

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM040983.D
 Acq On : 20 Jul 2023 16:06
 Operator : MA/JU
 Sample : 03452-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46P3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :Sohil Jodhani 07/20/2023

Quant Time: Jul 20 17:10:04 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	7.866	152	3669	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.675	136	9056	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.518	164	3989	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.274	188	8897	0.400	ng/ul	0.00
17) Chrysene-d12	21.469	240	6378	0.400	ng/ul	# 0.00
23) Perylene-d12	23.862	264	6947	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	8870	1.470	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.269	152	3304	0.274	ng/ul	-0.01
18) Fluoranthene-d10	19.306	212	5578	0.208	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.724	128	7868	0.318	ng/ul	99
7) 2-Methylnaphthalene	12.341	142	799	0.059	ng/ul	98
8) 1-Methylnaphthalene	12.561	142	533	0.037	ng/ul	93
10) Acenaphthylene	14.240	152	2022	0.121	ng/ul#	83
11) Acenaphthene	14.583	153	2203	0.150	ng/ul	99
12) Fluorene	15.573	166	2128	0.140	ng/ul#	97
15) Phenanthrene	17.316	178	47456	1.785	ng/ul	99
16) Anthracene	17.409	178	6222	0.300	ng/ul	97
19) Fluoranthene	19.334	202	121670	3.695	ng/ul	99
20) Pyrene	19.701	202	74429	2.212	ng/ul	97
21) Benzo(a)anthracene	21.454	228	43670	2.248	ng/ul	98
22) Chrysene	21.507	228	51123	2.302	ng/ul	98
24) Benzo(b)fluoranthene	23.132	252	71318	2.675	ng/ul	92
25) Benzo(k)fluoranthene	23.175	252	25781m	1.018	ng/ul	
26) Benzo(a)pyrene	23.754	252	19949	0.866	ng/ul	90
27) Indeno(1,2,3-cd)pyrene	26.327	276	22507	0.736	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.337	278	7773	0.336	ng/ul#	75
29) Benzo(g,h,i)perylene	27.092	276	1587	0.056	ng/ul#	41

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

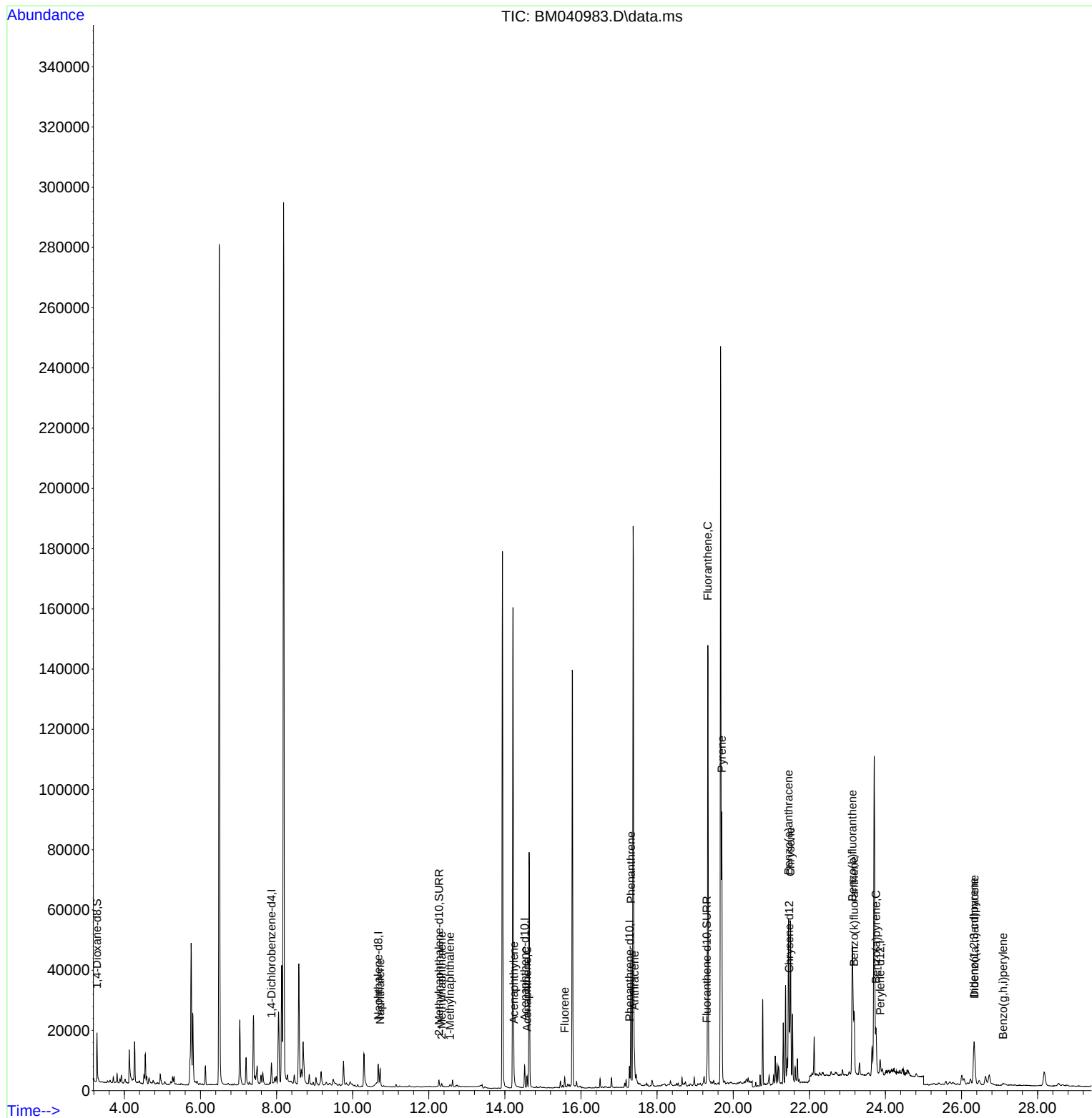
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM040983.D
Acq On : 20 Jul 2023 16:06
Operator : MA/JU
Sample : 03452-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

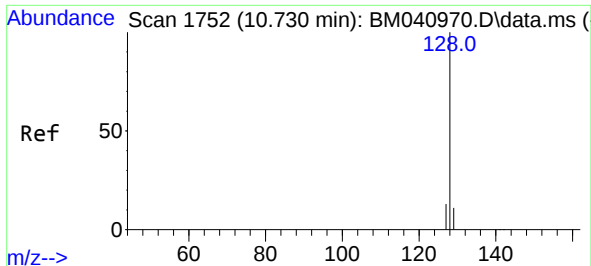
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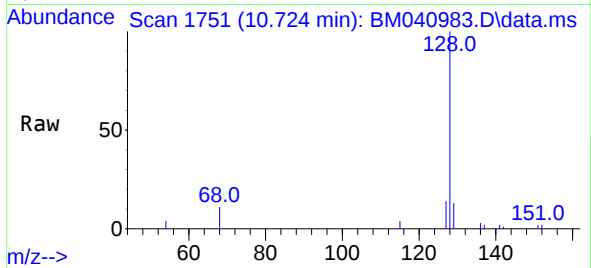
Quant Time: Jul 20 17:10:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 05:08:42 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.318 ng/ul
RT: 10.724 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM040983.D
Acq: 20 Jul 2023 16:06

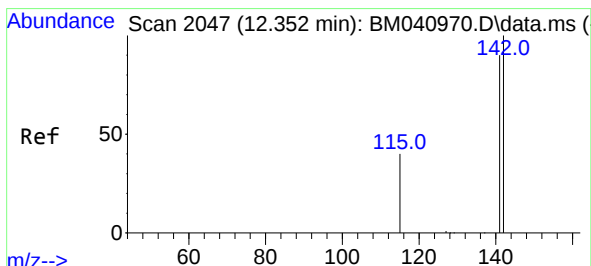
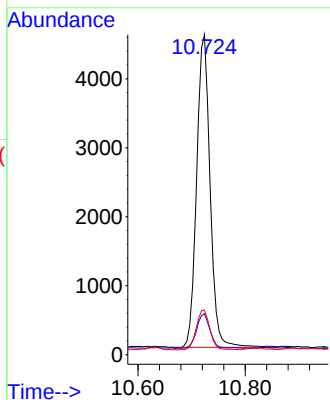
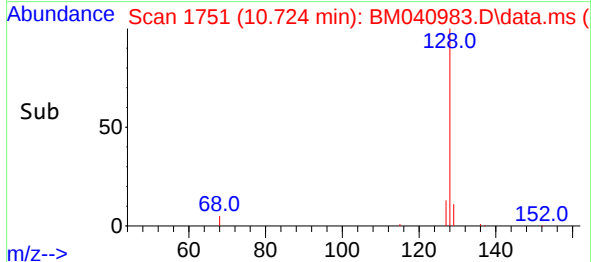
Instrument :
BNA_M
ClientSampleId :
A46P3



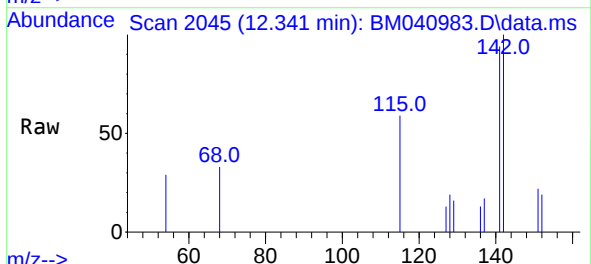
Tgt Ion:128 Resp: 786
Ion Ratio Lower Upper
128 100
129 12.8 9.8 14.8
127 13.9 11.0 16.4

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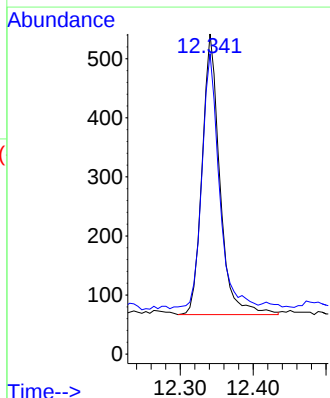
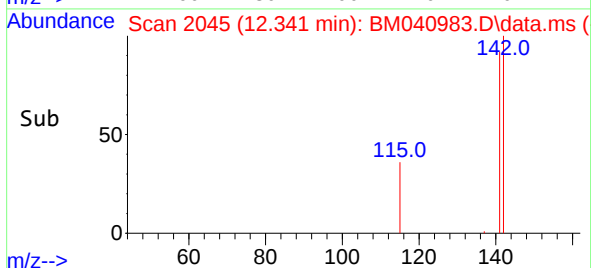
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

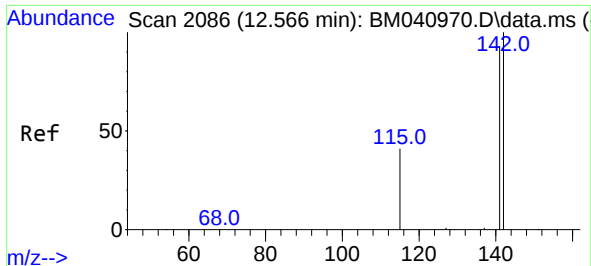


#7
2-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.341 min Scan# 2045
Delta R.T. -0.011 min
Lab File: BM040983.D
Acq: 20 Jul 2023 16:06



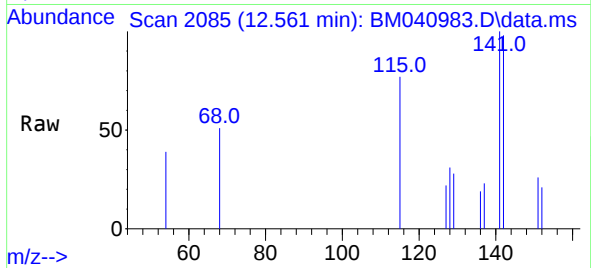
Tgt Ion:142 Resp: 799
Ion Ratio Lower Upper
142 100
141 89.6 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.561 min Scan# 2086
Delta R.T. -0.006 min
Lab File: BM040983.D
Acq: 20 Jul 2023 16:06

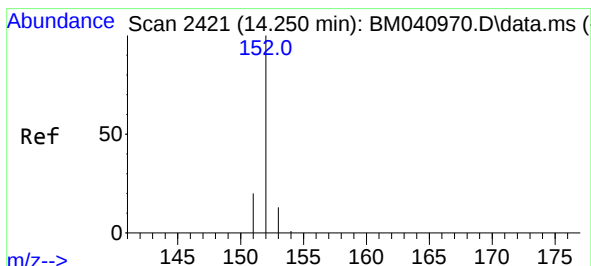
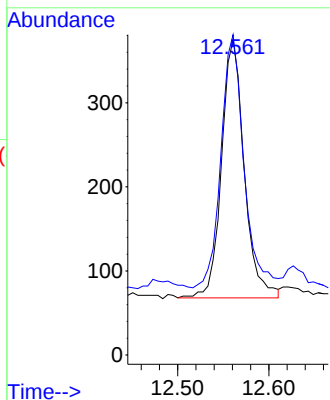
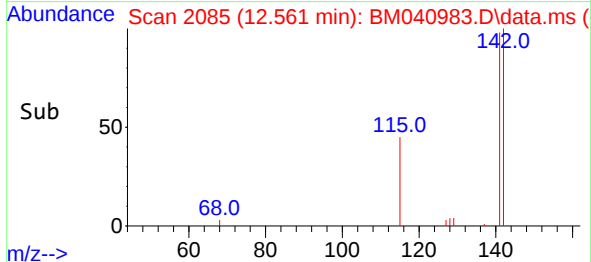
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 538
Ion Ratio Lower Upper
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141 98.5 73.4 110.2

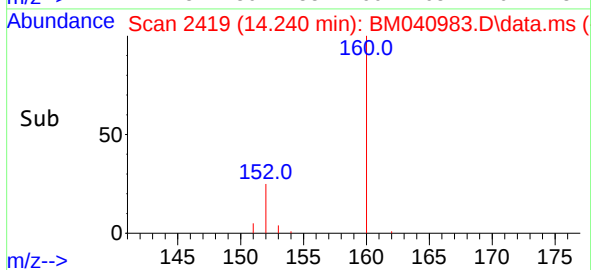
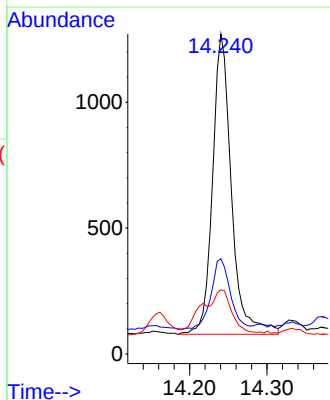
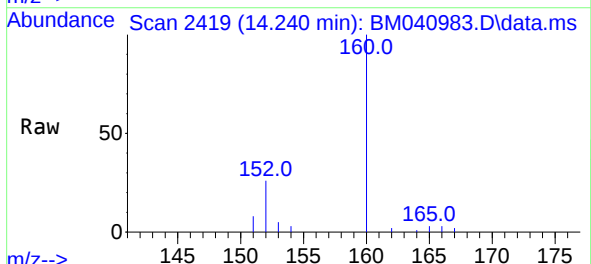
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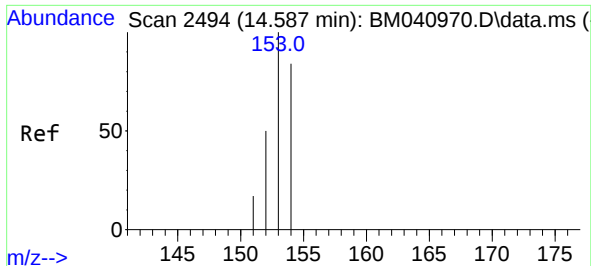
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#10
Acenaphthylene
Concen: 0.121 ng/ul
RT: 14.240 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BM040983.D
Acq: 20 Jul 2023 16:06

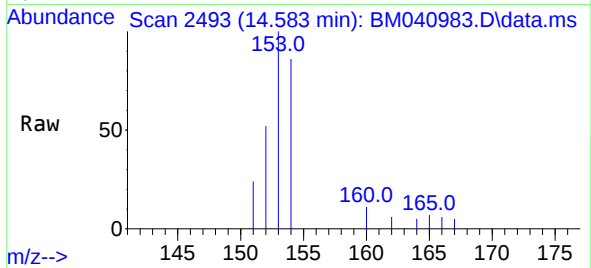
Tgt Ion:152 Resp: 2022
Ion Ratio Lower Upper
152 100
151 29.7 16.8 25.2#
153 20.1 11.6 17.4#





#11
Acenaphthene
Concen: 0.150 ng/ul
RT: 14.583 min Scan# 2493
Delta R.T. -0.005 min
Lab File: BM040983.D
Acq: 20 Jul 2023 16:06

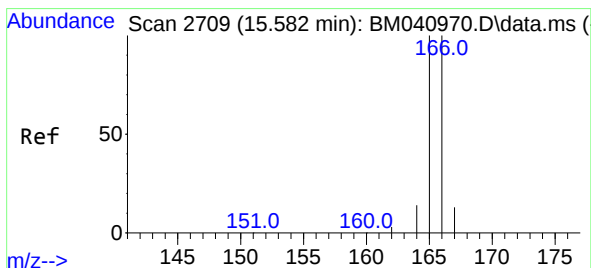
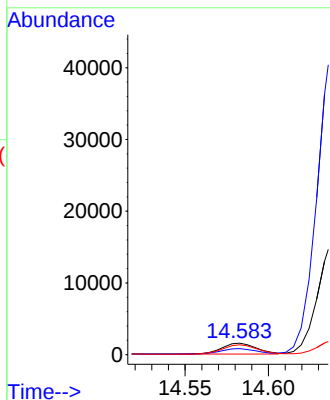
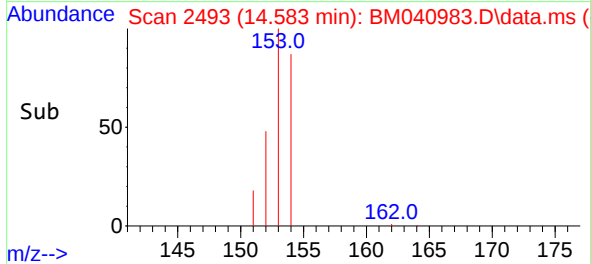
Instrument :
BNA_M
ClientSampleId :
A46P3



Tgt Ion:153 Resp: 220
Ion Ratio Lower Upper
153 100
152 52.3 41.0 61.6
154 86.1 68.2 102.2

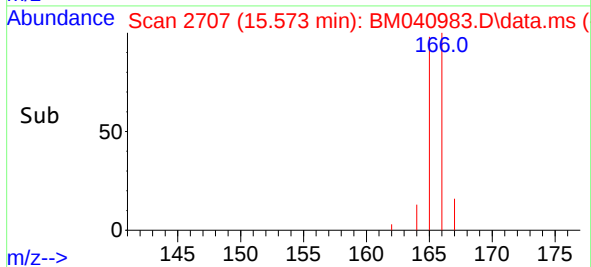
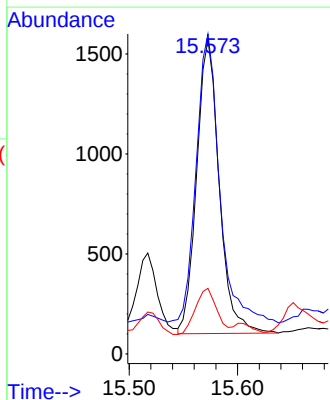
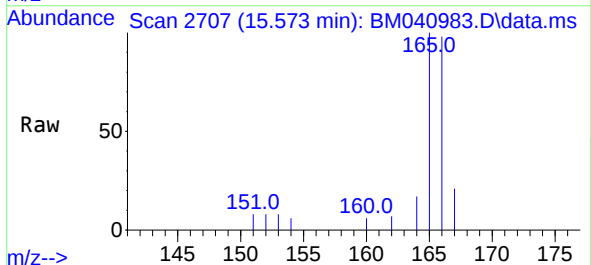
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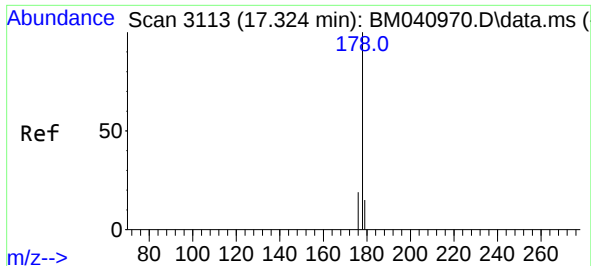
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#12
Fluorene
Concen: 0.140 ng/ul
RT: 15.573 min Scan# 2707
Delta R.T. -0.009 min
Lab File: BM040983.D
Acq: 20 Jul 2023 16:06

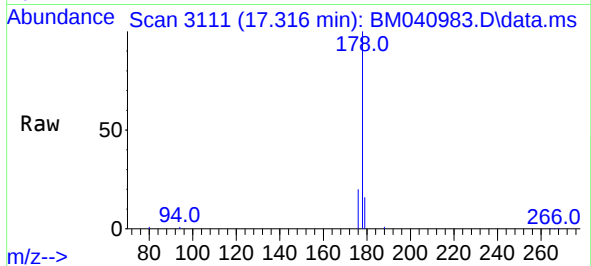
Tgt Ion:166 Resp: 2128
Ion Ratio Lower Upper
166 100
165 101.8 80.3 120.5
167 20.9 11.7 17.5#





#15
Phenanthrene
Concen: 1.785 ng/u1
RT: 17.316 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BM040983.D
Acq: 20 Jul 2023 16:06

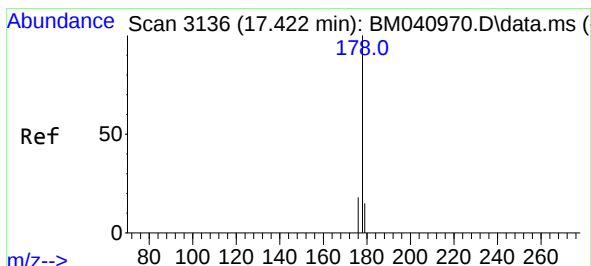
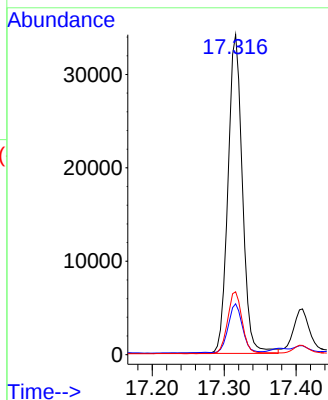
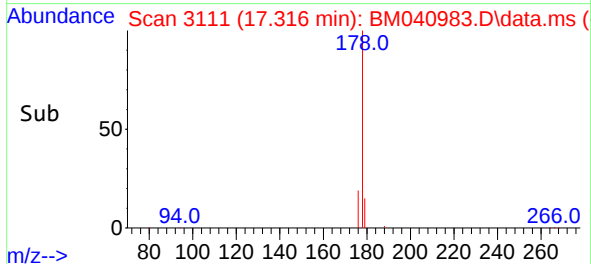
Instrument :
BNA_M
ClientSampleId :
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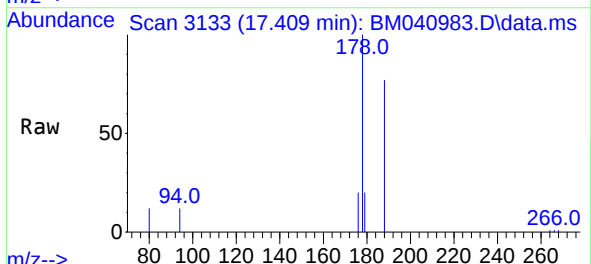
Tgt Ion:178 Resp: 47450
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 19.7 16.2 24.4

Manual Integrations
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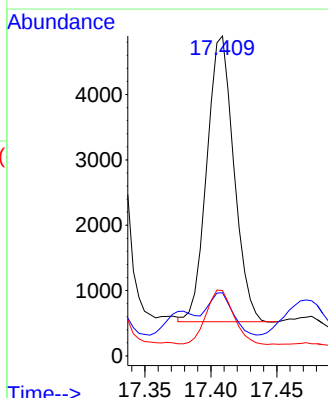
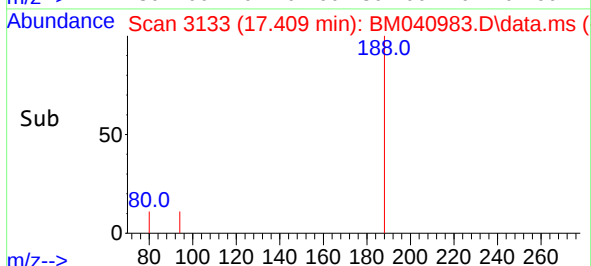
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

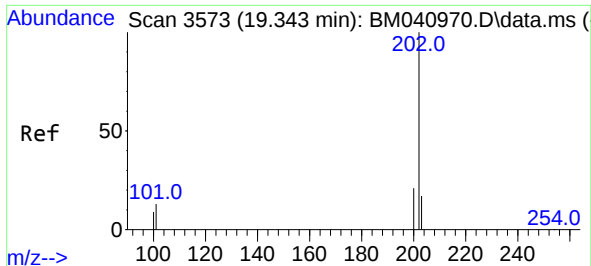


#16
Anthracene
Concen: 0.300 ng/u1
RT: 17.409 min Scan# 3133
Delta R.T. -0.013 min
Lab File: BM040983.D
Acq: 20 Jul 2023 16:06



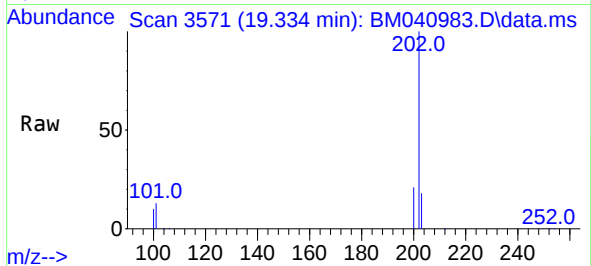
Tgt Ion:178 Resp: 6222
Ion Ratio Lower Upper
178 100
179 19.7 13.7 20.5
176 20.4 16.4 24.6





#19
Fluoranthene
Concen: 3.695 ng/u1
RT: 19.334 min Scan# 3573
Delta R.T. -0.009 min
Lab File: BM040983.D
Acq: 20 Jul 2023 16:06

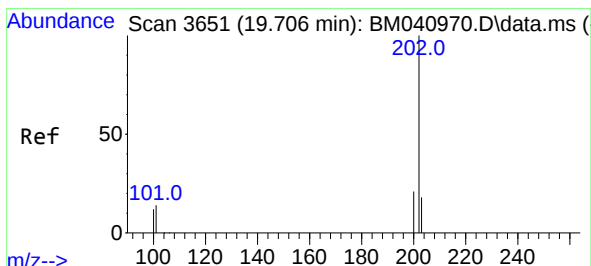
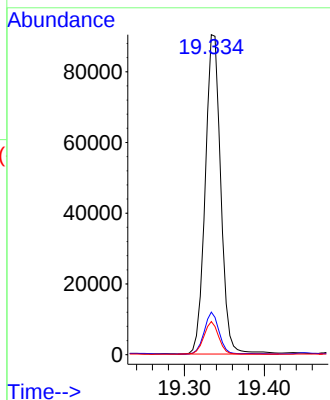
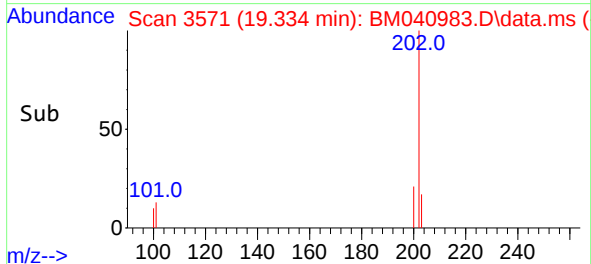
Instrument :
BNA_M
ClientSampleId :
A46P3



Tgt Ion:202 Resp: 121670
Ion Ratio Lower Upper
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101 13.3 11.0 16.4
100 10.4 8.3 12.5

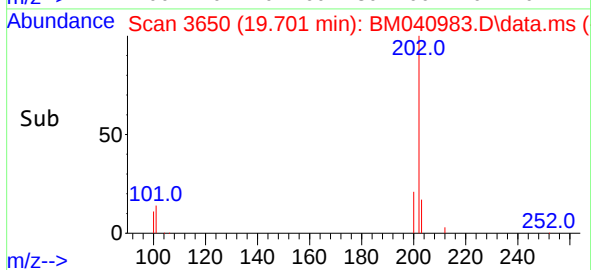
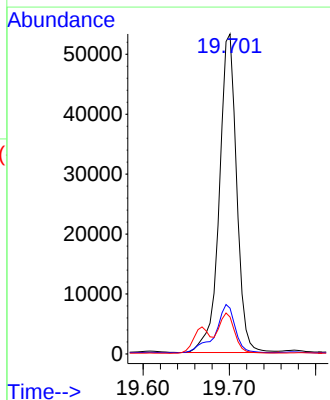
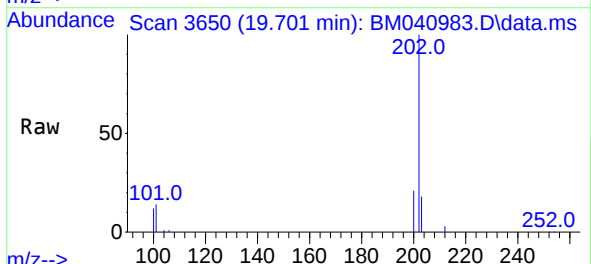
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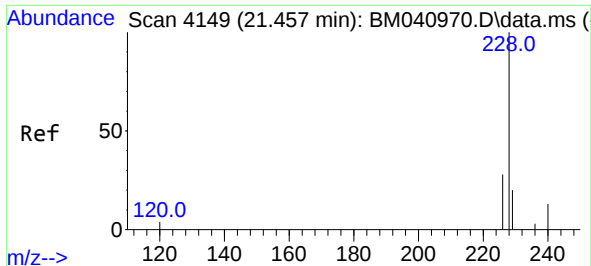
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#20
Pyrene
Concen: 2.212 ng/u1
RT: 19.701 min Scan# 3650
Delta R.T. -0.005 min
Lab File: BM040983.D
Acq: 20 Jul 2023 16:06

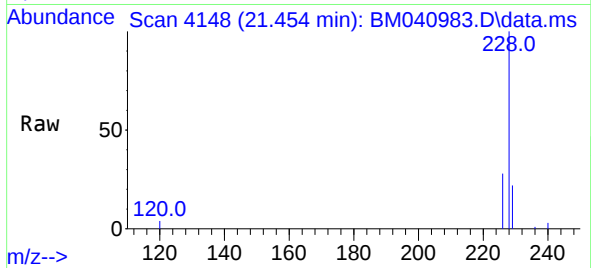
Tgt Ion:202 Resp: 74429
Ion Ratio Lower Upper
202 100
101 14.3 12.5 18.7
100 11.5 10.0 15.0





#21
Benzo(a)anthracene
Concen: 2.248 ng/u1
RT: 21.454 min Scan# 4149
Delta R.T. -0.003 min
Lab File: BM040983.D
Acq: 20 Jul 2023 16:06

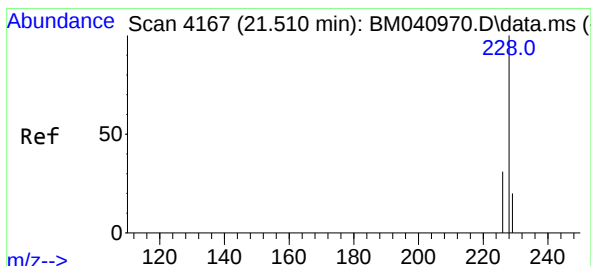
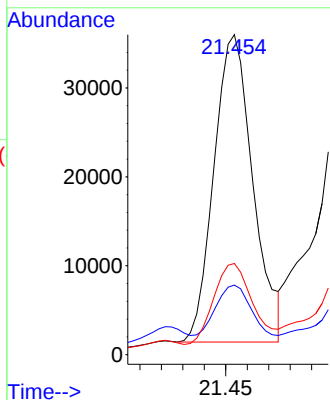
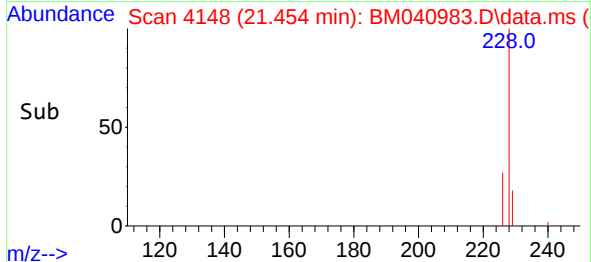
Instrument :
BNA_M
ClientSampleId :
A46P3



Tgt Ion:228 Resp: 43670
Ion Ratio Lower Upper
228 100
229 21.8 16.2 24.4
226 28.5 22.3 33.5

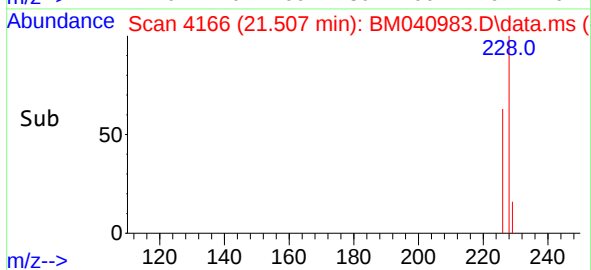
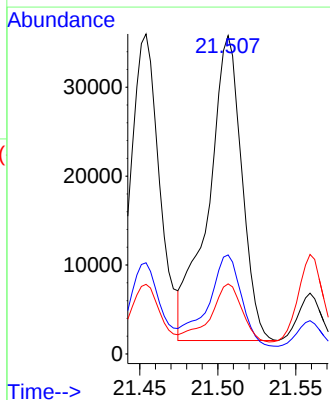
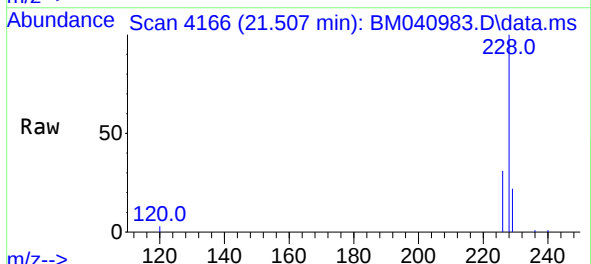
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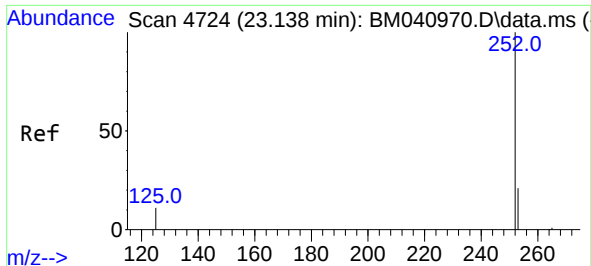
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#22
Chrysene
Concen: 2.302 ng/u1
RT: 21.507 min Scan# 4166
Delta R.T. -0.000 min
Lab File: BM040983.D
Acq: 20 Jul 2023 16:06

Tgt Ion:228 Resp: 51123
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 22.0 16.1 24.1





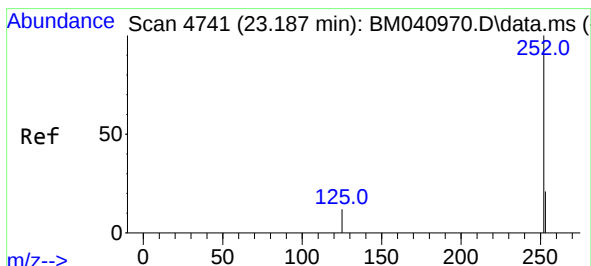
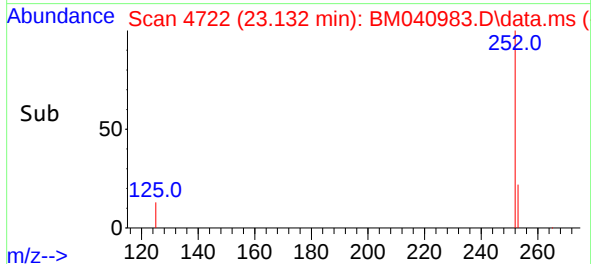
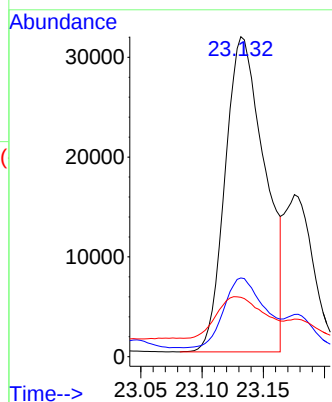
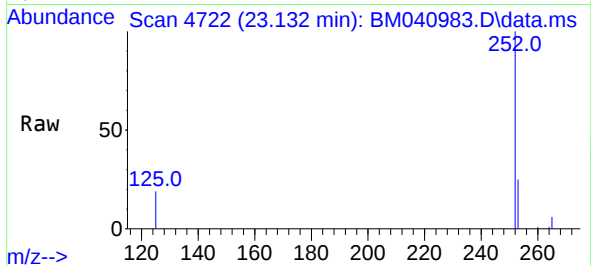
#24
Benzo(b)fluoranthene
Concen: 2.675 ng/ul
RT: 23.132 min Scan# 4722
Delta R.T. -0.003 min
Lab File: BM040983.D
Acq: 20 Jul 2023 16:06

Instrument :
BNA_M
ClientSampleId :
A46P3

Tgt Ion:252 Resp: 71318
Ion Ratio Lower Upper
252 100
253 24.6 0.0 57.4
125 18.6 0.0 45.2

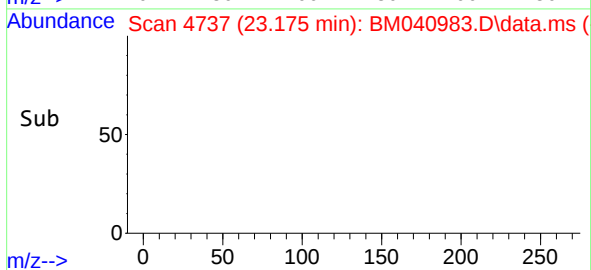
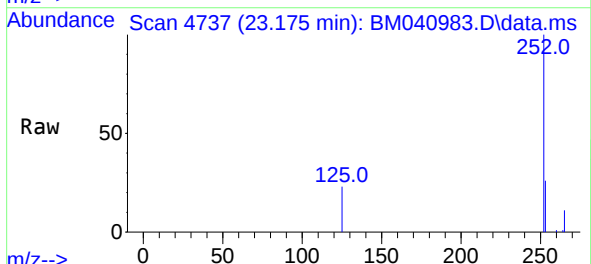
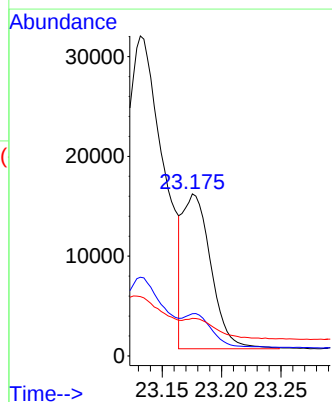
Manual Integrations
APPROVED

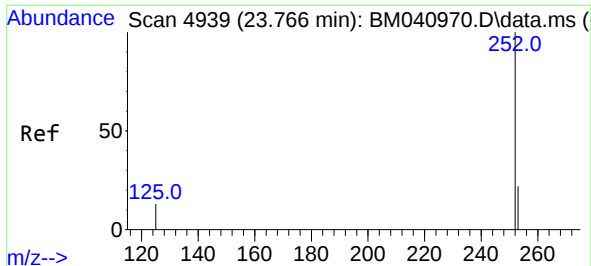
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#25
Benzo(k)fluoranthene
Concen: 1.018 ng/ul m
RT: 23.175 min Scan# 4737
Delta R.T. -0.012 min
Lab File: BM040983.D
Acq: 20 Jul 2023 16:06

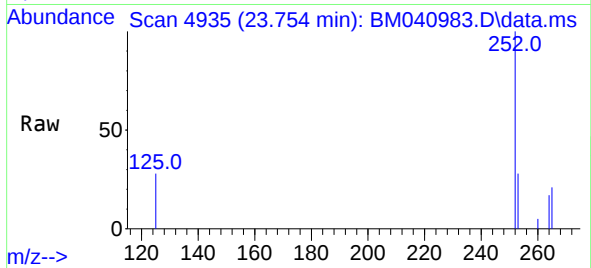
Tgt Ion:252 Resp: 25781
Ion Ratio Lower Upper
252 100
253 26.0 23.3 34.9
125 23.2 18.2 27.2





#26
Benzo(a)pyrene
Concen: 0.866 ng/ul
RT: 23.754 min Scan# 4935
Delta R.T. -0.009 min
Lab File: BM040983.D
Acq: 20 Jul 2023 16:06

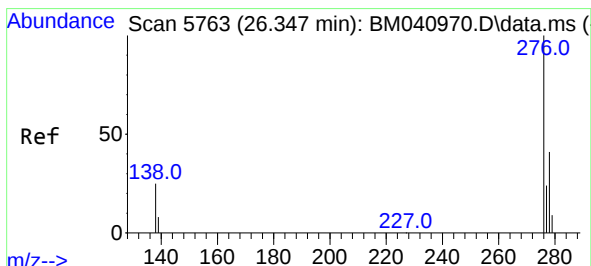
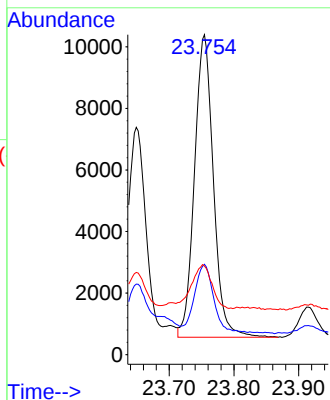
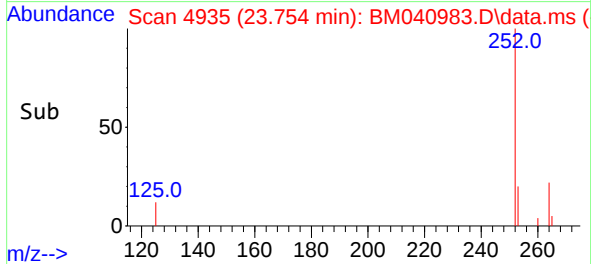
Instrument :
BNA_M
ClientSampleId :
A46P3



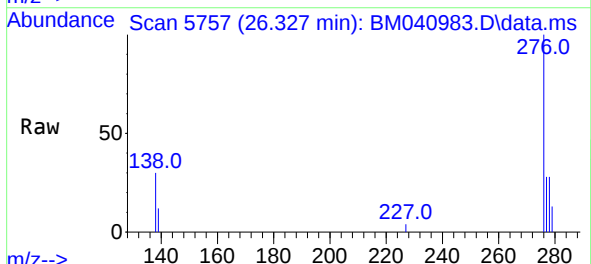
Tgt Ion:252 Resp: 19949
Ion Ratio Lower Upper
252 100
253 28.2 28.2 42.2
125 27.7 25.2 37.8

Manual Integrations
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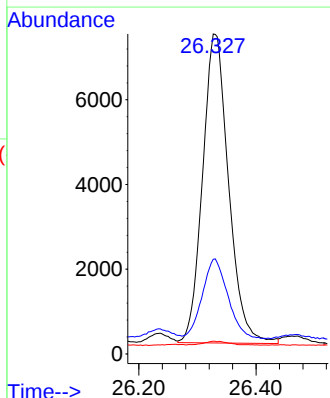
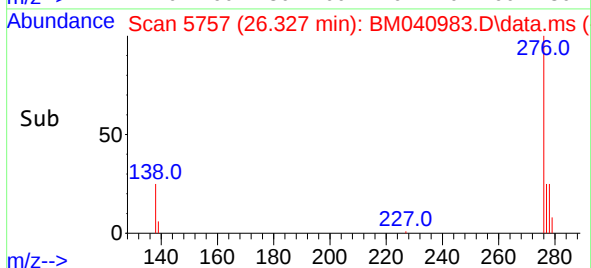
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

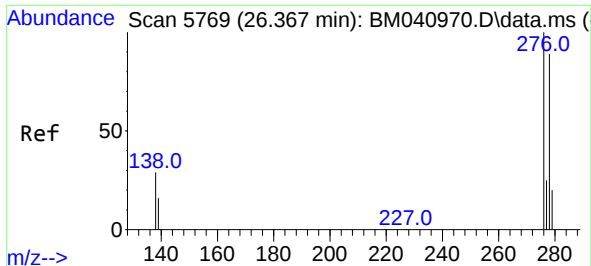


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.736 ng/ul
RT: 26.327 min Scan# 5757
Delta R.T. -0.024 min
Lab File: BM040983.D
Acq: 20 Jul 2023 16:06



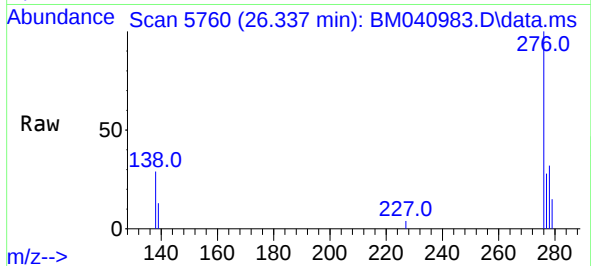
Tgt Ion:276 Resp: 22507
Ion Ratio Lower Upper
276 100
138 25.4 22.3 33.5
227 1.3 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.336 ng/ul
RT: 26.337 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM040983.D
Acq: 20 Jul 2023 16:06

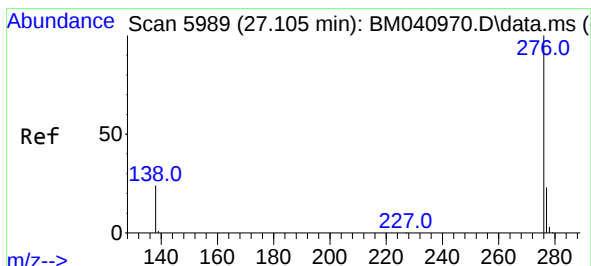
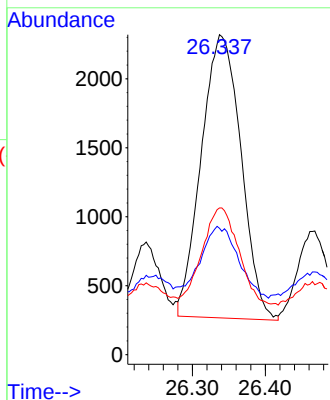
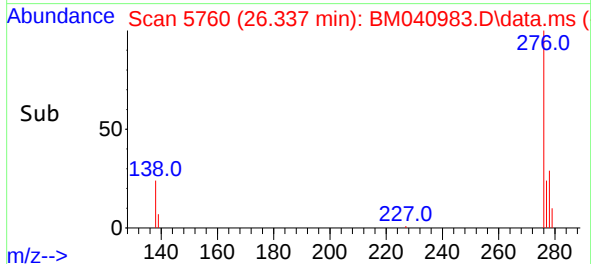
Instrument :
BNA_M
ClientSampleId :
A46P3



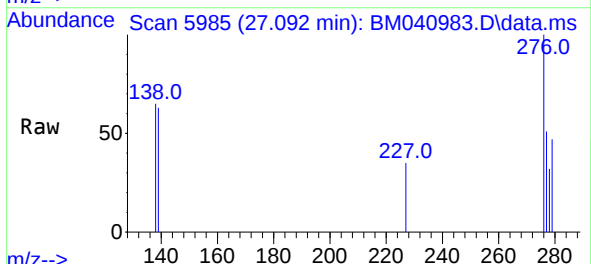
Tgt Ion:278 Resp: 777
Ion Ratio Lower Upper
278 100
139 39.5 19.2 28.8
279 45.9 27.0 40.6

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Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#29
Benzo(g,h,i)perylene
Concen: 0.056 ng/ul
RT: 27.092 min Scan# 5985
Delta R.T. -0.010 min
Lab File: BM040983.D
Acq: 20 Jul 2023 16:06



Tgt Ion:276 Resp: 1587
Ion Ratio Lower Upper
276 100
138 65.4 22.6 34.0#
277 51.1 21.2 31.8#

