

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM040995.D
 Acq On : 21 Jul 2023 00:11
 Operator : MA/JU
 Sample : 03444-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46R6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023

Quant Time: Jul 21 01:42:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 05:08:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	5771	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.669	136	16588	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.518	164	7639	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.274	188	23096	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	10076	0.400	ng/ul	0.00
23) Perylene-d12	23.854	264	12014	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	56250	5.928	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	12131	0.549	ng/ul	-0.02
18) Fluoranthene-d10	19.301	212	19016	0.449	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.236	152	1127	0.035	ng/ul#	74
15) Phenanthrene	17.312	178	10715	0.155	ng/ul	99
16) Anthracene	17.405	178	2066	0.038	ng/ul#	88
19) Fluoranthene	19.334	202	12965	0.249	ng/ul	98
20) Pyrene	19.696	202	11480m	0.216	ng/ul	
21) Benzo(a)anthracene	21.448	228	5418	0.177	ng/ul	96
22) Chrysene	21.501	228	5406	0.154	ng/ul	96
24) Benzo(b)fluoranthene	23.129	252	8270	0.179	ng/ul	91
25) Benzo(k)fluoranthene	23.170	252	3628m	0.083	ng/ul	
26) Benzo(a)pyrene	23.746	252	5251	0.132	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.324	276	4736	0.090	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.334	278	1045	0.026	ng/ul#	42
29) Benzo(g,h,i)perylene	27.085	276	5108	0.105	ng/ul	96

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

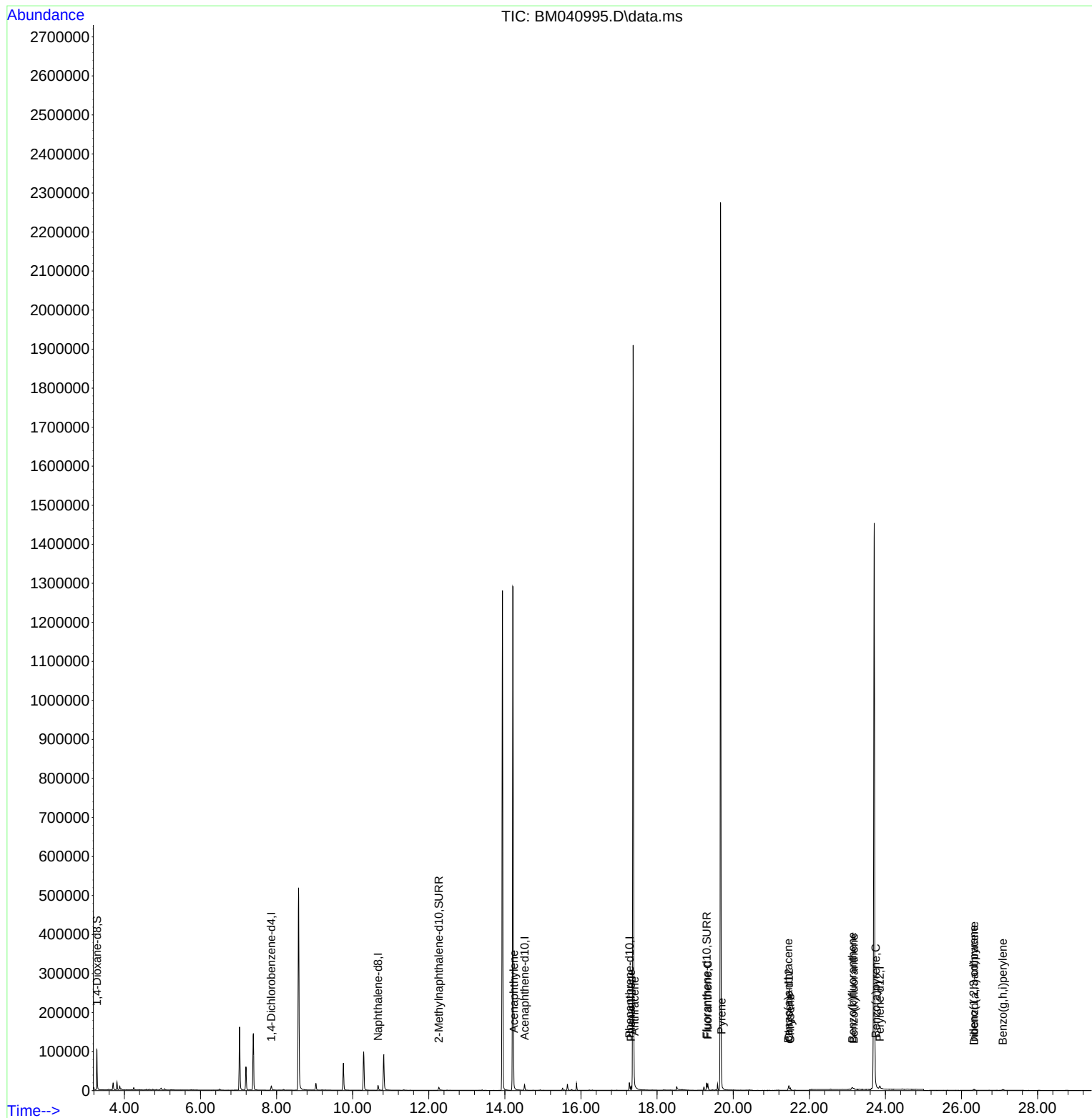
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM040995.D
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ALS Vial : 27 Sample Multiplier: 1

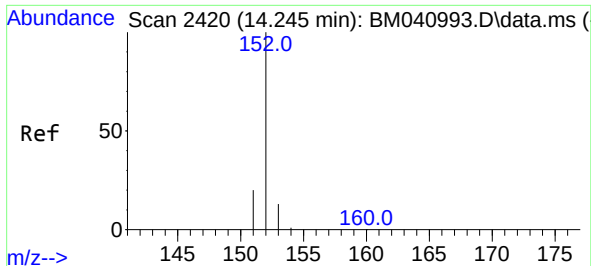
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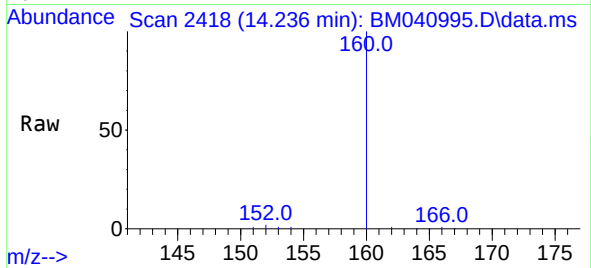
Quant Time: Jul 21 01:42:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 05:08:42 2023
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#10
Acenaphthylene
Concen: 0.035 ng/ul
RT: 14.236 min Scan# 2418
Delta R.T. -0.014 min
Lab File: BM040995.D
Acq: 21 Jul 2023 00:11

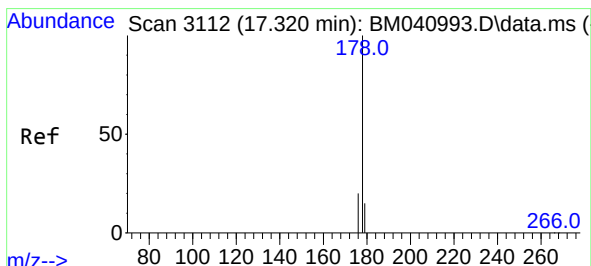
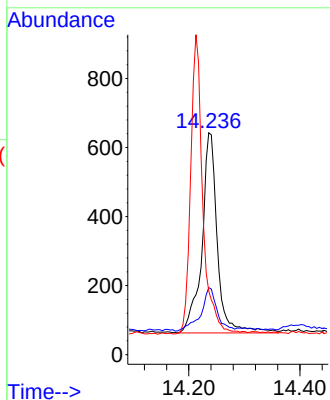
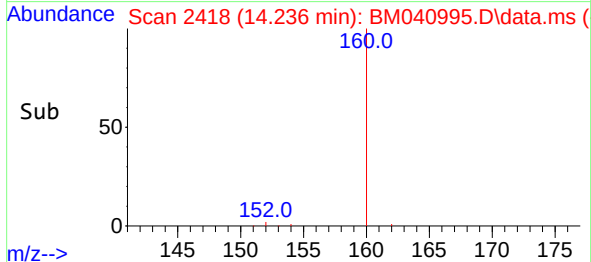
Instrument :
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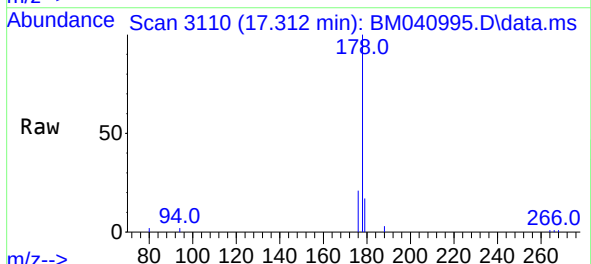
Tgt Ion:152 Resp: 112
Ion Ratio Lower Upper
152 100
151 30.2 16.8 25.2
153 28.6 11.6 17.4

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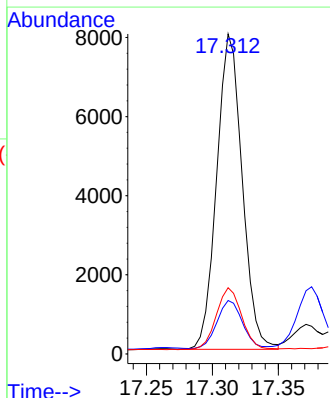
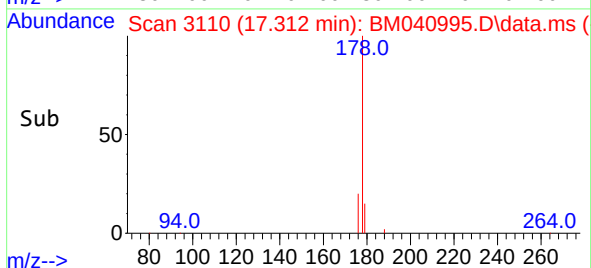
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

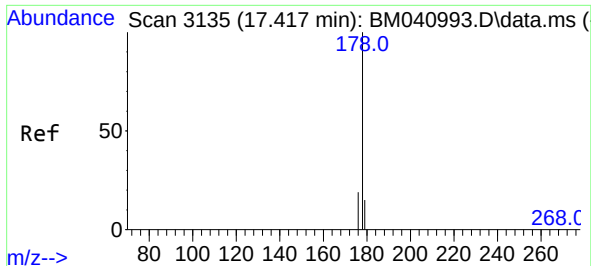


#15
Phenanthrene
Concen: 0.155 ng/ul
RT: 17.312 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BM040995.D
Acq: 21 Jul 2023 00:11



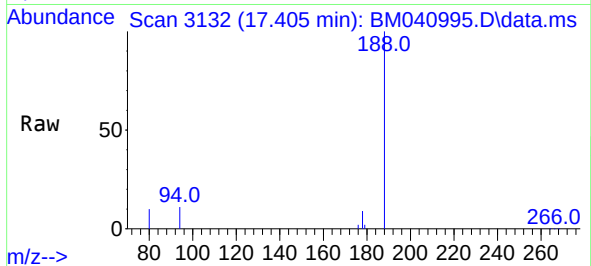
Tgt Ion:178 Resp: 10715
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.6
176 20.7 16.2 24.4





#16
 Anthracene
 Concen: 0.038 ng/u1
 RT: 17.405 min Scan# 3135
 Delta R.T. -0.017 min
 Lab File: BM040995.D
 Acq: 21 Jul 2023 00:11

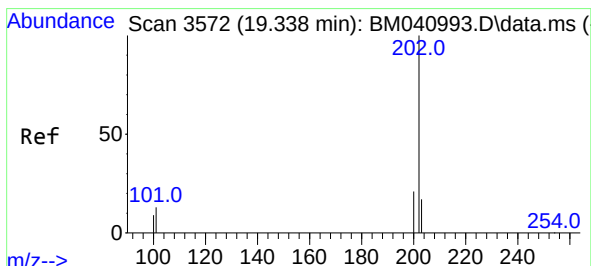
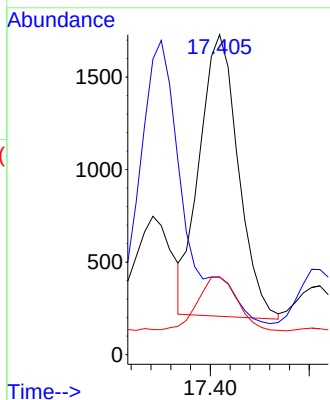
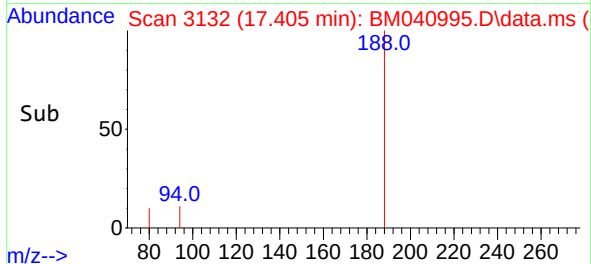
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Tgt Ion:178 Resp: 2060
 Ion Ratio Lower Upper
 178 100
 179 24.2 13.7 20.5
 176 24.3 16.4 24.6

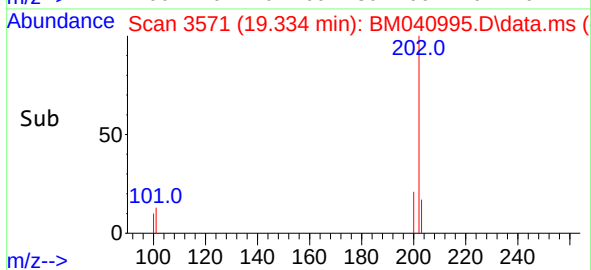
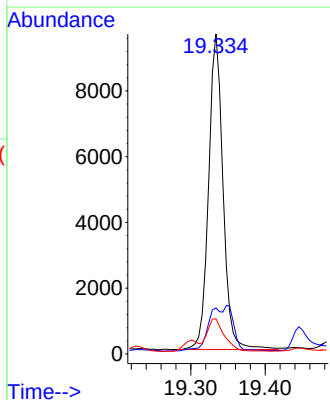
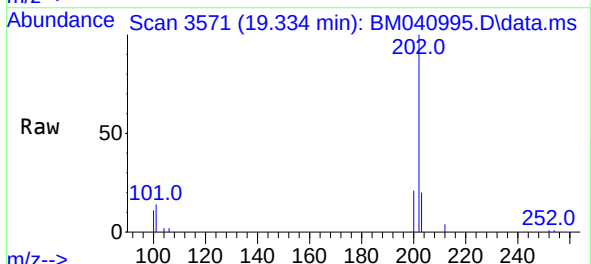
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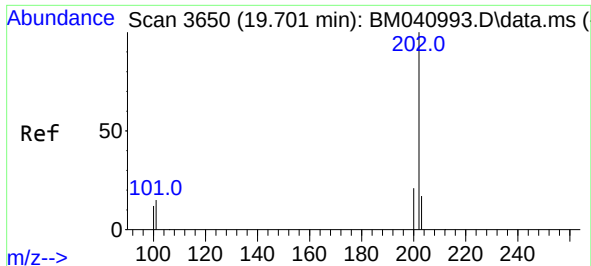
Reviewed By :Yogesh Patel 07/21/2023
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#19
 Fluoranthene
 Concen: 0.249 ng/u1
 RT: 19.334 min Scan# 3571
 Delta R.T. -0.009 min
 Lab File: BM040995.D
 Acq: 21 Jul 2023 00:11

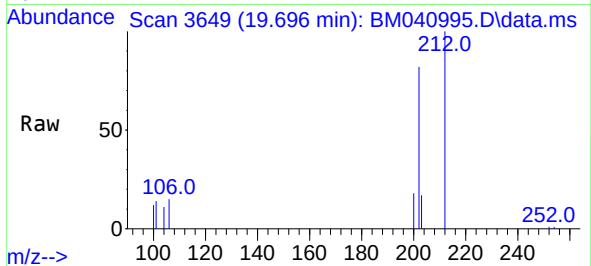
Tgt Ion:202 Resp: 12965
 Ion Ratio Lower Upper
 202 100
 101 14.4 11.0 16.4
 100 11.0 8.3 12.5





#20
Pyrene
Concen: 0.216 ng/ul m
RT: 19.696 min Scan# 3649
Delta R.T. -0.009 min
Lab File: BM040995.D
Acq: 21 Jul 2023 00:11

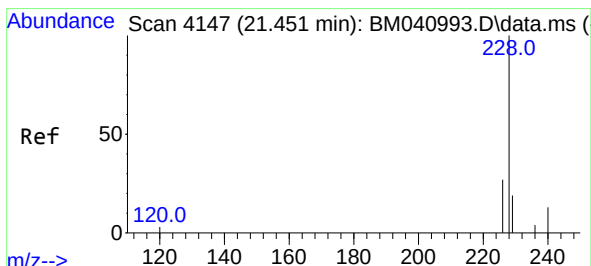
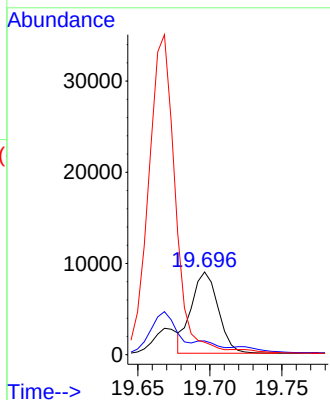
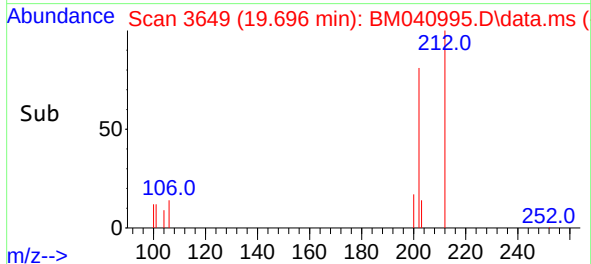
Instrument :
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ClientSampleId :
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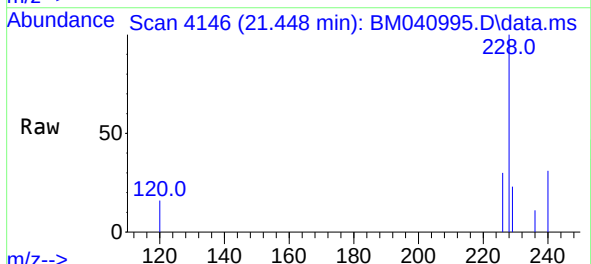
Tgt Ion:202 Resp: 11480
Ion Ratio Lower Upper
202 100
101 16.7 12.5 18.7
100 15.1 10.0 15.0

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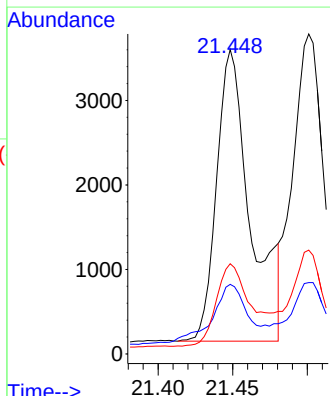
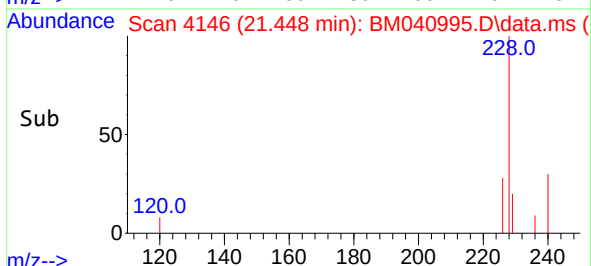
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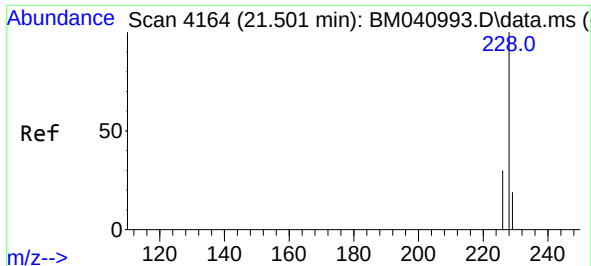


#21
Benzo(a)anthracene
Concen: 0.177 ng/ul
RT: 21.448 min Scan# 4146
Delta R.T. -0.009 min
Lab File: BM040995.D
Acq: 21 Jul 2023 00:11



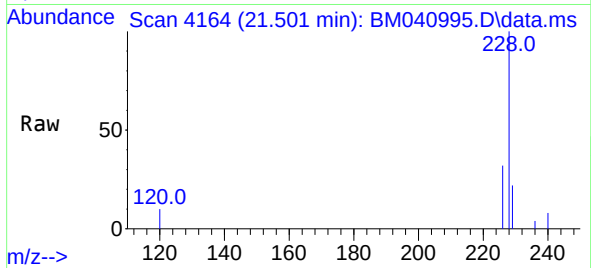
Tgt Ion:228 Resp: 5418
Ion Ratio Lower Upper
228 100
229 22.8 16.2 24.4
226 29.6 22.3 33.5





#22
Chrysene
Concen: 0.154 ng/u1
RT: 21.501 min Scan# 4164
Delta R.T. -0.006 min
Lab File: BM040995.D
Acq: 21 Jul 2023 00:11

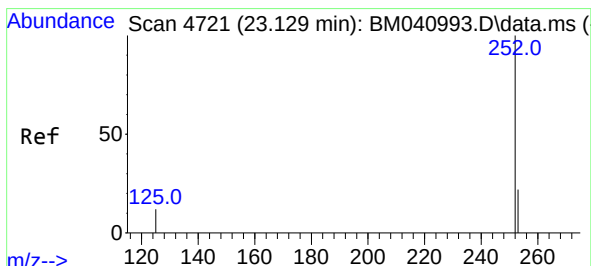
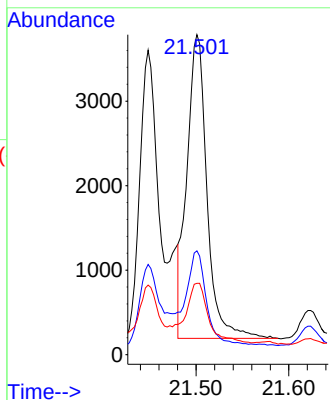
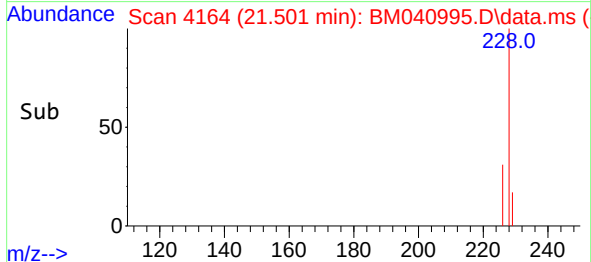
Instrument :
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ClientSampleId :
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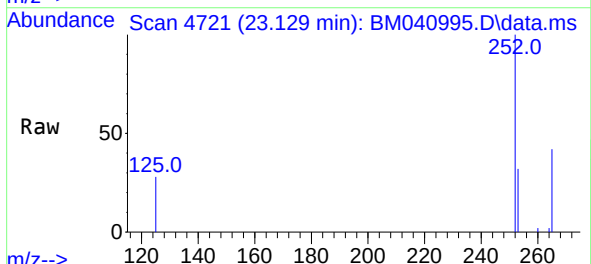
Tgt Ion:228 Resp: 5400
Ion Ratio Lower Upper
228 100
226 32.4 24.6 37.0
229 22.3 16.1 24.1

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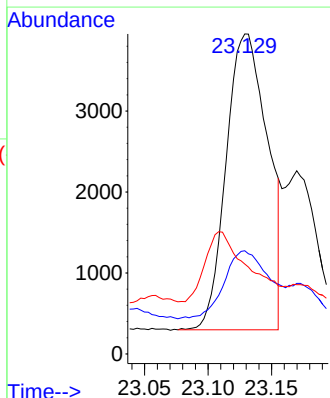
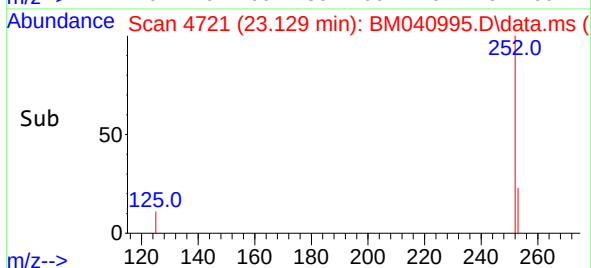
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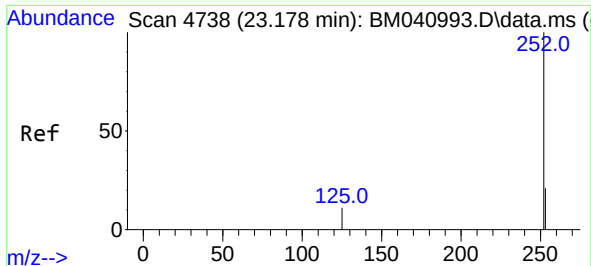


#24
Benzo(b)fluoranthene
Concen: 0.179 ng/u1
RT: 23.129 min Scan# 4721
Delta R.T. -0.006 min
Lab File: BM040995.D
Acq: 21 Jul 2023 00:11



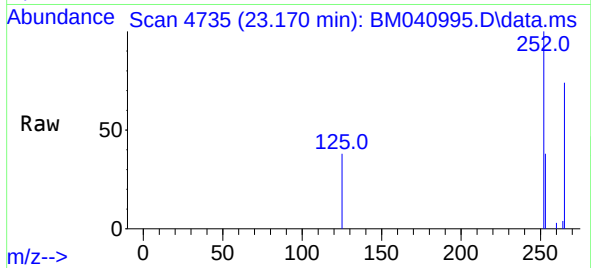
Tgt Ion:252 Resp: 8270
Ion Ratio Lower Upper
252 100
253 32.2 0.0 57.4
125 28.1 0.0 45.2





#25
Benzo(k)fluoranthene
Concen: 0.083 ng/ul m
RT: 23.170 min Scan# 41
Delta R.T. -0.017 min
Lab File: BM040995.D
Acq: 21 Jul 2023 00:11

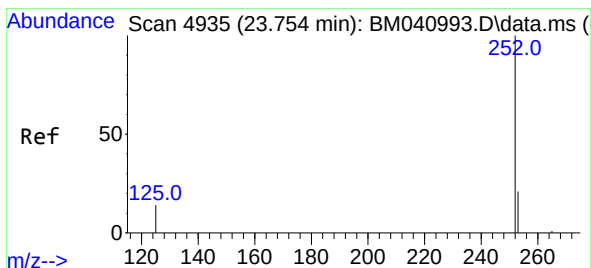
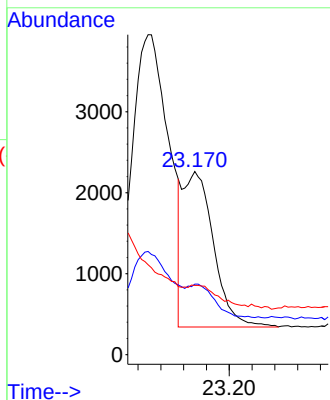
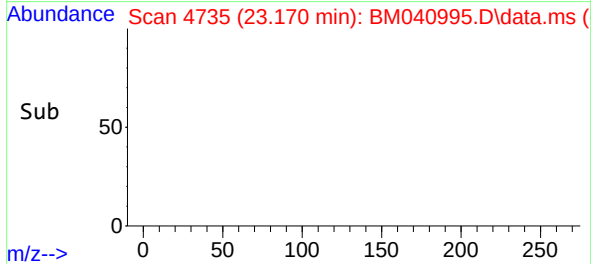
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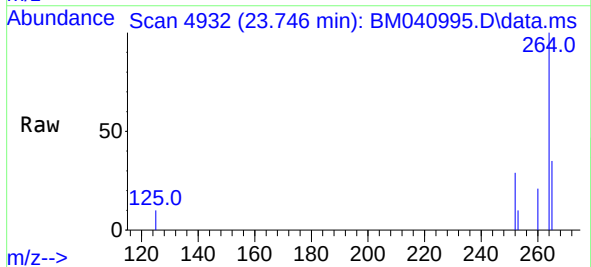
Tgt Ion:252 Resp: 3628
Ion Ratio Lower Upper
252 100
253 38.5 23.3 34.9
125 37.8 18.2 27.2

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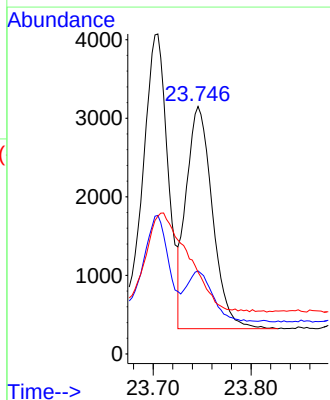
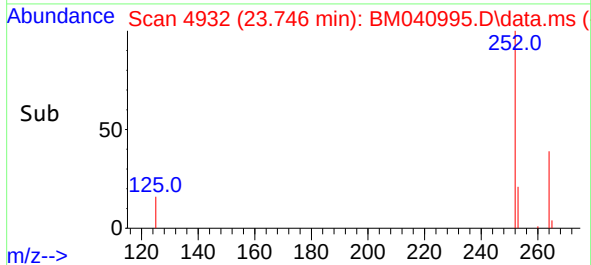
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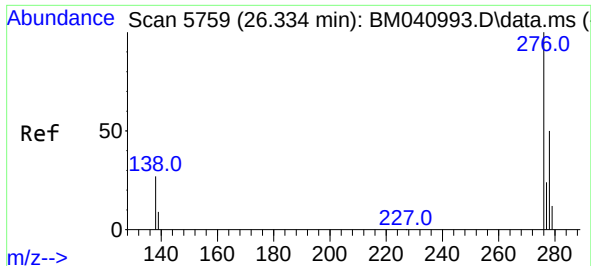


#26
Benzo(a)pyrene
Concen: 0.132 ng/ul
RT: 23.746 min Scan# 4932
Delta R.T. -0.017 min
Lab File: BM040995.D
Acq: 21 Jul 2023 00:11



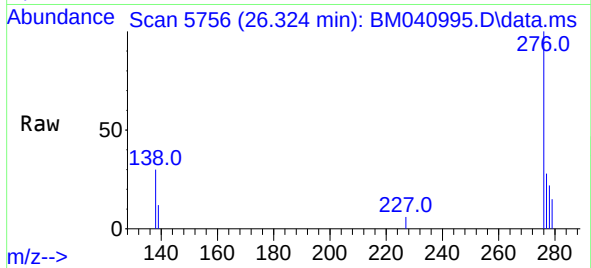
Tgt Ion:252 Resp: 5251
Ion Ratio Lower Upper
252 100
253 33.5 28.2 42.2
125 33.0 25.2 37.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.090 ng/ul
RT: 26.324 min Scan# 5756
Delta R.T. -0.027 min
Lab File: BM040995.D
Acq: 21 Jul 2023 00:11

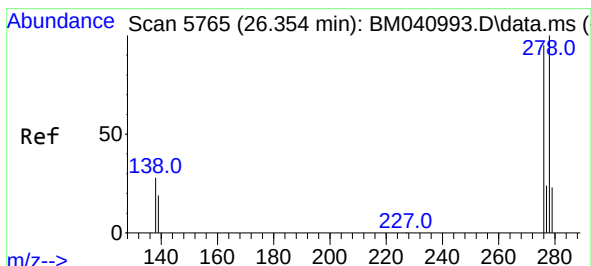
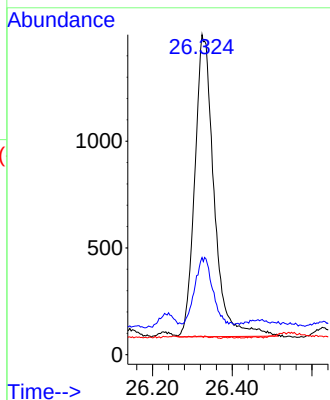
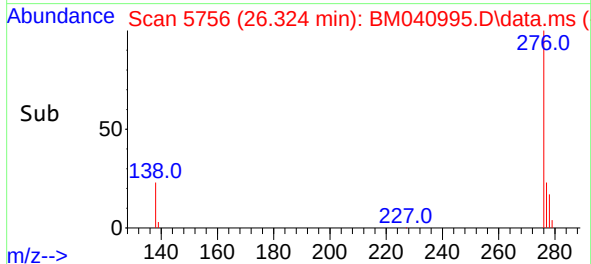
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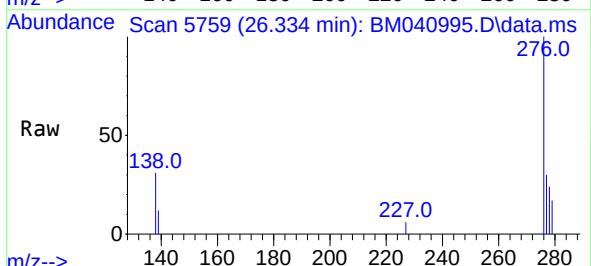
Tgt Ion:276 Resp: 4730
Ion Ratio Lower Upper
276 100
138 21.1 22.3 33.5#
227 0.1 0.0 0.0#

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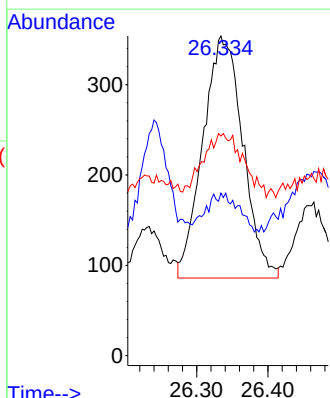
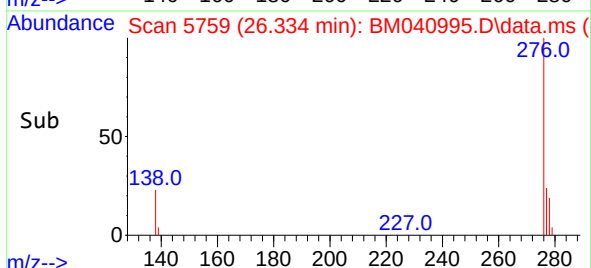
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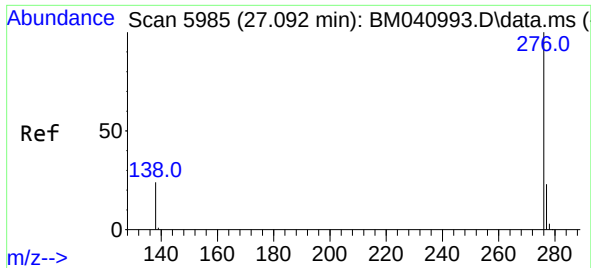


#28
Dibenzo(a,h)anthracene
Concen: 0.026 ng/ul
RT: 26.334 min Scan# 5759
Delta R.T. -0.033 min
Lab File: BM040995.D
Acq: 21 Jul 2023 00:11



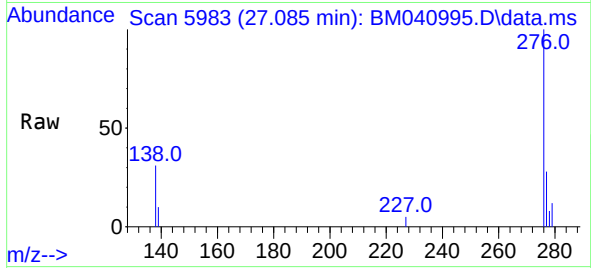
Tgt Ion:278 Resp: 1045
Ion Ratio Lower Upper
278 100
139 50.8 19.2 28.8#
279 68.6 27.0 40.6#





#29
Benzo(g,h,i)perylene
Concen: 0.105 ng/ul
RT: 27.085 min Scan# 5983
Delta R.T. -0.017 min
Lab File: BM040995.D
Acq: 21 Jul 2023 00:11

Instrument :
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ClientSampleId :
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Tgt Ion:276 Resp: 5108
Ion Ratio Lower Upper
276 100
138 31.1 22.6 34.0
277 27.7 21.2 31.8

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