

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM040999.D
 Acq On : 21 Jul 2023 02:39
 Operator : MA/JU
 Sample : 03444-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46R8

Manual Integrations
 APPROVED

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

Quant Time: Jul 21 04:54:00 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)

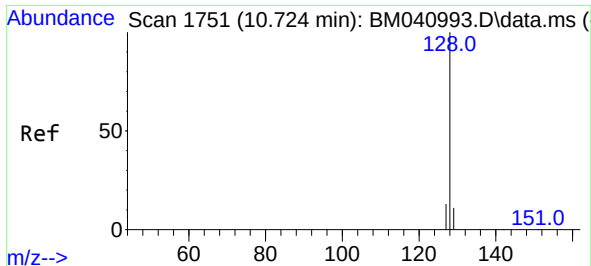
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	4192	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.669	136	17012	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.518	164	5515	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.270	188	11674	0.400	ng/ul	-0.01
17) Chrysene-d12	21.463	240	6862	0.400	ng/ul	0.00
23) Perylene-d12	23.851	264	6711	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	6624	0.961	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	5826	0.257	ng/ul	-0.02
18) Fluoranthene-d10	19.301	212	6178	0.214	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.719	128	32716	0.703	ng/ul	98
7) 2-Methylnaphthalene	12.335	142	4166	0.163	ng/ul	98
8) 1-Methylnaphthalene	12.555	142	3737	0.138	ng/ul	99
10) Acenaphthylene	14.236	152	9306	0.403	ng/ul	96
11) Acenaphthene	14.578	153	11337	0.557	ng/ul	99
12) Fluorene	15.568	166	12920	0.613	ng/ul	99
15) Phenanthrene	17.312	178	243723	6.985	ng/ul	98
16) Anthracene	17.405	178	38651	1.422	ng/ul	98
19) Fluoranthene	19.329	202	400913	11.316	ng/ul	98
20) Pyrene	19.696	202	357431	9.875	ng/ul	97
21) Benzo(a)anthracene	21.445	228	133059	6.365	ng/ul	99
22) Chrysene	21.498	228	133903	5.603	ng/ul	98
24) Benzo(b)fluoranthene	23.123	252	158873	6.168	ng/ul	86
25) Benzo(k)fluoranthene	23.167	252	62457m	2.552	ng/ul	
26) Benzo(a)pyrene	23.743	252	99371	4.466	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.317	276	79597	2.696	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.327	278	18281	0.819	ng/ul	95
29) Benzo(g,h,i)perylene	27.078	276	80261	2.942	ng/ul	95

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

Manual Integrations APPROVED

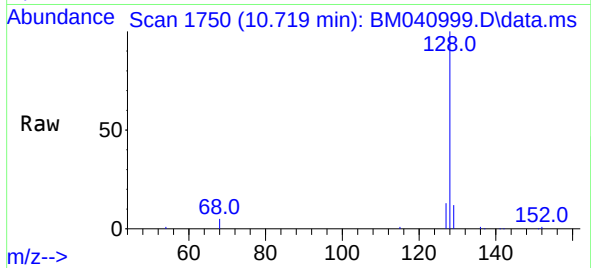
Quant Time: Jul 21 04:54:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 05:08:42 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.703 ng/ul
RT: 10.719 min Scan# 1750
Delta R.T. -0.011 min
Lab File: BM040999.D
Acq: 21 Jul 2023 02:39

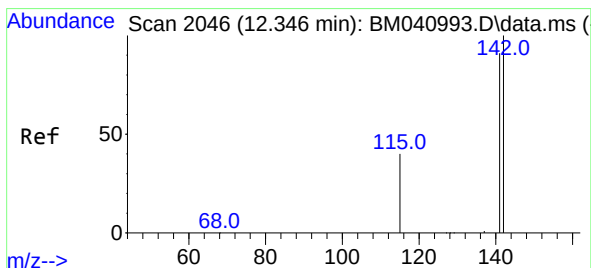
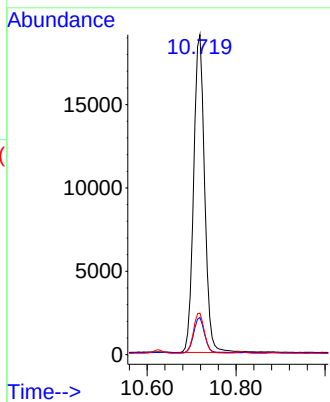
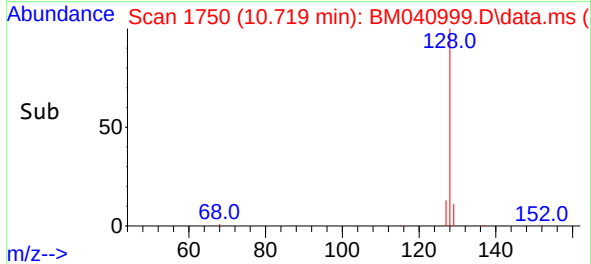
Instrument :
BNA_M
ClientSampleId :
A46R8



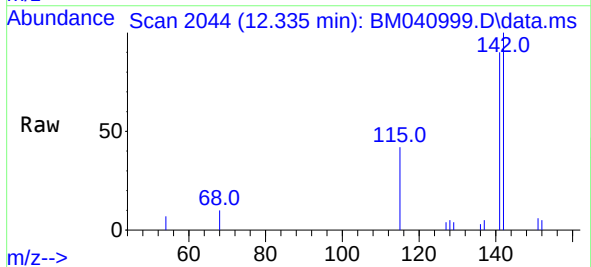
Tgt Ion:128 Resp: 32710
Ion Ratio Lower Upper
128 100
129 11.6 9.8 14.8
127 13.0 11.0 16.4

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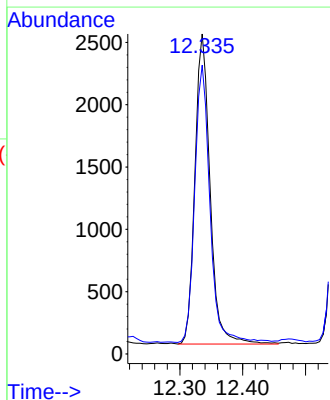
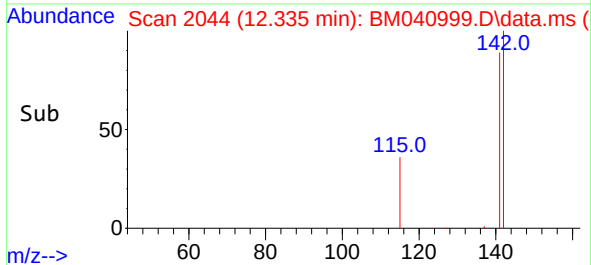
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

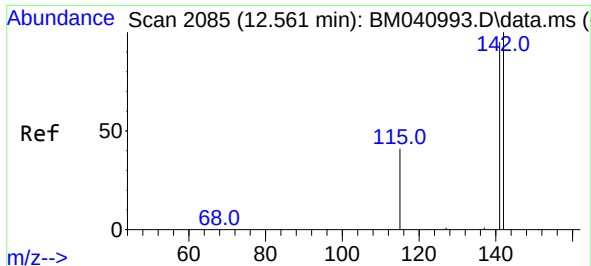


#7
2-Methylnaphthalene
Concen: 0.163 ng/ul
RT: 12.335 min Scan# 2044
Delta R.T. -0.016 min
Lab File: BM040999.D
Acq: 21 Jul 2023 02:39



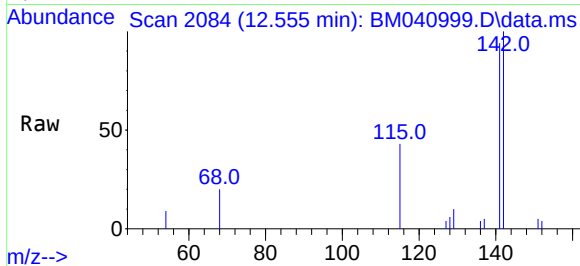
Tgt Ion:142 Resp: 4166
Ion Ratio Lower Upper
142 100
141 89.7 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.138 ng/ul
RT: 12.555 min Scan# 2085
Delta R.T. -0.011 min
Lab File: BM040999.D
Acq: 21 Jul 2023 02:39

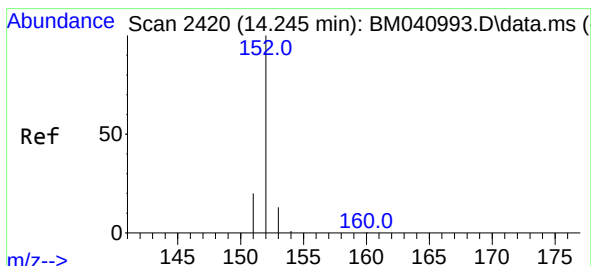
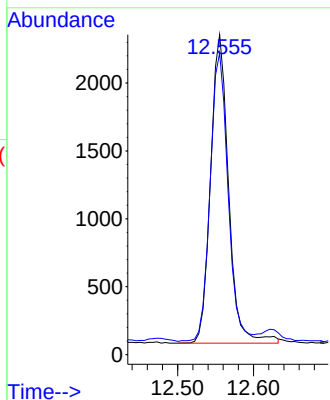
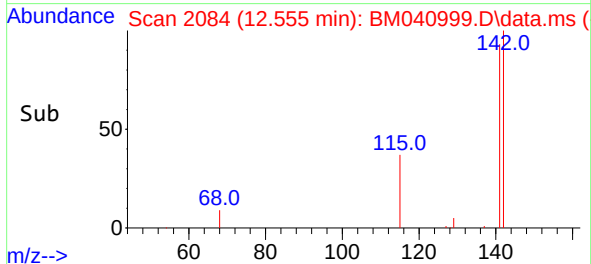
Instrument :
BNA_M
ClientSampleId :
A46R8



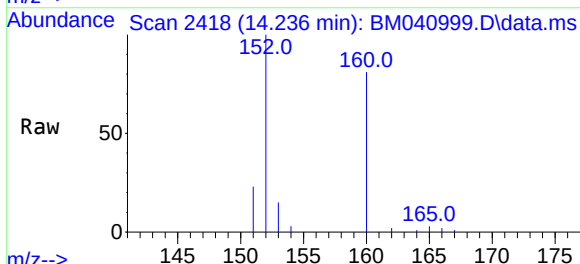
Tgt Ion:142 Resp: 373
Ion Ratio Lower Upper
142 100
141 92.8 73.4 110.2

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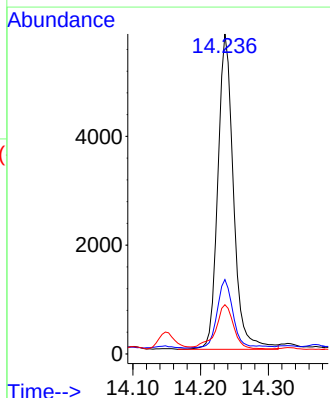
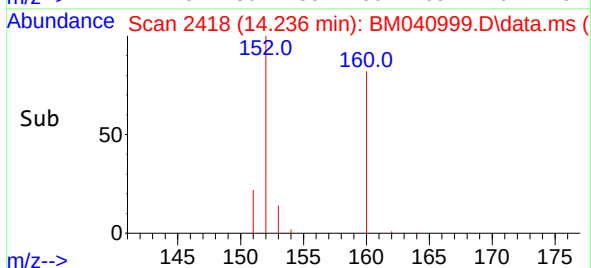
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

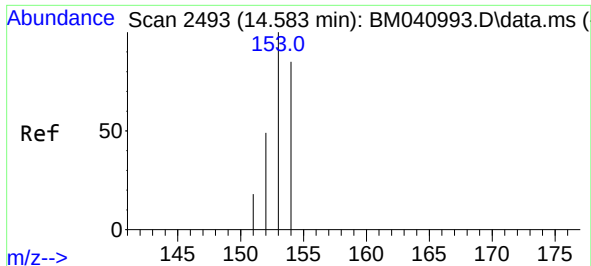


#10
Acenaphthylene
Concen: 0.403 ng/ul
RT: 14.236 min Scan# 2418
Delta R.T. -0.014 min
Lab File: BM040999.D
Acq: 21 Jul 2023 02:39



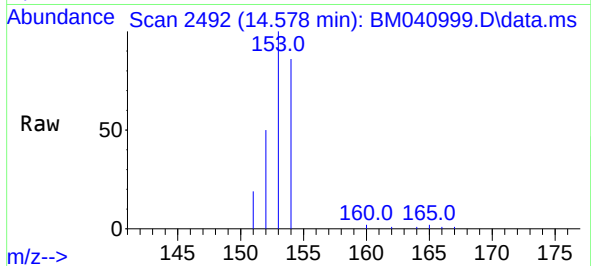
Tgt Ion:152 Resp: 9306
Ion Ratio Lower Upper
152 100
151 23.2 16.8 25.2
153 15.4 11.6 17.4





#11
Acenaphthene
Concen: 0.557 ng/ul
RT: 14.578 min Scan# 2492
Delta R.T. -0.009 min
Lab File: BM040999.D
Acq: 21 Jul 2023 02:39

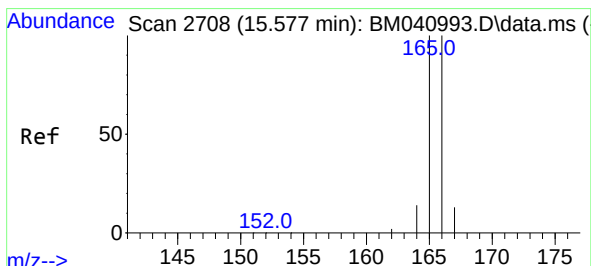
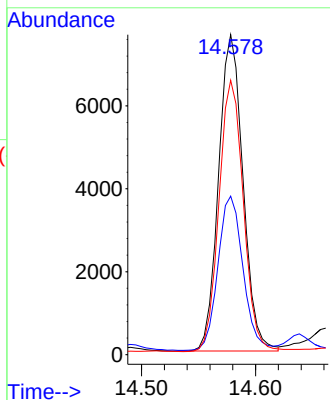
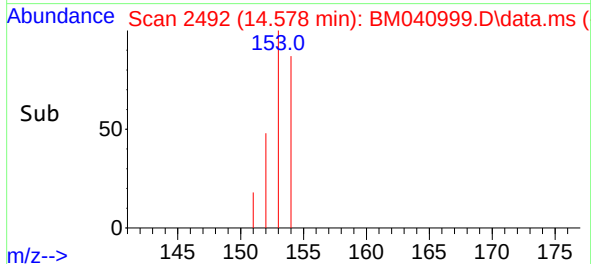
Instrument :
BNA_M
ClientSampleId :
A46R8



Tgt Ion:153 Resp: 1133
Ion Ratio Lower Upper
153 100
152 49.5 41.0 61.6
154 85.7 68.2 102.2

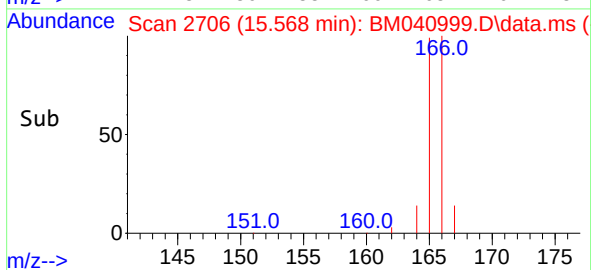
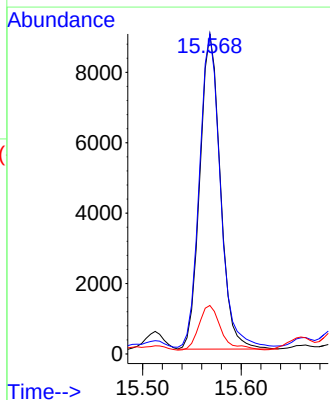
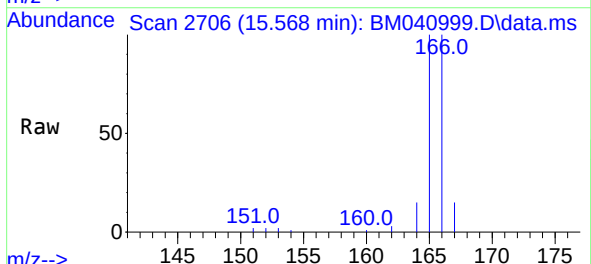
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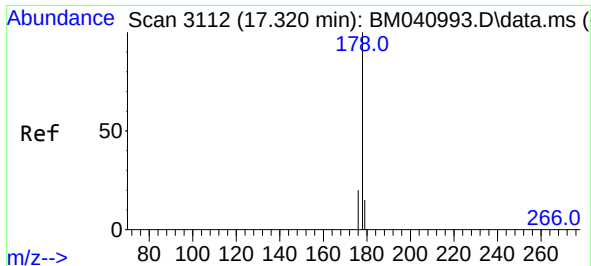
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#12
Fluorene
Concen: 0.613 ng/ul
RT: 15.568 min Scan# 2706
Delta R.T. -0.014 min
Lab File: BM040999.D
Acq: 21 Jul 2023 02:39

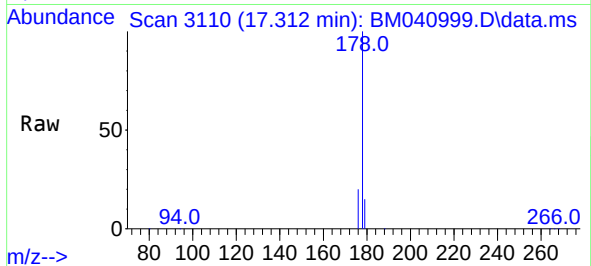
Tgt Ion:166 Resp: 12920
Ion Ratio Lower Upper
166 100
165 99.9 80.3 120.5
167 15.1 11.7 17.5





#15
Phenanthrene
Concen: 6.985 ng/u1
RT: 17.312 min Scan# 3112
Delta R.T. -0.013 min
Lab File: BM040999.D
Acq: 21 Jul 2023 02:39

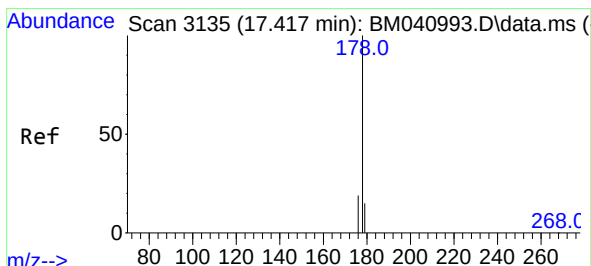
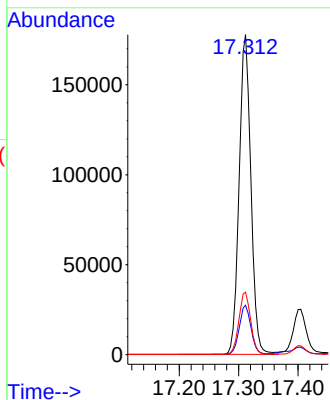
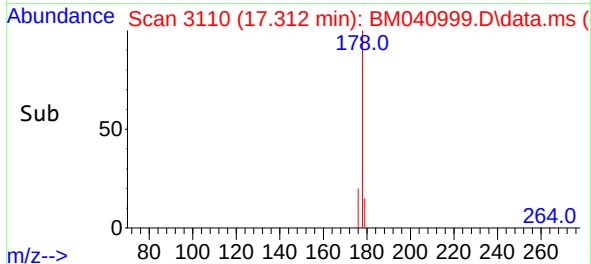
Instrument :
BNA_M
ClientSampleId :
A46R8



Tgt Ion:178 Resp: 24372
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.6 16.2 24.4

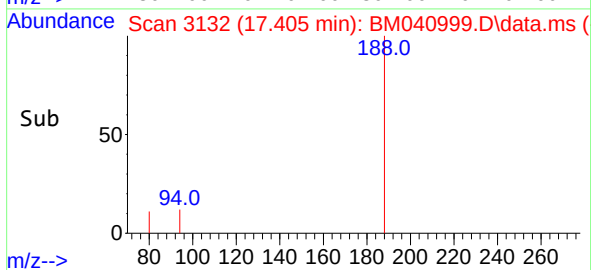
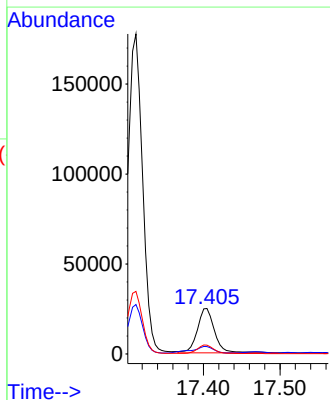
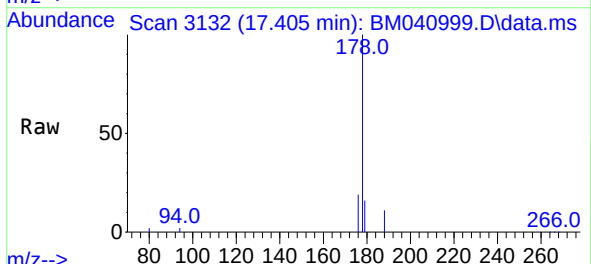
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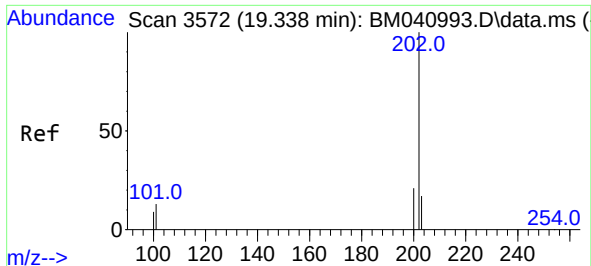
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#16
Anthracene
Concen: 1.422 ng/u1
RT: 17.405 min Scan# 3132
Delta R.T. -0.017 min
Lab File: BM040999.D
Acq: 21 Jul 2023 02:39

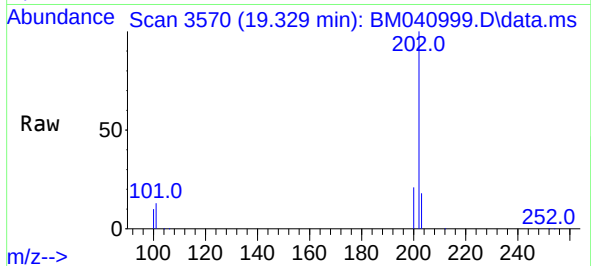
Tgt Ion:178 Resp: 38651
Ion Ratio Lower Upper
178 100
179 16.4 13.7 20.5
176 19.3 16.4 24.6





#19
Fluoranthene
Concen: 11.316 ng/ul
RT: 19.329 min Scan# 31
Delta R.T. -0.014 min
Lab File: BM040999.D
Acq: 21 Jul 2023 02:39

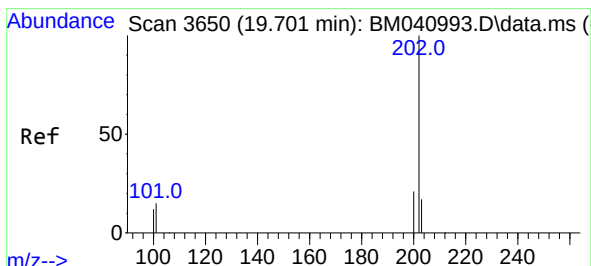
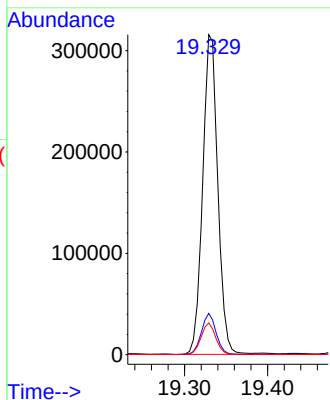
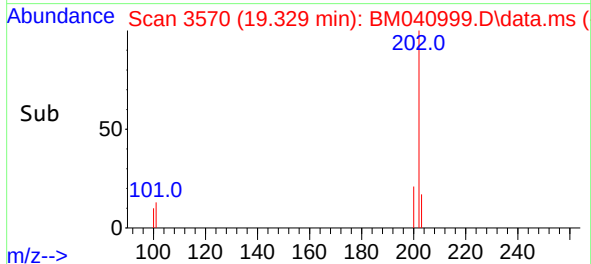
Instrument :
BNA_M
ClientSampleId :
A46R8



Tgt Ion:202 Resp: 400911
Ion Ratio Lower Upper
202 100
101 12.9 11.0 16.4
100 9.9 8.3 12.5

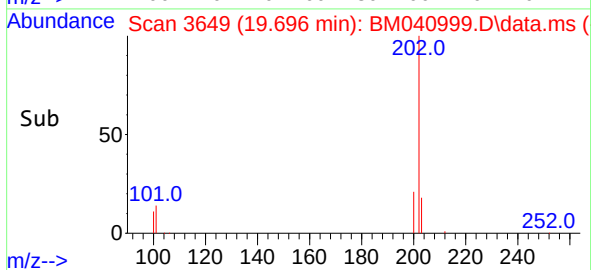
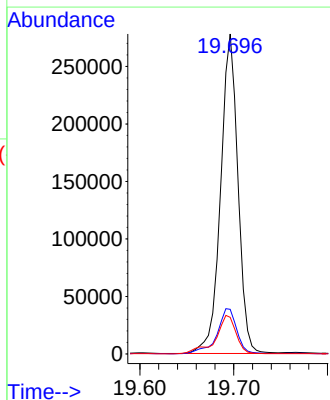
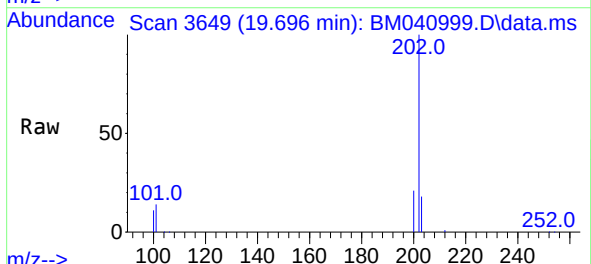
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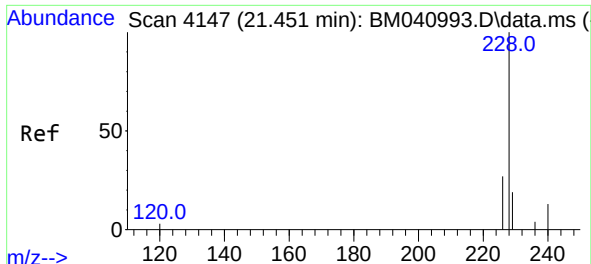
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#20
Pyrene
Concen: 9.875 ng/ul
RT: 19.696 min Scan# 3649
Delta R.T. -0.009 min
Lab File: BM040999.D
Acq: 21 Jul 2023 02:39

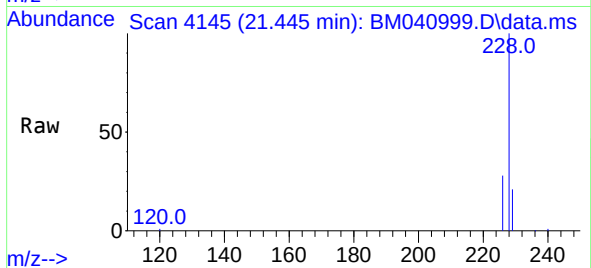
Tgt Ion:202 Resp: 357431
Ion Ratio Lower Upper
202 100
101 14.0 12.5 18.7
100 11.5 10.0 15.0





#21
Benzo(a)anthracene
Concen: 6.365 ng/u1
RT: 21.445 min Scan# 4145
Delta R.T. -0.012 min
Lab File: BM040999.D
Acq: 21 Jul 2023 02:39

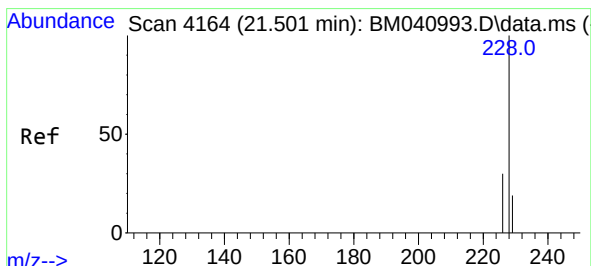
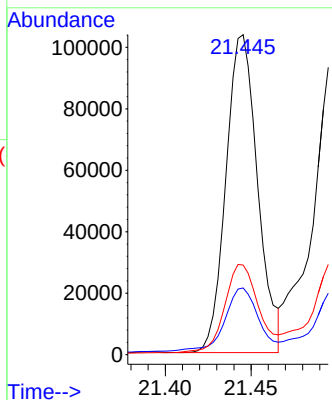
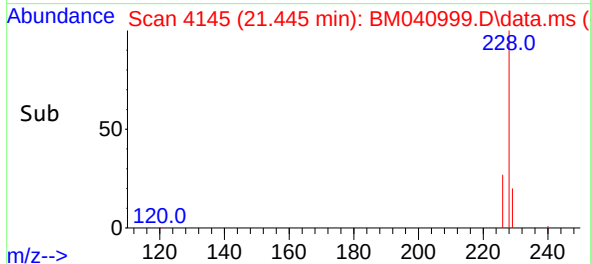
Instrument :
BNA_M
ClientSampleId :
A46R8



Tgt Ion:228 Resp: 133059
Ion Ratio Lower Upper
228 100
229 20.8 16.2 24.4
226 28.0 22.3 33.5

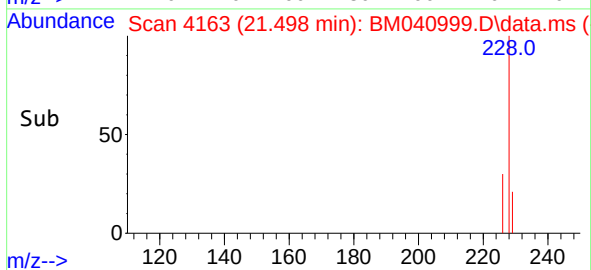
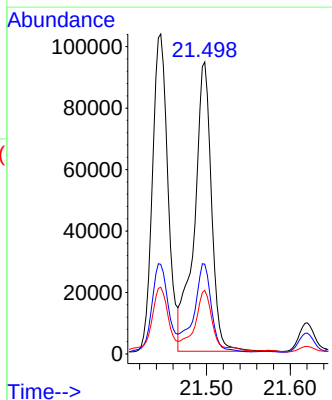
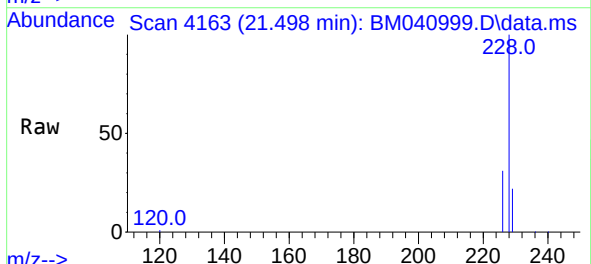
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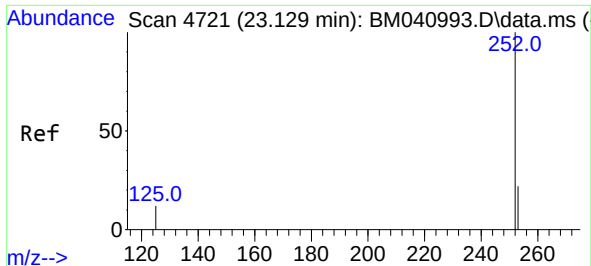
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#22
Chrysene
Concen: 5.603 ng/u1
RT: 21.498 min Scan# 4163
Delta R.T. -0.009 min
Lab File: BM040999.D
Acq: 21 Jul 2023 02:39

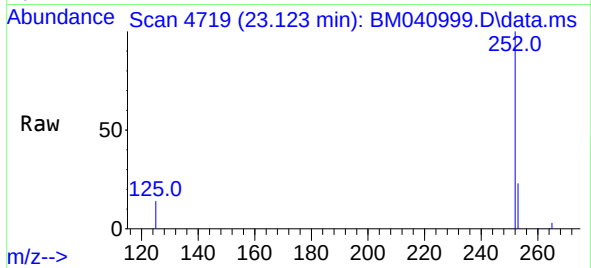
Tgt Ion:228 Resp: 133903
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 21.8 16.1 24.1





#24
Benzo(b)fluoranthene
Concen: 6.168 ng/ul
RT: 23.123 min Scan# 4719
Delta R.T. -0.012 min
Lab File: BM040999.D
Acq: 21 Jul 2023 02:39

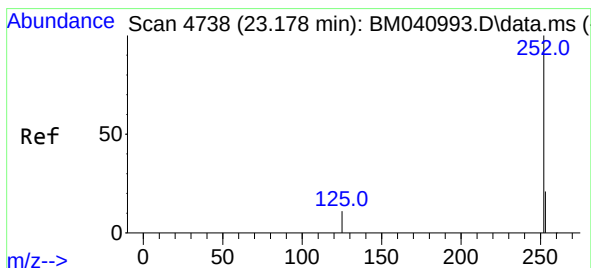
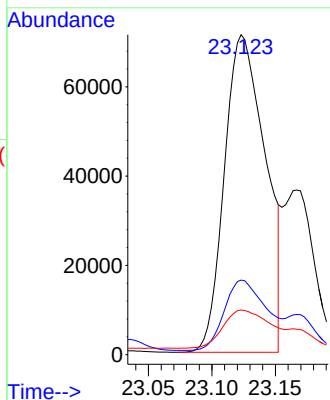
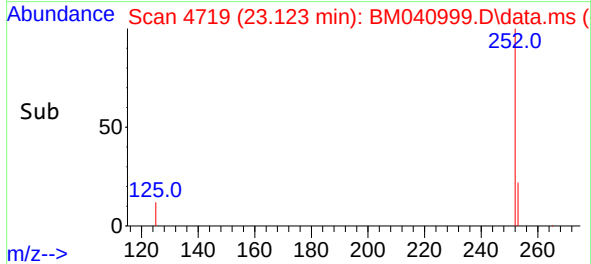
Instrument :
BNA_M
ClientSampleId :
A46R8



Tgt Ion:252 Resp: 15887
Ion Ratio Lower Upper
252 100
253 23.3 0.0 57.4
125 14.0 0.0 45.2

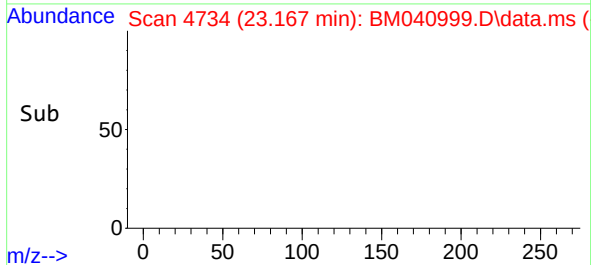
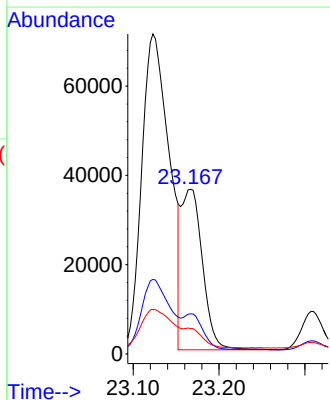
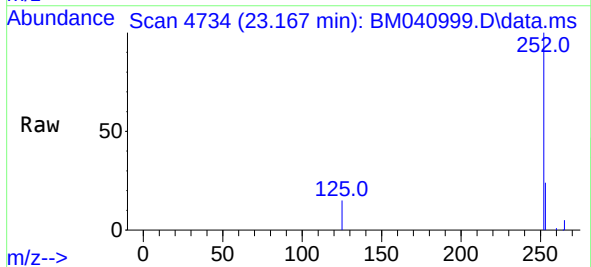
Manual Integrations
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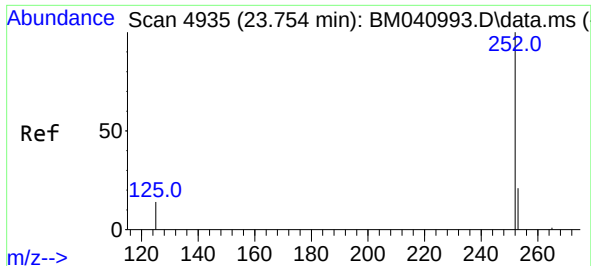
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023



#25
Benzo(k)fluoranthene
Concen: 2.552 ng/ul m
RT: 23.167 min Scan# 4734
Delta R.T. -0.020 min
Lab File: BM040999.D
Acq: 21 Jul 2023 02:39

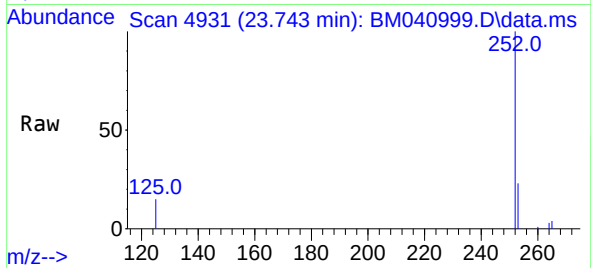
Tgt Ion:252 Resp: 62457
Ion Ratio Lower Upper
252 100
253 24.4 23.3 34.9
125 15.5 18.2 27.2#





#26
Benzo(a)pyrene
Concen: 4.466 ng/ul
RT: 23.743 min Scan# 4935
Delta R.T. -0.020 min
Lab File: BM040999.D
Acq: 21 Jul 2023 02:39

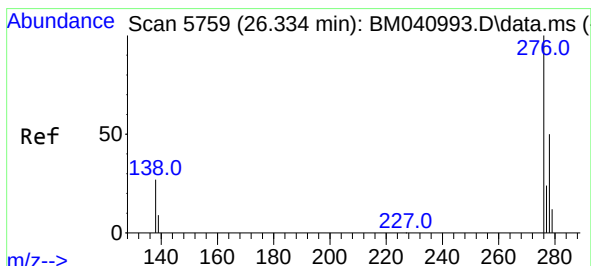
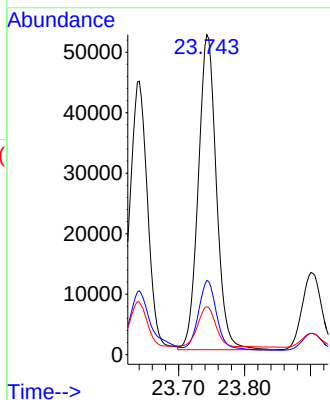
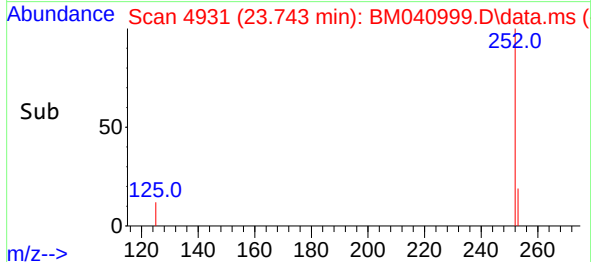
Instrument :
BNA_M
ClientSampleId :
A46R8



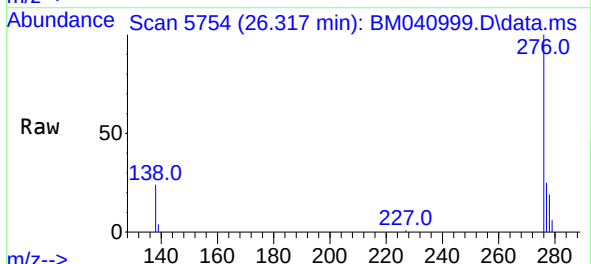
Tgt Ion:252 Resp: 9937
Ion Ratio Lower Upper
252 100
253 23.2 28.2 42.2
125 15.0 25.2 37.8

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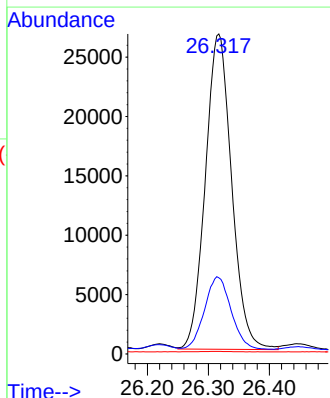
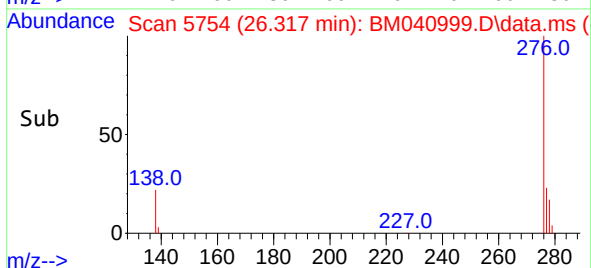
Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

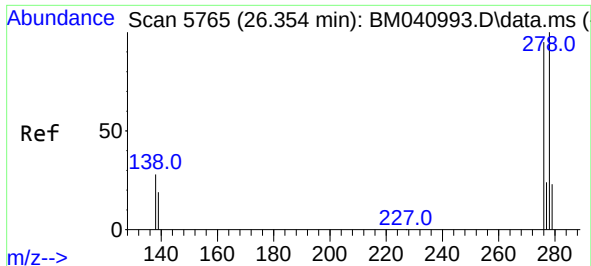


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.696 ng/ul
RT: 26.317 min Scan# 5754
Delta R.T. -0.033 min
Lab File: BM040999.D
Acq: 21 Jul 2023 02:39



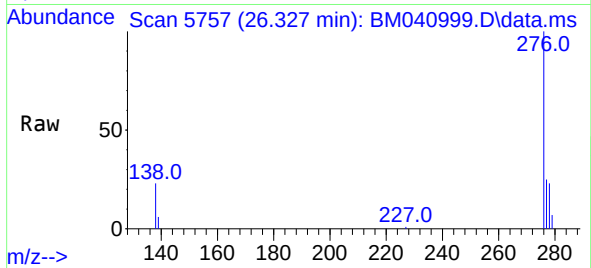
Tgt Ion:276 Resp: 79597
Ion Ratio Lower Upper
276 100
138 23.4 22.3 33.5
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.819 ng/ul
RT: 26.327 min Scan# 51
Delta R.T. -0.040 min
Lab File: BM040999.D
Acq: 21 Jul 2023 02:39

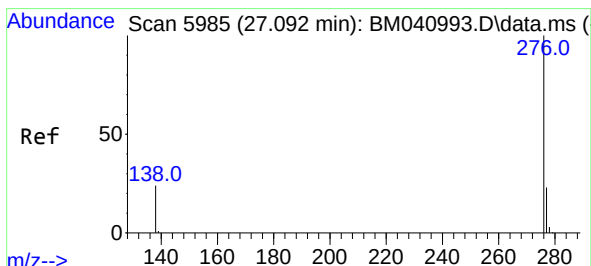
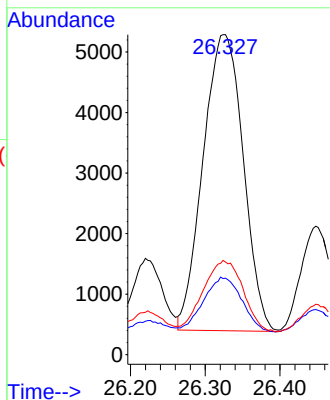
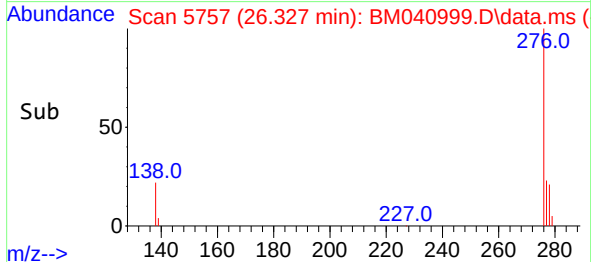
Instrument :
BNA_M
ClientSampleId :
A46R8



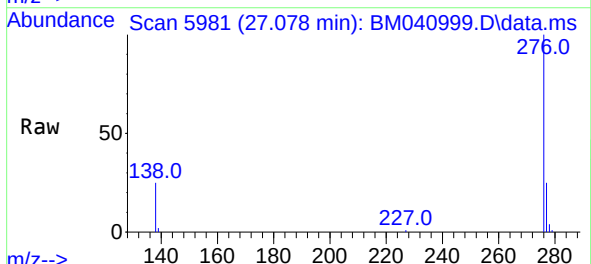
Tgt Ion:278 Resp: 1828
Ion Ratio Lower Upper
278 100
139 23.9 19.2 28.8
279 28.9 27.0 40.6

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 2.942 ng/ul
RT: 27.078 min Scan# 5981
Delta R.T. -0.023 min
Lab File: BM040999.D
Acq: 21 Jul 2023 02:39



Tgt Ion:276 Resp: 80261
Ion Ratio Lower Upper
276 100
138 24.7 22.6 34.0
277 24.5 21.2 31.8

