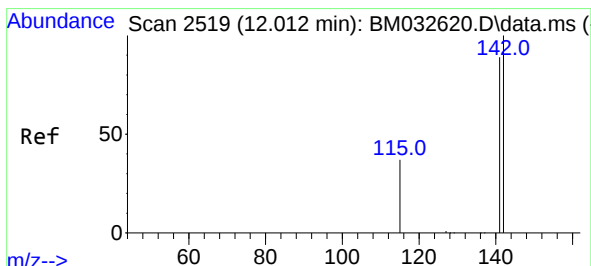
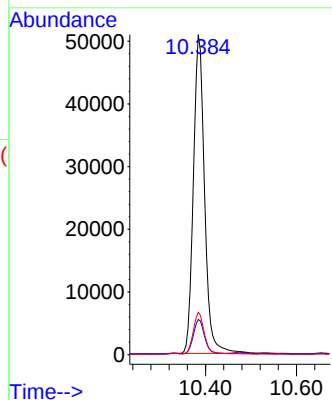
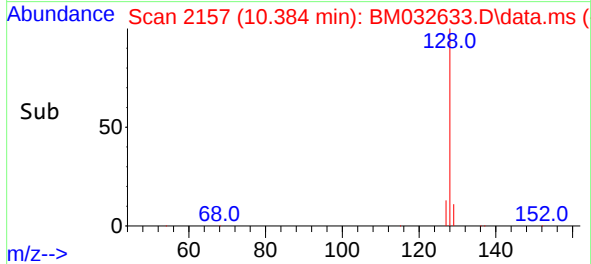




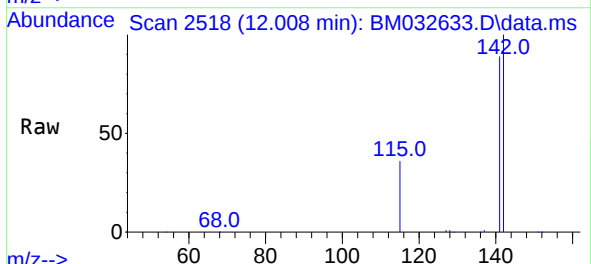
#5
Naphthalene
Concen: 1.40 ng/ul
RT: 10.384 min Scan# 2157
Delta R.T. -0.005 min
Lab File: BM032633.D
Acq: 20 Oct 2021 23:48



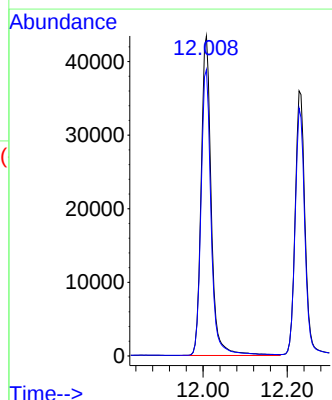
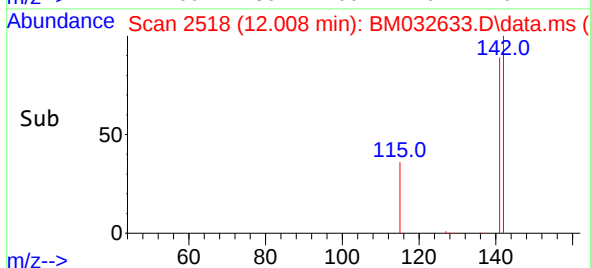
Tgt Ion:128 Resp: 86708
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.2 11.1 16.7



#7
2-Methylnaphthalene
Concen: 1.79 ng/ul
RT: 12.008 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BM032633.D
Acq: 20 Oct 2021 23:48



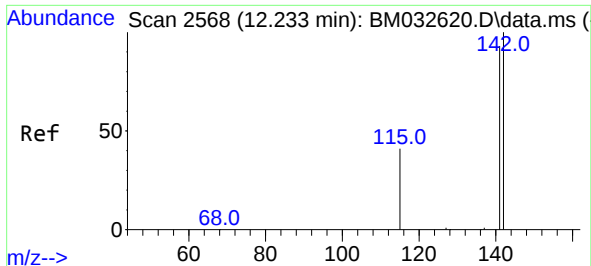
Tgt Ion:142 Resp: 72459
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2



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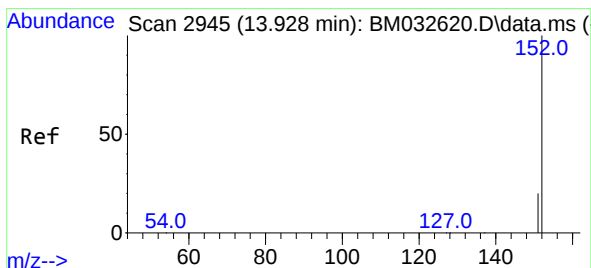
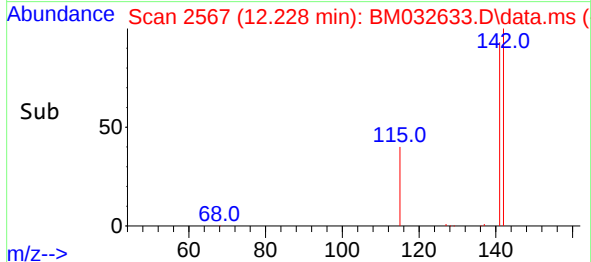
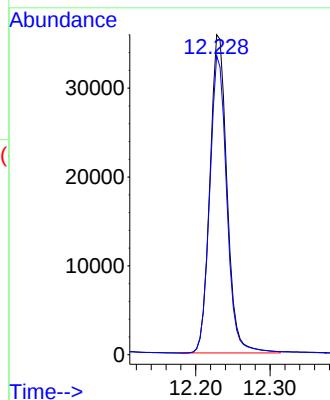
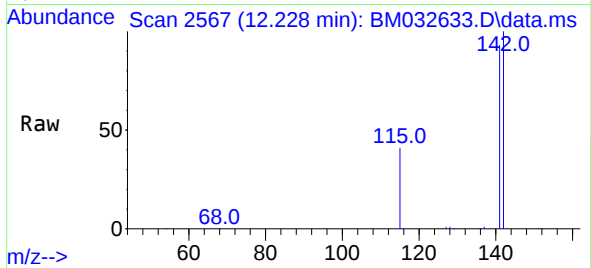
#8
1-Methylnaphthalene
Concen: 1.44 ng/ul
RT: 12.228 min Scan# 2567
Delta R.T. -0.005 min
Lab File: BM032633.D
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Tgt Ion:142 Resp: 57376
Ion Ratio Lower Upper
142 100
141 93.1 74.9 112.3

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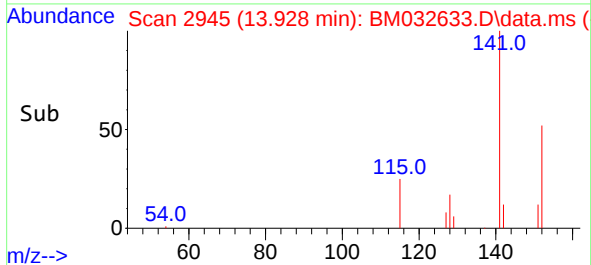
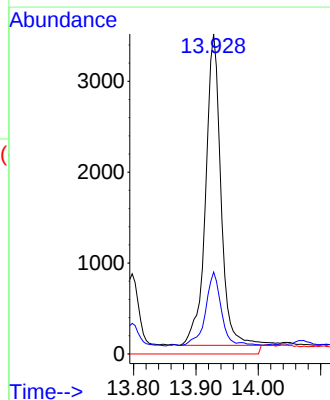
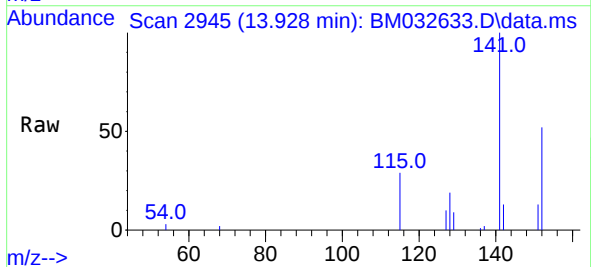
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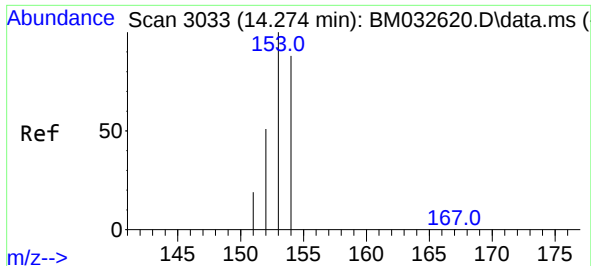
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#10
Acenaphthylene
Concen: 0.12 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. 0.000 min
Lab File: BM032633.D
Acq: 20 Oct 2021 23:48

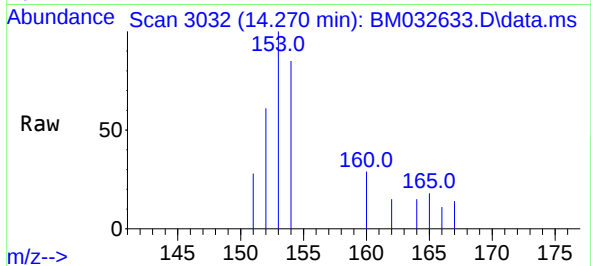
Tgt Ion:152 Resp: 5692
Ion Ratio Lower Upper
152 100
151 25.6 16.7 25.1#
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.04 ng/ul
RT: 14.270 min Scan# 3032
Delta R.T. -0.004 min
Lab File: BM032633.D
Acq: 20 Oct 2021 23:48

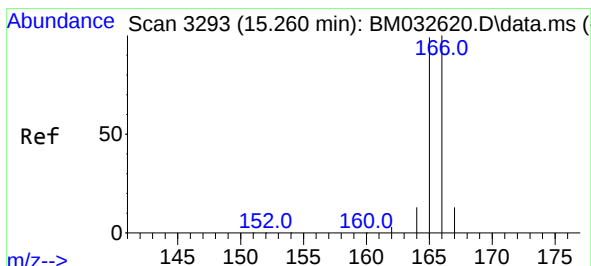
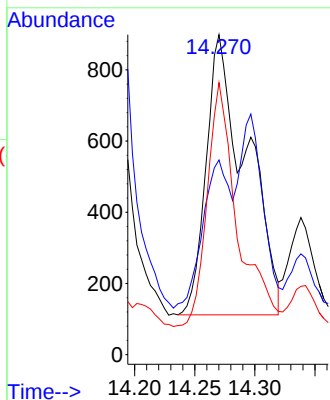
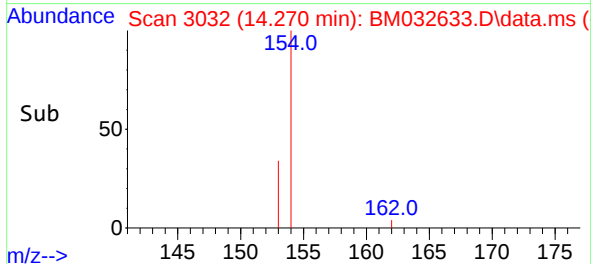
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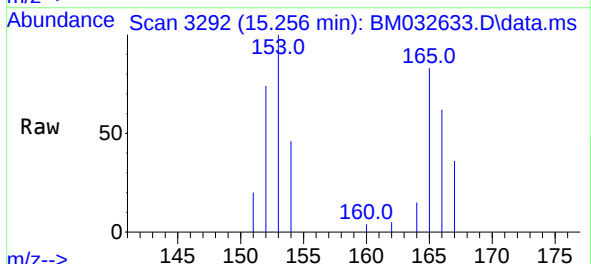
Tgt Ion:153 Resp: 1836
Ion Ratio Lower Upper
153 100
152 60.8 40.4 60.6#
154 85.0 70.8 106.2

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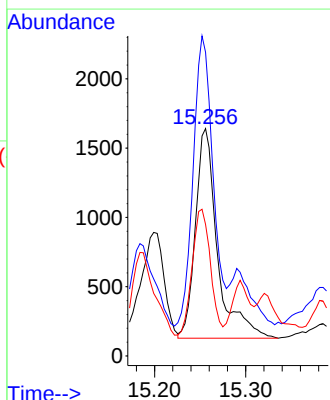
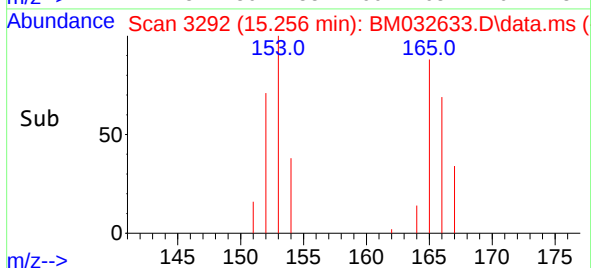
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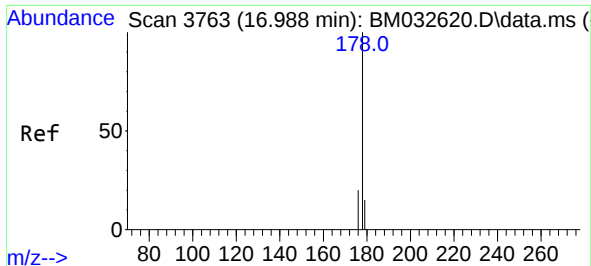


#12
Fluorene
Concen: 0.05 ng/ul
RT: 15.256 min Scan# 3292
Delta R.T. -0.004 min
Lab File: BM032633.D
Acq: 20 Oct 2021 23:48

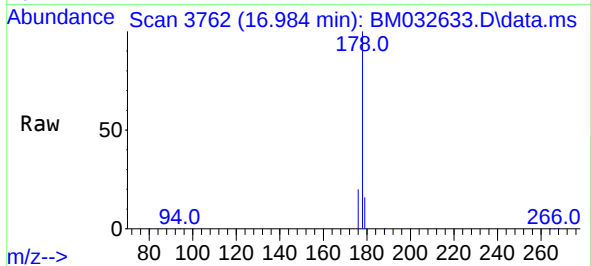


Tgt Ion:166 Resp: 2542
Ion Ratio Lower Upper
166 100
165 133.6 80.7 121.1#
167 57.9 11.2 16.8#

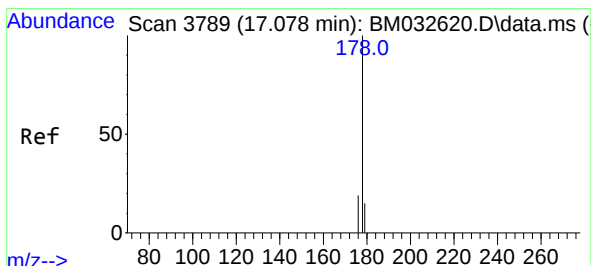
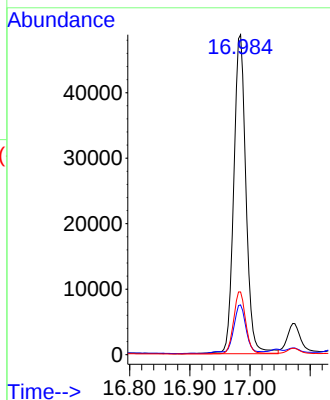
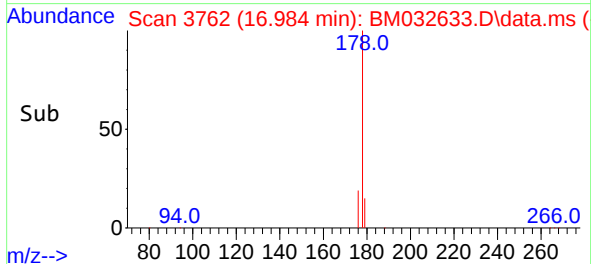




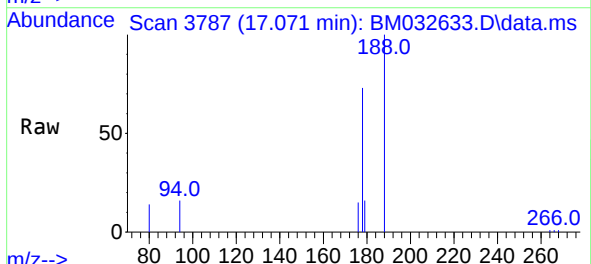
#15
Phenanthrene
Concen: 1.07 ng/ul
RT: 16.984 min Scan# 3762
Delta R.T. -0.003 min
Lab File: BM032633.D
Acq: 20 Oct 2021 23:48



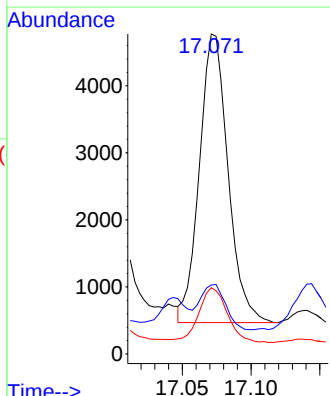
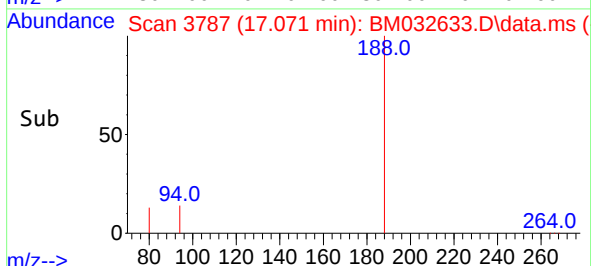
Tgt Ion:178 Resp: 68858
Ion Ratio Lower Upper
178 100
179 15.5 12.9 19.3
176 19.6 16.1 24.1



#16
Anthracene
Concen: 0.11 ng/ul
RT: 17.071 min Scan# 3787
Delta R.T. -0.007 min
Lab File: BM032633.D
Acq: 20 Oct 2021 23:48



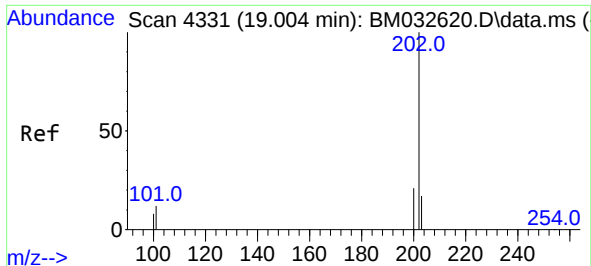
Tgt Ion:178 Resp: 6229
Ion Ratio Lower Upper
178 100
179 21.6 12.9 19.3#
176 20.7 15.8 23.6



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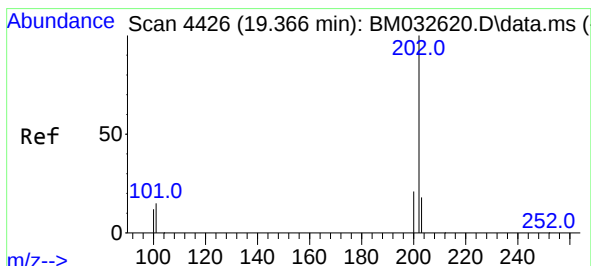
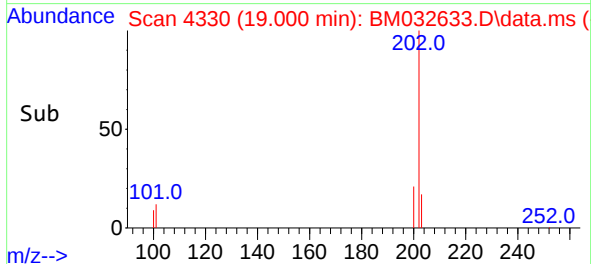
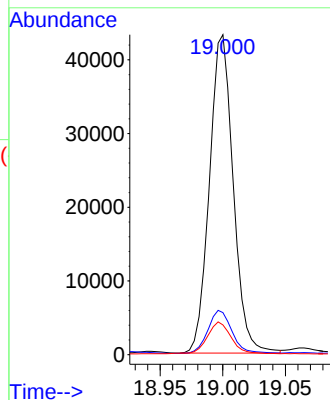
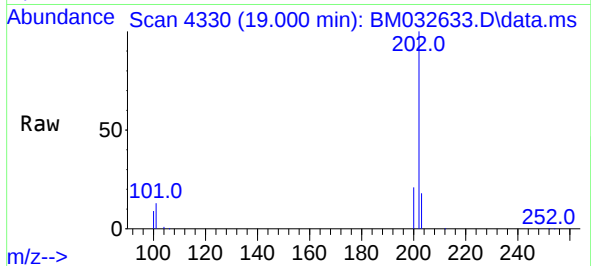
#19
Fluoranthene
Concen: 0.94 ng/ul
RT: 19.000 min Scan# 4330
Delta R.T. -0.004 min
Lab File: BM032633.D
Acq: 20 Oct 2021 23:48

Tgt Ion:	202	Resp:	57053
Ion Ratio	Lower	Upper	
202	100		
101	13.2	10.6	16.0
100	9.3	7.8	11.8

Instrument :
BNA_M
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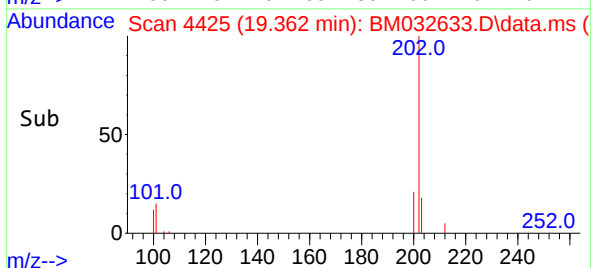
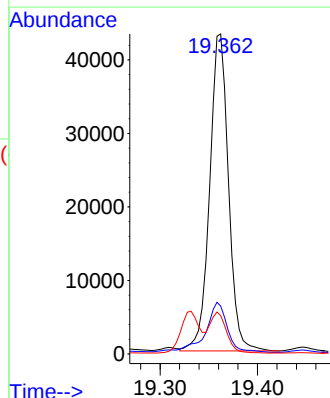
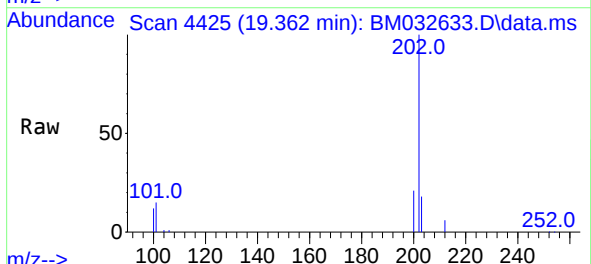
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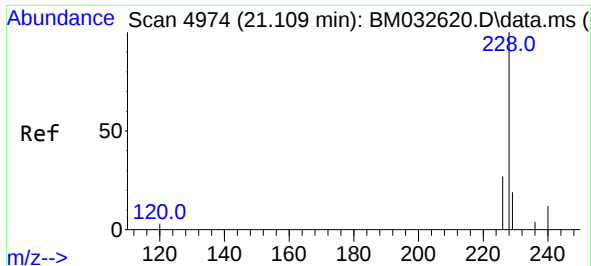
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#20
Pyrene
Concen: 0.93 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.004 min
Lab File: BM032633.D
Acq: 20 Oct 2021 23:48

Tgt Ion:	202	Resp:	57963
Ion Ratio	Lower	Upper	
202	100		
101	14.9	12.3	18.5
100	12.0	10.1	15.1





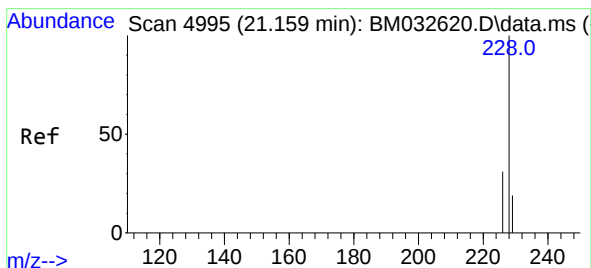
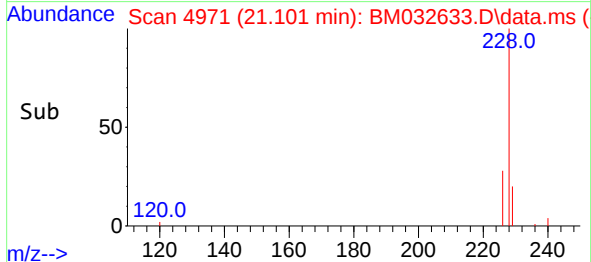
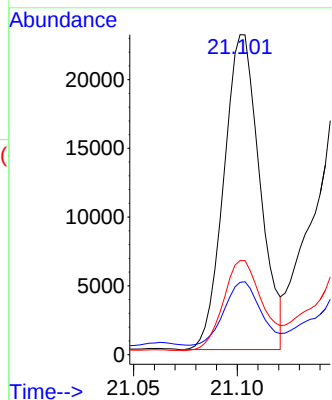
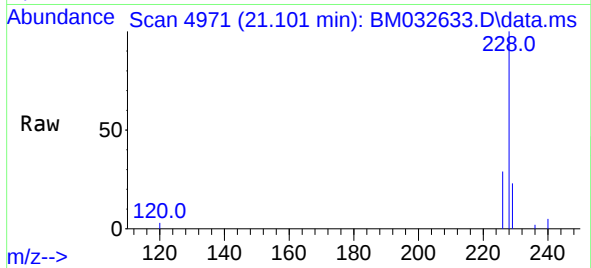
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Benzo(a)anthracene
Concen: 0.58 ng/u1
RT: 21.101 min Scan# 4971
Delta R.T. -0.007 min
Lab File: BM032633.D
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Tgt Ion:	228	Resp:	27732
Ion Ratio	Lower	Upper	
228	100		
229	22.6	15.9	23.9
226	29.4	22.4	33.6

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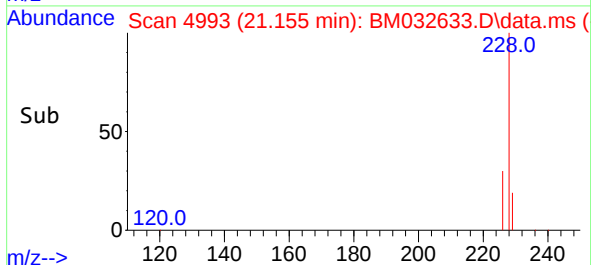
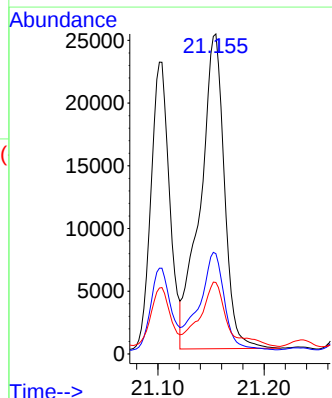
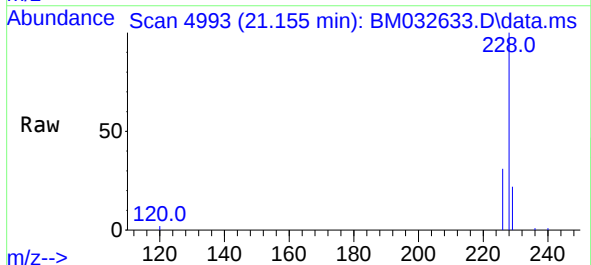
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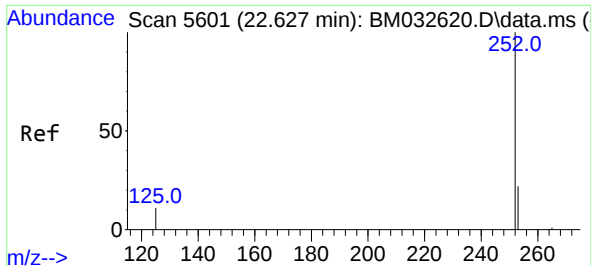
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#22
Chrysene
Concen: 0.76 ng/u1
RT: 21.155 min Scan# 4993
Delta R.T. -0.005 min
Lab File: BM032633.D
Acq: 20 Oct 2021 23:48

Tgt Ion:	228	Resp:	39702
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.1	37.7
229	22.3	15.7	23.5





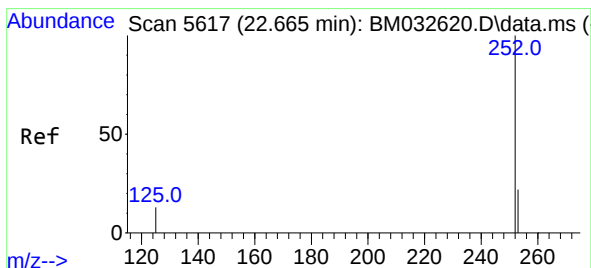
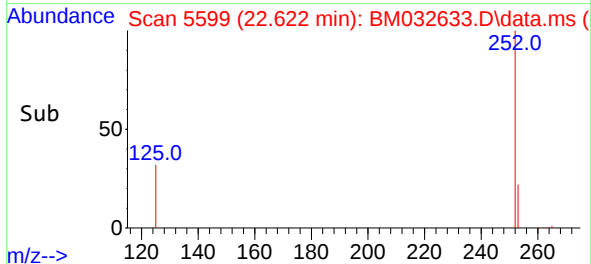
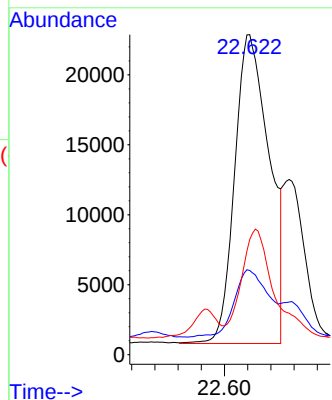
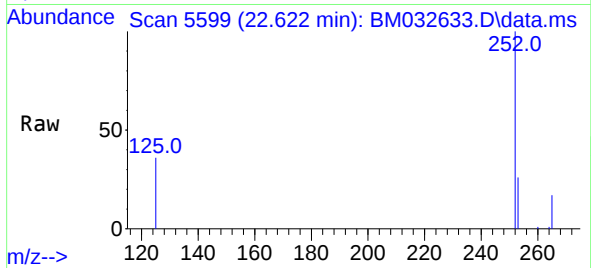
#24
Benzo(b)fluoranthene
Concen: 0.87 ng/ul m
RT: 22.622 min Scan# 5599
Delta R.T. -0.005 min
Lab File: BM032633.D
Acq: 20 Oct 2021 23:48

Tgt Ion:252 Resp: 45715
Ion Ratio Lower Upper
252 100
253 26.3 0.0 53.8
125 36.1 0.0 35.6#

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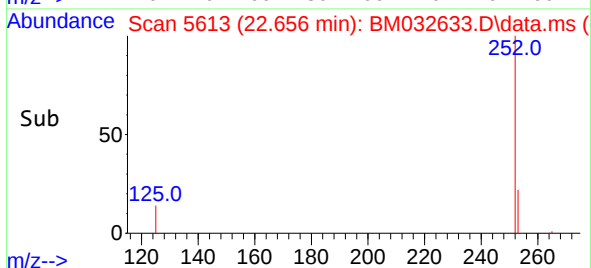
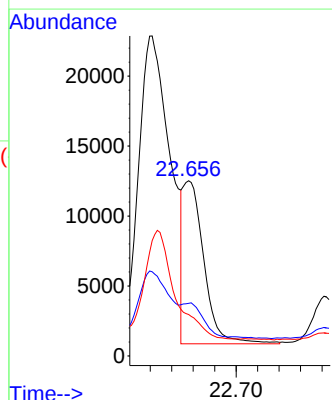
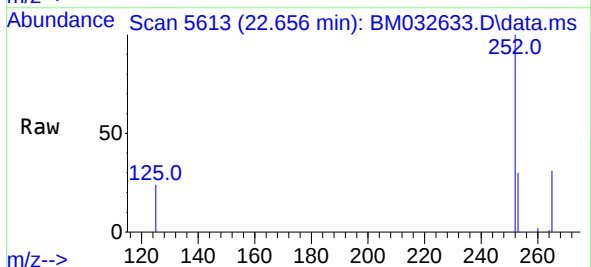
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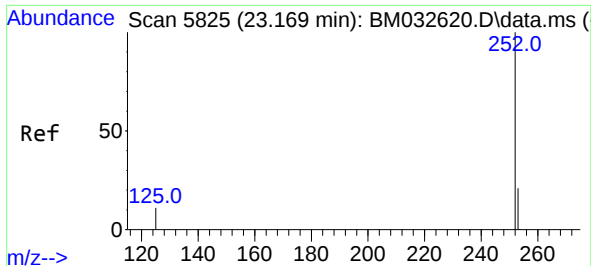
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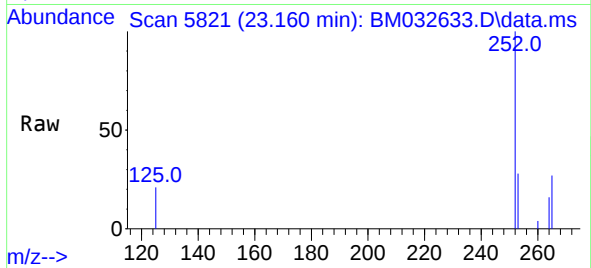
#25
Benzo(k)fluoranthene
Concen: 0.30 ng/ul m
RT: 22.656 min Scan# 5613
Delta R.T. -0.010 min
Lab File: BM032633.D
Acq: 20 Oct 2021 23:48

Tgt Ion:252 Resp: 15761
Ion Ratio Lower Upper
252 100
253 30.1 21.8 32.6
125 23.6 14.4 21.6#

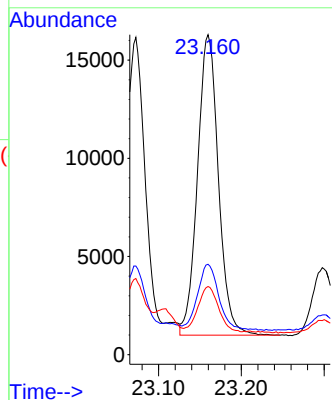




#26
Benzo(a)pyrene
Concen: 0.61 ng/u1
RT: 23.160 min Scan# 5821
Delta R.T. -0.010 min
Lab File: BM032633.D
Acq: 20 Oct 2021 23:48



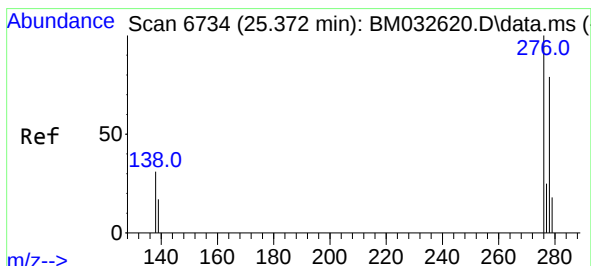
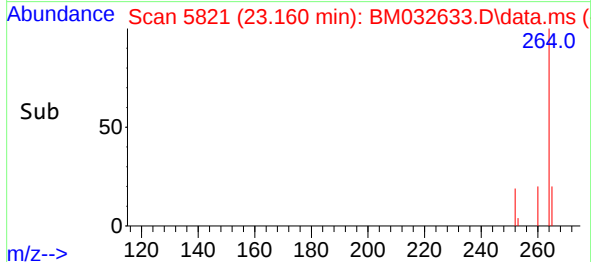
Tgt Ion:	252	Resp:	26893
Ion Ratio	Lower	Upper	
252	100		
253	28.3	23.6	35.4
125	21.3	17.1	25.7



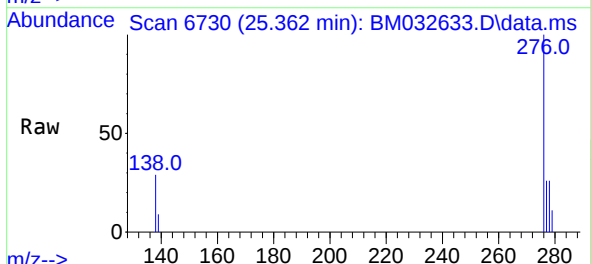
Instrument :
BNA_M
ClientSampled :
C0AC3

Manual Integrations
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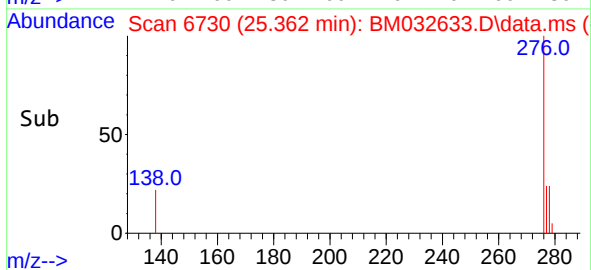
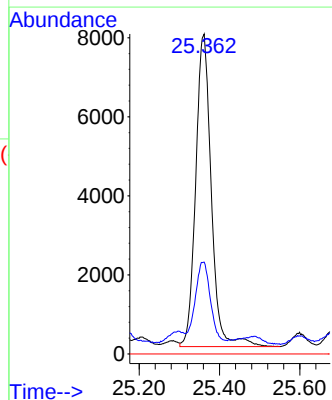
mohammad
10/21/2021 11:17:12 AM

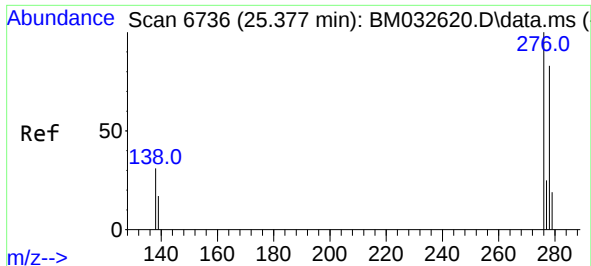


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.40 ng/u1
RT: 25.362 min Scan# 6730
Delta R.T. -0.010 min
Lab File: BM032633.D
Acq: 20 Oct 2021 23:48



Tgt Ion:	276	Resp:	21326
Ion Ratio	Lower	Upper	
276	100		
138	24.1	24.9	37.3#
227	0.0	0.0	0.0





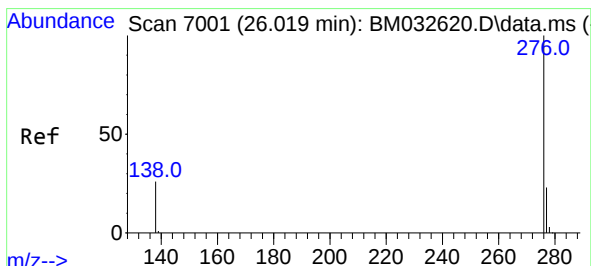
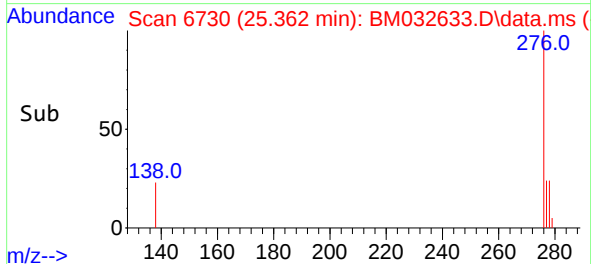
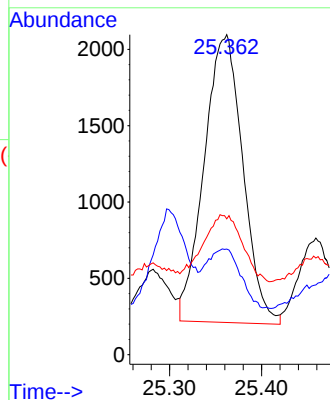
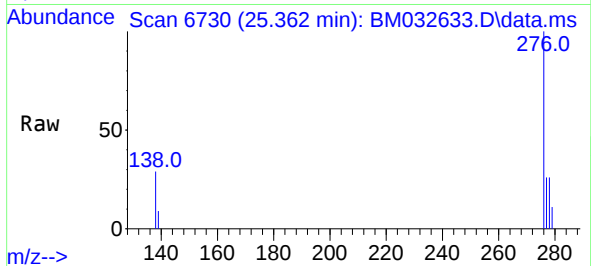
#28
Dibenzo(a,h)anthracene
Concen: 0.13 ng/ul
RT: 25.362 min Scan# 6730
Delta R.T. -0.015 min
Lab File: BM032633.D
Acq: 20 Oct 2021 23:48

Tgt Ion:278 Resp: 5500
Ion Ratio Lower Upper
278 100
139 33.0 18.6 28.0#
279 42.5 22.0 33.0#

Instrument :
BNA_M
ClientSampleId :
C0AC3

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.43 ng/ul
RT: 26.006 min Scan# 6996
Delta R.T. -0.012 min
Lab File: BM032633.D
Acq: 20 Oct 2021 23:48

Tgt Ion:276 Resp: 19994
Ion Ratio Lower Upper
276 100
138 30.4 22.6 33.8
277 25.6 19.9 29.9

