

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031244.D
 Acq On : 29 Jul 2021 12:20
 Operator : CG/JU
 Sample : M3082-16DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0014DL

Manual Integrations
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Quant Time: Jul 29 13:00:47 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 : Thu Jul 29 10:56:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	1648	0.400	ng/ul	0.00
4) Naphthalene-d8	10.379	136	6208	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.243	164	3684	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	7198	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.181	240	5740	0.400	ng/ul	# 0.00
23) Perylene-d12	23.346	264	5558	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	703	0.384	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	294	0.028	ng/ul	0.00
18) Fluoranthene-d10	19.020	212	596	0.031	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.424	128	3077	0.166	ng/ul	99
7) 2-Methylnaphthalene	12.047	142	2520	0.199	ng/ul	98
8) 1-Methylnaphthalene	12.268	142	1375	0.110	ng/ul	100
10) Acenaphthylene	13.963	152	1841	0.117	ng/ul	93
12) Fluorene	15.300	166	377	0.025	ng/ul#	75
15) Phenanthrene	17.034	178	13651	0.597	ng/ul	99
16) Anthracene	17.124	178	1918	0.090	ng/ul	94
19) Fluoranthene	19.054	202	20072	0.819	ng/ul	97
20) Pyrene	19.416	202	14436	0.581	ng/ul	96
21) Benzo(a)anthracene	21.164	228	8815	0.380	ng/ul	93
22) Chrysene	21.217	228	12563	0.524	ng/ul	97
24) Benzo(b)fluoranthene	22.703	252	16659m	0.665	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	5329m	0.206	ng/ul	
26) Benzo(a)pyrene	23.251	252	6002	0.274	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.492	276	7337	0.259	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.502	278	2380	0.104	ng/ul#	62

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

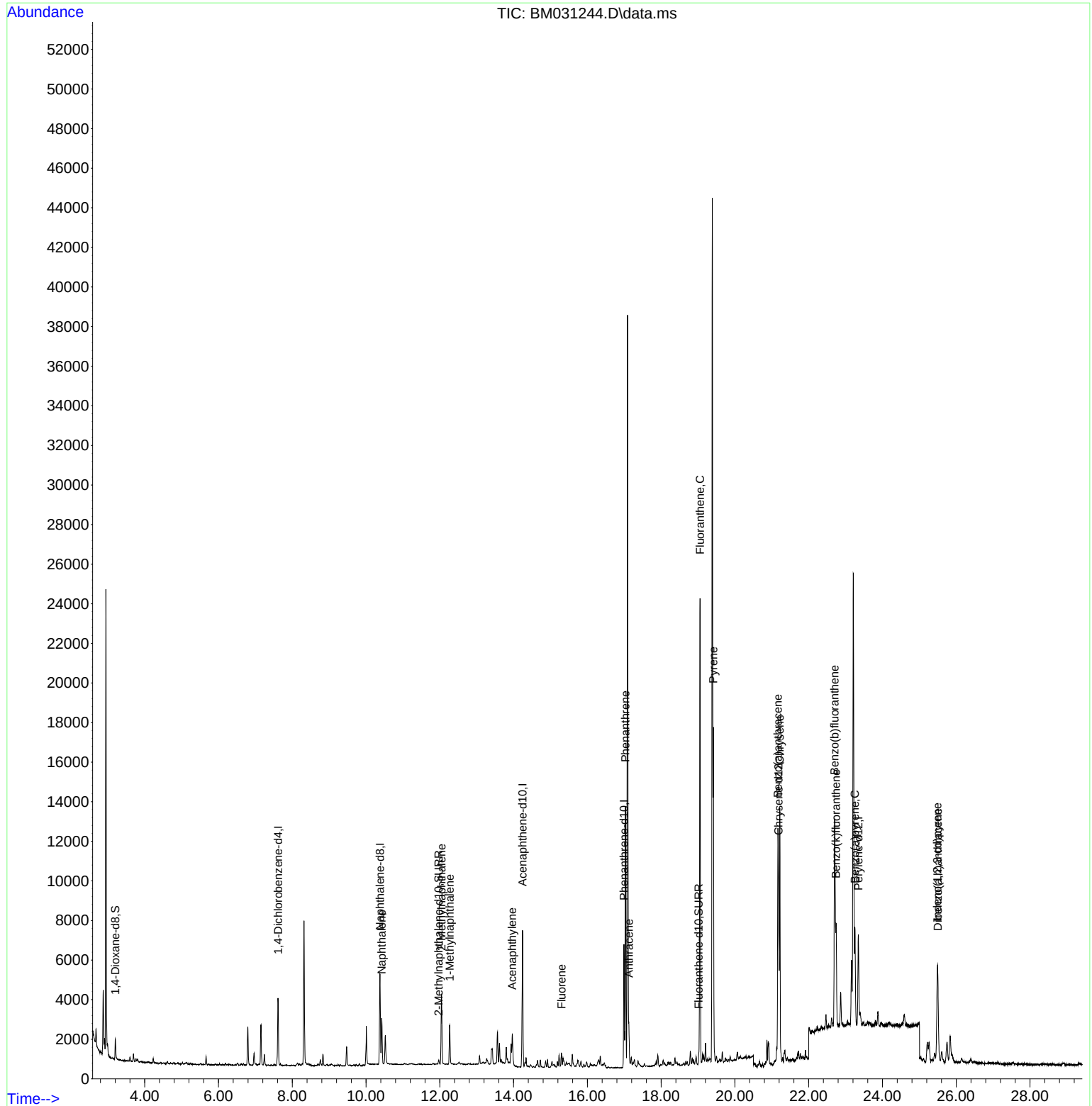
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031244.D
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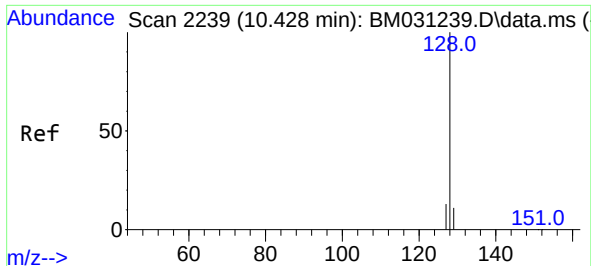
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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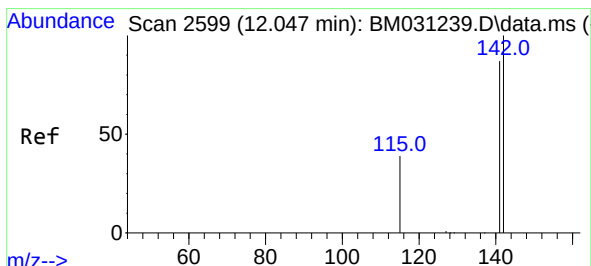
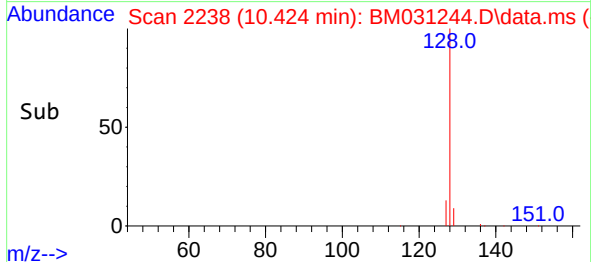
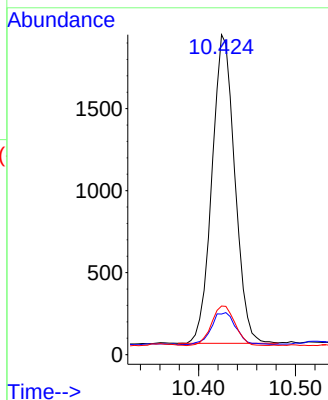
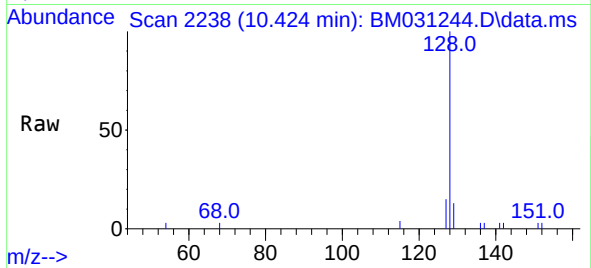
#5
Naphthalene
Concen: 0.166 ng/ul
RT: 10.424 min Scan# 2238
Delta R.T. -0.005 min
Lab File: BM031244.D
Acq: 29 Jul 2021 12:20

Tgt Ion:	128	Resp:	3077
Ion	Ratio	Lower	Upper
128	100		
129	12.7	10.0	15.0
127	15.2	11.6	17.4

Instrument :
BNA_M
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C0014DL

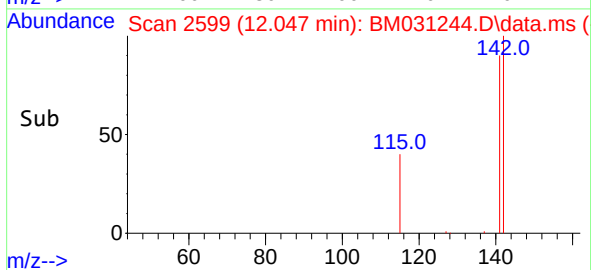
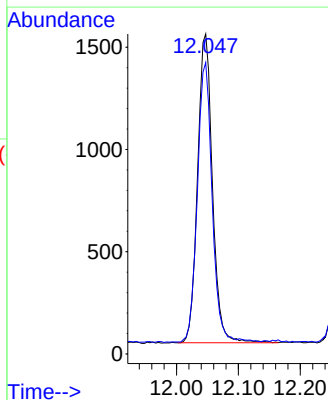
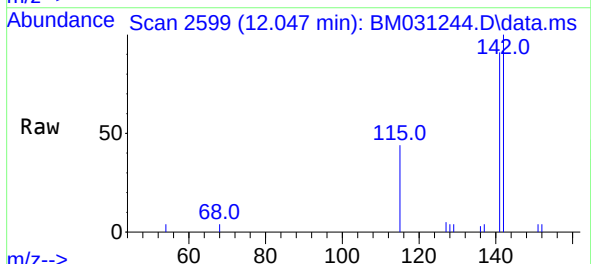
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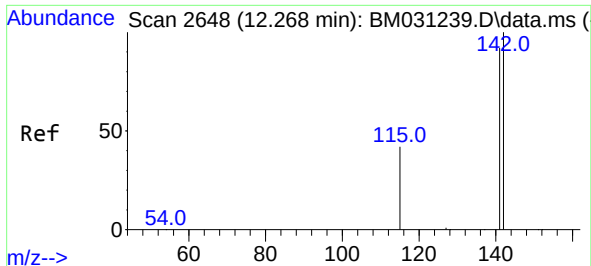
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#7
2-Methylnaphthalene
Concen: 0.199 ng/ul
RT: 12.047 min Scan# 2599
Delta R.T. -0.000 min
Lab File: BM031244.D
Acq: 29 Jul 2021 12:20

Tgt Ion:	142	Resp:	2520
Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.4	107.0





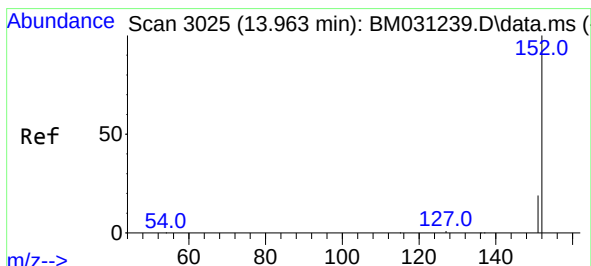
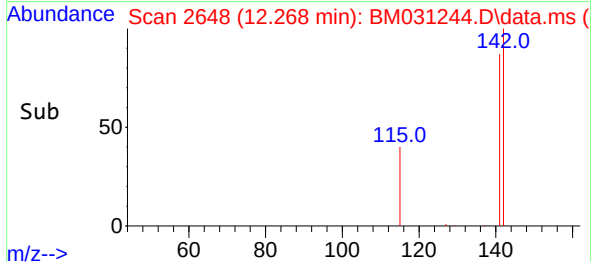
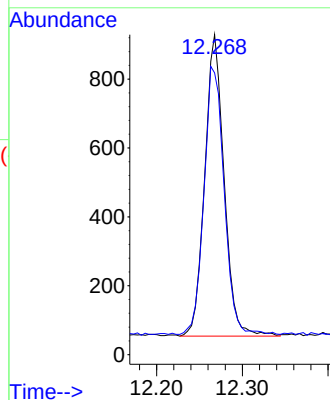
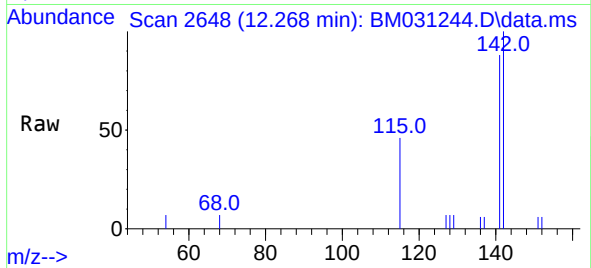
#8
1-Methylnaphthalene
Concen: 0.110 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. -0.000 min
Lab File: BM031244.D
Acq: 29 Jul 2021 12:20

Tgt Ion:142 Resp: 1375
Ion Ratio Lower Upper
142 100
141 92.3 74.1 111.1

Instrument :
BNA_M
ClientSampled :
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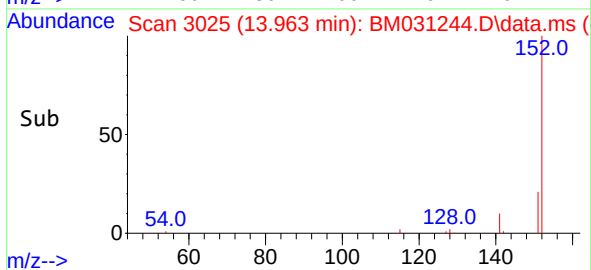
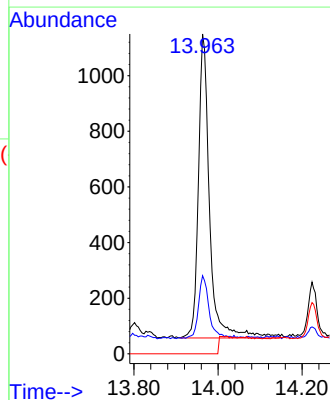
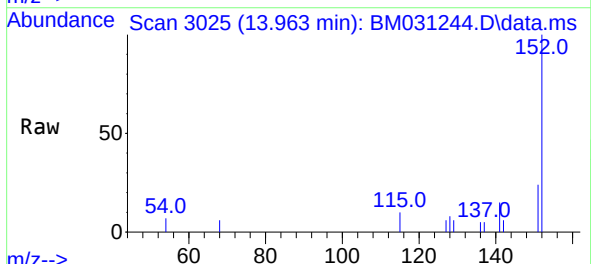
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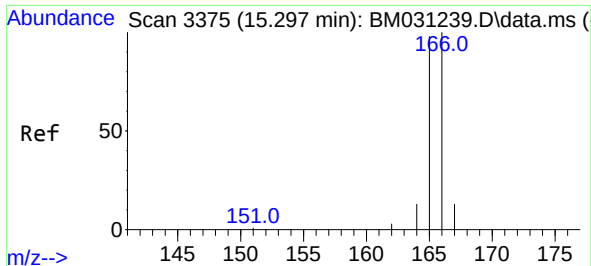
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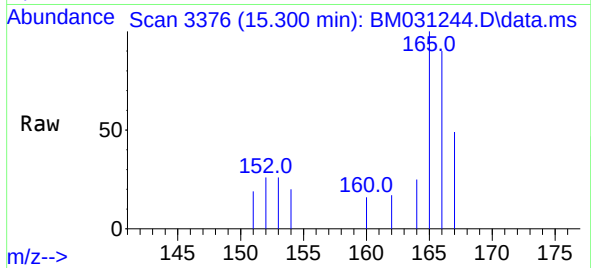
#10
Acenaphthylene
Concen: 0.117 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. -0.000 min
Lab File: BM031244.D
Acq: 29 Jul 2021 12:20

Tgt Ion:152 Resp: 1841
Ion Ratio Lower Upper
152 100
151 24.4 16.9 25.3
153 0.0 0.0 0.0

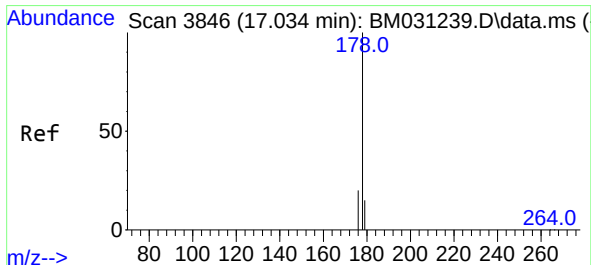
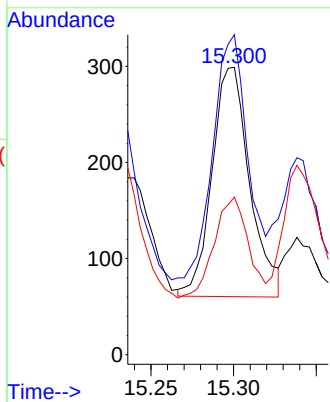
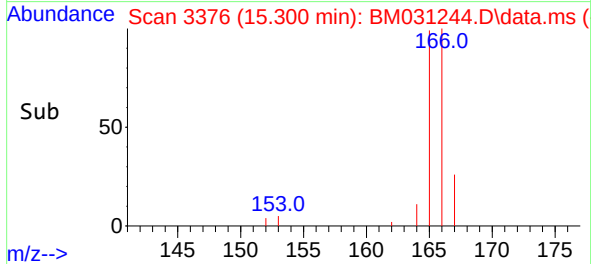




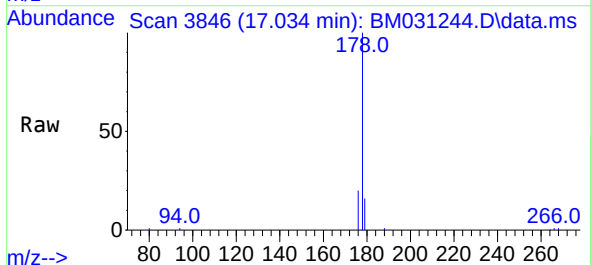
#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.300 min Scan# 3376
Delta R.T. 0.004 min
Lab File: BM031244.D
Acq: 29 Jul 2021 12:20



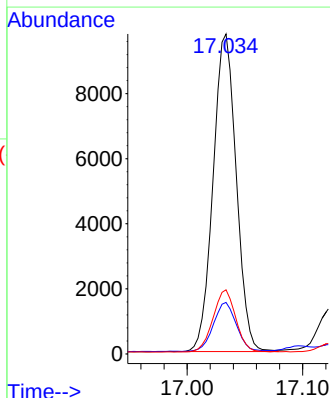
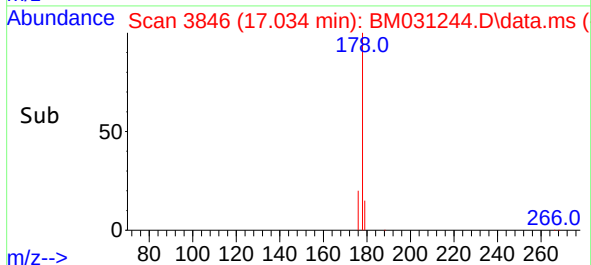
Tgt Ion:166 Resp: 377
Ion Ratio Lower Upper
166 100
165 111.4 78.0 117.0
167 54.8 12.0 18.0#



#15
Phenanthrene
Concen: 0.597 ng/ul
RT: 17.034 min Scan# 3846
Delta R.T. -0.000 min
Lab File: BM031244.D
Acq: 29 Jul 2021 12:20



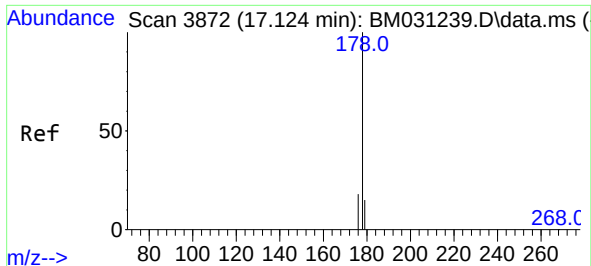
Tgt Ion:178 Resp: 13651
Ion Ratio Lower Upper
178 100
179 16.1 13.3 19.9
176 20.1 16.2 24.4



Instrument :
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C0014DL

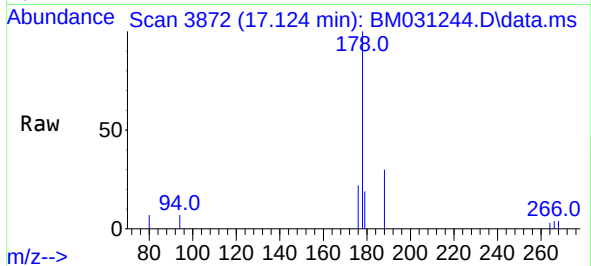
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#16
 Anthracene
 Concen: 0.090 ng/ul
 RT: 17.124 min Scan# 3872
 Delta R.T. -0.000 min
 Lab File: BM031244.D
 Acq: 29 Jul 2021 12:20

Instrument :
 BNA_M
 ClientSampleId :
 C0014DL

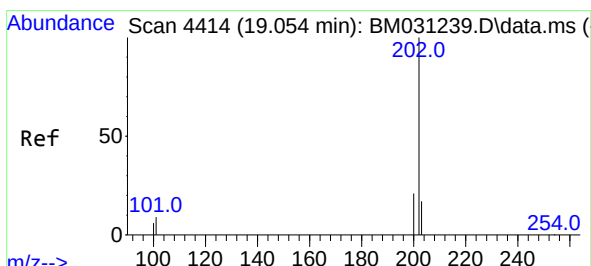
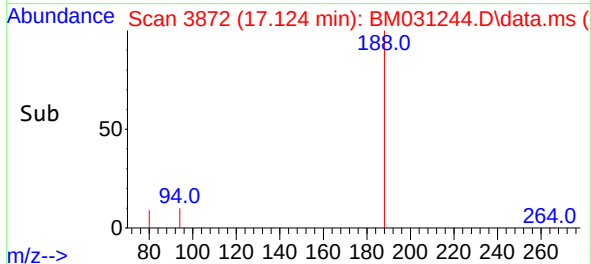
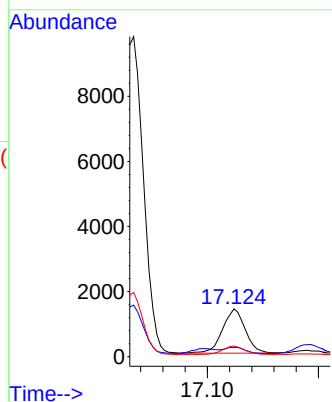


Tgt Ion:178 Resp: 1918

Ion	Ratio	Lower	Upper
178	100		
179	19.5	13.0	19.6
176	22.0	15.6	23.4

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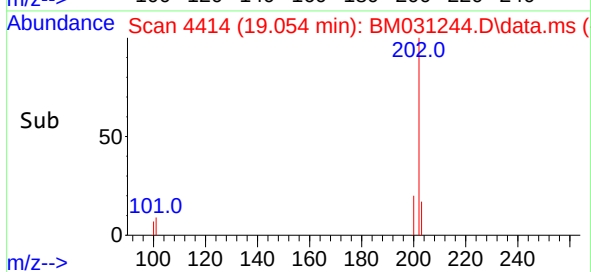
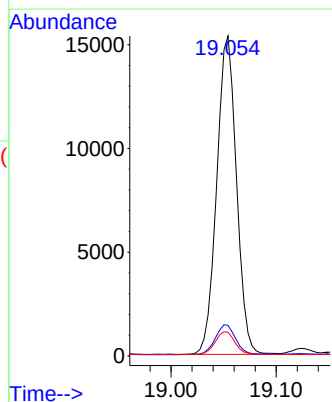
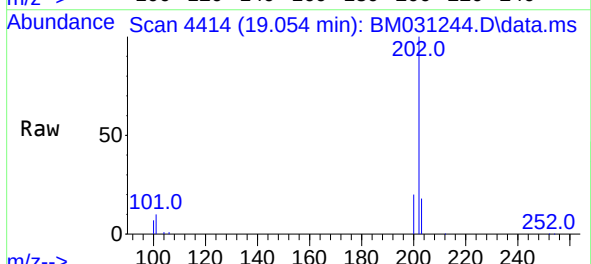
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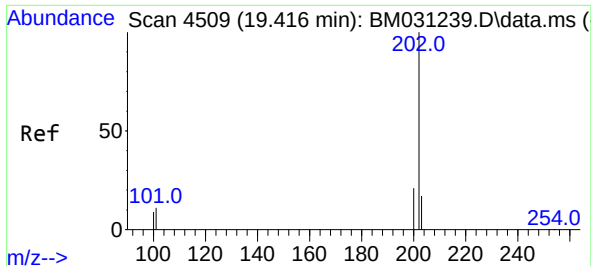


#19
 Fluoranthene
 Concen: 0.819 ng/ul
 RT: 19.054 min Scan# 4414
 Delta R.T. -0.000 min
 Lab File: BM031244.D
 Acq: 29 Jul 2021 12:20

Tgt Ion:202 Resp: 20072

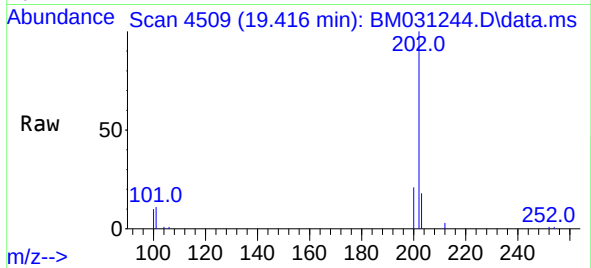
Ion	Ratio	Lower	Upper
202	100		
101	9.5	6.6	10.0
100	7.4	5.4	8.0





#20
Pyrene
Concen: 0.581 ng/ul
RT: 19.416 min Scan# 4509
Delta R.T. -0.000 min
Lab File: BM031244.D
Acq: 29 Jul 2021 12:20

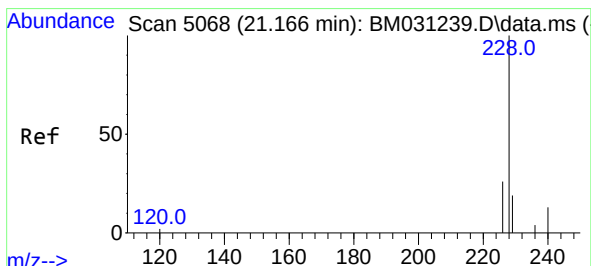
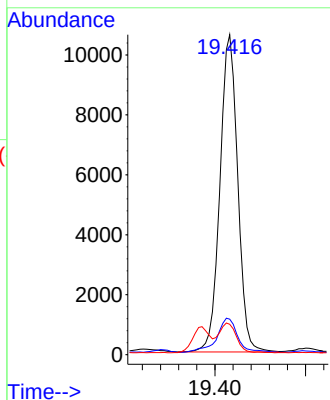
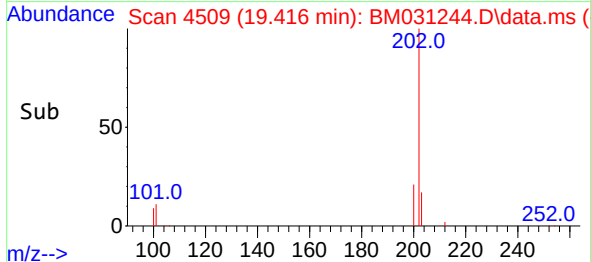
Instrument :
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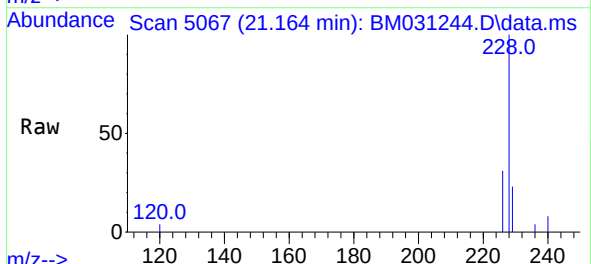
Tgt Ion:202 Resp: 14436
Ion Ratio Lower Upper
202 100
101 11.1 7.8 11.6
100 9.5 6.6 10.0

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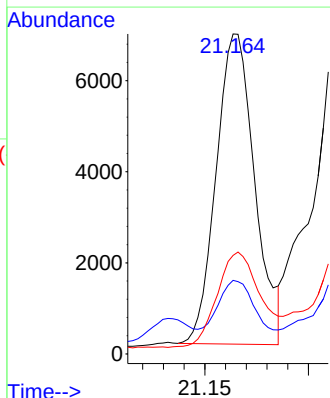
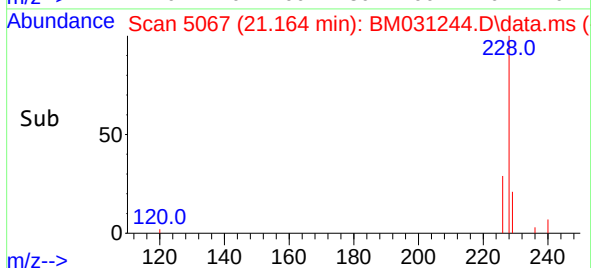
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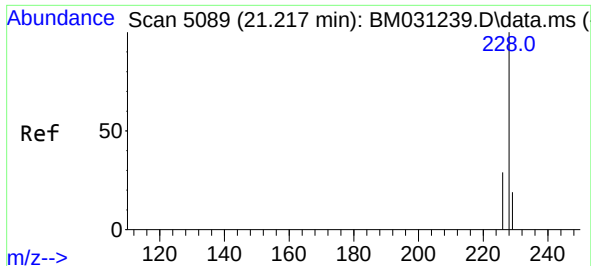


#21
Benzo(a)anthracene
Concen: 0.380 ng/ul
RT: 21.164 min Scan# 5067
Delta R.T. -0.003 min
Lab File: BM031244.D
Acq: 29 Jul 2021 12:20



Tgt Ion:228 Resp: 8815
Ion Ratio Lower Upper
228 100
229 23.0 15.6 23.4
226 30.8 21.7 32.5





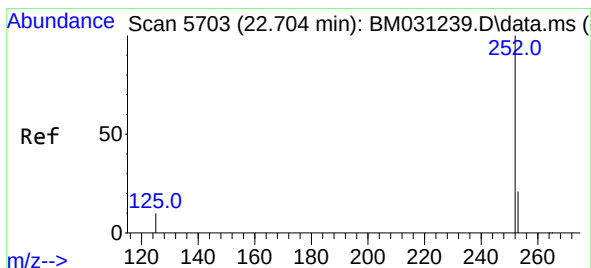
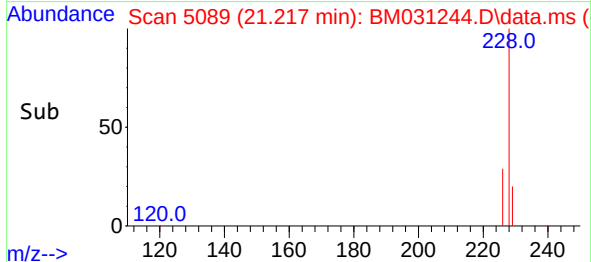
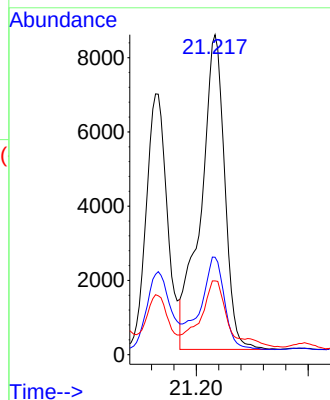
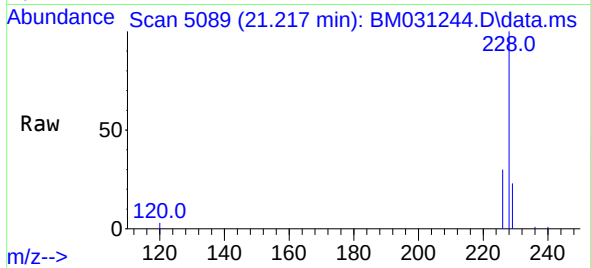
#22
Chrysene
Concen: 0.524 ng/ul
RT: 21.217 min Scan# 5089
Delta R.T. -0.000 min
Lab File: BM031244.D
Acq: 29 Jul 2021 12:20

Tgt Ion:228	Resp:	12563
Ion Ratio	Lower	Upper
228	100	
226	30.4	24.7 37.1
229	23.1	16.2 24.2

Instrument :
BNA_M
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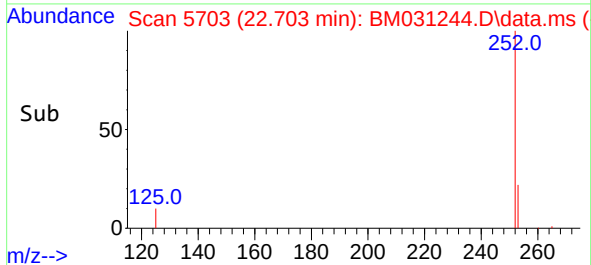
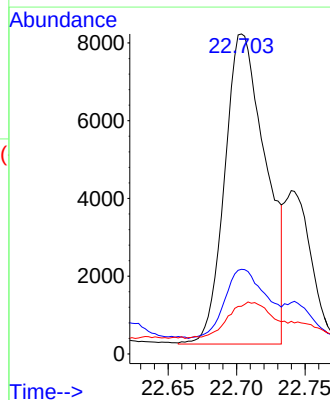
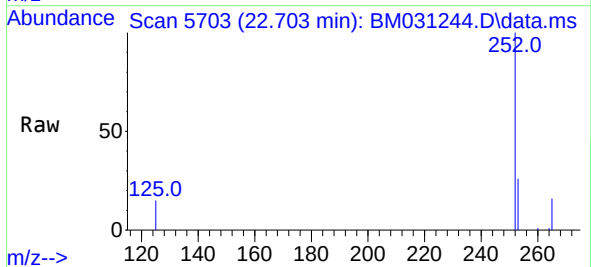
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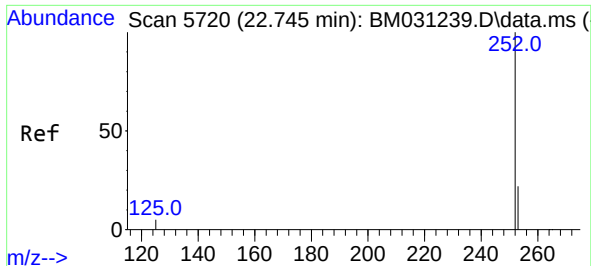
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#24
Benzo(b)fluoranthene
Concen: 0.665 ng/ul m
RT: 22.703 min Scan# 5703
Delta R.T. -0.000 min
Lab File: BM031244.D
Acq: 29 Jul 2021 12:20

Tgt Ion:252	Resp:	16659
Ion Ratio	Lower	Upper
252	100	
253	26.5	0.0 53.0
125	14.9	0.0 22.8





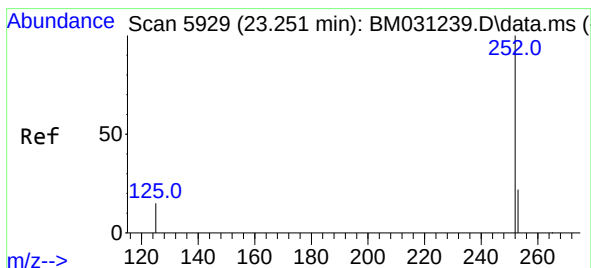
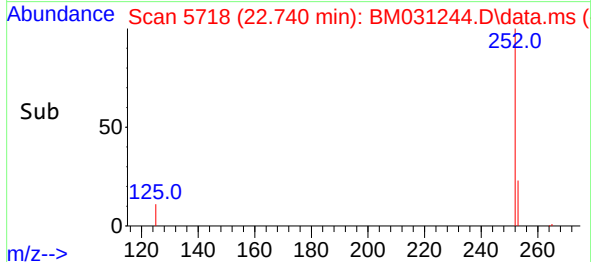
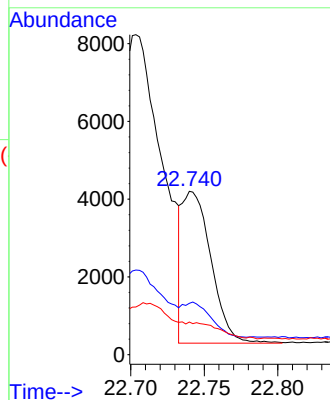
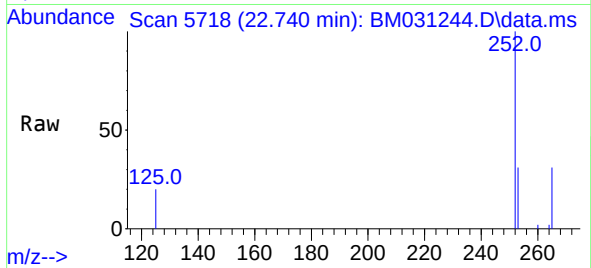
#25
Benzo(k)fluoranthene
Concen: 0.206 ng/ul m
RT: 22.740 min Scan# 5718
Delta R.T. -0.005 min
Lab File: BM031244.D
Acq: 29 Jul 2021 12:20

Tgt Ion:252	Resp:	5329
Ion Ratio	Lower	Upper
252	100	
253	31.5	21.3 31.9
125	20.0	8.8 13.2#

Instrument :
BNA_M
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C0014DL

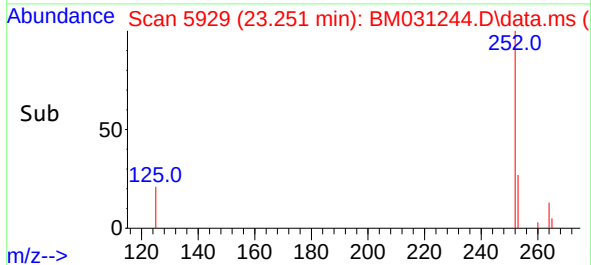
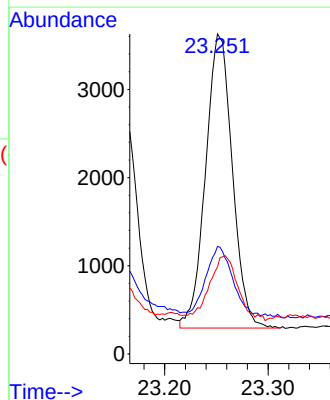
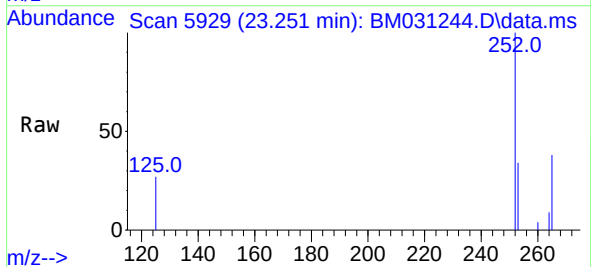
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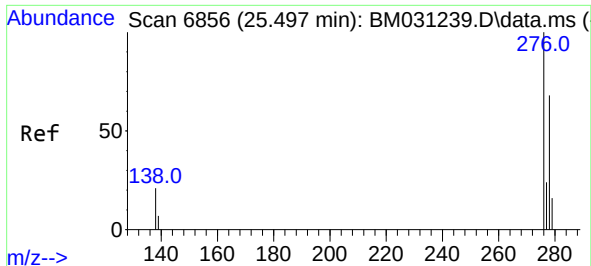
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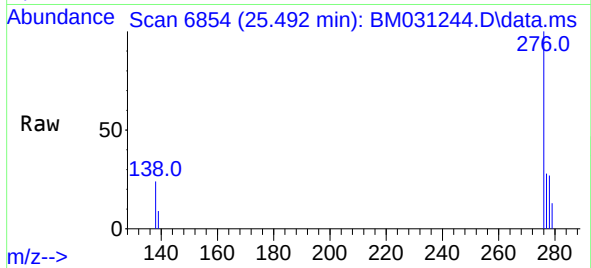
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Benzo(a)pyrene
Concen: 0.274 ng/ul
RT: 23.251 min Scan# 5929
Delta R.T. -0.000 min
Lab File: BM031244.D
Acq: 29 Jul 2021 12:20

Tgt Ion:252	Resp:	6002
Ion Ratio	Lower	Upper
252	100	
253	33.6	22.4 33.6#
125	27.2	13.0 19.4#

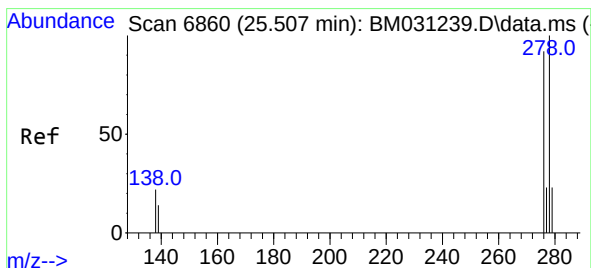
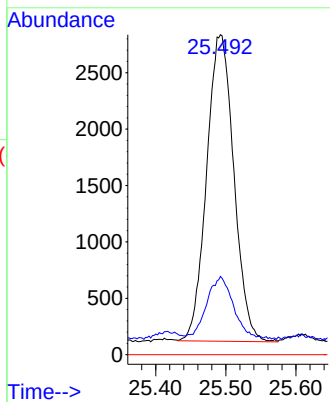
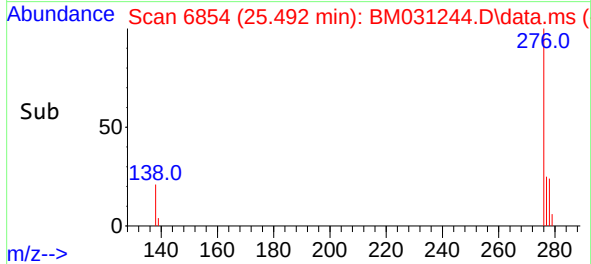




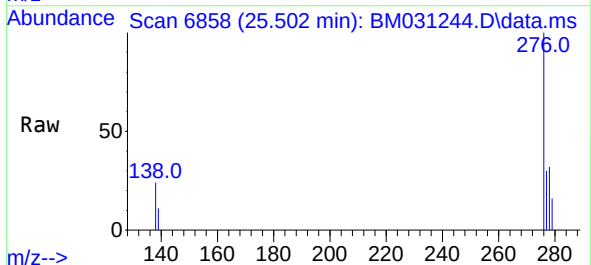
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.259 ng/ul
RT: 25.492 min Scan# 6854
Delta R.T. -0.005 min
Lab File: BM031244.D
Acq: 29 Jul 2021 12:20



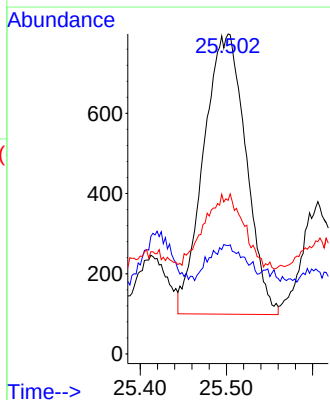
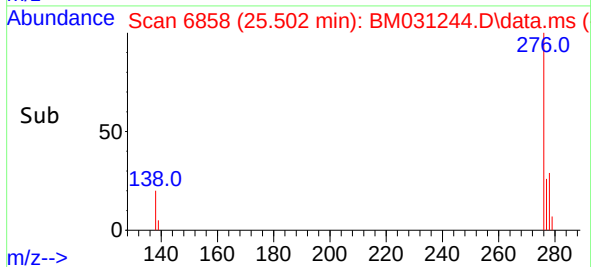
Tgt Ion: 276 Resp: 7337
Ion Ratio Lower Upper
276 100
138 20.6 15.8 23.8
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.104 ng/ul
RT: 25.502 min Scan# 6858
Delta R.T. -0.005 min
Lab File: BM031244.D
Acq: 29 Jul 2021 12:20



Tgt Ion: 278 Resp: 2380
Ion Ratio Lower Upper
278 100
139 33.8 13.3 19.9#
279 48.0 22.8 34.2#



Instrument :
BNA_M
ClientSampleId :
C0014DL

Manual Integrations
APPROVED

mohammad
7/30/2021 12:01:52 PM