

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038291.D
 Acq On : 25 Dec 2022 04:06
 Operator : CG/JU
 Sample : N6016-14
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYD6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 25 05:35:50 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 05:23:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	2806	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	8500	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.652	164	5239	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	10700	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	8311	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	7773	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	7074	2.478	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	2211	0.177	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	5044	0.162	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.434	178	2293	0.064	ng/ul#	88
19) Fluoranthene	19.445	202	6910	0.152	ng/ul#	93
20) Pyrene	19.808	202	6118m	0.133	ng/ul	
21) Benzo(a)anthracene	21.547	228	3466	0.095	ng/ul#	90
22) Chrysene	21.600	228	4310	0.121	ng/ul#	92
24) Benzo(b)fluoranthene	23.260	252	6696	0.195	ng/ul	73
25) Benzo(k)fluoranthene	23.307	252	2212m	0.067	ng/ul	
26) Benzo(a)pyrene	23.898	252	4518	0.150	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	26.562	276	3666	0.088	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.565	278	942	0.029	ng/ul#	1
29) Benzo(g,h,i)perylene	27.350	276	3589	0.102	ng/ul#	88

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

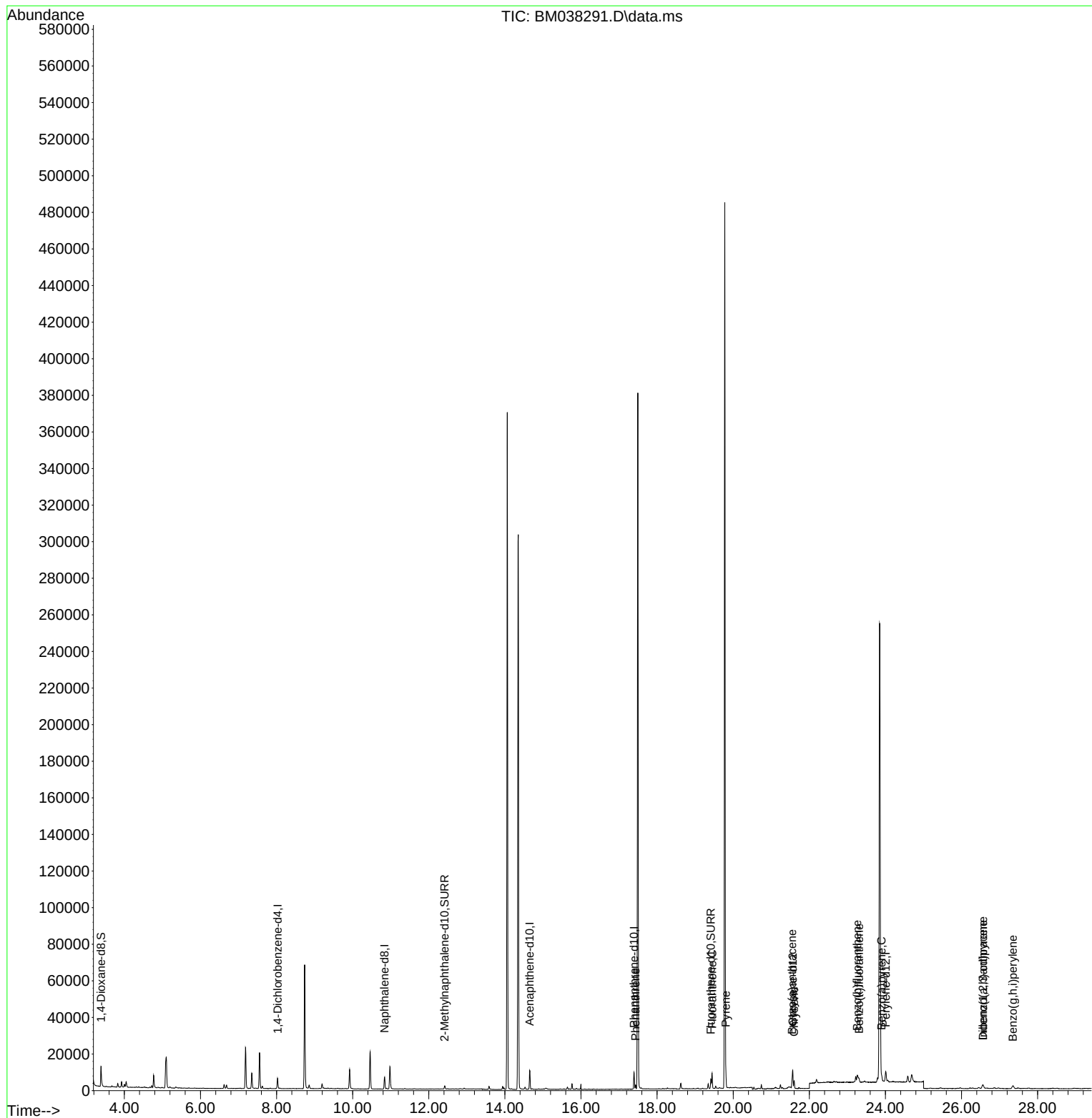
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038291.D
Acq On : 25 Dec 2022 04:06
Operator : CG/JU
Sample : N6016-14
Misc :
ALS Vial : 100 Sample Multiplier: 1

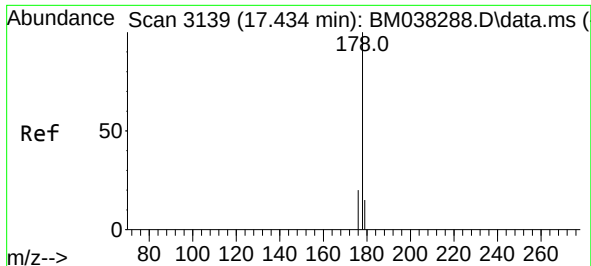
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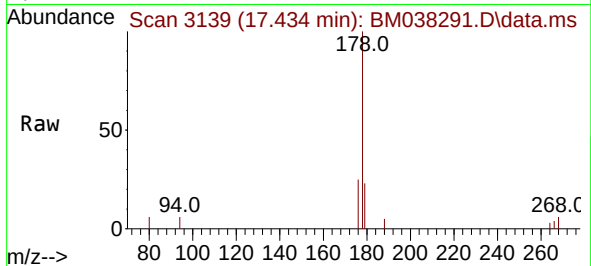
Quant Time: Dec 25 05:35:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.064 ng/ul
RT: 17.434 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM038291.D
Acq: 25 Dec 2022 04:06

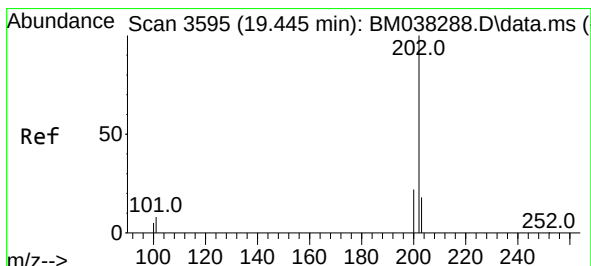
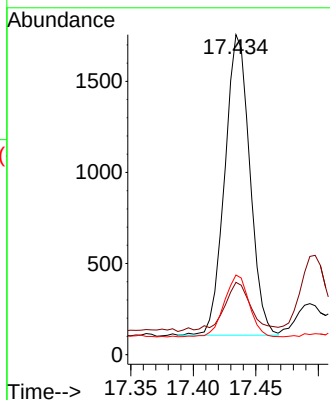
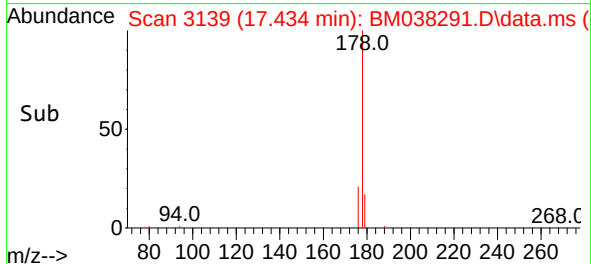
Instrument :
BNA_M
ClientSampleId :
DBYD6



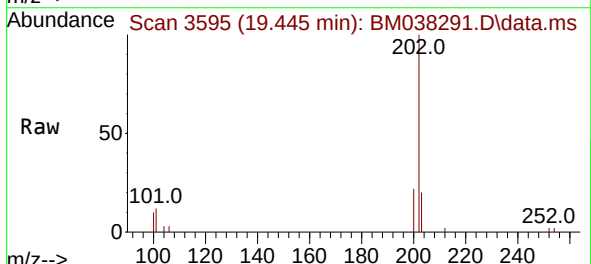
Tgt Ion:178 Resp: 2291
Ion Ratio Lower Upper
178 100
179 22.6 13.0 19.4#
176 24.9 16.2 24.4#

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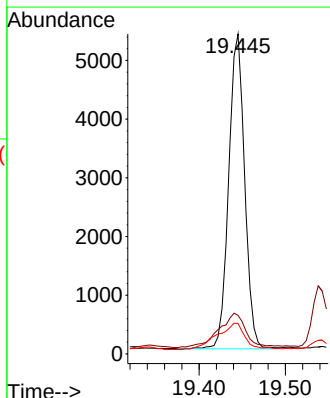
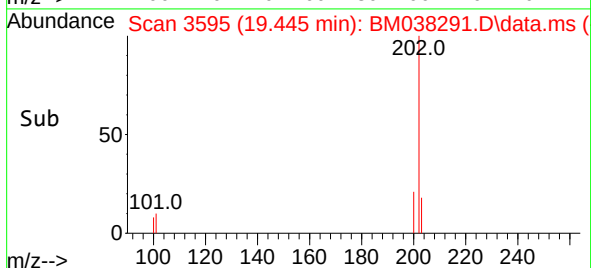
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

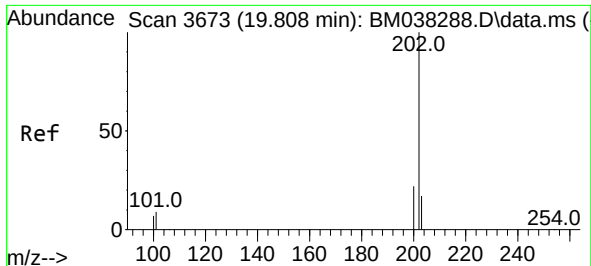


#19
Fluoranthene
Concen: 0.152 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM038291.D
Acq: 25 Dec 2022 04:06



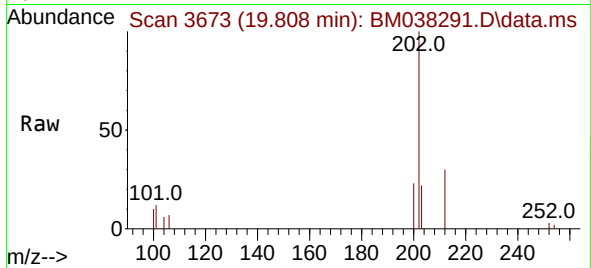
Tgt Ion:202 Resp: 6910
Ion Ratio Lower Upper
202 100
101 12.1 7.5 11.3#
100 9.5 5.6 8.4#





#20
Pyrene
Concen: 0.133 ng/ul m
RT: 19.808 min Scan# 3673
Delta R.T. -0.005 min
Lab File: BM038291.D
Acq: 25 Dec 2022 04:06

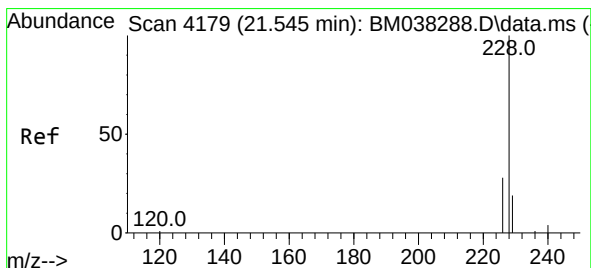
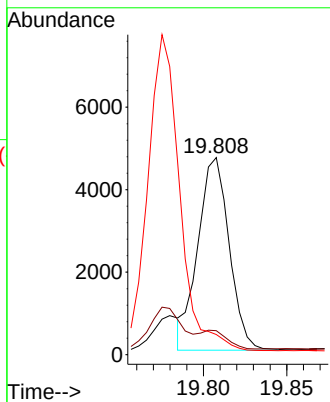
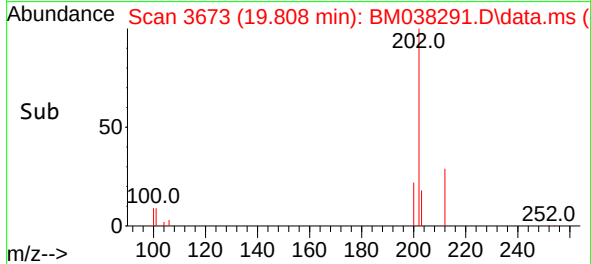
Instrument :
BNA_M
ClientSampleId :
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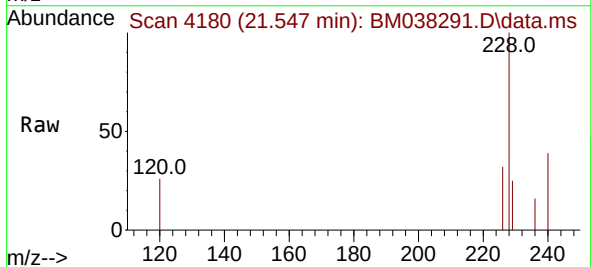
Tgt Ion:202 Resp: 6118
Ion Ratio Lower Upper
202 100
101 12.2 8.9 13.3
100 10.3 7.4 11.0

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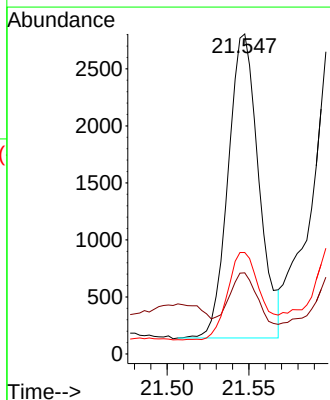
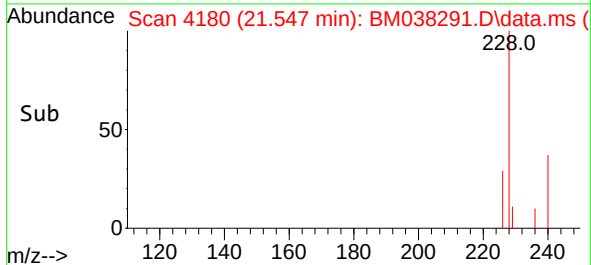
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Supervised By :Yogesh Patel 12/25/2022

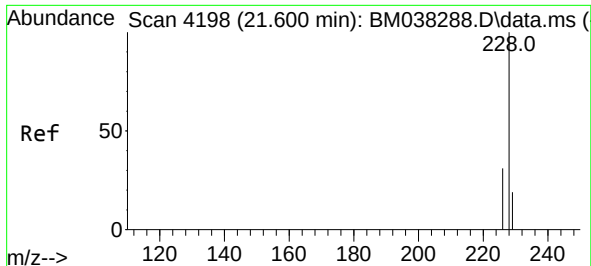


#21
Benzo(a)anthracene
Concen: 0.095 ng/ul
RT: 21.547 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BM038291.D
Acq: 25 Dec 2022 04:06



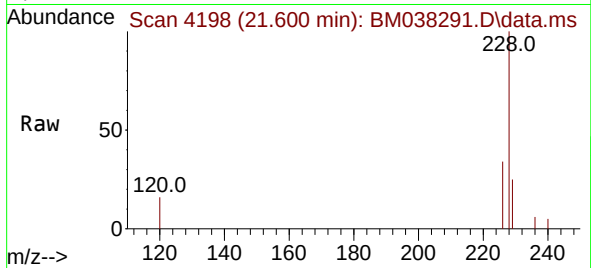
Tgt Ion:228 Resp: 3466
Ion Ratio Lower Upper
228 100
229 25.3 15.5 23.3#
226 31.7 22.2 33.2





#22
Chrysene
Concen: 0.121 ng/ul
RT: 21.600 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BM038291.D
Acq: 25 Dec 2022 04:06

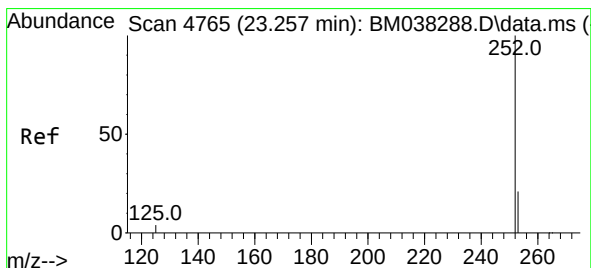
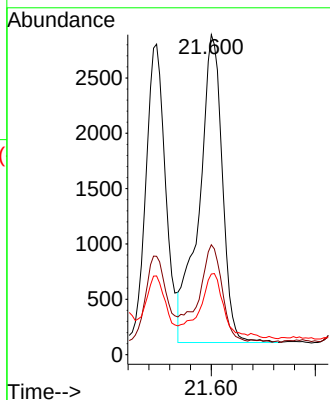
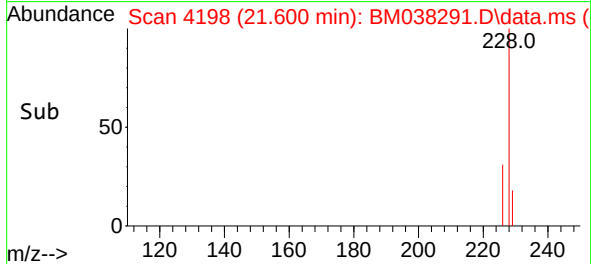
Instrument :
BNA_M
ClientSampleId :
DBYD6



Tgt Ion:228 Resp: 4310
Ion Ratio Lower Upper
228 100
226 34.3 25.0 37.4
229 25.2 16.0 24.0

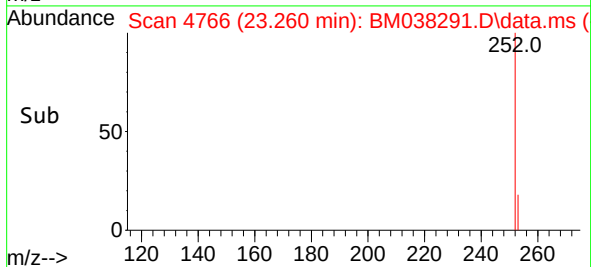
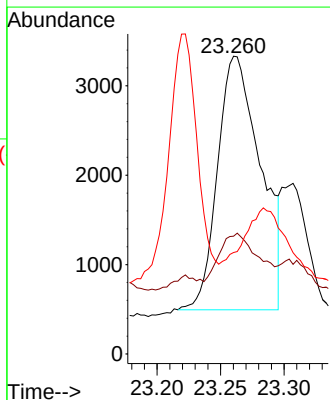
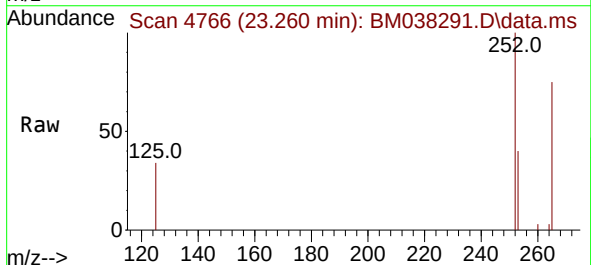
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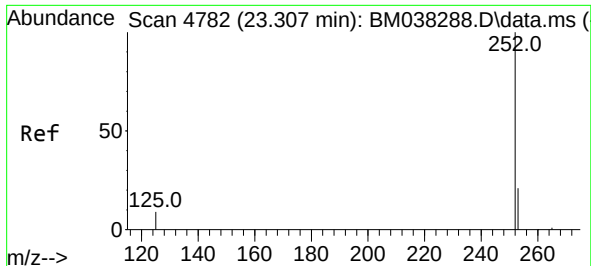
Reviewed By :Jagrut Upadhyay 12/25/2022
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#24
Benzo(b)fluoranthene
Concen: 0.195 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM038291.D
Acq: 25 Dec 2022 04:06

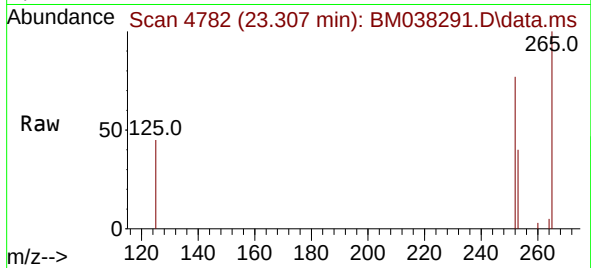
Tgt Ion:252 Resp: 6696
Ion Ratio Lower Upper
252 100
253 39.6 0.0 56.0
125 34.1 0.0 36.6





#25
Benzo(k)fluoranthene
Concen: 0.067 ng/ul m
RT: 23.307 min Scan# 4782
Delta R.T. -0.006 min
Lab File: BM038291.D
Acq: 25 Dec 2022 04:06

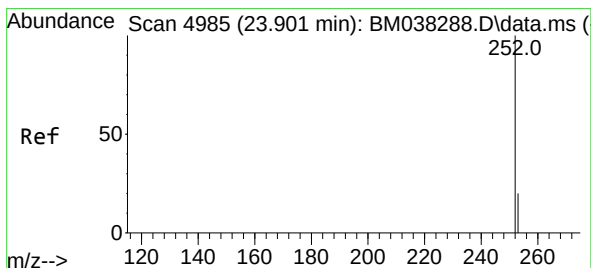
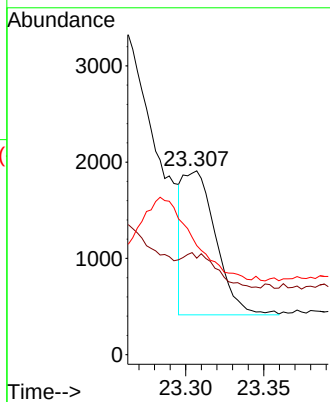
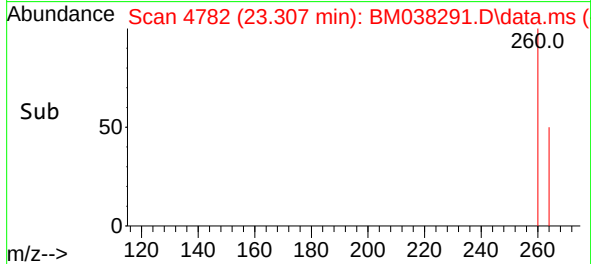
Instrument :
BNA_M
ClientSampleId :
DBYD6



Tgt Ion:252 Resp: 221
Ion Ratio Lower Upper
252 100
253 52.5 22.5 33.7
125 59.4 14.4 21.6

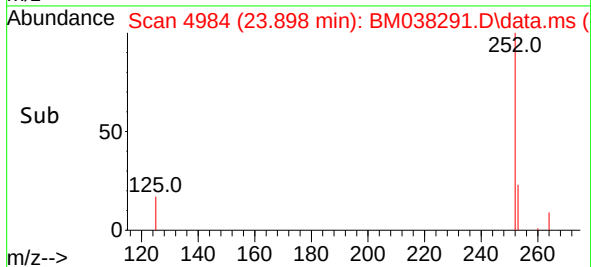
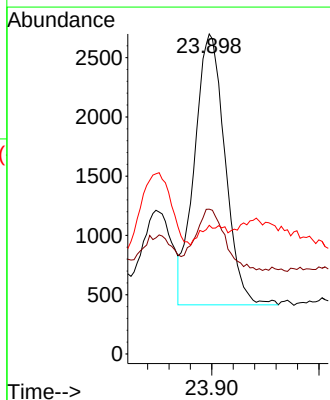
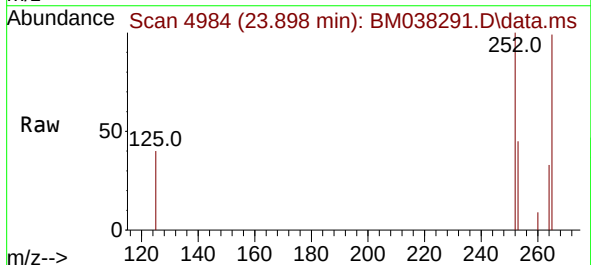
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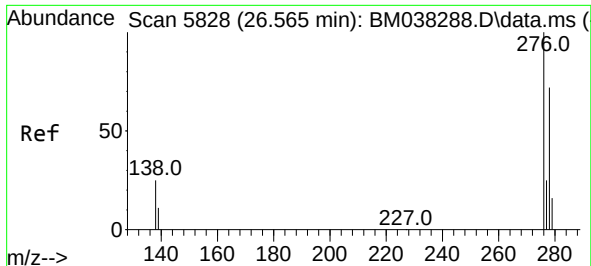
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#26
Benzo(a)pyrene
Concen: 0.150 ng/ul
RT: 23.898 min Scan# 4984
Delta R.T. -0.009 min
Lab File: BM038291.D
Acq: 25 Dec 2022 04:06

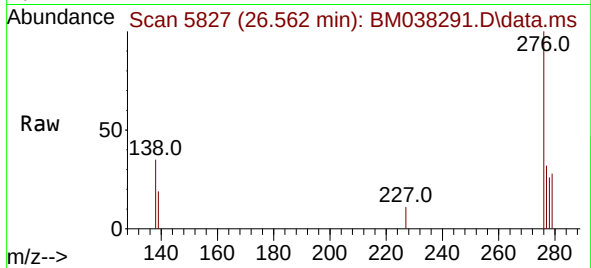
Tgt Ion:252 Resp: 4518
Ion Ratio Lower Upper
252 100
253 45.3 24.2 36.4#
125 40.2 17.3 25.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.088 ng/ul
RT: 26.562 min Scan# 5827
Delta R.T. -0.007 min
Lab File: BM038291.D
Acq: 25 Dec 2022 04:06

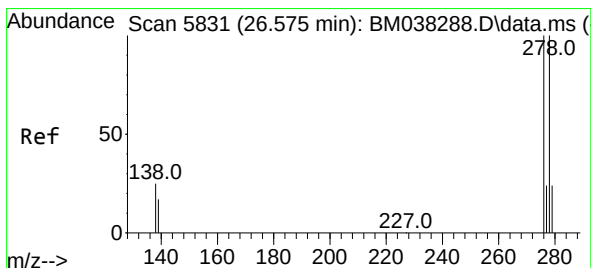
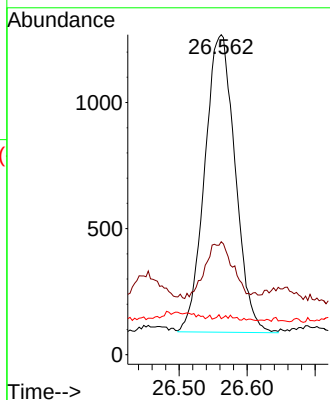
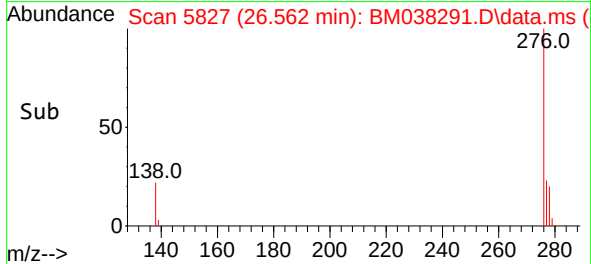
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ClientSampleId :
DBYD6



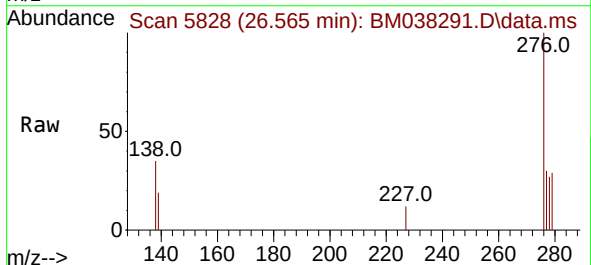
Tgt Ion:276 Resp: 366
Ion Ratio Lower Upper
276 100
138 21.1 21.7 32.5
227 0.2 0.0 0.0

Manual Integrations
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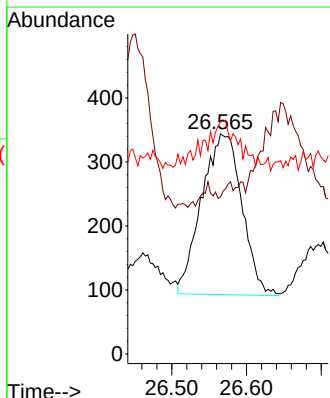
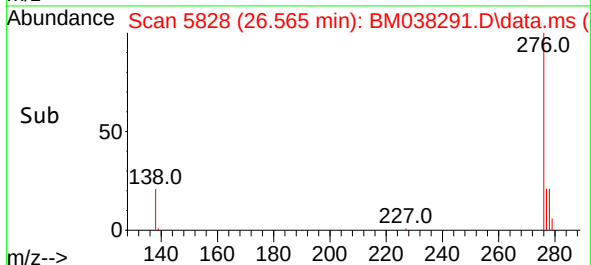
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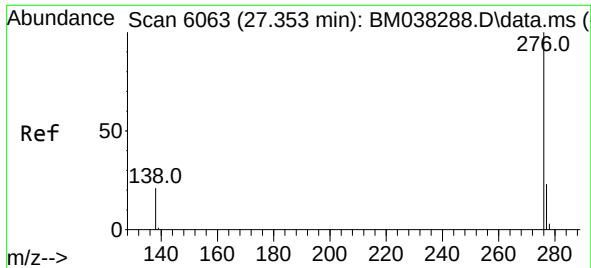


#28
Dibenzo(a,h)anthracene
Concen: 0.029 ng/ul
RT: 26.565 min Scan# 5828
Delta R.T. -0.023 min
Lab File: BM038291.D
Acq: 25 Dec 2022 04:06



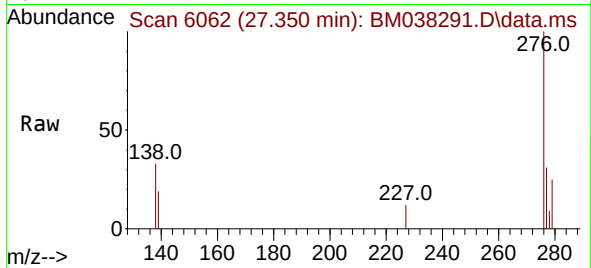
Tgt Ion:278 Resp: 942
Ion Ratio Lower Upper
278 100
139 71.2 16.8 25.2#
279 105.5 23.4 35.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.102 ng/ul
 RT: 27.350 min Scan# 6062
 Delta R.T. -0.010 min
 Lab File: BM038291.D
 Acq: 25 Dec 2022 04:06

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:276 Resp: 3589
 Ion Ratio Lower Upper
 276 100
 138 33.4 20.8 31.25
 277 30.6 20.5 30.7

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