

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012422\
 Data File : BM033842.D
 Acq On : 24 Jan 2022 17:50
 Operator : CG/JU
 Sample : N1199-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0Q12

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/25/2022
 Supervised By :Yogesh Patel 01/31/2022

Quant Time: Jan 25 02:13:07 2022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM012422.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jan 24 15:20:03 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	2202	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	7823	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.579	164	4718	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	9195	0.400	ng/ul	0.00
17) Chrysene-d12	21.479	240	7374	0.400	ng/ul #	0.00
23) Perylene-d12	23.880	264	7710	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	10185	4.424	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.344	152	4368	0.405	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	9974	0.439	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.337	88	70	0.029	ng/ul#	64
14) Pentachlorophenol	16.969	266	275	0.065	ng/ul	95
15) Phenanthrene	17.358	178	8435	0.288	ng/ul	95
16) Anthracene	17.448	178	641	0.023	ng/ul#	80
19) Fluoranthene	19.364	202	23787	0.708	ng/ul	99
20) Pyrene	19.726	202	18361m	0.533	ng/ul	
21) Benzo(a)anthracene	21.462	228	3329m	0.110	ng/ul	
22) Chrysene	21.516	228	14917	0.467	ng/ul	99
24) Benzo(b)fluoranthene	23.146	252	20659m	0.597	ng/ul	
25) Benzo(k)fluoranthene	23.192	252	7164m	0.206	ng/ul	
26) Benzo(a)pyrene	23.773	252	8687	0.289	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.378	276	9932	0.249	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.395	278	1870	0.059	ng/ul#	36
29) Benzo(g,h,i)perylene	27.155	276	10191	0.301	ng/ul#	93

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

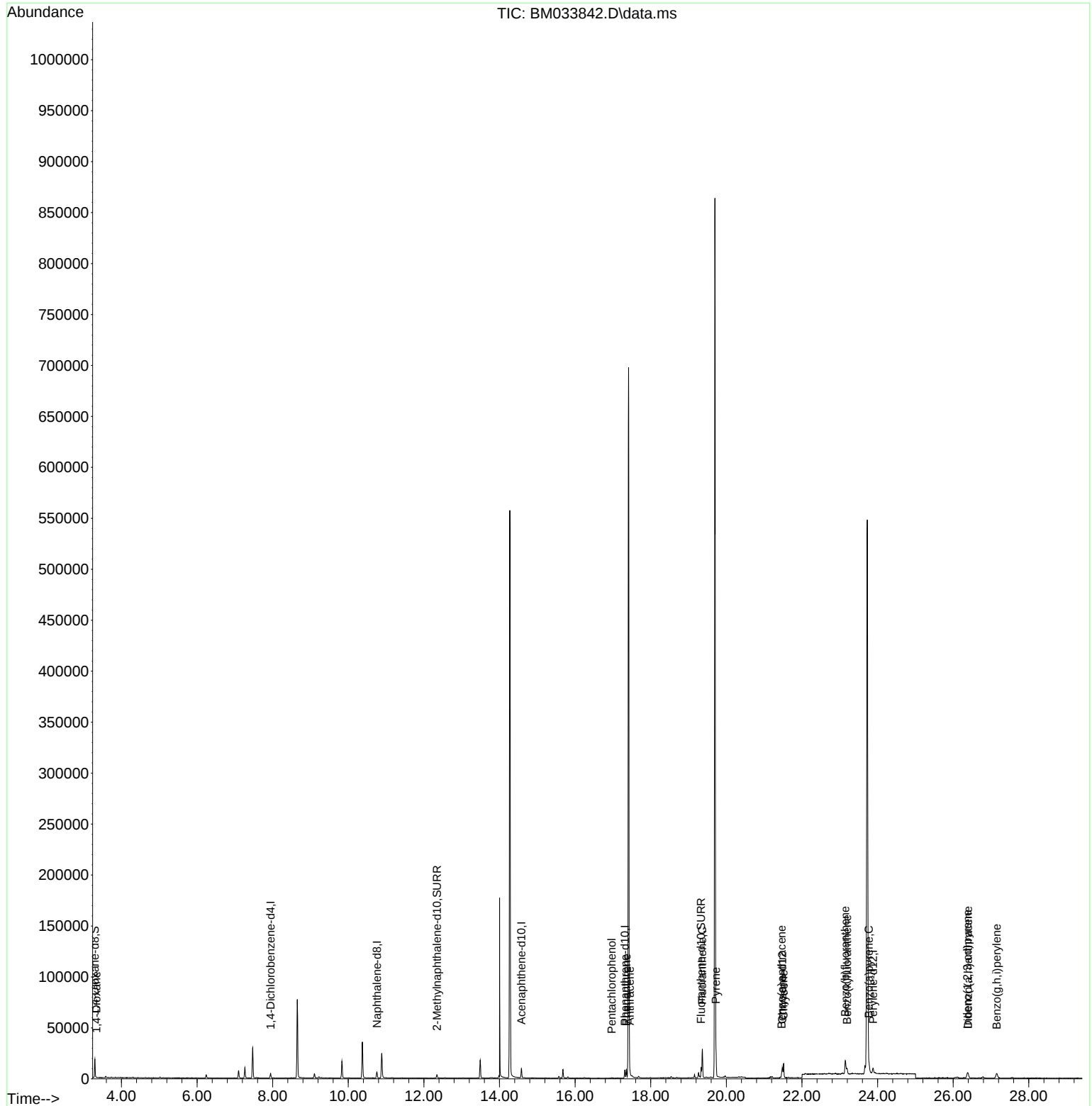
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012422\
Data File : BM033842.D
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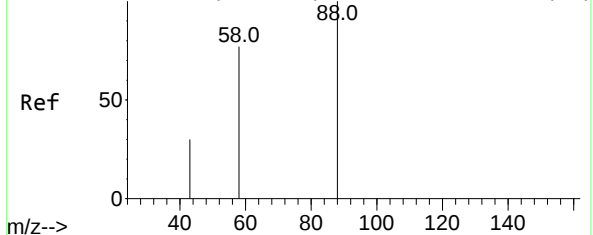
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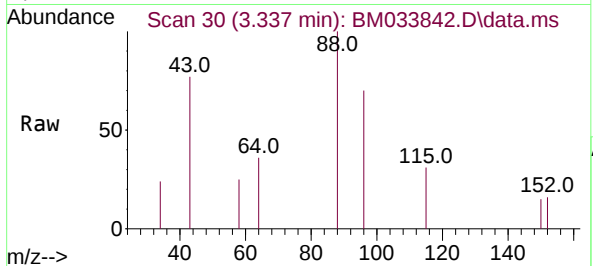


Abundance Scan 29 (3.334 min): BM033834.D\data.ms (-19)



#2
1,4-Dioxane
Concen: 0.029 ng/ul
RT: 3.337 min Scan# 30
Delta R.T. 0.003 min
Lab File: BM033842.D
Acq: 24 Jan 2022 17:50

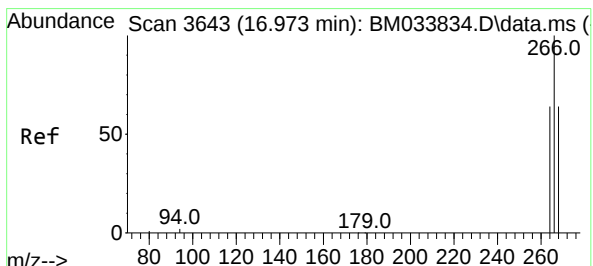
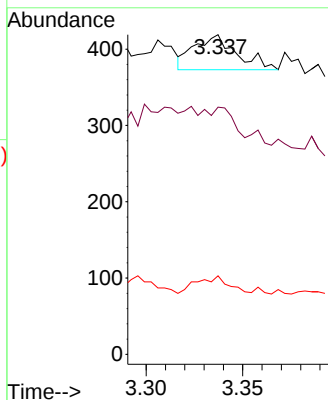
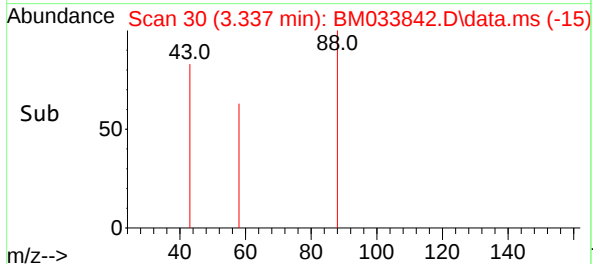
Instrument :
BNA_M
ClientSampleId :
C0Q12



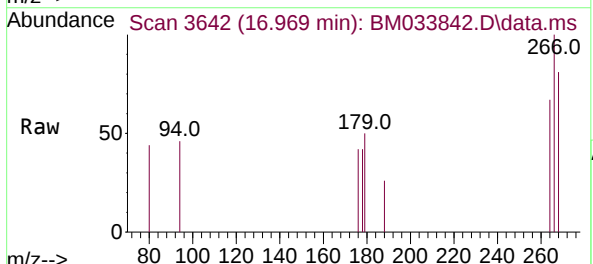
Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
43 77.3 49.7 74.5
58 24.6 52.5 78.7

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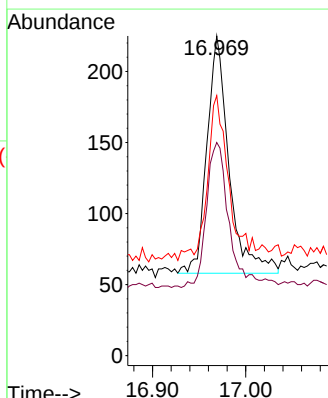
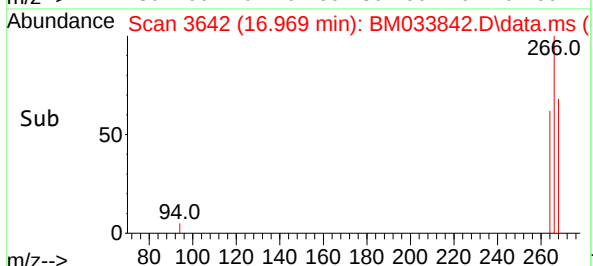
Reviewed By :Jagrut Upadhyay 01/25/2022
Supervised By :Yogesh Patel 01/31/2022

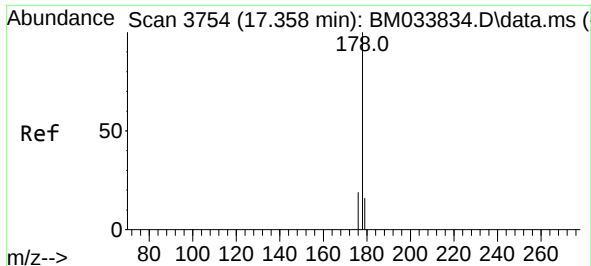


#14
Pentachlorophenol
Concen: 0.065 ng/ul
RT: 16.969 min Scan# 3642
Delta R.T. -0.004 min
Lab File: BM033842.D
Acq: 24 Jan 2022 17:50



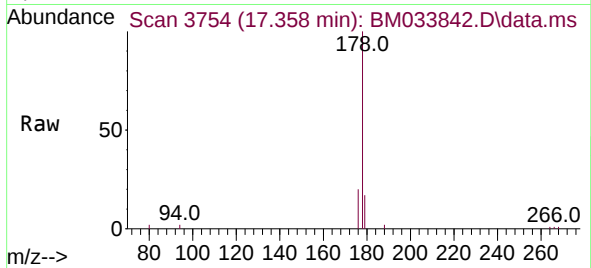
Tgt Ion:266 Resp: 275
Ion Ratio Lower Upper
266 100
264 62.9 51.4 77.0
268 60.4 53.1 79.7





#15
Phenanthrene
Concen: 0.288 ng/ul
RT: 17.358 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM033842.D
Acq: 24 Jan 2022 17:50

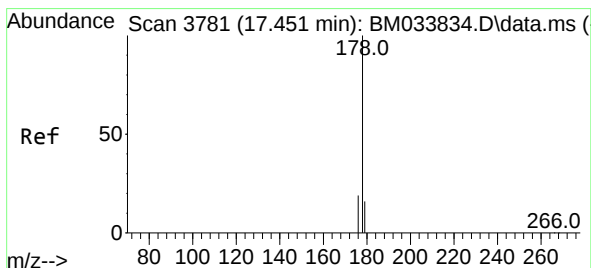
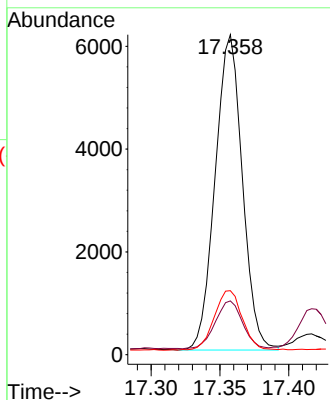
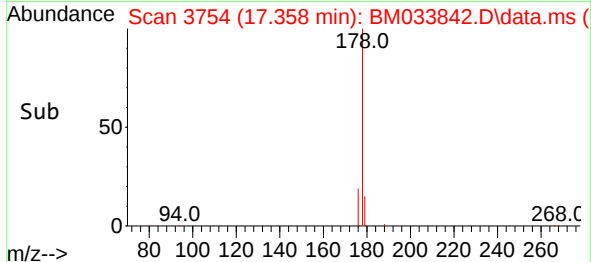
Instrument :
BNA_M
ClientSampleId :
C0Q12



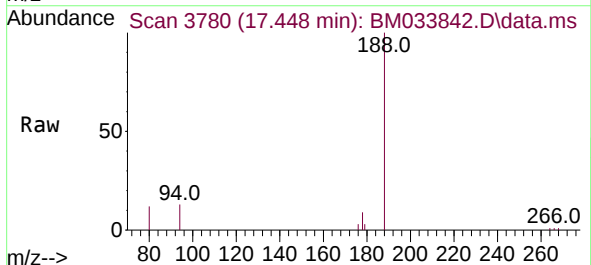
Tgt Ion:178 Resp: 843
Ion Ratio Lower Upper
178 100
179 16.8 15.0 22.6
176 20.0 17.9 26.9

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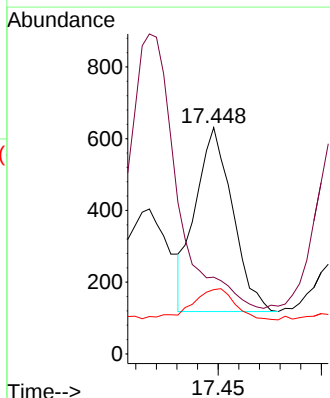
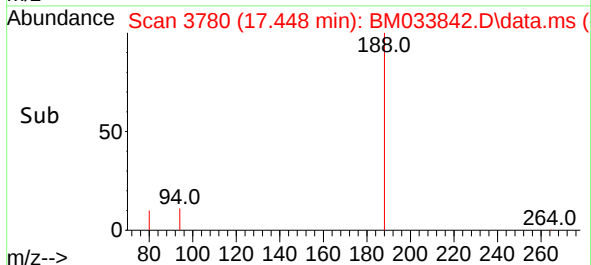
Reviewed By :Jagrut Upadhyay 01/25/2022
Supervised By :Yogesh Patel 01/31/2022

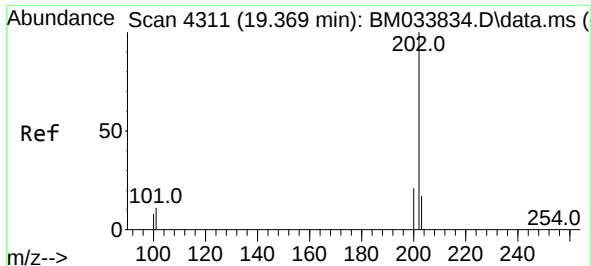


#16
Anthracene
Concen: 0.023 ng/ul
RT: 17.448 min Scan# 3780
Delta R.T. -0.004 min
Lab File: BM033842.D
Acq: 24 Jan 2022 17:50



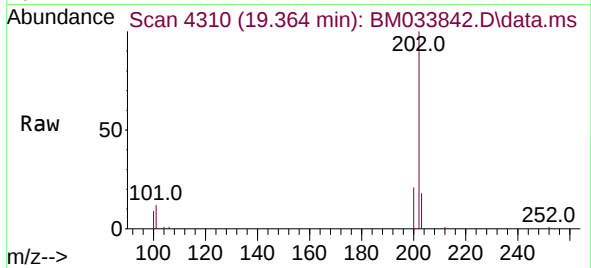
Tgt Ion:178 Resp: 641
Ion Ratio Lower Upper
178 100
179 33.9 16.5 24.7#
176 28.4 18.3 27.5#





#19
Fluoranthene
Concen: 0.708 ng/ul
RT: 19.364 min Scan# 4311
Delta R.T. -0.004 min
Lab File: BM033842.D
Acq: 24 Jan 2022 17:50

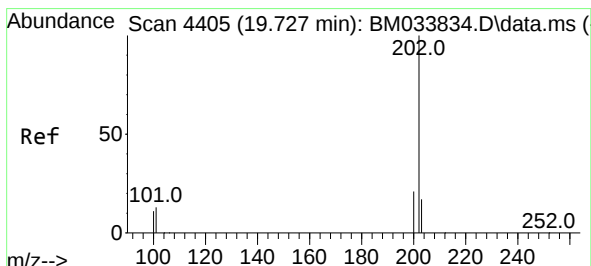
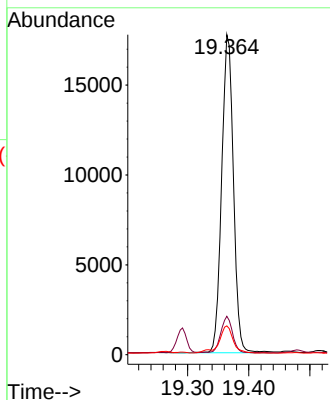
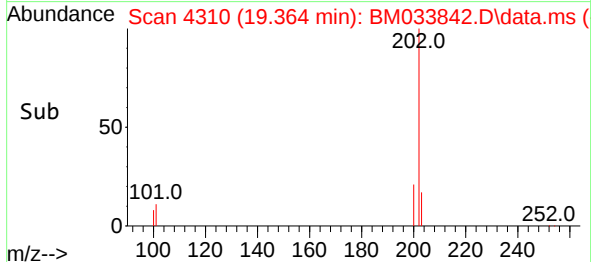
Instrument :
BNA_M
ClientSampleId :
C0Q12



Tgt Ion:202 Resp: 2378
Ion Ratio Lower Upper
202 100
101 12.0 9.2 13.8
100 9.0 7.2 10.8

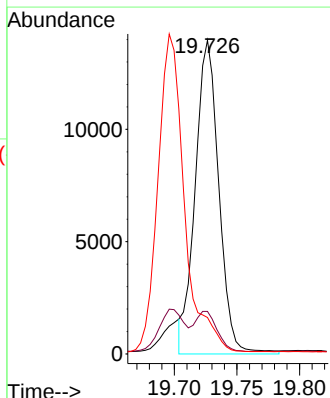
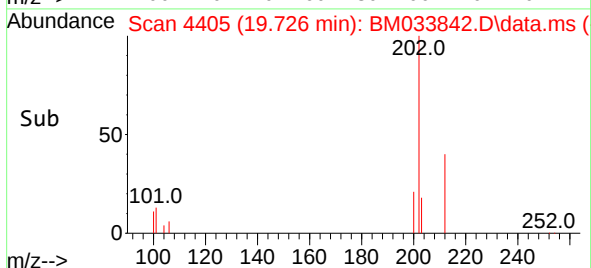
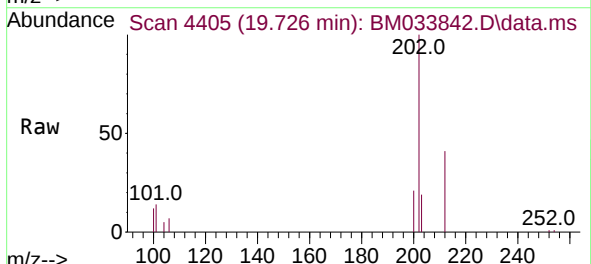
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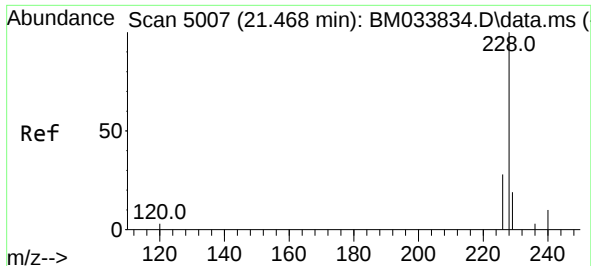
Reviewed By :Jagrut Upadhyay 01/25/2022
Supervised By :Yogesh Patel 01/31/2022



#20
Pyrene
Concen: 0.533 ng/ul m
RT: 19.726 min Scan# 4405
Delta R.T. -0.001 min
Lab File: BM033842.D
Acq: 24 Jan 2022 17:50

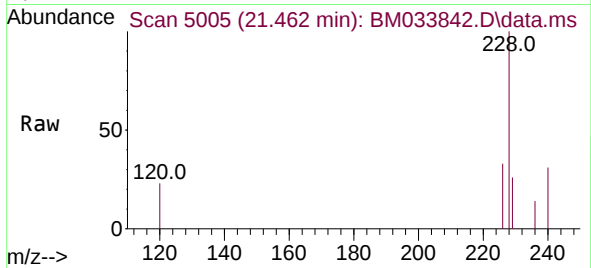
Tgt Ion:202 Resp: 18361
Ion Ratio Lower Upper
202 100
101 13.5 9.3 13.9
100 11.6 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.110 ng/ul m
RT: 21.462 min Scan# 5005
Delta R.T. -0.005 min
Lab File: BM033842.D
Acq: 24 Jan 2022 17:50

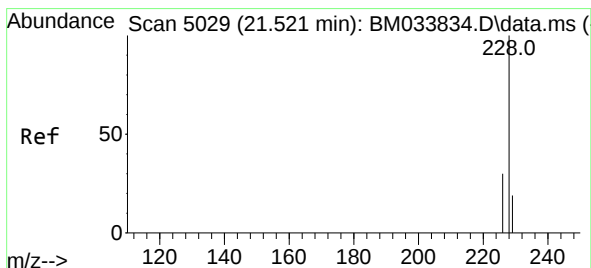
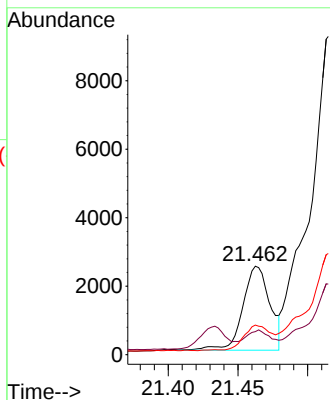
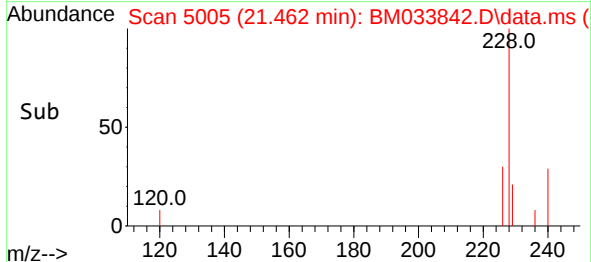
Instrument :
BNA_M
ClientSampleId :
C0Q12



Tgt Ion:228 Resp: 3329
Ion Ratio Lower Upper
228 100
229 26.0 17.3 25.9
226 33.4 23.2 34.8

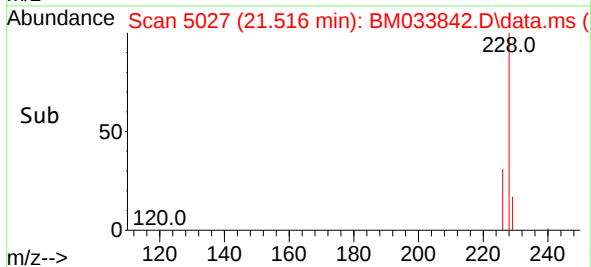
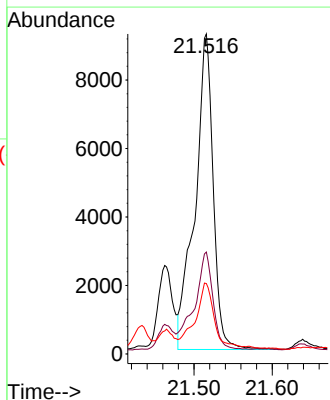
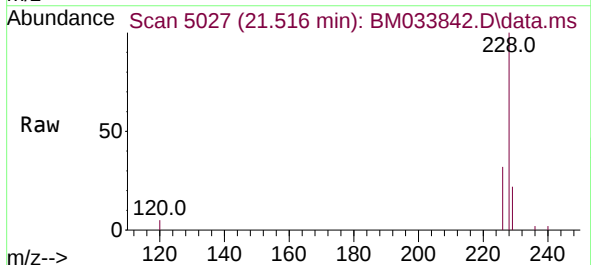
Manual Integrations
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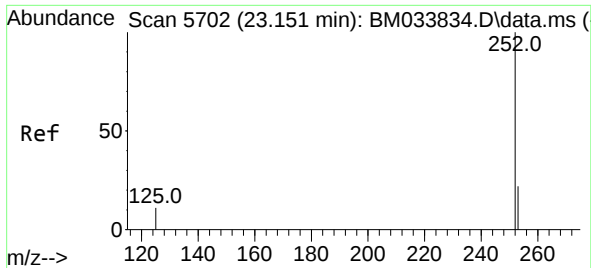
Reviewed By :Jagrut Upadhyay 01/25/2022
Supervised By :Yogesh Patel 01/31/2022



#22
Chrysene
Concen: 0.467 ng/ul
RT: 21.516 min Scan# 5027
Delta R.T. -0.005 min
Lab File: BM033842.D
Acq: 24 Jan 2022 17:50

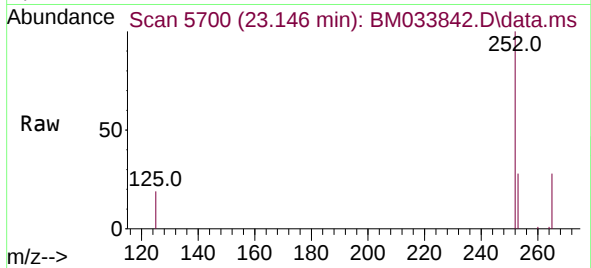
Tgt Ion:228 Resp: 14917
Ion Ratio Lower Upper
228 100
226 31.9 25.8 38.8
229 22.0 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.597 ng/ul m
RT: 23.146 min Scan# 5719
Delta R.T. -0.005 min
Lab File: BM033842.D
Acq: 24 Jan 2022 17:50

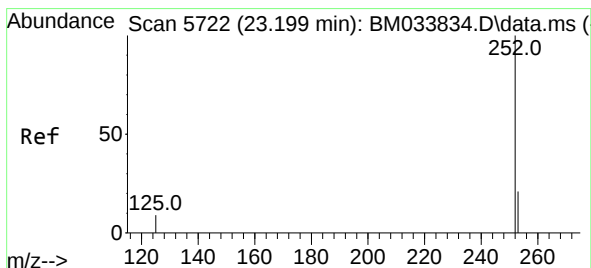
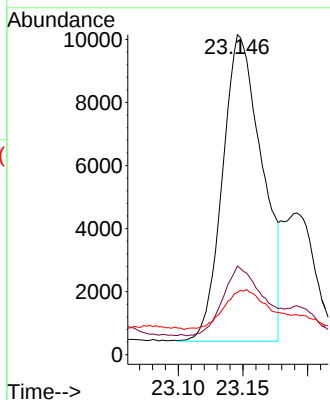
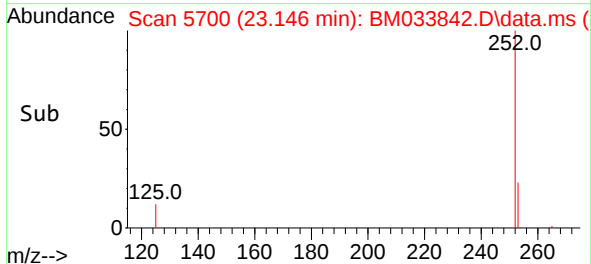
Instrument :
BNA_M
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C0Q12



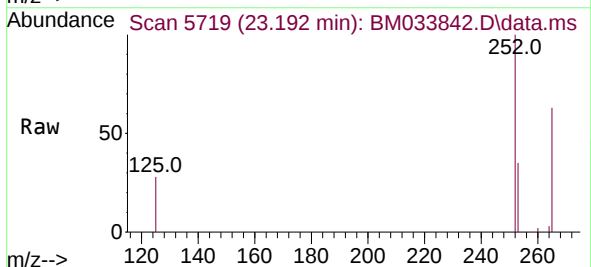
Tgt Ion:252 Resp: 20659
Ion Ratio Lower Upper
252 100
253 27.7 0.0 64.2
125 19.4 0.0 28.8

Manual Integrations
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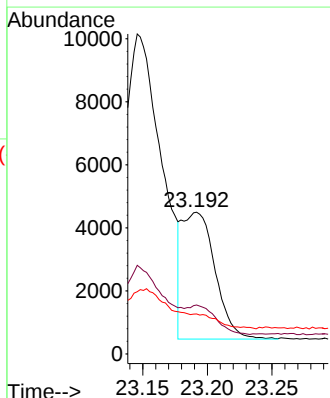
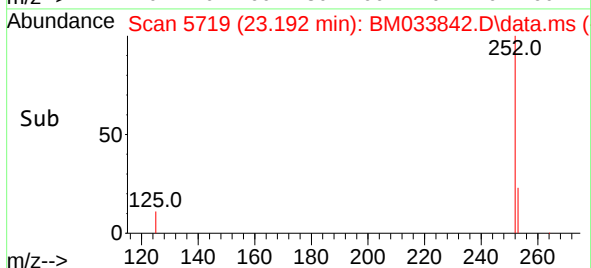
Reviewed By :Jagrut Upadhyay 01/25/2022
Supervised By :Yogesh Patel 01/31/2022

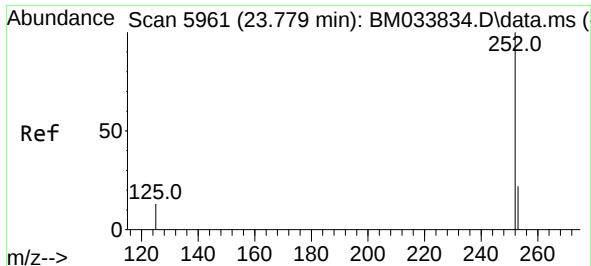


#25
Benzo(k)fluoranthene
Concen: 0.206 ng/ul m
RT: 23.192 min Scan# 5719
Delta R.T. -0.008 min
Lab File: BM033842.D
Acq: 24 Jan 2022 17:50



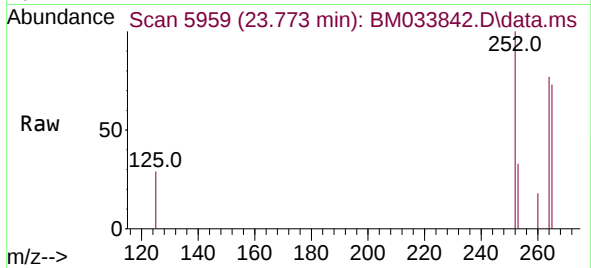
Tgt Ion:252 Resp: 7164
Ion Ratio Lower Upper
252 100
253 34.5 26.8 40.2
125 28.3 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.289 ng/ul
RT: 23.773 min Scan# 5959
Delta R.T. -0.005 min
Lab File: BM033842.D
Acq: 24 Jan 2022 17:50

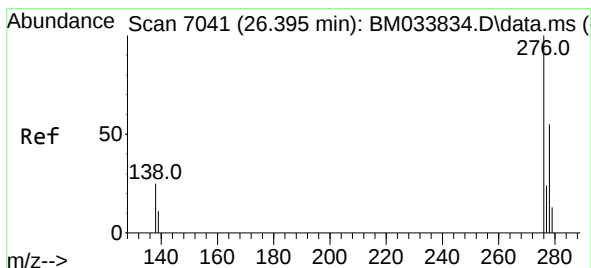
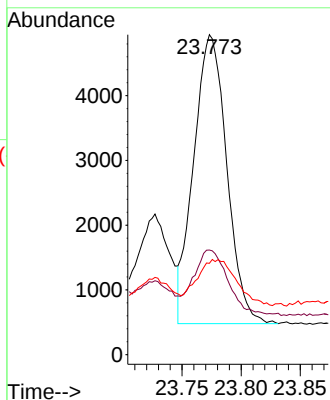
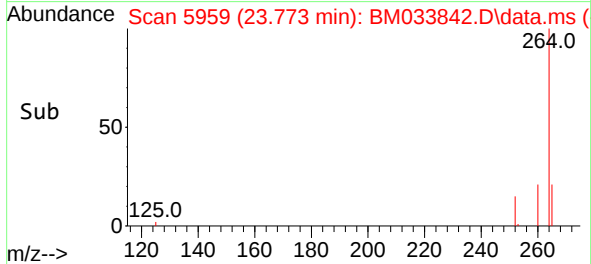
Instrument :
BNA_M
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C0Q12



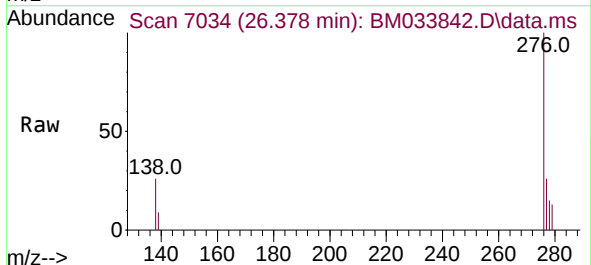
Tgt Ion:252 Resp: 868
Ion Ratio Lower Upper
252 100
253 32.7 32.0 48.0
125 28.5 14.5 21.7

Manual Integrations
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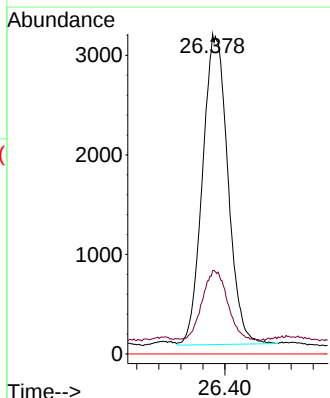
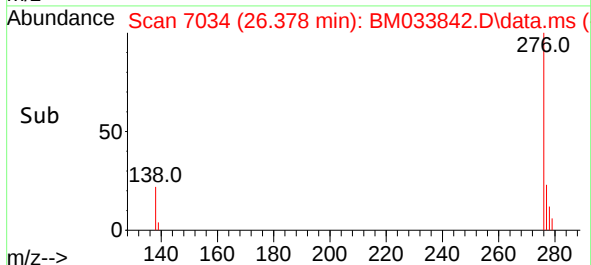
Reviewed By :Jagrut Upadhyay 01/25/2022
Supervised By :Yogesh Patel 01/31/2022

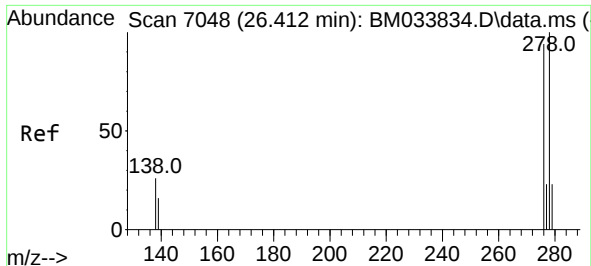


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.249 ng/ul
RT: 26.378 min Scan# 7034
Delta R.T. -0.017 min
Lab File: BM033842.D
Acq: 24 Jan 2022 17:50



Tgt Ion:276 Resp: 9932
Ion Ratio Lower Upper
276 100
138 22.6 15.8 23.6
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.059 ng/ul

RT: 26.395 min Scan# 7041

Delta R.T. -0.017 min

Lab File: BM033842.D

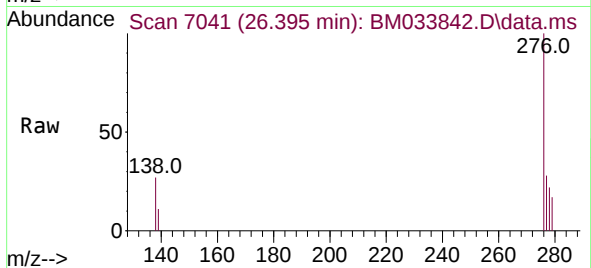
Acq: 24 Jan 2022 17:50

Instrument :

BNA_M

ClientSampleId :

C0Q12

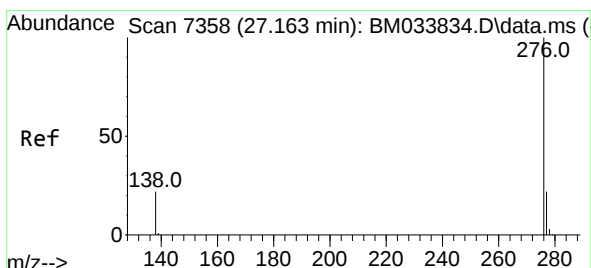
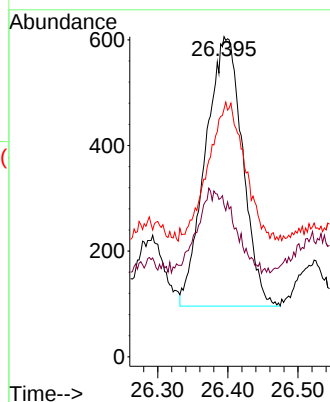


Tgt Ion:	278	Resp:	1870
Ion Ratio	Lower	Upper	
278	100		
139	47.4	18.0	27.0
279	77.4	28.6	42.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/25/2022
Supervised By :Yogesh Patel 01/31/2022



#29

Benzo(g,h,i)perylene

Concen: 0.301 ng/ul

RT: 27.155 min Scan# 7355

Delta R.T. -0.008 min

Lab File: BM033842.D

Acq: 24 Jan 2022 17:50

Tgt Ion:	276	Resp:	10191
Ion Ratio	Lower	Upper	
276	100		
138	26.4	17.4	26.0
277	25.9	22.6	33.8

