

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031530.D
 Acq On : 07 Aug 2021 00:03
 Operator : CG/JU
 Sample : M3124-02
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0085

Manual Integrations
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Quant Time: Aug 07 04:12:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 07 03:01:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	1282	0.400	ng/ul	0.00
4) Naphthalene-d8	10.346	136	4619	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.216	164	2806	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.967	188	5303	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.158	240	4336	0.400	ng/ul	# 0.00
23) Perylene-d12	23.316	264	4220	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	3961	2.782	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.938	152	1713	0.220	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	3414	0.236	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.396	128	5415	0.394	ng/ul	99
7) 2-Methylnaphthalene	12.015	142	4723	0.502	ng/ul	98
8) 1-Methylnaphthalene	12.235	142	2820	0.304	ng/ul	99
10) Acenaphthylene	13.940	152	5558	0.465	ng/ul	99
11) Acenaphthene	14.280	153	991	0.099	ng/ul	96
12) Fluorene	15.270	166	1752	0.151	ng/ul#	96
15) Phenanthrene	17.006	178	44005	2.613	ng/ul	97
16) Anthracene	17.099	178	8292	0.526	ng/ul	99
19) Fluoranthene	19.027	202	136821	7.390	ng/ul	97
20) Pyrene	19.393	202	80348	4.279	ng/ul	98
21) Benzo(a)anthracene	21.142	228	55999	3.198	ng/ul	97
22) Chrysene	21.195	228	69114	3.815	ng/ul	97
24) Benzo(b)fluoranthene	22.677	252	96934m	5.098	ng/ul	
25) Benzo(k)fluoranthene	22.715	252	33180m	1.689	ng/ul	
26) Benzo(a)pyrene	23.222	252	27145	1.630	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.446	276	28900	1.343	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.458	278	10545	0.608	ng/ul#	94
29) Benzo(g,h,i)perylene	26.100	276	1723	0.094	ng/ul#	55

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

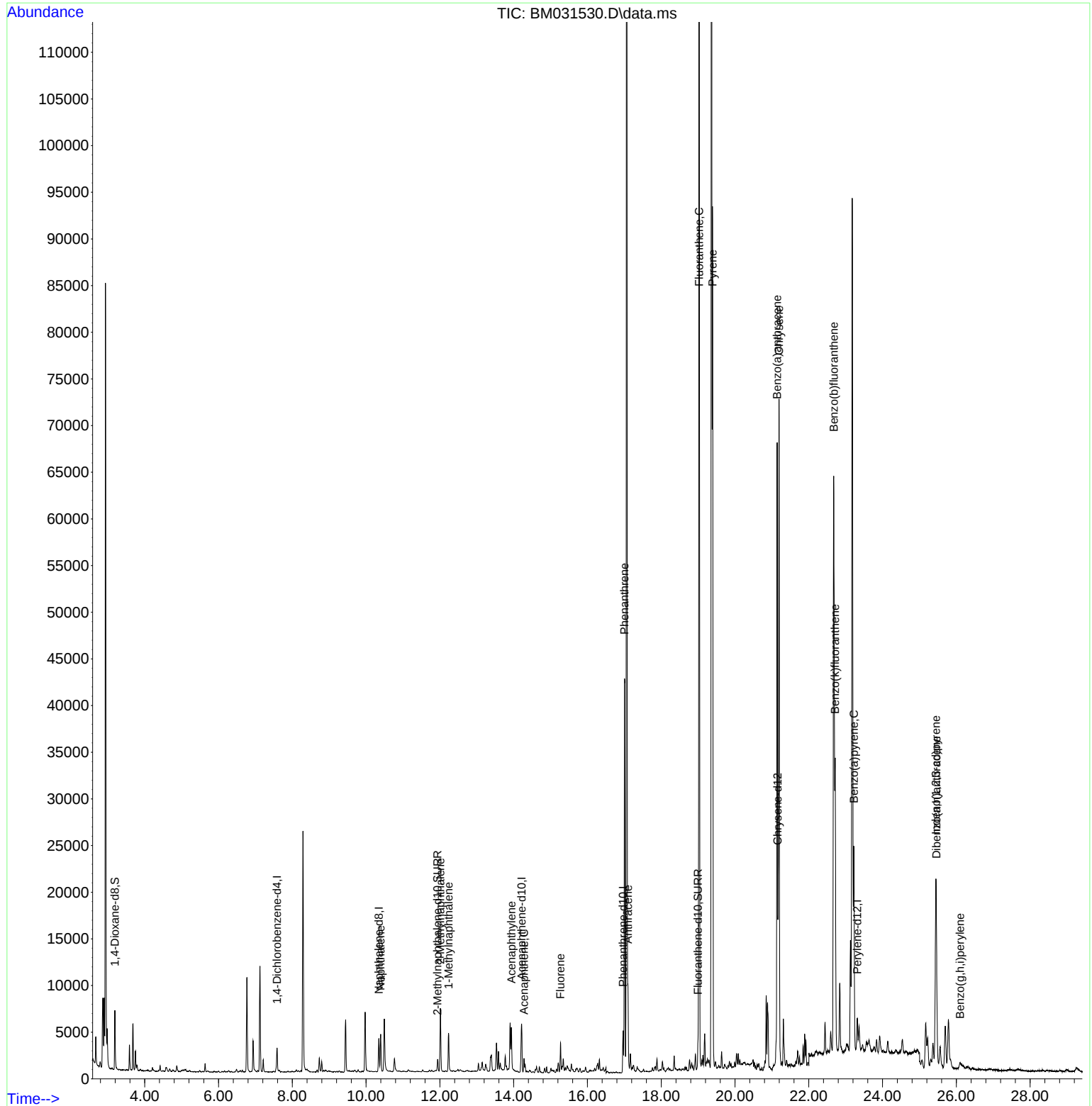
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
Data File : BM031530.D
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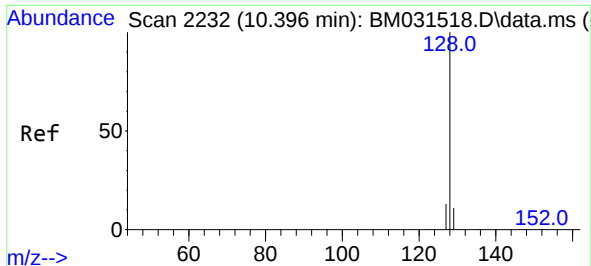
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 07 03:01:15 2021
Response via : Initial Calibration





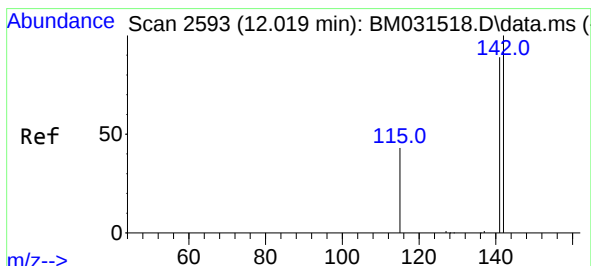
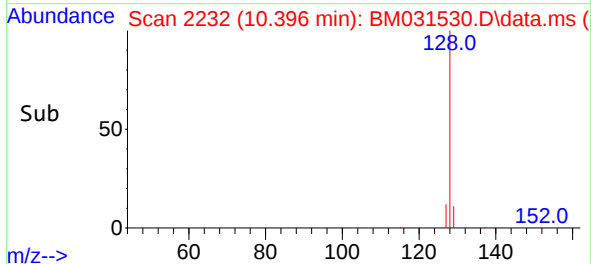
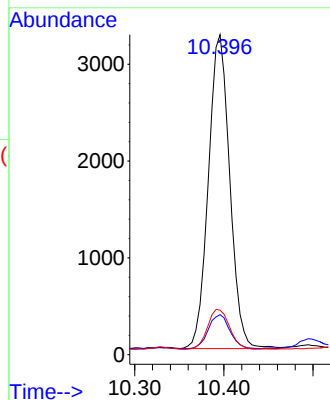
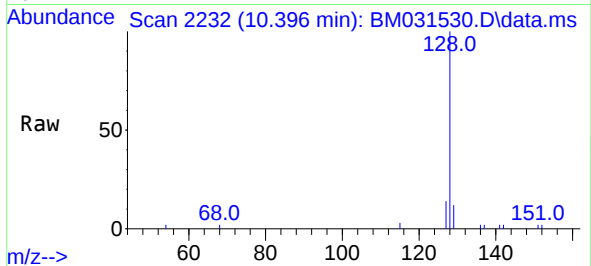
#5
Naphthalene
Concen: 0.394 ng/ul
RT: 10.396 min Scan# 2232
Delta R.T. -0.000 min
Lab File: BM031530.D
Acq: 07 Aug 2021 00:03

Tgt Ion:	128	Resp:	5415
Ion Ratio	Lower	Upper	
128	100		
129	12.5	10.0	15.0
127	13.9	11.6	17.4

Instrument :
BNA_M
ClientSampled :
C0085

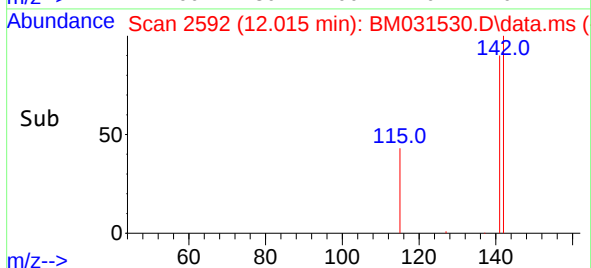
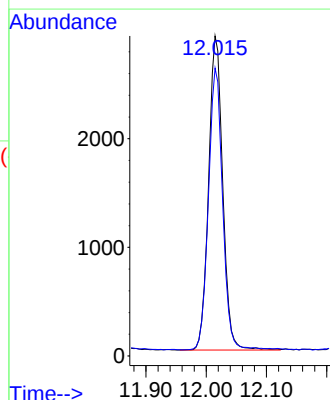
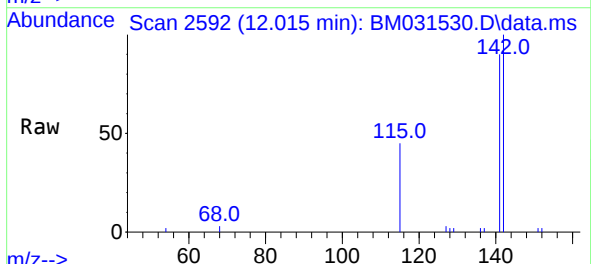
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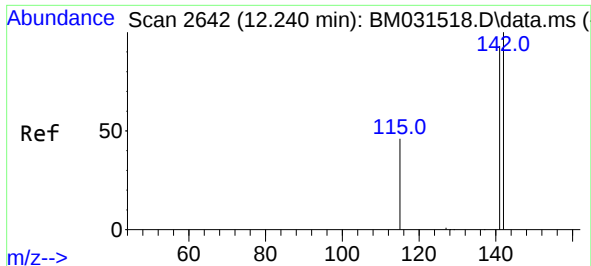
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#7
2-Methylnaphthalene
Concen: 0.502 ng/ul
RT: 12.015 min Scan# 2592
Delta R.T. -0.005 min
Lab File: BM031530.D
Acq: 07 Aug 2021 00:03

Tgt Ion:	142	Resp:	4723
Ion Ratio	Lower	Upper	
142	100		
141	90.7	71.4	107.0





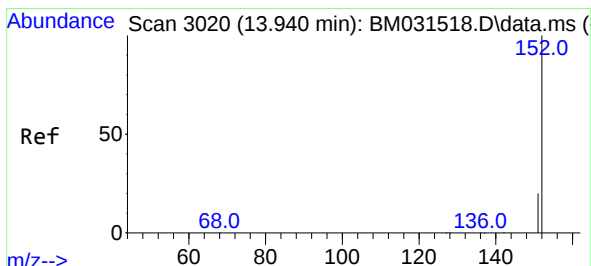
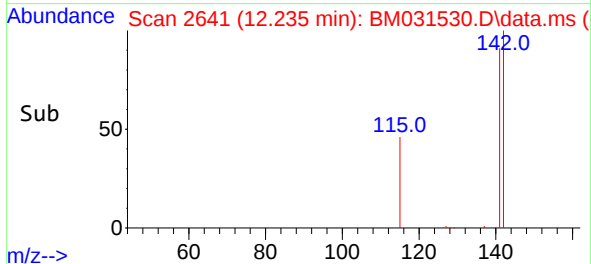
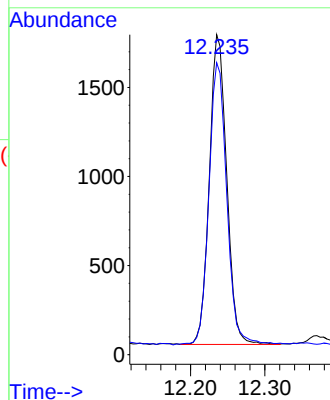
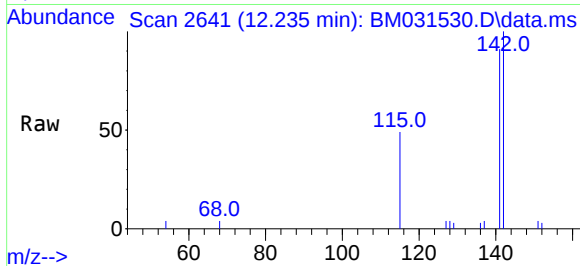
#8
1-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.235 min Scan# 2641
Delta R.T. -0.005 min
Lab File: BM031530.D
Acq: 07 Aug 2021 00:03

Tgt Ion:142 Resp: 2820
Ion Ratio Lower Upper
142 100
141 93.8 74.1 111.1

Instrument :
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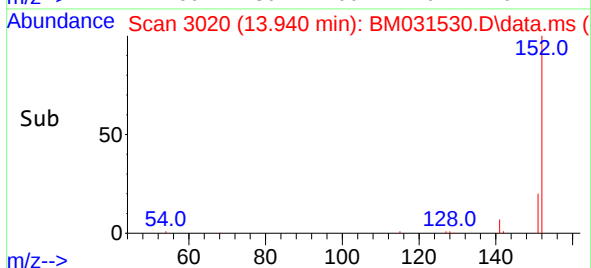
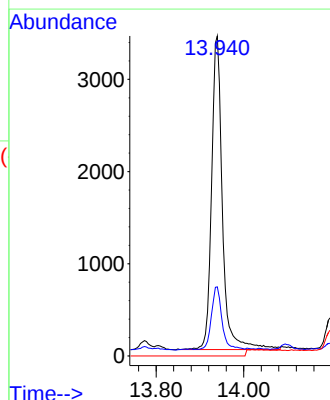
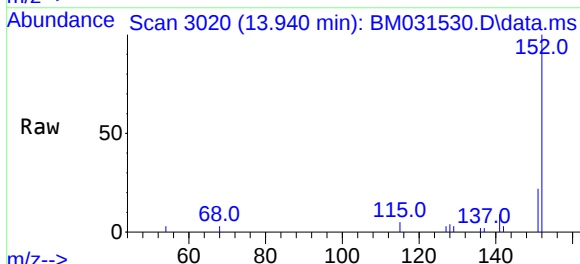
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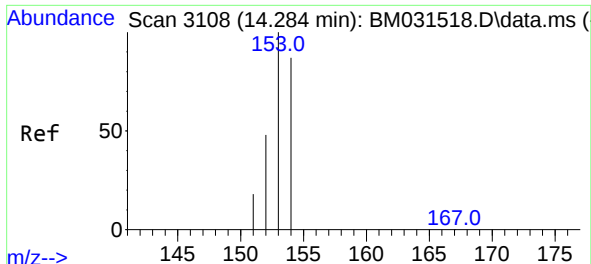
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#10
Acenaphthylene
Concen: 0.465 ng/ul
RT: 13.940 min Scan# 3020
Delta R.T. -0.000 min
Lab File: BM031530.D
Acq: 07 Aug 2021 00:03

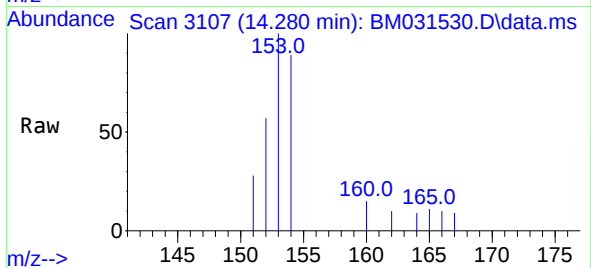
Tgt Ion:152 Resp: 5558
Ion Ratio Lower Upper
152 100
151 21.6 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.099 ng/ul
RT: 14.280 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM031530.D
Acq: 07 Aug 2021 00:03

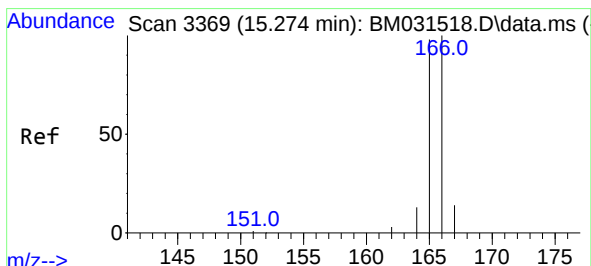
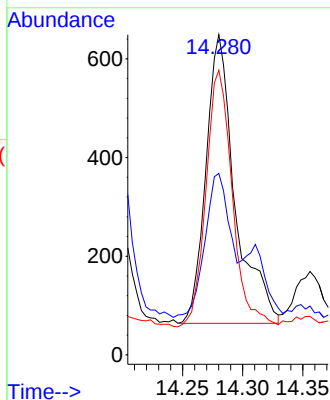
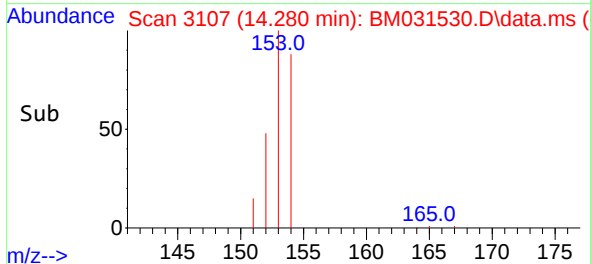
Instrument :
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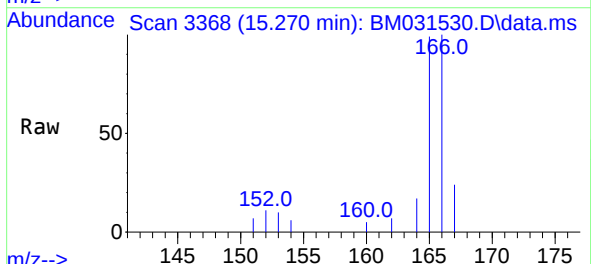
Tgt Ion:	153	Resp:	991
Ion	Ratio	Lower	Upper
153	100		
152	56.7	40.7	61.1
154	88.9	70.2	105.2

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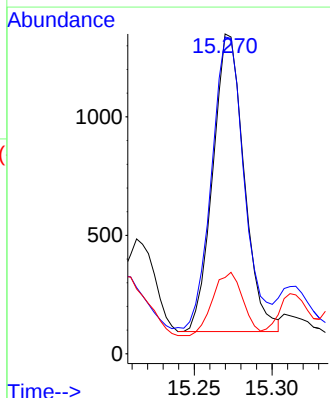
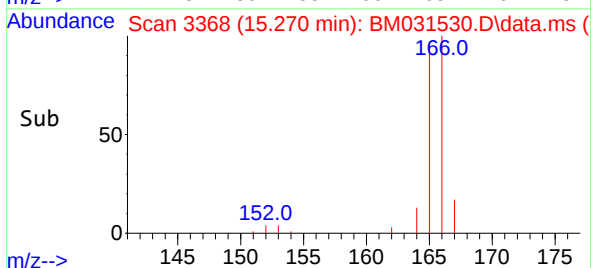
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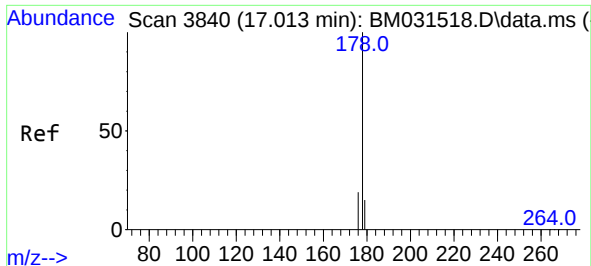


#12
Fluorene
Concen: 0.151 ng/ul
RT: 15.270 min Scan# 3368
Delta R.T. -0.004 min
Lab File: BM031530.D
Acq: 07 Aug 2021 00:03

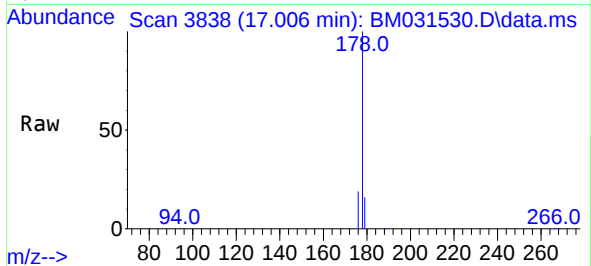


Tgt Ion:	166	Resp:	1752
Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.0	117.0
167	23.9	12.0	18.0

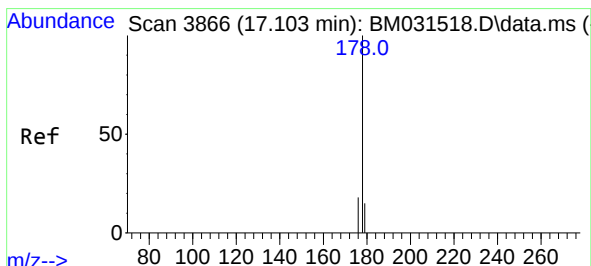
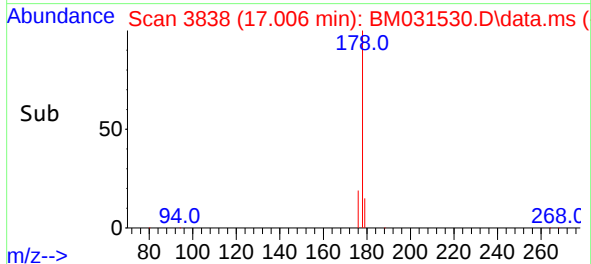
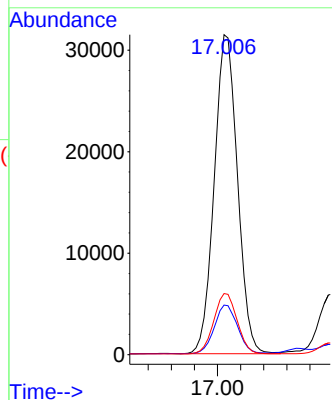




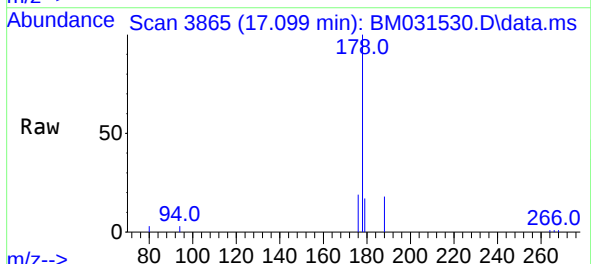
#15
Phenanthrene
Concen: 2.613 ng/u1
RT: 17.006 min Scan# 3838
Delta R.T. -0.007 min
Lab File: BM031530.D
Acq: 07 Aug 2021 00:03



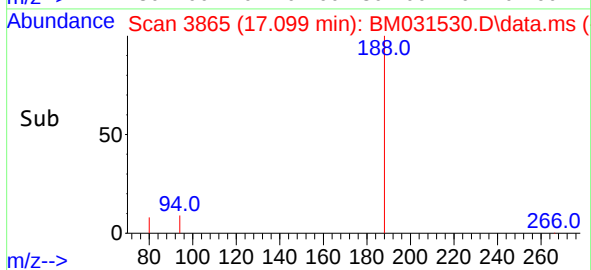
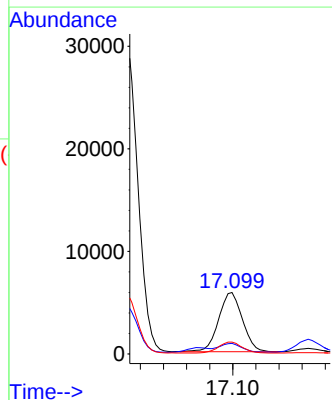
Tgt Ion:178 Resp: 44005
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.1 16.2 24.4



#16
Anthracene
Concen: 0.526 ng/u1
RT: 17.099 min Scan# 3865
Delta R.T. -0.004 min
Lab File: BM031530.D
Acq: 07 Aug 2021 00:03



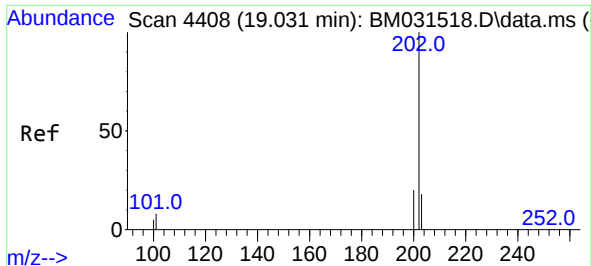
Tgt Ion:178 Resp: 8292
Ion Ratio Lower Upper
178 100
179 17.1 13.0 19.6
176 19.3 15.6 23.4



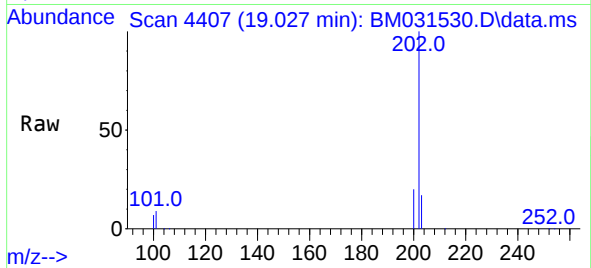
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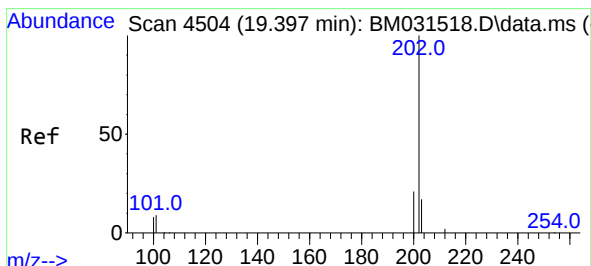
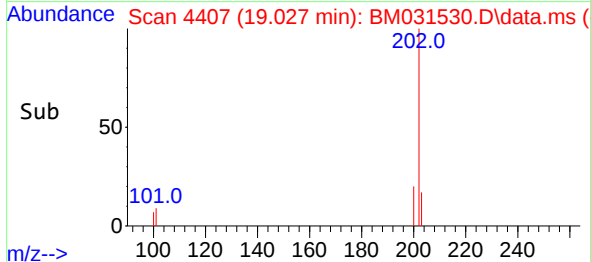
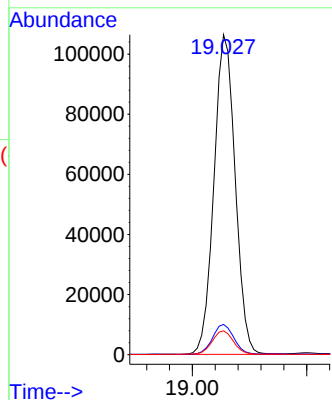
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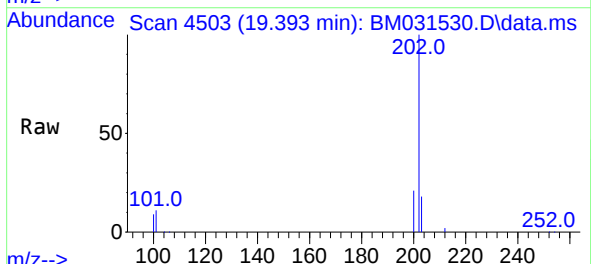
#19
Fluoranthene
Concen: 7.390 ng/u1
RT: 19.027 min Scan# 4407
Delta R.T. -0.004 min
Lab File: BM031530.D
Acq: 07 Aug 2021 00:03



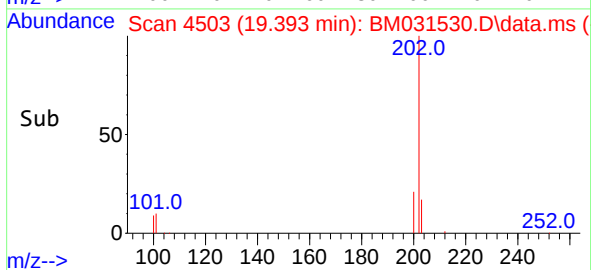
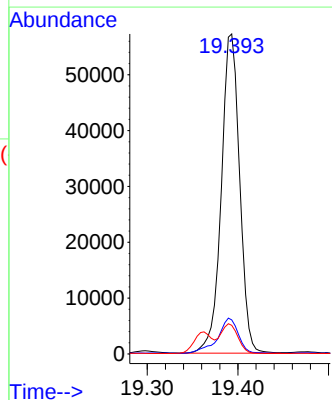
Tgt Ion:202 Resp: 136821
Ion Ratio Lower Upper
202 100
101 9.5 6.6 10.0
100 7.5 5.4 8.0



#20
Pyrene
Concen: 4.279 ng/u1
RT: 19.393 min Scan# 4503
Delta R.T. -0.004 min
Lab File: BM031530.D
Acq: 07 Aug 2021 00:03



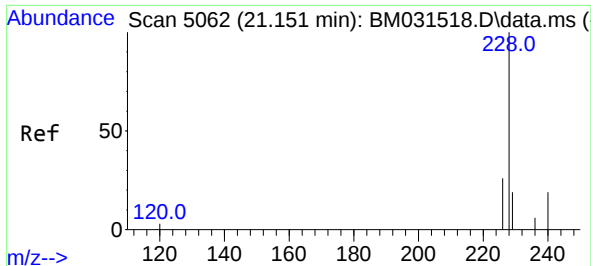
Tgt Ion:202 Resp: 80348
Ion Ratio Lower Upper
202 100
101 10.7 7.8 11.6
100 9.0 6.6 10.0



Instrument :
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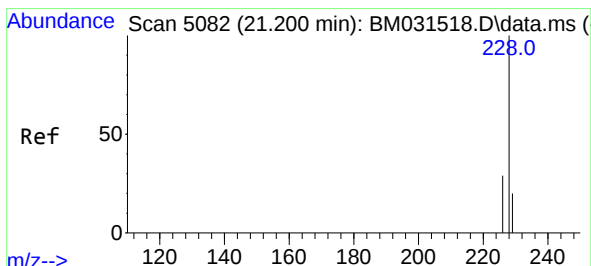
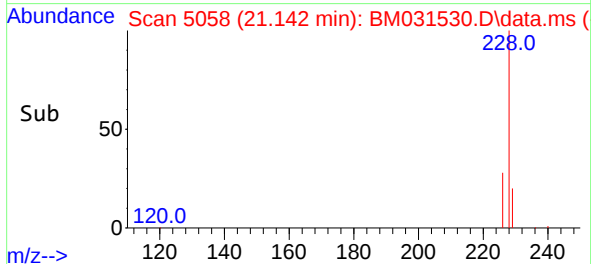
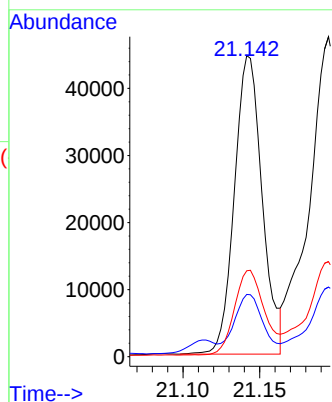
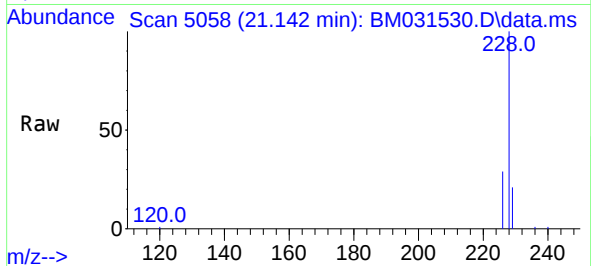
#21
Benzo(a)anthracene
Concen: 3.198 ng/ul
RT: 21.142 min Scan# 5058
Delta R.T. -0.010 min
Lab File: BM031530.D
Acq: 07 Aug 2021 00:03

Tgt Ion:228	Resp:	55999
Ion Ratio	Lower	Upper
228	100	
229	20.7	15.6 23.4
226	28.5	21.7 32.5

Instrument :
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ClientSampled :
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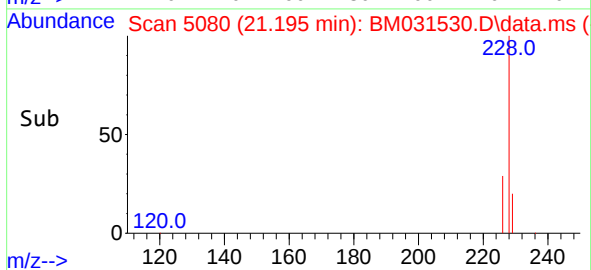
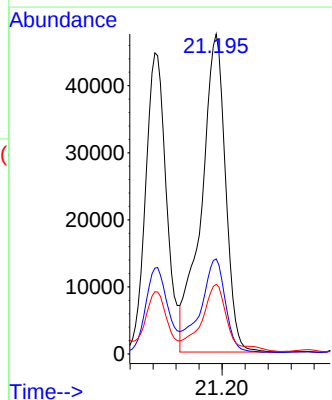
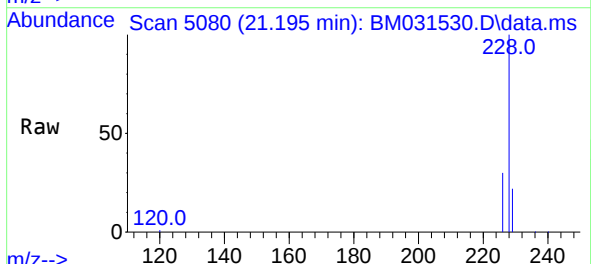
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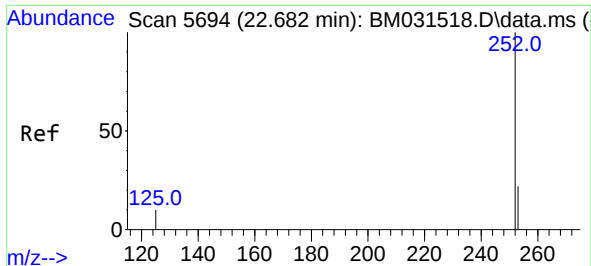
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#22
Chrysene
Concen: 3.815 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. -0.005 min
Lab File: BM031530.D
Acq: 07 Aug 2021 00:03

Tgt Ion:228	Resp:	69114
Ion Ratio	Lower	Upper
228	100	
226	29.7	24.7 37.1
229	21.8	16.2 24.2





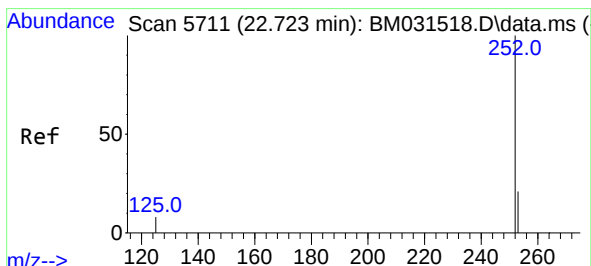
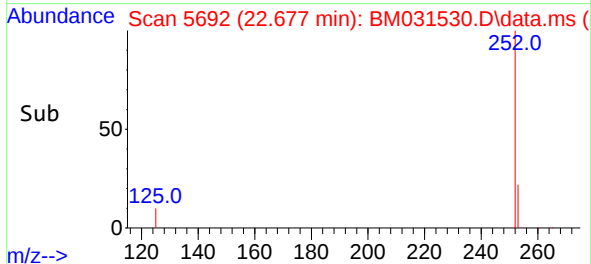
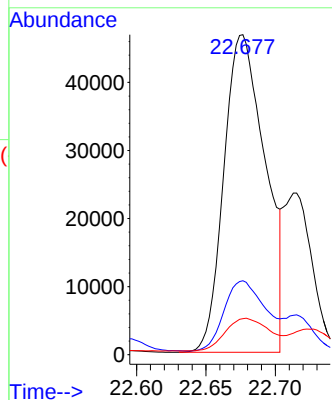
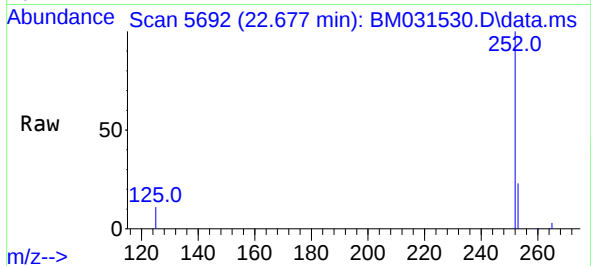
#24
Benzo(b)fluoranthene
Concen: 5.098 ng/ul m
RT: 22.677 min Scan# 5692
Delta R.T. -0.005 min
Lab File: BM031530.D
Acq: 07 Aug 2021 00:03

Tgt Ion:	252	Resp:	96934
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	53.0
125	11.2	0.0	22.8

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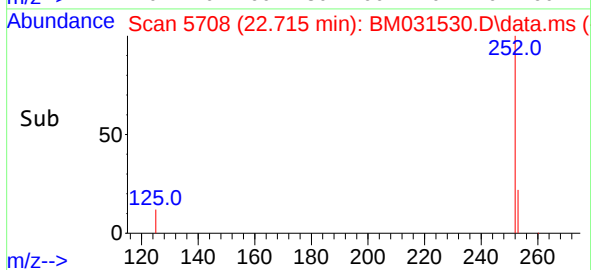
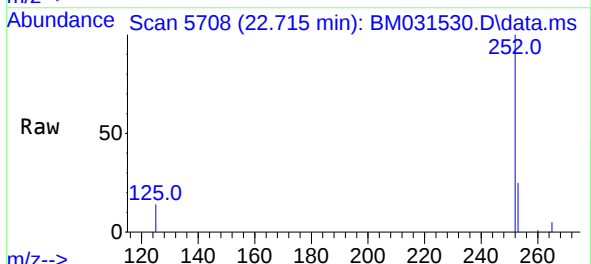
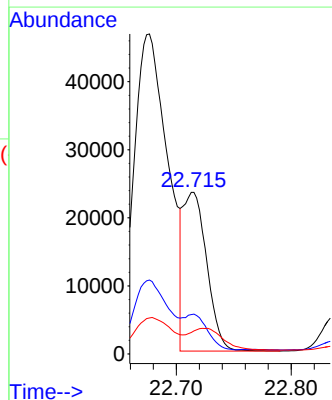
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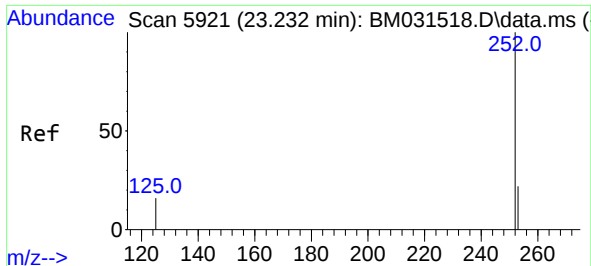
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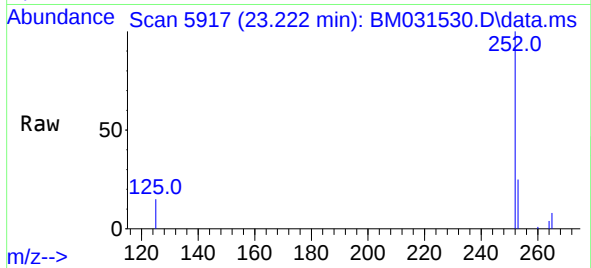
#25
Benzo(k)fluoranthene
Concen: 1.689 ng/ul m
RT: 22.715 min Scan# 5708
Delta R.T. -0.007 min
Lab File: BM031530.D
Acq: 07 Aug 2021 00:03

Tgt Ion:	252	Resp:	33180
Ion Ratio	Lower	Upper	
252	100		
253	24.7	21.3	31.9
125	14.3	8.8	13.2

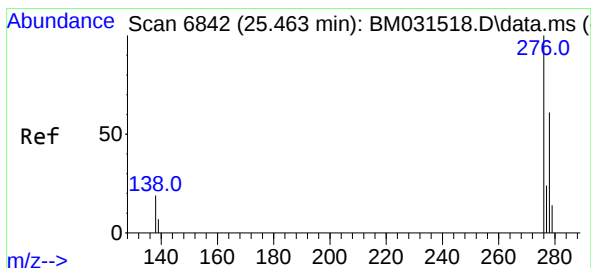
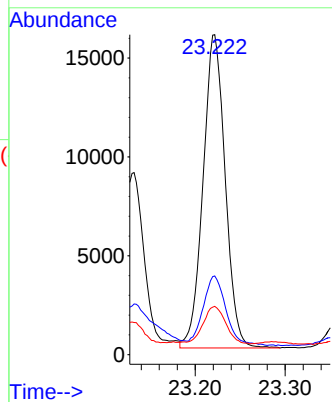
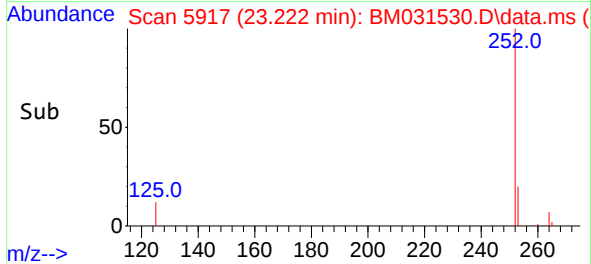




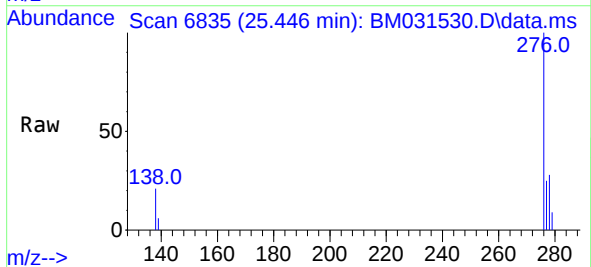
#26
Benzo(a)pyrene
Concen: 1.630 ng/ul
RT: 23.222 min Scan# 5917
Delta R.T. -0.010 min
Lab File: BM031530.D
Acq: 07 Aug 2021 00:03



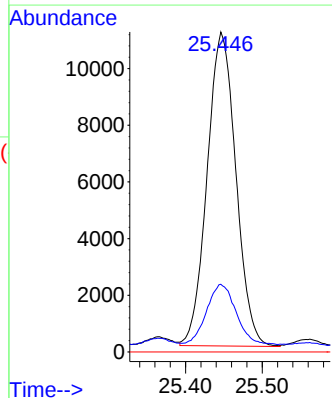
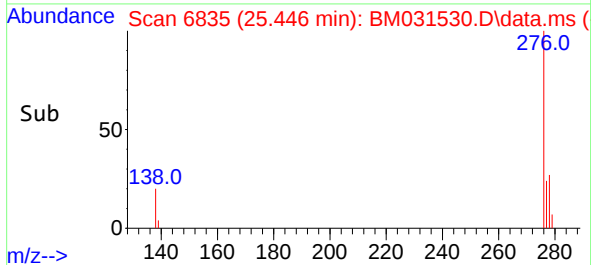
Tgt Ion:252 Resp: 27145
Ion Ratio Lower Upper
252 100
253 24.6 22.4 33.6
125 15.1 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.343 ng/ul
RT: 25.446 min Scan# 6835
Delta R.T. -0.017 min
Lab File: BM031530.D
Acq: 07 Aug 2021 00:03



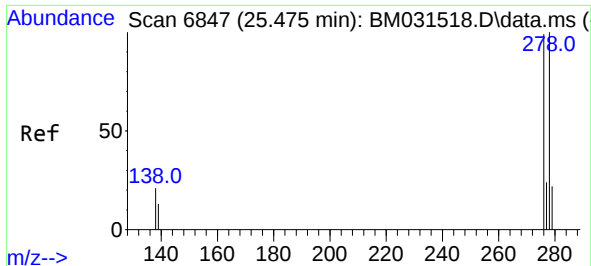
Tgt Ion:276 Resp: 28900
Ion Ratio Lower Upper
276 100
138 20.9 15.8 23.8
227 0.0 0.0 0.0



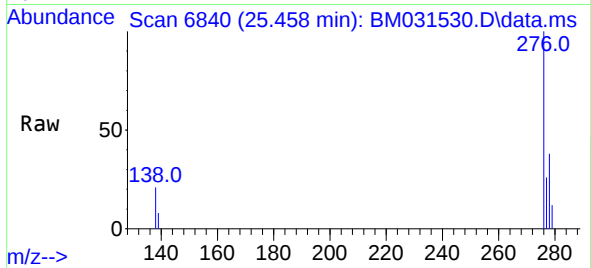
Instrument :
BNA_M
ClientSampleId :
C0085

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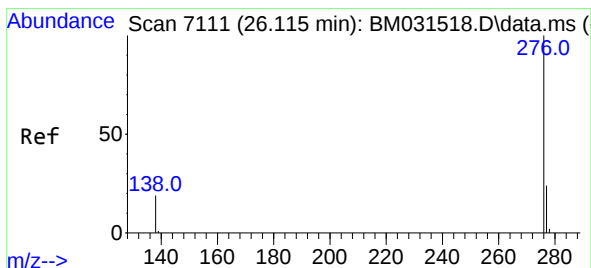
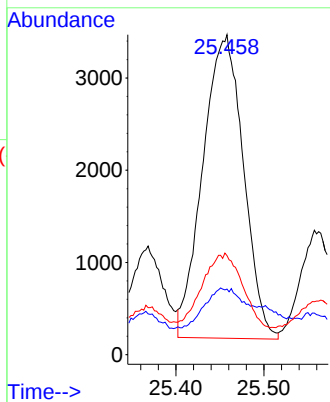
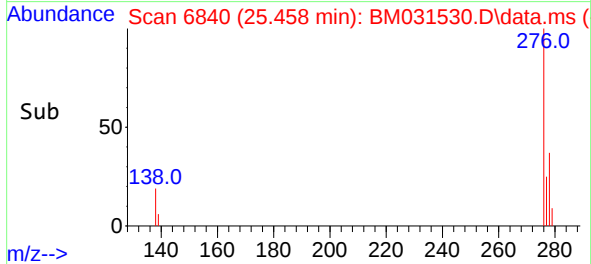
mohammad
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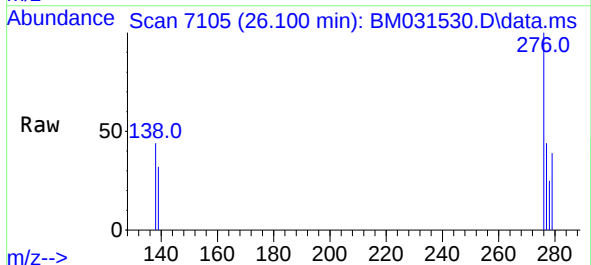
#28
Dibenzo(a,h)anthracene
Concen: 0.608 ng/ul
RT: 25.458 min Scan# 6840
Delta R.T. -0.017 min
Lab File: BM031530.D
Acq: 07 Aug 2021 00:03



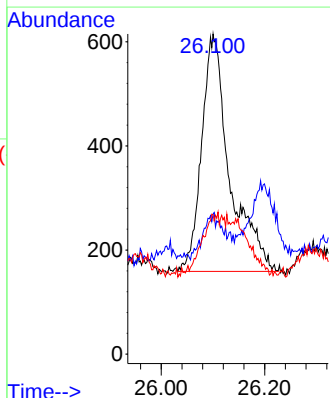
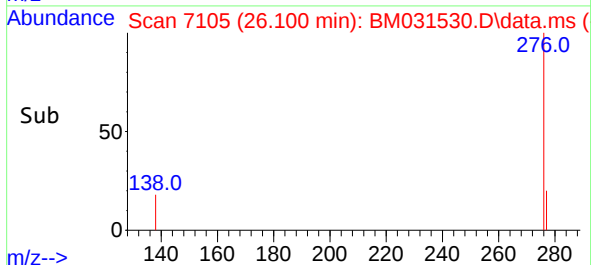
Tgt Ion:278 Resp: 10545
Ion Ratio Lower Upper
278 100
139 20.5 13.3 19.9#
279 31.0 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.094 ng/ul
RT: 26.100 min Scan# 7105
Delta R.T. -0.015 min
Lab File: BM031530.D
Acq: 07 Aug 2021 00:03



Tgt Ion:276 Resp: 1723
Ion Ratio Lower Upper
276 100
138 43.7 15.4 23.2#
277 43.6 19.9 29.9#



Instrument :
BNA_M
ClientSampleId :
C0085

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