

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032540.D
 Acq On : 15 Oct 2021 23:54
 Operator : CG/JU
 Sample : M4029-11DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00R6DL

Manual Integrations
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Quant Time: Oct 18 04:10:09 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	7545	0.40	ng/ul	0.00
4) Naphthalene-d8	10.339	136	25058	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	13562	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	27631	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.123	240	19909	0.40	ng/ul	-0.01
23) Perylene-d12	23.259	264	15214	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.924	96	3220	0.38	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	772	0.02	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	1886	0.03	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.389	128	8772	0.12	ng/ul	98
7) 2-Methylnaphthalene	12.012	142	4022	0.08	ng/ul	100
8) 1-Methylnaphthalene	12.233	142	2210	0.05	ng/ul	100
10) Acenaphthylene	13.928	152	6206	0.11	ng/ul	98
11) Acenaphthene	14.274	153	1107	0.02	ng/ul	95
12) Fluorene	15.260	166	2051	0.03	ng/ul#	95
15) Phenanthrene	16.988	178	28690	0.31	ng/ul	99
16) Anthracene	17.075	178	5724	0.07	ng/ul	96
19) Fluoranthene	19.004	202	74717	0.76	ng/ul	99
20) Pyrene	19.366	202	66271	0.65	ng/ul	98
21) Benzo(a)anthracene	21.106	228	33331	0.43	ng/ul	96
22) Chrysene	21.159	228	38284	0.45	ng/ul	96
24) Benzo(b)fluoranthene	22.627	252	46191m	0.66	ng/ul	
25) Benzo(k)fluoranthene	22.663	252	15820m	0.23	ng/ul	
26) Benzo(a)pyrene	23.164	252	26055	0.44	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.360	276	17645	0.24	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.360	278	4242	0.07	ng/ul#	70
29) Benzo(g,h,i)perylene	26.004	276	15414	0.25	ng/ul	97

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

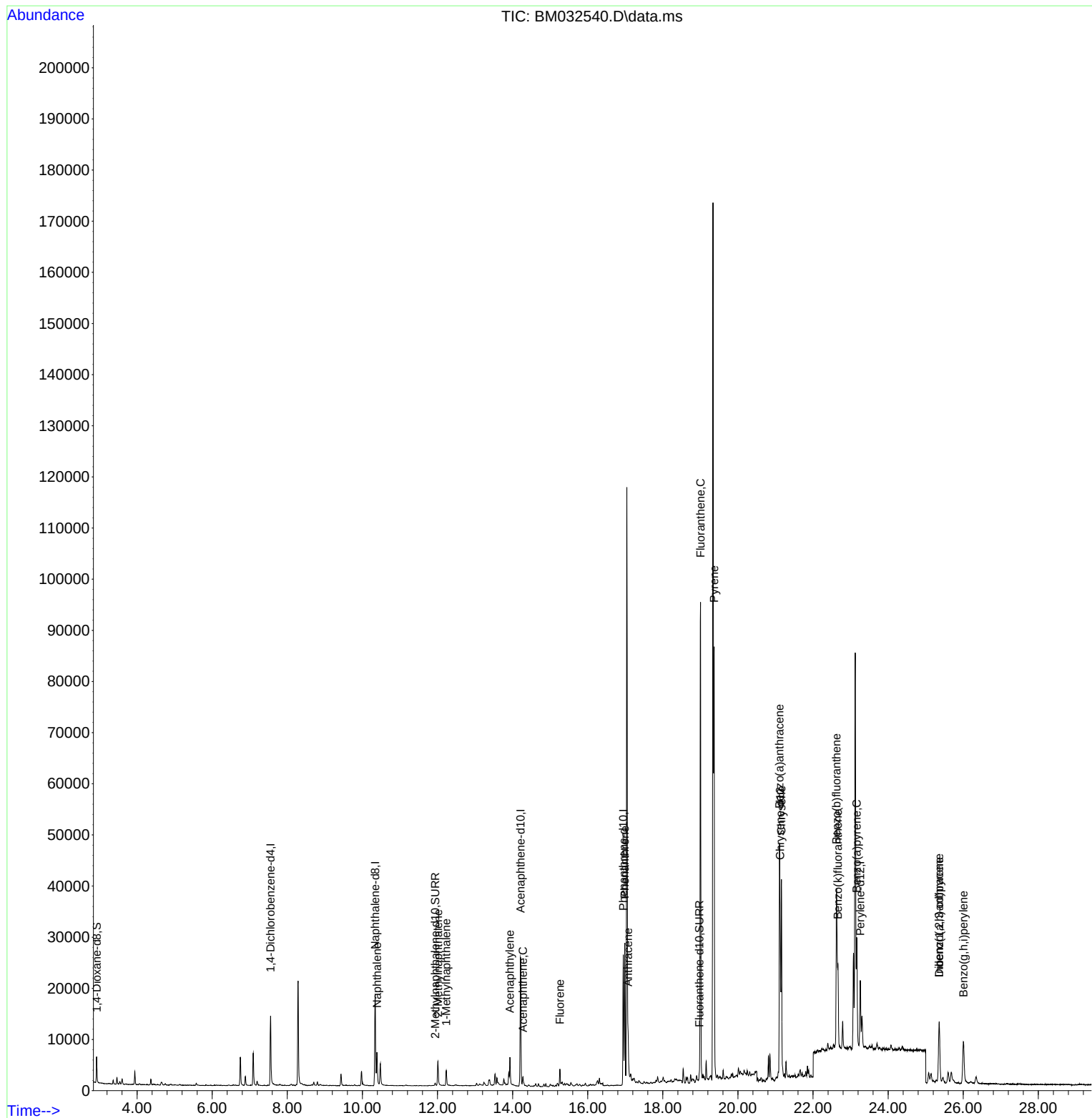
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Data File : BM032540.D
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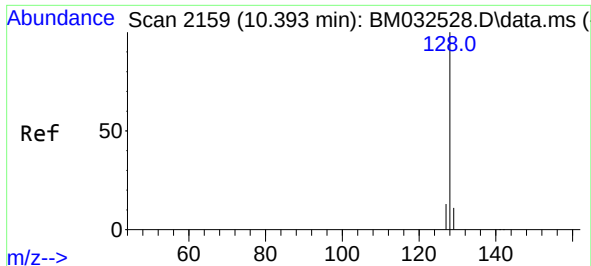
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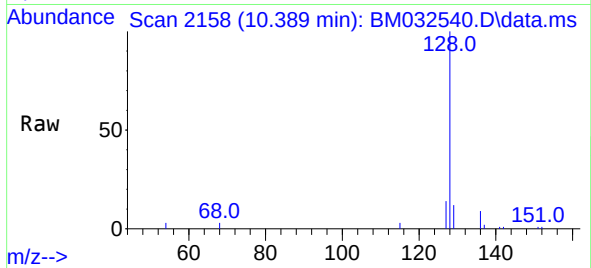
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Quant Time: Oct 18 04:10:09 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 12:37:00 2021
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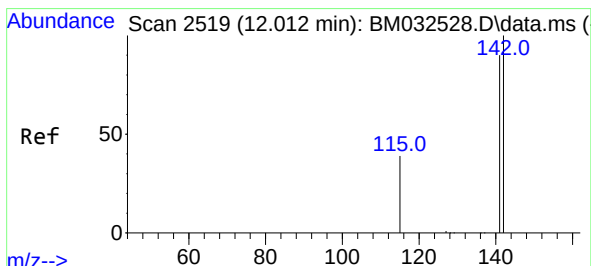
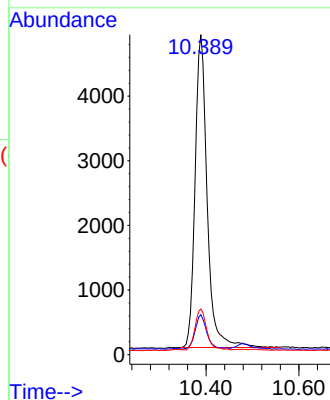
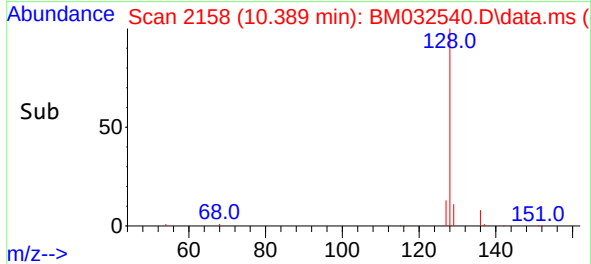




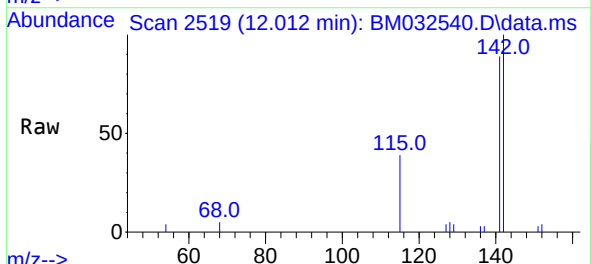
#5
Naphthalene
Concen: 0.12 ng/ul
RT: 10.389 min Scan# 2158
Delta R.T. -0.004 min
Lab File: BM032540.D
Acq: 15 Oct 2021 23:54



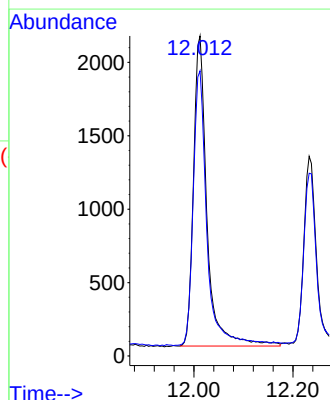
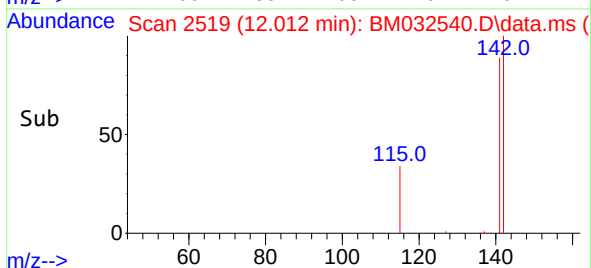
Tgt Ion:128 Resp: 8772
Ion Ratio Lower Upper
128 100
129 12.5 9.1 13.7
127 14.3 11.1 16.7



#7
2-Methylnaphthalene
Concen: 0.08 ng/ul
RT: 12.012 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BM032540.D
Acq: 15 Oct 2021 23:54



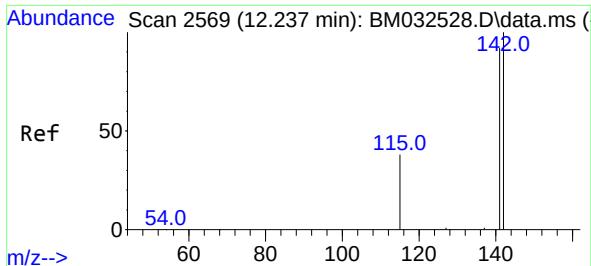
Tgt Ion:142 Resp: 4022
Ion Ratio Lower Upper
142 100
141 90.5 72.2 108.2



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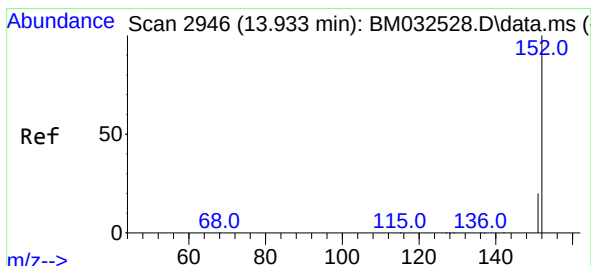
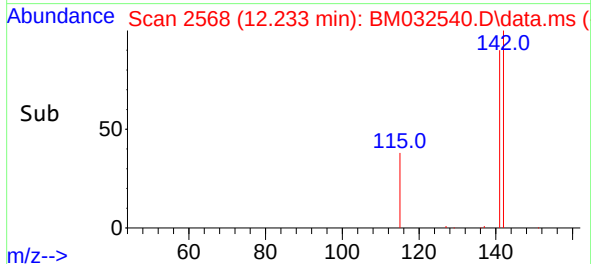
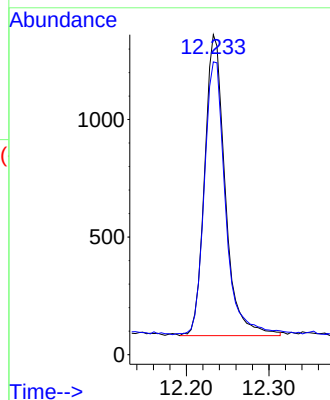
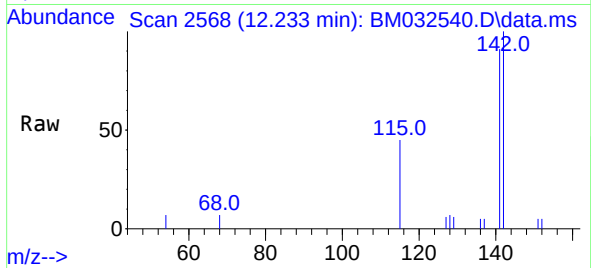
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1-Methylnaphthalene
Concen: 0.05 ng/ul
RT: 12.233 min Scan# 2568
Delta R.T. -0.004 min
Lab File: BM032540.D
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Tgt Ion:142 Resp: 2210
Ion Ratio Lower Upper
142 100
141 93.6 74.9 112.3

Instrument :
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ClientSampled :
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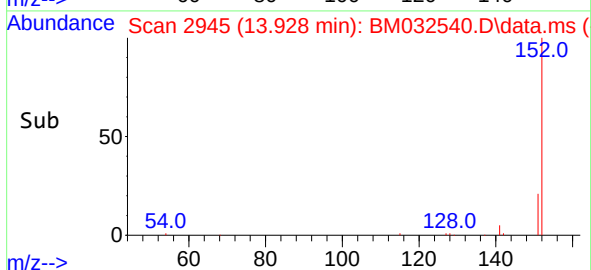
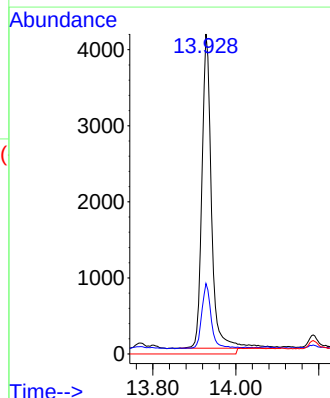
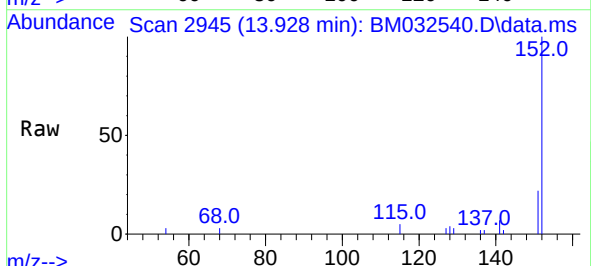
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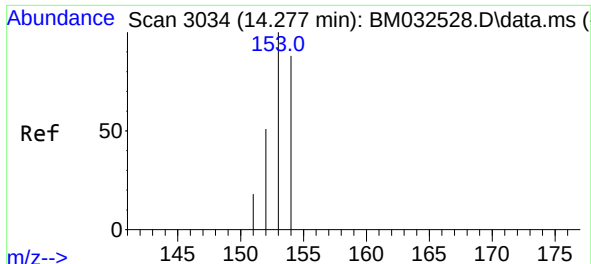
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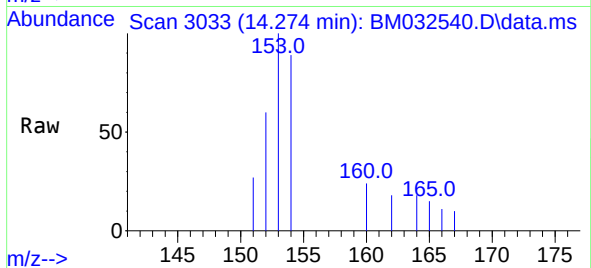
#10
Acenaphthylene
Concen: 0.11 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.004 min
Lab File: BM032540.D
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Tgt Ion:152 Resp: 6206
Ion Ratio Lower Upper
152 100
151 22.0 16.7 25.1
153 0.0 0.0 0.0

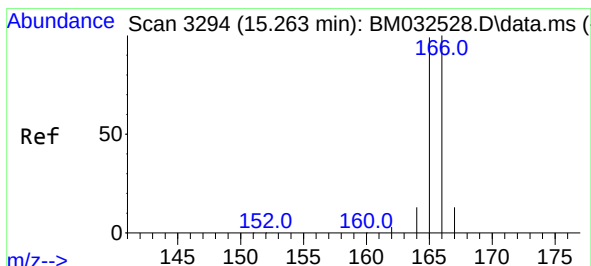
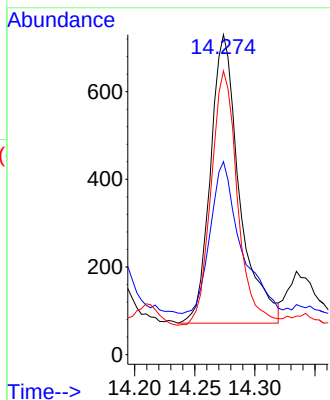
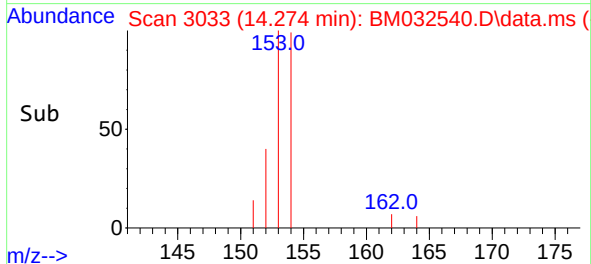




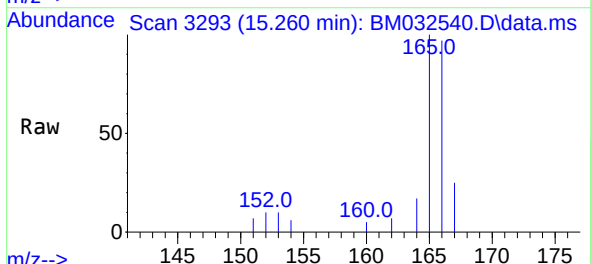
#11
Acenaphthene
Concen: 0.02 ng/ul
RT: 14.274 min Scan# 3033
Delta R.T. -0.004 min
Lab File: BM032540.D
Acq: 15 Oct 2021 23:54



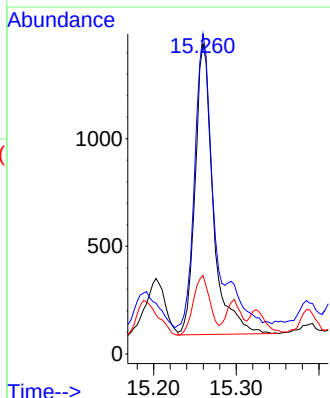
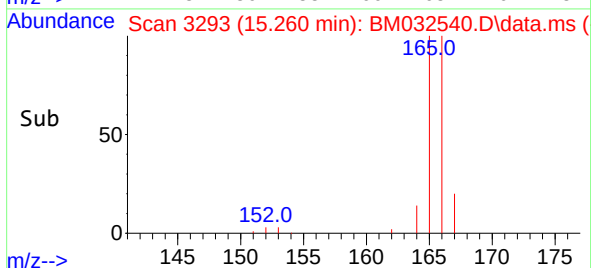
Tgt Ion:153 Resp: 1107
Ion Ratio Lower Upper
153 100
152 60.3 40.4 60.6
154 88.6 70.8 106.2



#12
Fluorene
Concen: 0.03 ng/ul
RT: 15.260 min Scan# 3293
Delta R.T. -0.004 min
Lab File: BM032540.D
Acq: 15 Oct 2021 23:54



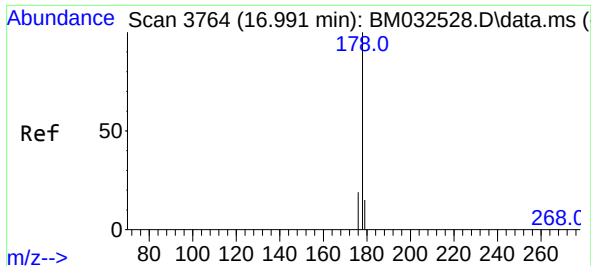
Tgt Ion:166 Resp: 2051
Ion Ratio Lower Upper
166 100
165 103.1 80.7 121.1
167 25.3 11.2 16.8#



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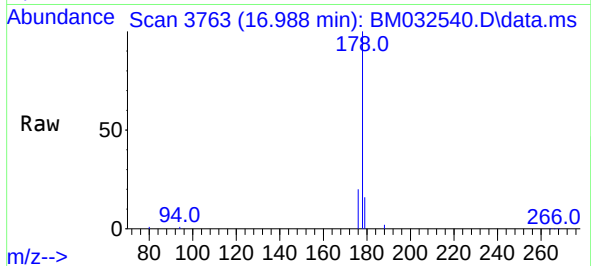
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#15
Phenanthrene
Concen: 0.31 ng/ul
RT: 16.988 min Scan# 3763
Delta R.T. -0.007 min
Lab File: BM032540.D
Acq: 15 Oct 2021 23:54

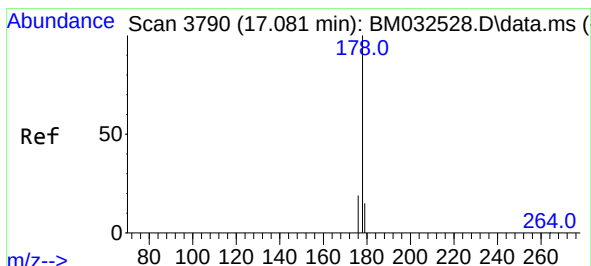
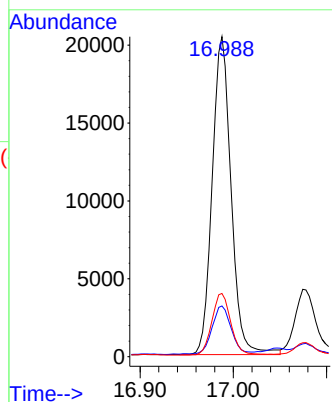
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ClientSampled :
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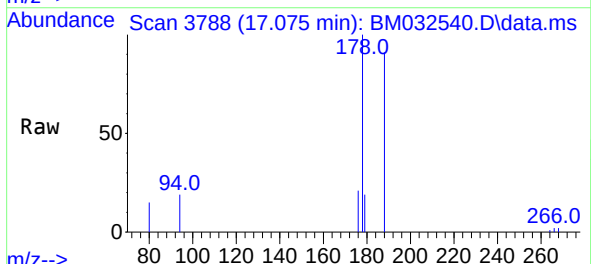
Tgt Ion:178 Resp: 28690
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.7 16.1 24.1

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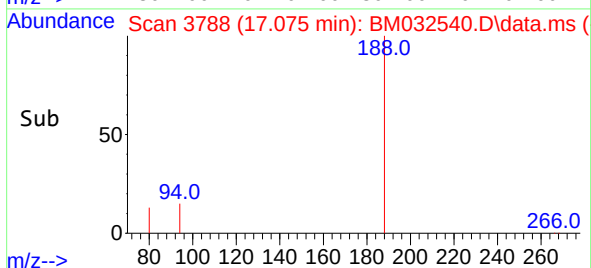
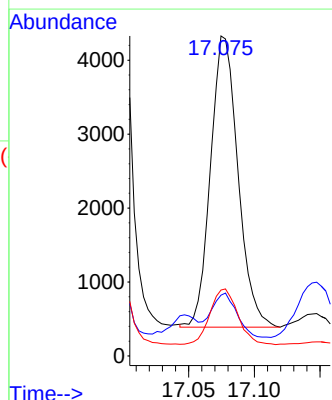
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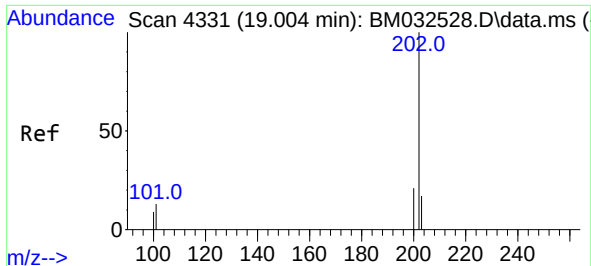


#16
Anthracene
Concen: 0.07 ng/ul
RT: 17.075 min Scan# 3788
Delta R.T. -0.010 min
Lab File: BM032540.D
Acq: 15 Oct 2021 23:54

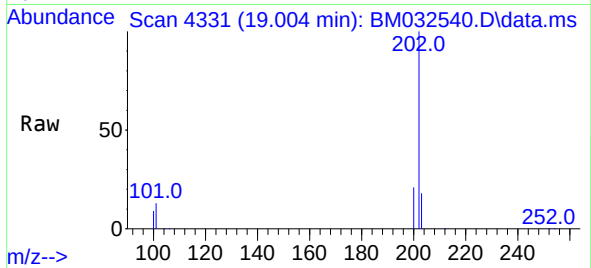


Tgt Ion:178 Resp: 5724
Ion Ratio Lower Upper
178 100
179 19.0 12.9 19.3
176 20.6 15.8 23.6

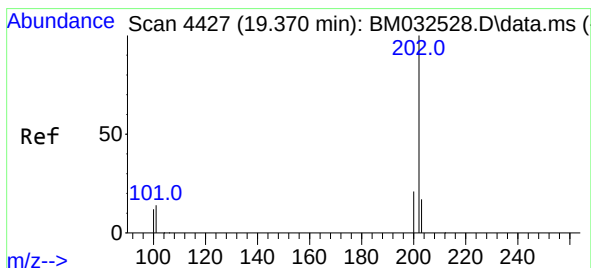
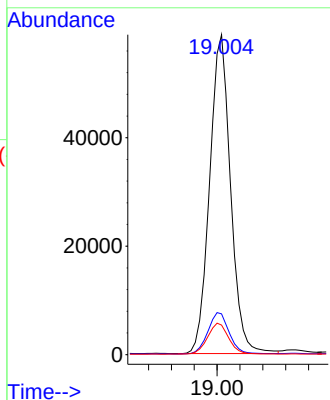
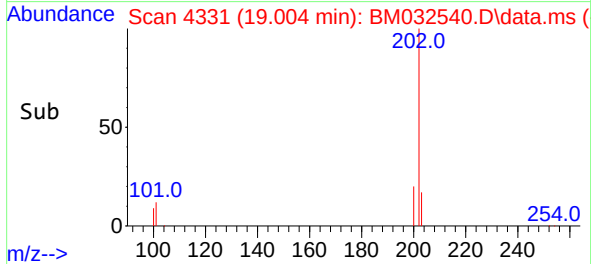




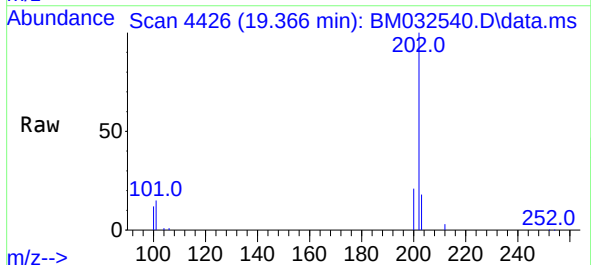
#19
Fluoranthene
Concen: 0.76 ng/ul
RT: 19.004 min Scan# 4331
Delta R.T. -0.008 min
Lab File: BM032540.D
Acq: 15 Oct 2021 23:54



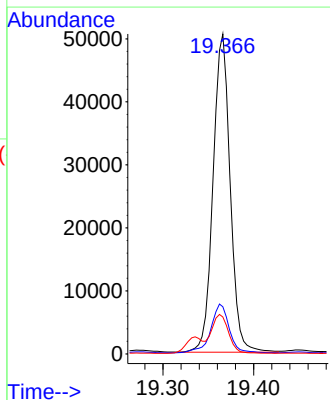
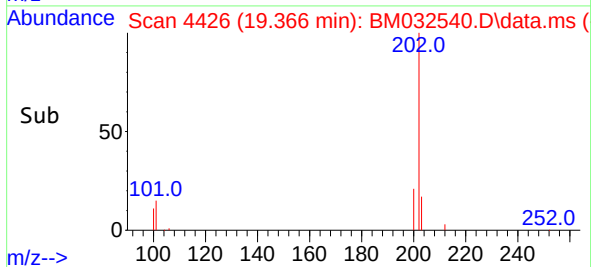
Tgt Ion:202 Resp: 74717
Ion Ratio Lower Upper
202 100
101 12.7 10.6 16.0
100 9.3 7.8 11.8



#20
Pyrene
Concen: 0.65 ng/ul
RT: 19.366 min Scan# 4426
Delta R.T. -0.008 min
Lab File: BM032540.D
Acq: 15 Oct 2021 23:54



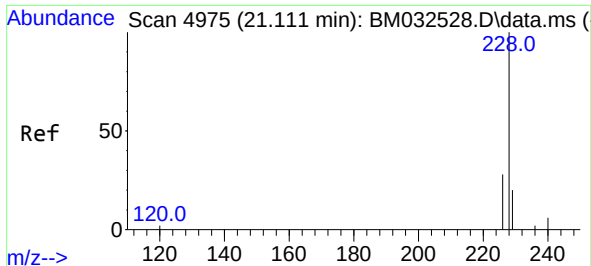
Tgt Ion:202 Resp: 66271
Ion Ratio Lower Upper
202 100
101 14.8 12.3 18.5
100 11.6 10.1 15.1



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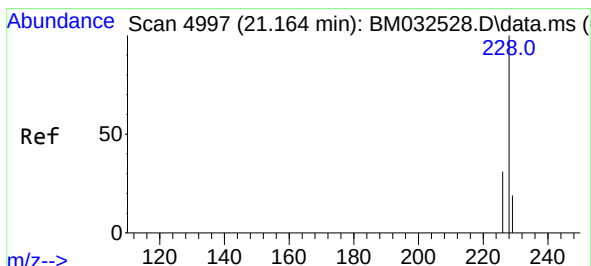
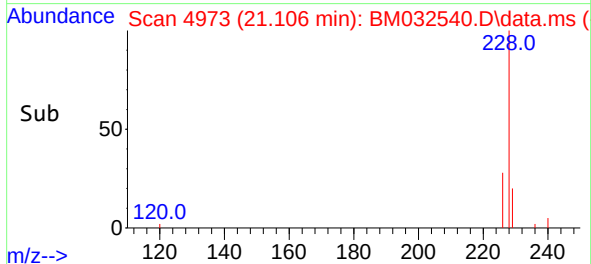
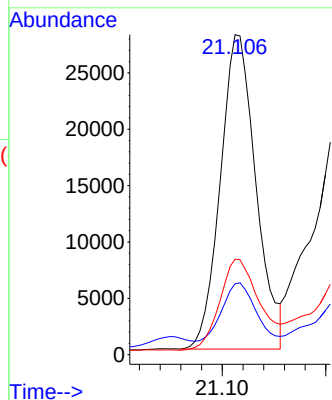
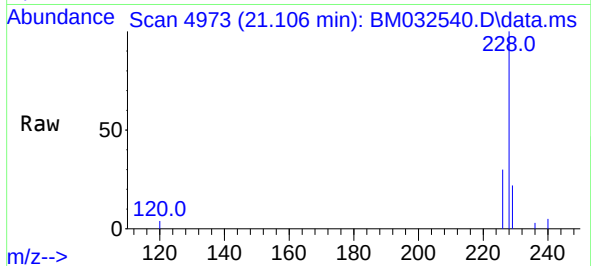
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Benzo(a)anthracene
Concen: 0.43 ng/ul
RT: 21.106 min Scan# 4973
Delta R.T. -0.014 min
Lab File: BM032540.D
Acq: 15 Oct 2021 23:54

Tgt Ion:228	Resp:	33331
Ion Ratio	Lower	Upper
228	100	
229	22.1	15.9 23.9
226	29.8	22.4 33.6

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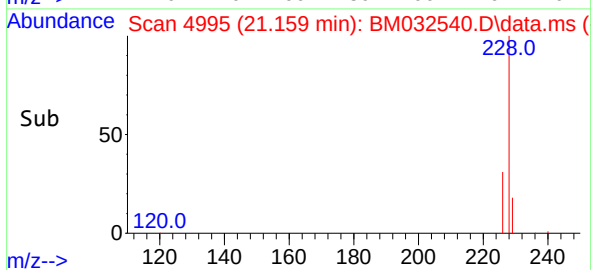
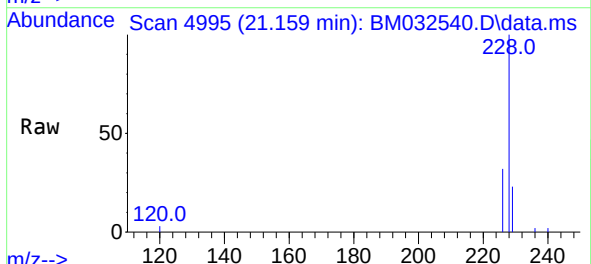
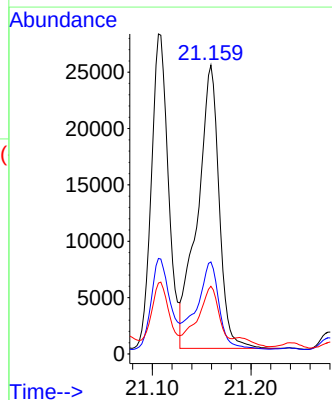
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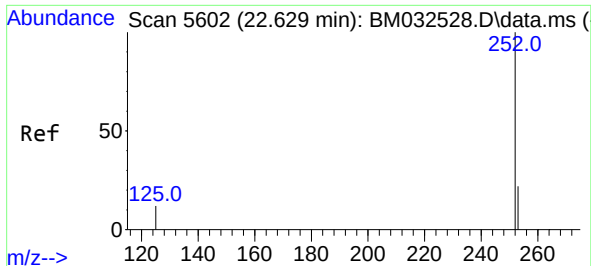
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#22
Chrysene
Concen: 0.45 ng/ul
RT: 21.159 min Scan# 4995
Delta R.T. -0.012 min
Lab File: BM032540.D
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Tgt Ion:228	Resp:	38284
Ion Ratio	Lower	Upper
228	100	
226	31.8	25.1 37.7
229	23.4	15.7 23.5





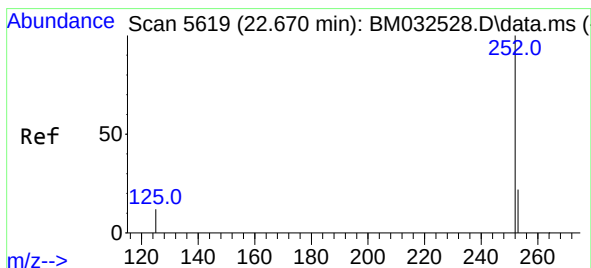
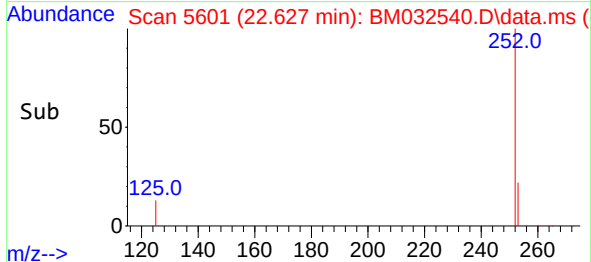
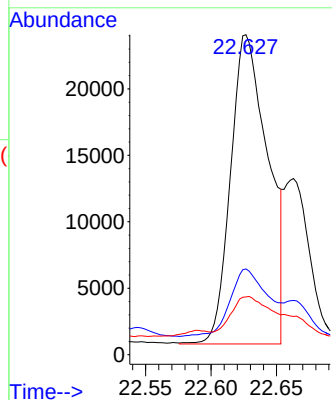
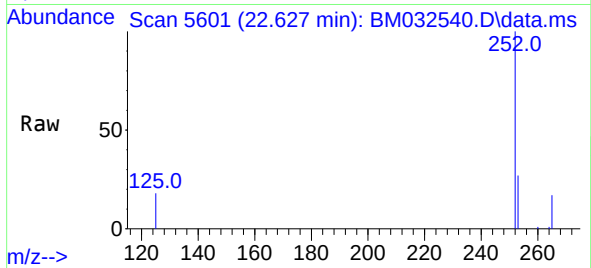
#24
Benzo(b)fluoranthene
Concen: 0.66 ng/ul m
RT: 22.627 min Scan# 5601
Delta R.T. -0.017 min
Lab File: BM032540.D
Acq: 15 Oct 2021 23:54

Tgt Ion:252	Resp:	46191
Ion Ratio	Lower	Upper
252	100	
253	26.8	0.0 53.8
125	18.1	0.0 35.6

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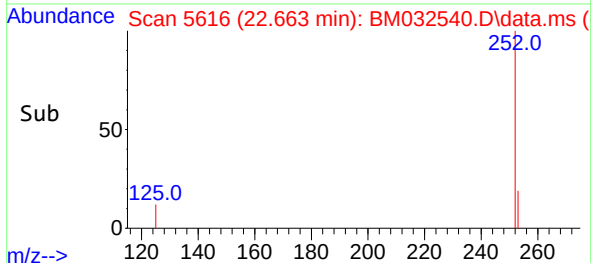
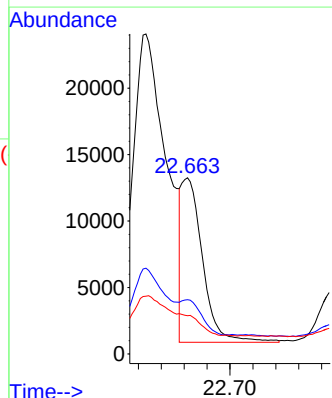
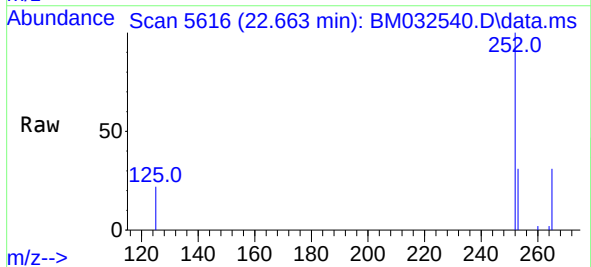
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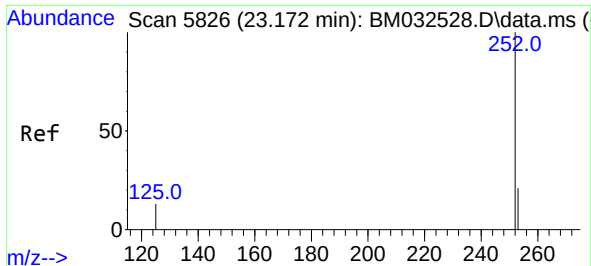
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#25
Benzo(k)fluoranthene
Concen: 0.23 ng/ul m
RT: 22.663 min Scan# 5616
Delta R.T. -0.022 min
Lab File: BM032540.D
Acq: 15 Oct 2021 23:54

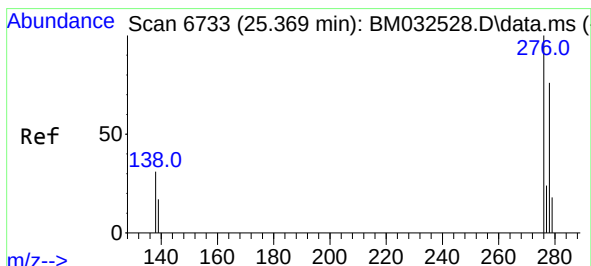
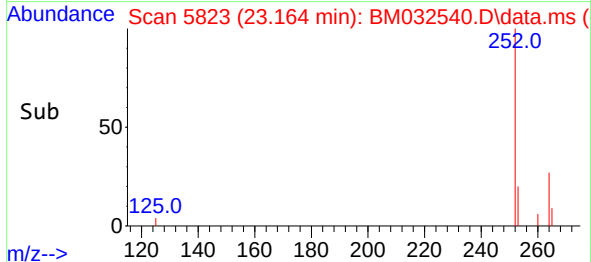
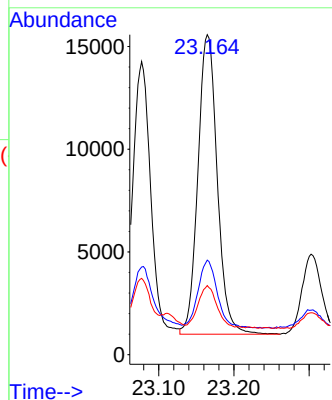
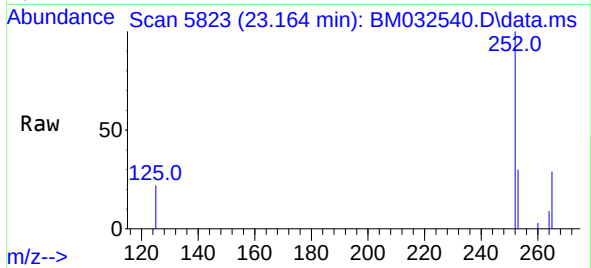
Tgt Ion:252	Resp:	15820
Ion Ratio	Lower	Upper
252	100	
253	30.8	21.8 32.6
125	21.7	14.4 21.6#





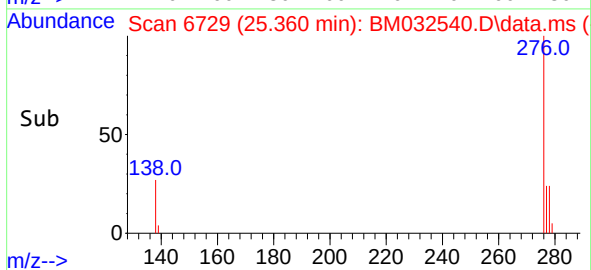
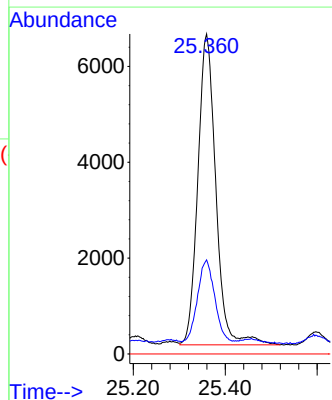
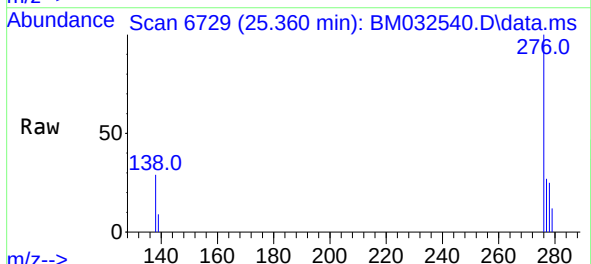
#26
Benzo(a)pyrene
Concen: 0.44 ng/u1
RT: 23.164 min Scan# 5823
Delta R.T. -0.019 min
Lab File: BM032540.D
Acq: 15 Oct 2021 23:54

Tgt Ion:	252	Resp:	26055
Ion Ratio	Lower	Upper	
252	100		
253	29.6	23.6	35.4
125	21.6	17.1	25.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.24 ng/u1
RT: 25.360 min Scan# 6729
Delta R.T. -0.027 min
Lab File: BM032540.D
Acq: 15 Oct 2021 23:54

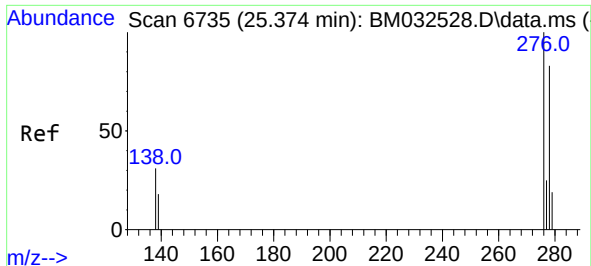
Tgt Ion:	276	Resp:	17645
Ion Ratio	Lower	Upper	
276	100		
138	25.5	24.9	37.3
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampled :
C00R6DL

Manual Integrations
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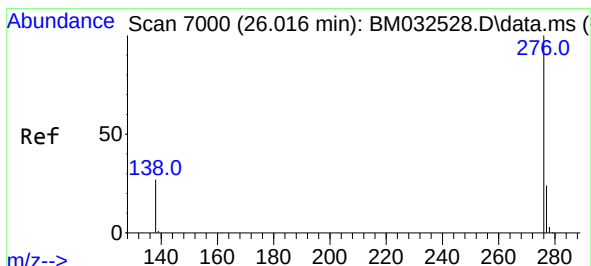
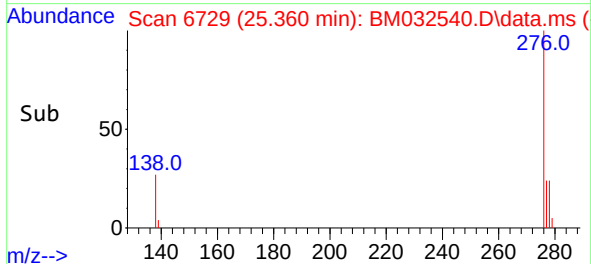
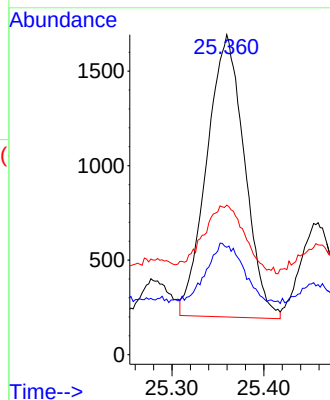
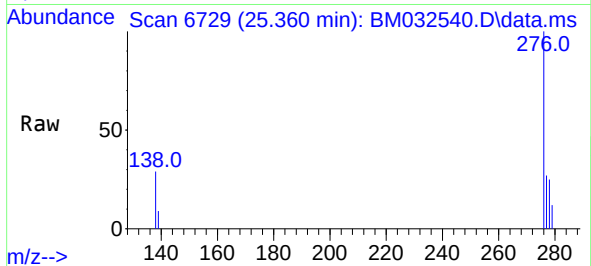
#28
Dibenzo(a,h)anthracene
Concen: 0.07 ng/ul
RT: 25.360 min Scan# 6729
Delta R.T. -0.034 min
Lab File: BM032540.D
Acq: 15 Oct 2021 23:54

Tgt Ion:278 Resp: 4242
Ion Ratio Lower Upper
278 100
139 33.5 18.6 28.0#
279 46.7 22.0 33.0#

Instrument :
BNA_M
ClientSampleId :
C00R6DL

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.25 ng/ul
RT: 26.004 min Scan# 6995
Delta R.T. -0.027 min
Lab File: BM032540.D
Acq: 15 Oct 2021 23:54

Tgt Ion:276 Resp: 15414
Ion Ratio Lower Upper
276 100
138 29.6 22.6 33.8
277 26.7 19.9 29.9

