

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
 Data File : BM034893.D
 Acq On : 03 May 2022 16:32
 Operator : CG/JU
 Sample : N2562-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW461

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/04/2022
 Supervised By :Yogesh Patel 05/05/2022

Quant Time: May 04 03:01:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 02:59:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	5214	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	13728	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.561	164	7567	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	14615	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.474	240	11998	0.400	ng/ul	# 0.00
23) Perylene-d12	23.862	264	11995	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.373	96	11123	1.929	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	2478	0.128	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	5489	0.145	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.343	178	3783	0.078	ng/ul	98
19) Fluoranthene	19.354	202	5353	0.093	ng/ul#	90
20) Pyrene	19.712	202	4427m	0.077	ng/ul	
21) Benzo(a)anthracene	21.459	228	2429	0.052	ng/ul#	88
22) Chrysene	21.509	228	2943	0.059	ng/ul#	90
24) Benzo(b)fluoranthene	23.137	252	3049	0.056	ng/ul#	33
25) Benzo(k)fluoranthene	23.180	252	1349	0.025	ng/ul#	4
26) Benzo(a)pyrene	23.756	252	1507	0.034	ng/ul#	19
27) Indeno(1,2,3-cd)pyrene	26.329	276	1352	0.022	ng/ul#	56
29) Benzo(g,h,i)perylene	27.084	276	1117	0.021	ng/ul#	40

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

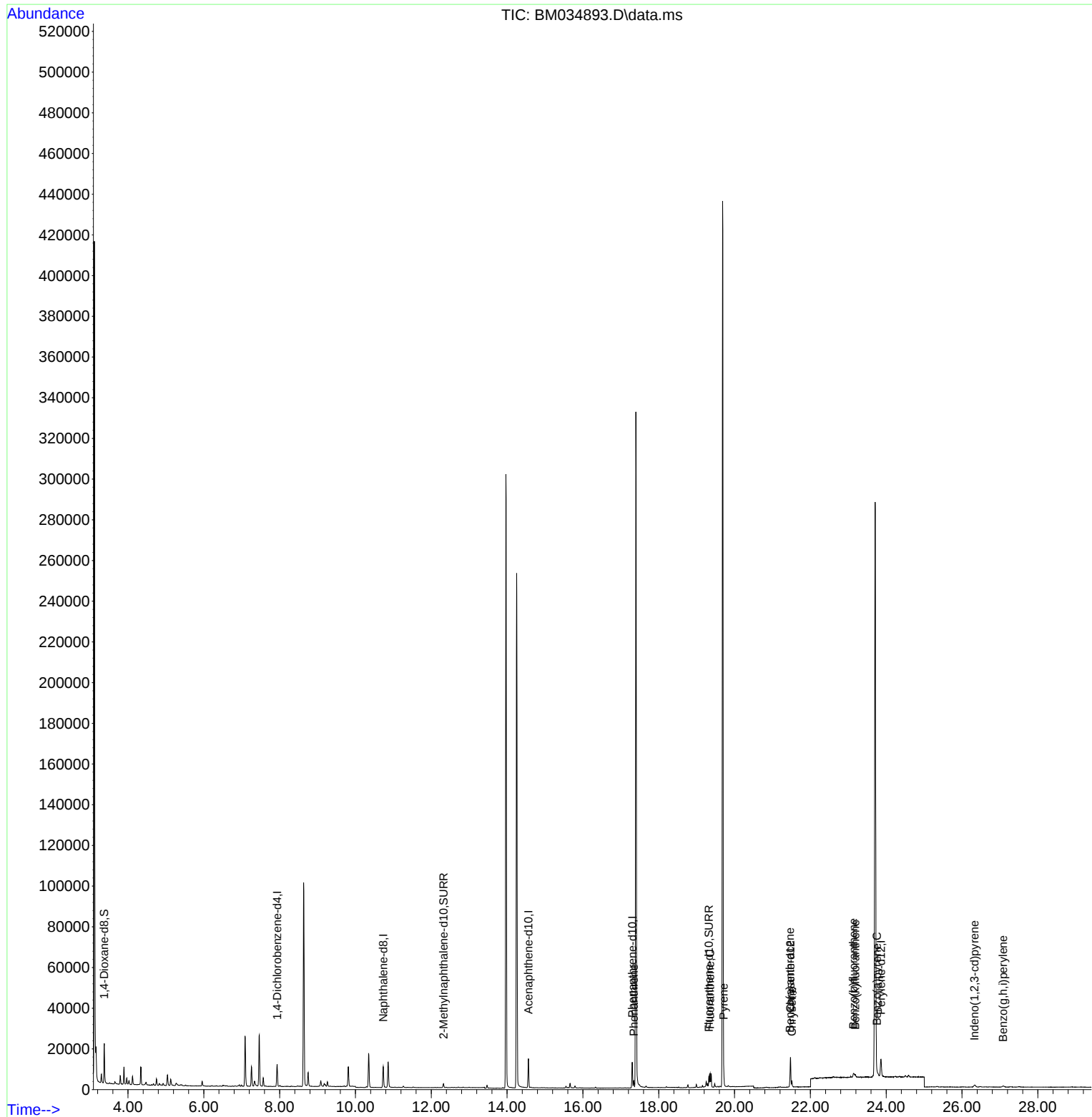
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050322\
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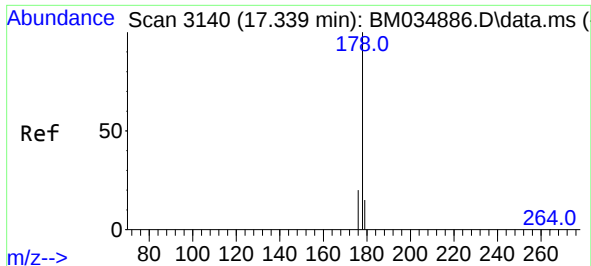
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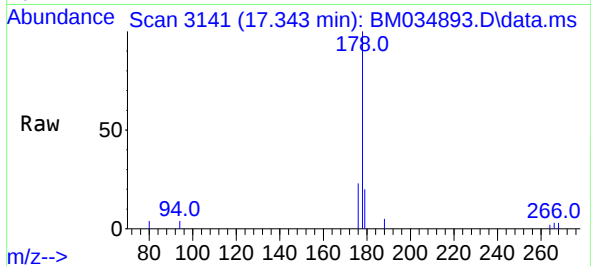
Quant Time: May 04 03:01:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 02:59:36 2022
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.078 ng/u1
RT: 17.343 min Scan# 3140
Delta R.T. 0.003 min
Lab File: BM034893.D
Acq: 03 May 2022 16:32

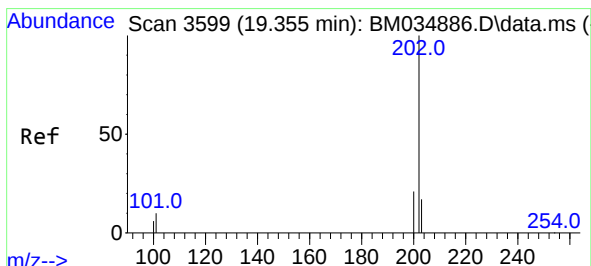
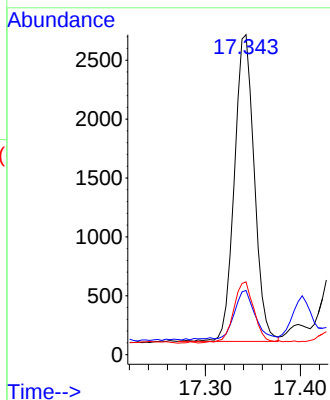
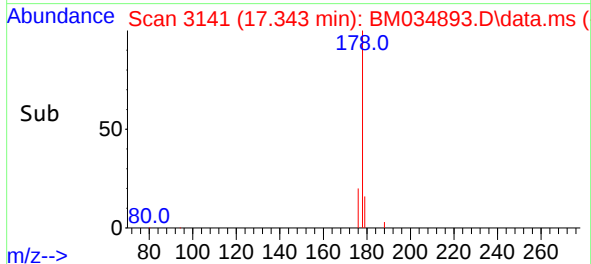
Instrument :
BNA_M
ClientSampleId :
EW461



Tgt Ion:178 Resp: 378
Ion Ratio Lower Upper
178 100
179 20.1 15.0 22.6
176 22.7 17.9 26.9

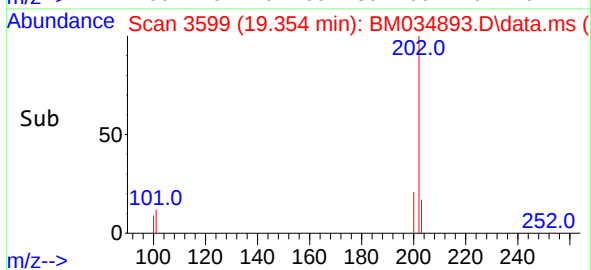
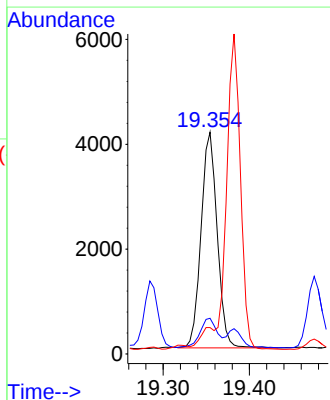
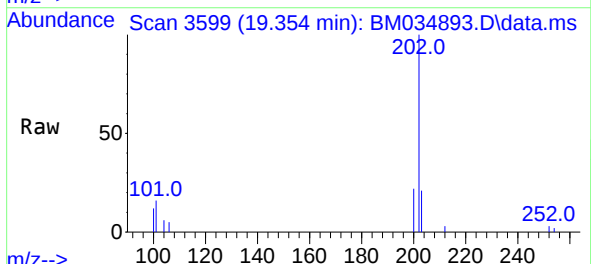
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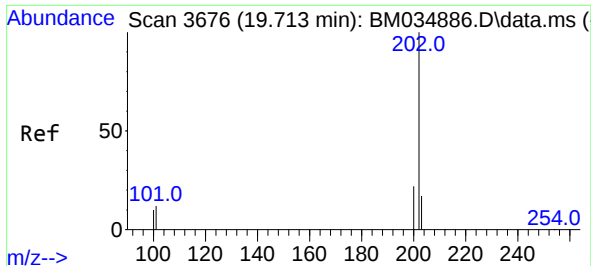
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022



#19
Fluoranthene
Concen: 0.093 ng/u1
RT: 19.354 min Scan# 3599
Delta R.T. -0.001 min
Lab File: BM034893.D
Acq: 03 May 2022 16:32

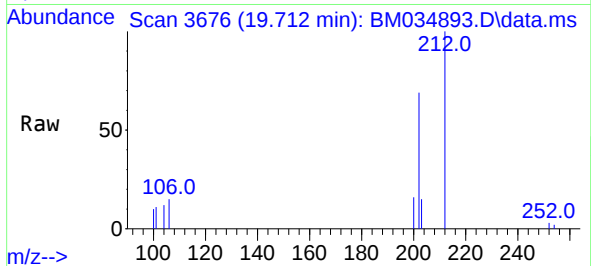
Tgt Ion:202 Resp: 5353
Ion Ratio Lower Upper
202 100
101 16.1 9.2 13.8#
100 11.9 7.2 10.8#





#20
Pyrene
Concen: 0.077 ng/ul m
RT: 19.712 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM034893.D
Acq: 03 May 2022 16:32

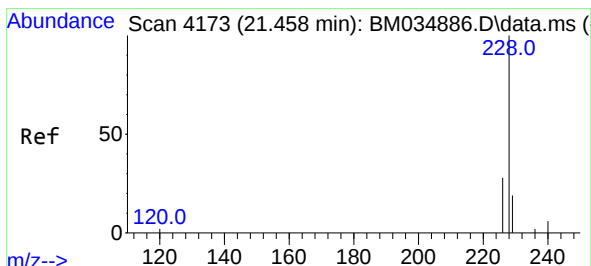
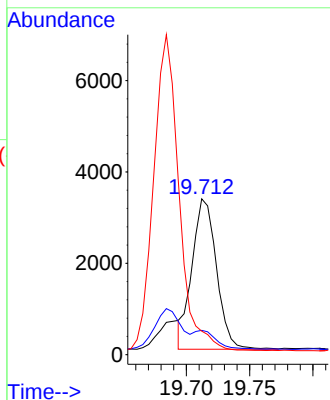
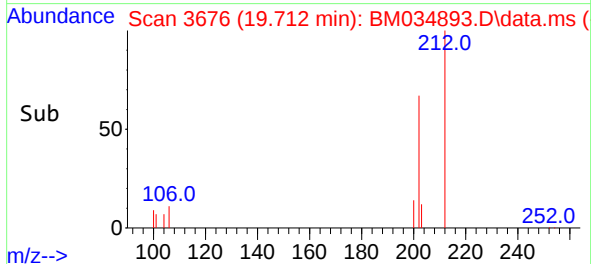
Instrument :
BNA_M
ClientSampleId :
EW461



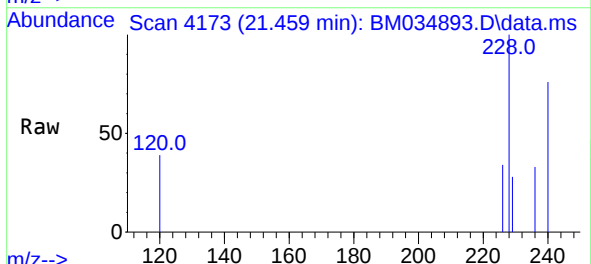
Tgt Ion:202 Resp: 442
Ion Ratio Lower Upper
202 100
101 15.6 9.3 13.9
100 15.1 7.8 11.6

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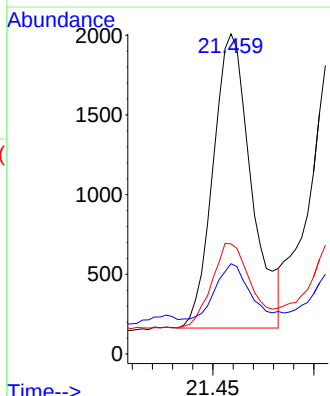
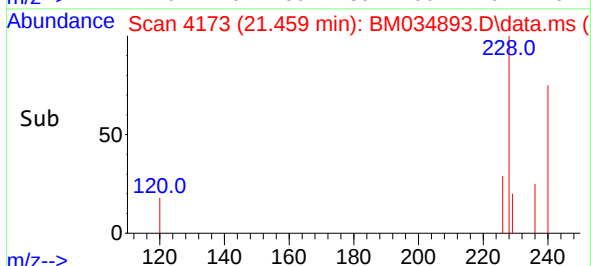
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Supervised By :Yogesh Patel 05/05/2022

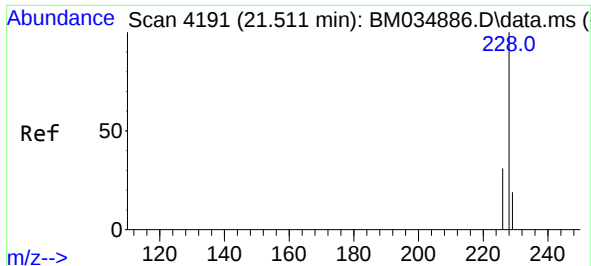


#21
Benzo(a)anthracene
Concen: 0.052 ng/ul
RT: 21.459 min Scan# 4173
Delta R.T. 0.001 min
Lab File: BM034893.D
Acq: 03 May 2022 16:32



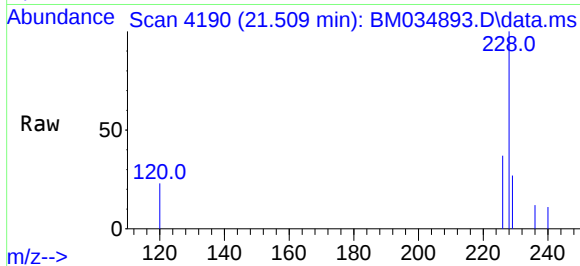
Tgt Ion:228 Resp: 2429
Ion Ratio Lower Upper
228 100
229 28.2 17.3 25.9
226 34.4 23.2 34.8





#22
Chrysene
Concen: 0.059 ng/u1
RT: 21.509 min Scan# 4191
Delta R.T. -0.002 min
Lab File: BM034893.D
Acq: 03 May 2022 16:32

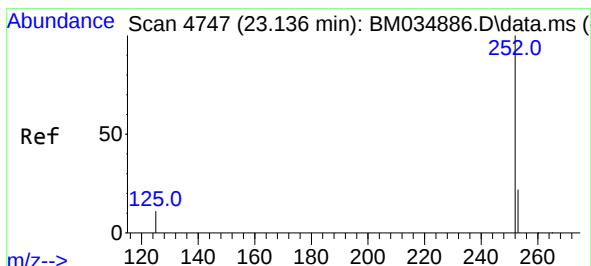
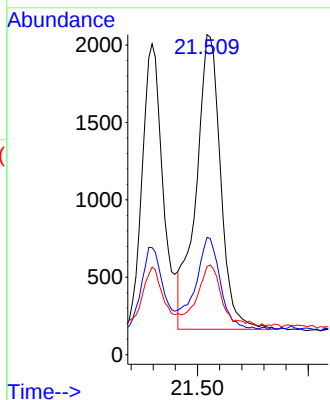
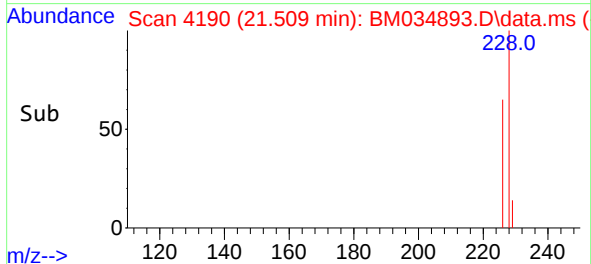
Instrument :
BNA_M
ClientSampleId :
EW461



Tgt Ion:228 Resp: 294
Ion Ratio Lower Upper
228 100
226 36.7 25.8 38.8
229 27.5 16.7 25.1

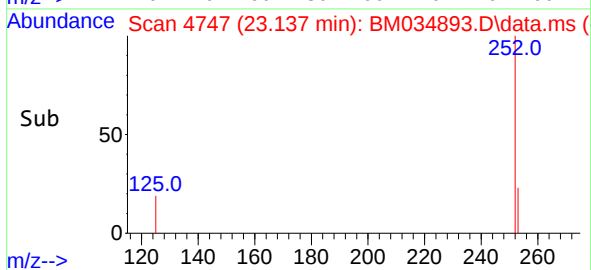
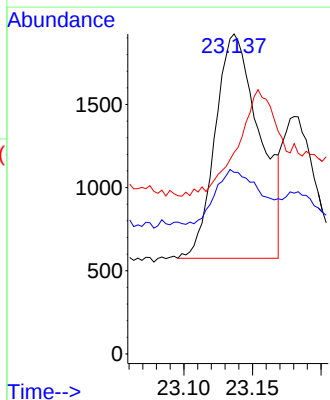
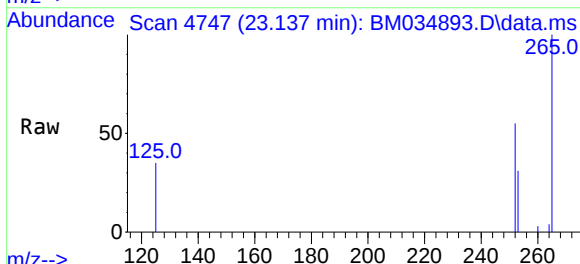
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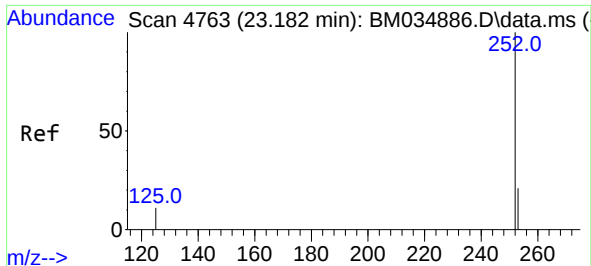
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#24
Benzo(b)fluoranthene
Concen: 0.056 ng/u1
RT: 23.137 min Scan# 4747
Delta R.T. 0.001 min
Lab File: BM034893.D
Acq: 03 May 2022 16:32

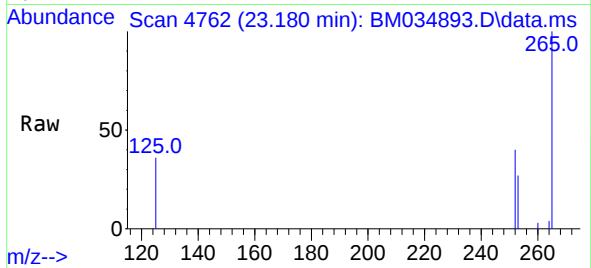
Tgt Ion:252 Resp: 3049
Ion Ratio Lower Upper
252 100
253 56.8 0.0 64.2
125 62.9 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 0.025 ng/u1
RT: 23.180 min Scan# 4763
Delta R.T. -0.002 min
Lab File: BM034893.D
Acq: 03 May 2022 16:32

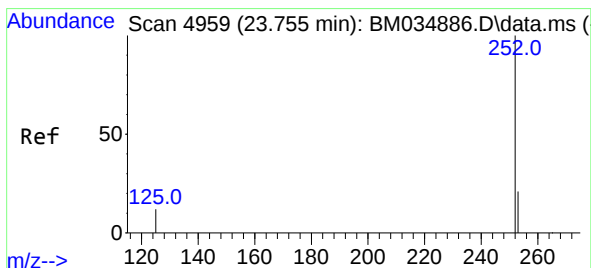
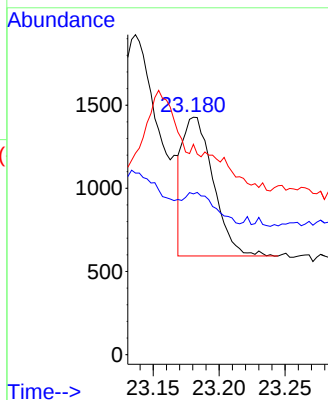
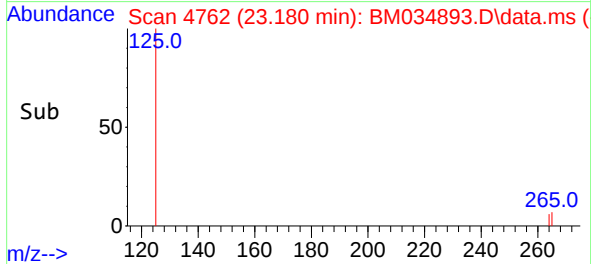
Instrument :
BNA_M
ClientSampleId :
EW461



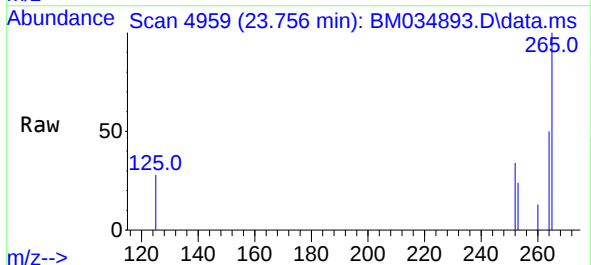
Tgt Ion:252 Resp: 1349
Ion Ratio Lower Upper
252 100
253 67.7 26.8 40.2
125 88.6 12.0 18.0

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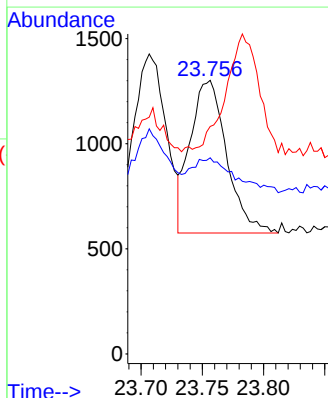
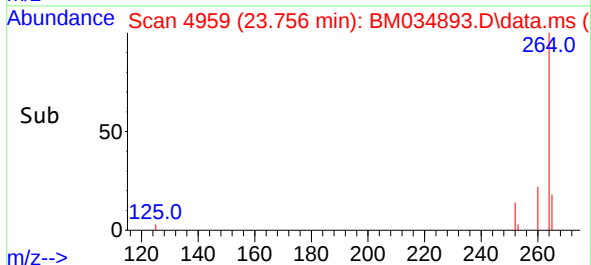
Reviewed By :Jagrut Upadhyay 05/04/2022
Supervised By :Yogesh Patel 05/05/2022

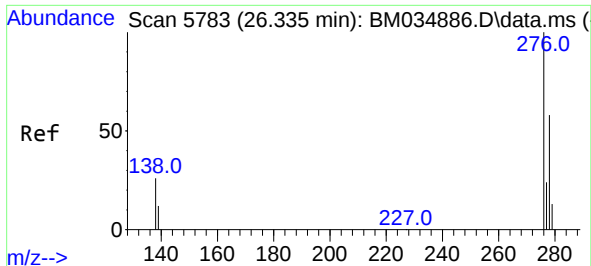


#26
Benzo(a)pyrene
Concen: 0.034 ng/u1
RT: 23.756 min Scan# 4959
Delta R.T. 0.001 min
Lab File: BM034893.D
Acq: 03 May 2022 16:32



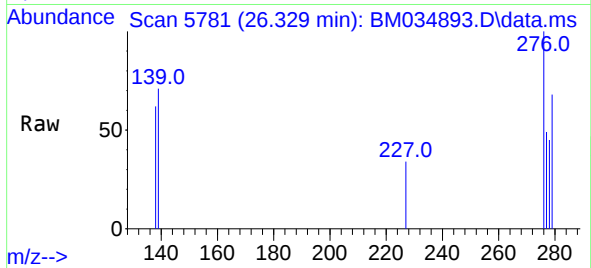
Tgt Ion:252 Resp: 1507
Ion Ratio Lower Upper
252 100
253 71.7 32.0 48.0#
125 83.2 14.5 21.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng/ul
RT: 26.329 min Scan# 51
Delta R.T. -0.006 min
Lab File: BM034893.D
Acq: 03 May 2022 16:32

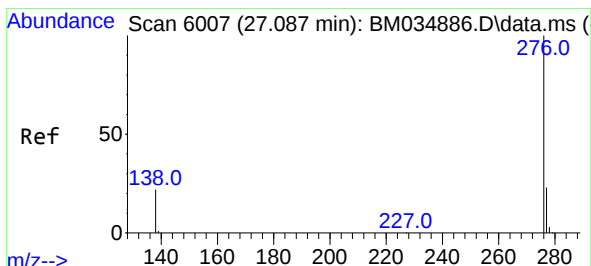
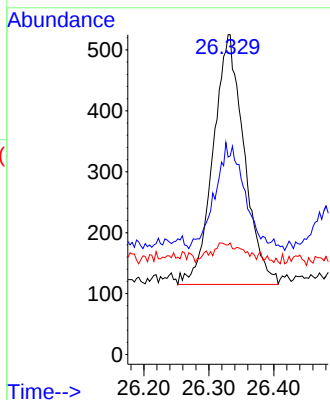
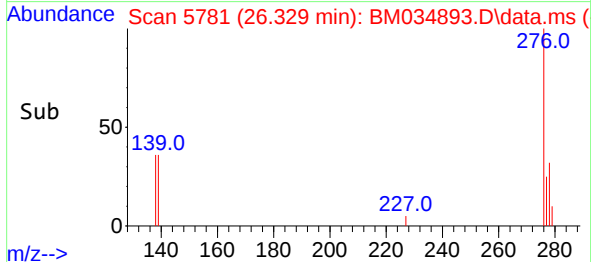
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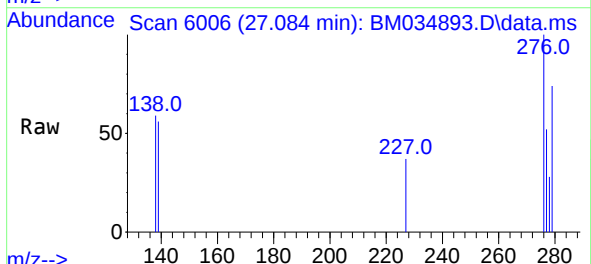
Tgt Ion:276 Resp: 1352
Ion Ratio Lower Upper
276 100
138 39.8 15.8 23.6#
227 5.5 0.0 0.0#

Manual Integrations
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Supervised By :Yogesh Patel 05/05/2022



#29
Benzo(g,h,i)perylene
Concen: 0.021 ng/ul
RT: 27.084 min Scan# 6006
Delta R.T. -0.002 min
Lab File: BM034893.D
Acq: 03 May 2022 16:32



Tgt Ion:276 Resp: 1117
Ion Ratio Lower Upper
276 100
138 59.5 17.4 26.0#
277 51.7 22.6 33.8#

