

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038295.D
 Acq On : 25 Dec 2022 06:29
 Operator : CG/JU
 Sample : N6016-18
 Misc :
 ALS Vial : 104 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYE0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022

Quant Time: Dec 25 23:54:11 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	3321	0.400	ng/ul	0.00
4) Naphthalene-d8	10.836	136	9931	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.653	164	5869	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.393	188	11768	0.400	ng/ul	0.00
17) Chrysene-d12	21.563	240	8723	0.400	ng/ul	0.00
23) Perylene-d12	24.010	264	7923	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	10244	3.032	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.419	152	3031	0.207	ng/ul	0.00
18) Fluoranthene-d10	19.414	212	6095	0.186	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.885	128	725	0.025	ng/ul#	71
15) Phenanthrene	17.435	178	5478	0.139	ng/ul#	92
16) Anthracene	17.528	178	1064	0.028	ng/ul#	72
19) Fluoranthene	19.446	202	14643	0.306	ng/ul#	91
20) Pyrene	19.809	202	12595m	0.261	ng/ul	
21) Benzo(a)anthracene	21.546	228	7343	0.192	ng/ul#	93
22) Chrysene	21.601	228	8911	0.239	ng/ul#	94
24) Benzo(b)fluoranthene	23.261	252	15018	0.428	ng/ul	91
25) Benzo(k)fluoranthene	23.305	252	4350m	0.129	ng/ul	
26) Benzo(a)pyrene	23.899	252	9581	0.313	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.560	276	8342	0.197	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.567	278	2086	0.063	ng/ul#	25
29) Benzo(g,h,i)perylene	27.355	276	8920	0.250	ng/ul	95

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

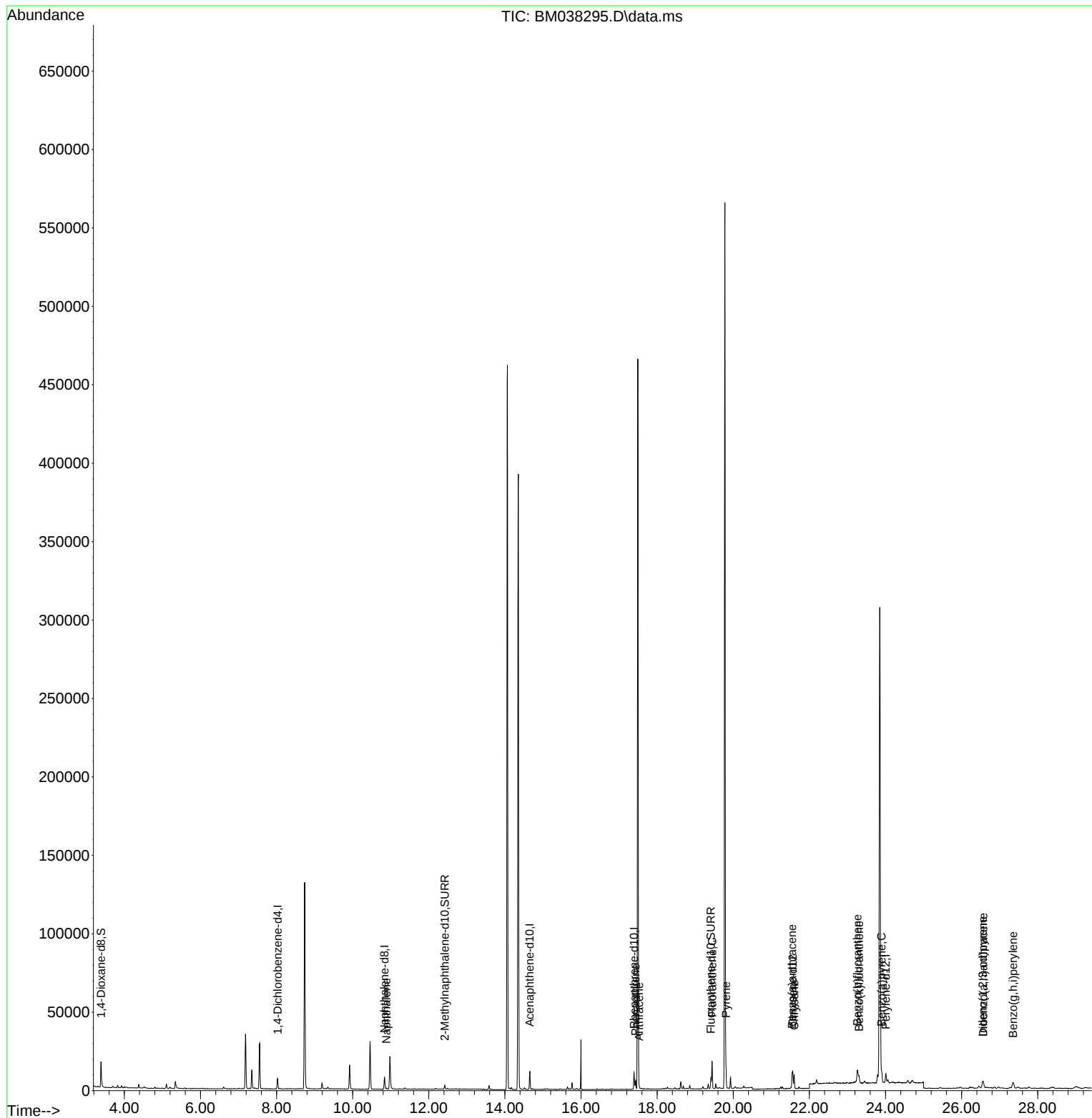
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038295.D
Acq On : 25 Dec 2022 06:29
Operator : CG/JU
Sample : N6016-18
Misc :
ALS Vial : 104 Sample Multiplier: 1

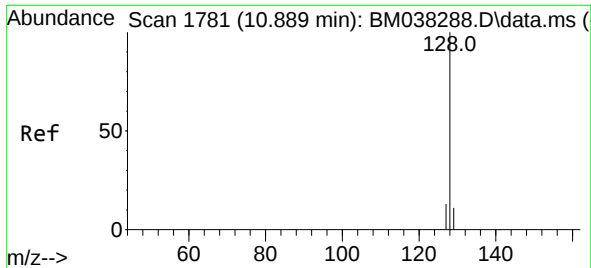
Instrument :
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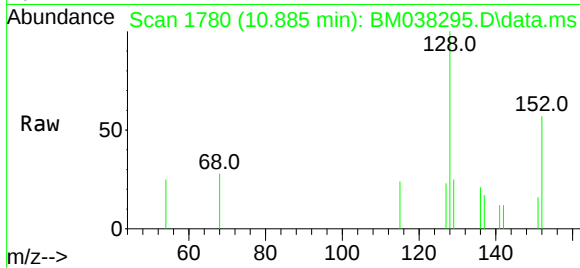
Quant Time: Dec 25 23:54:11 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
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#5
Naphthalene
Concen: 0.025 ng/uI
RT: 10.885 min Scan# 1781
Delta R.T. -0.009 min
Lab File: BM038295.D
Acq: 25 Dec 2022 06:29

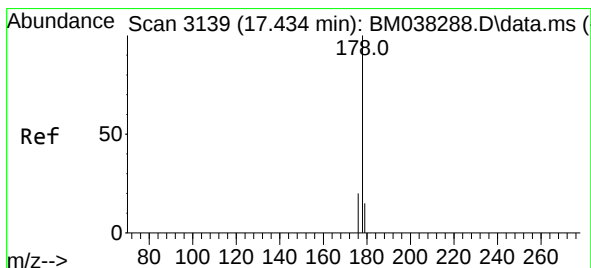
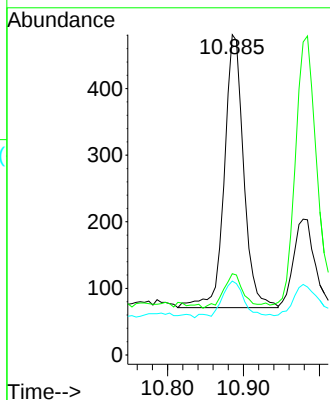
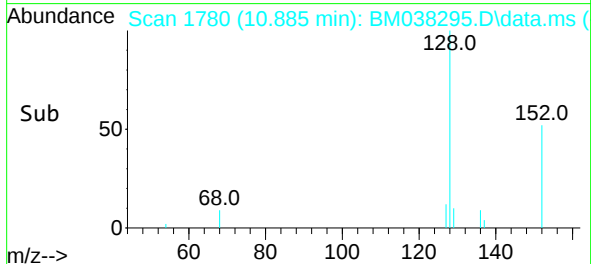
Instrument :
BNA_M
ClientSampleId :
DBYE0



Tgt Ion:128 Resp: 725
Ion Ratio Lower Upper
128 100
129 25.4 9.4 14.0
127 23.1 10.7 16.1

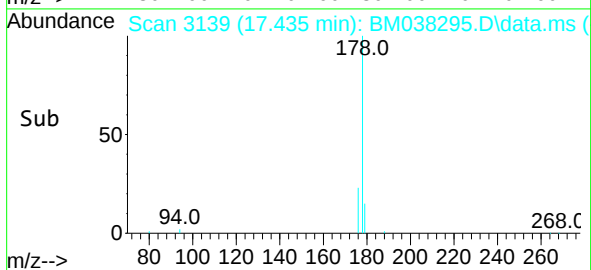
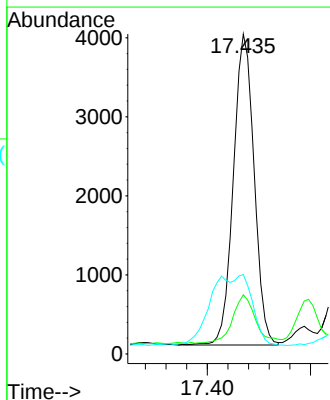
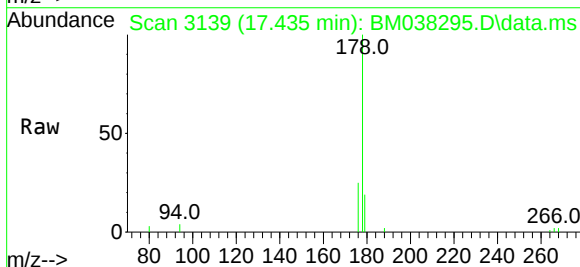
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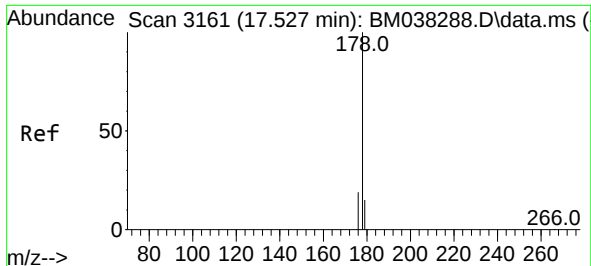
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#15
Phenanthrene
Concen: 0.139 ng/uI
RT: 17.435 min Scan# 3139
Delta R.T. -0.003 min
Lab File: BM038295.D
Acq: 25 Dec 2022 06:29

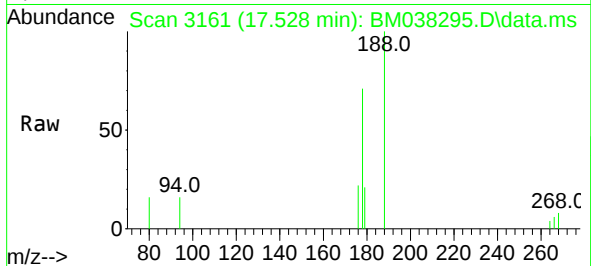
Tgt Ion:178 Resp: 5478
Ion Ratio Lower Upper
178 100
179 18.5 13.0 19.4
176 24.8 16.2 24.4





#16
 Anthracene
 Concen: 0.028 ng/uI
 RT: 17.528 min Scan# 3161
 Delta R.T. -0.003 min
 Lab File: BM038295.D
 Acq: 25 Dec 2022 06:29

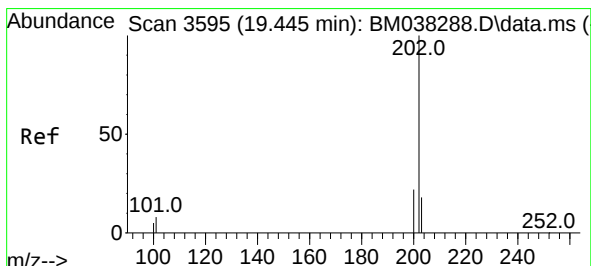
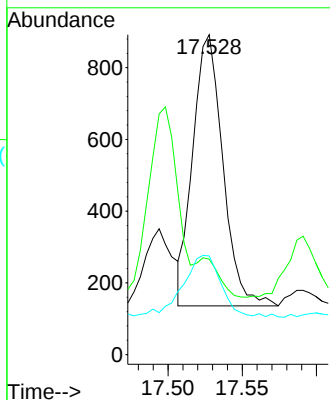
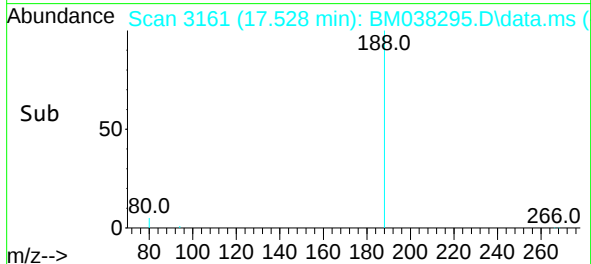
Instrument :
 BNA_M
 ClientSampleId :
 DBYE0



Tgt Ion:178 Resp: 1064
 Ion Ratio Lower Upper
 178 100
 179 29.8 13.0 19.6#
 176 30.8 15.6 23.4#

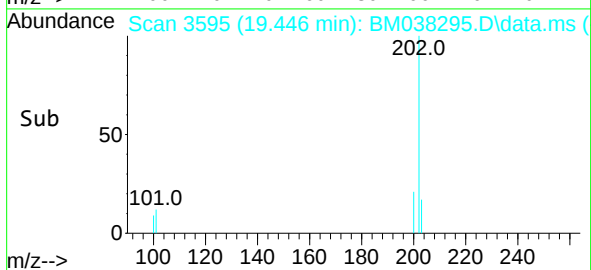
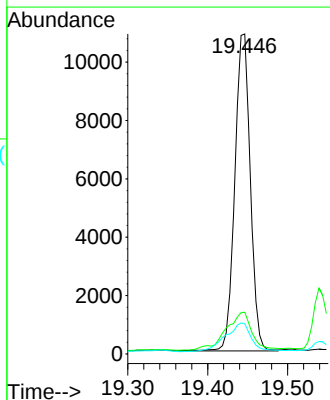
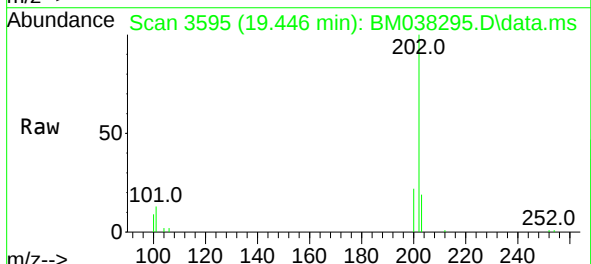
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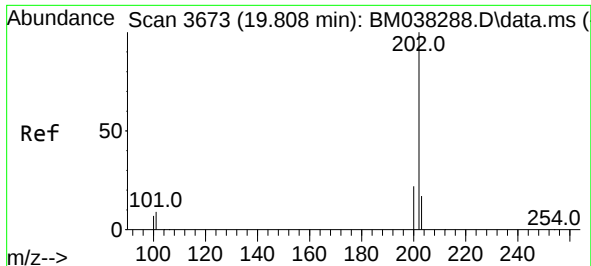
Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022



#19
 Fluoranthene
 Concen: 0.306 ng/uI
 RT: 19.446 min Scan# 3595
 Delta R.T. -0.003 min
 Lab File: BM038295.D
 Acq: 25 Dec 2022 06:29

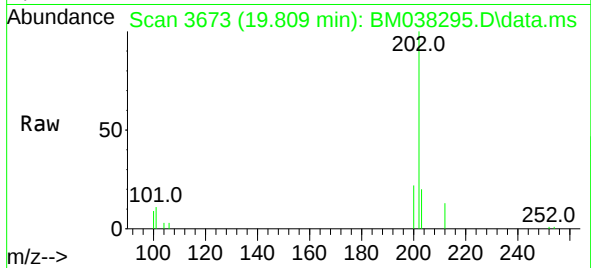
Tgt Ion:202 Resp: 14643
 Ion Ratio Lower Upper
 202 100
 101 13.0 7.5 11.3#
 100 9.5 5.6 8.4#





#20
Pyrene
Concen: 0.261 ng/ul m
RT: 19.809 min Scan# 3673
Delta R.T. -0.003 min
Lab File: BM038295.D
Acq: 25 Dec 2022 06:29

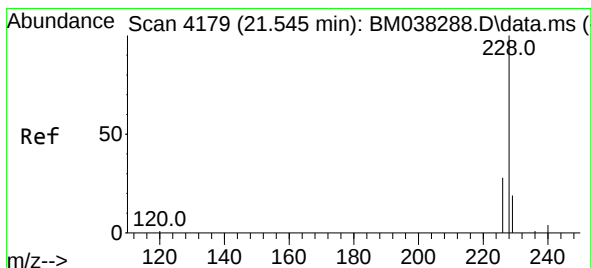
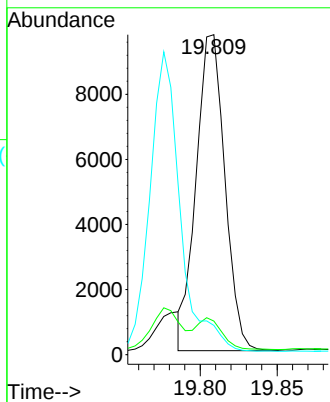
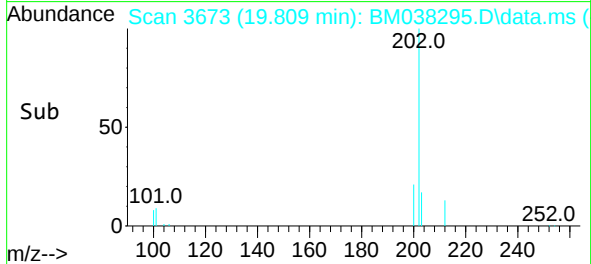
Instrument :
BNA_M
ClientSampleId :
DBYE0



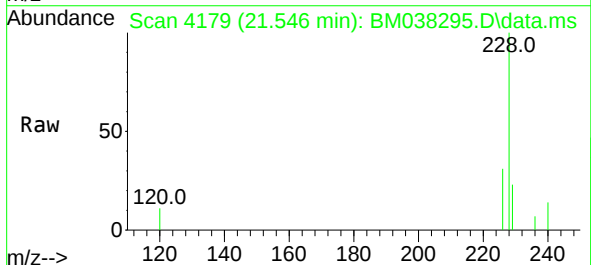
Tgt Ion:202 Resp: 1259
Ion Ratio Lower Upper
202 100
101 10.5 8.9 13.3
100 9.2 7.4 11.0

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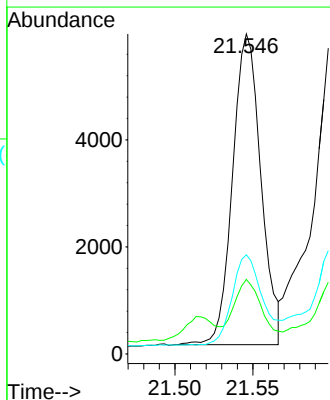
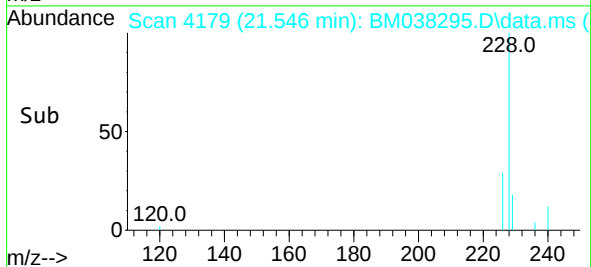
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

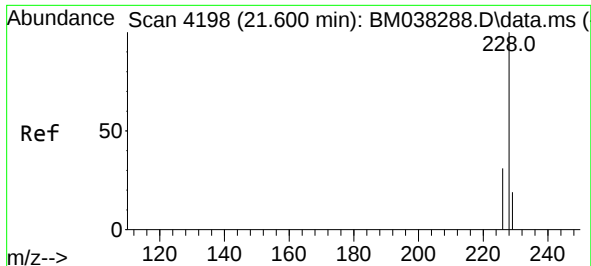


#21
Benzo(a)anthracene
Concen: 0.192 ng/ul
RT: 21.546 min Scan# 4179
Delta R.T. -0.005 min
Lab File: BM038295.D
Acq: 25 Dec 2022 06:29



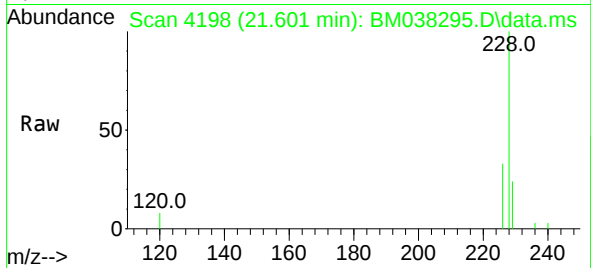
Tgt Ion:228 Resp: 7343
Ion Ratio Lower Upper
228 100
229 23.3 15.5 23.3#
226 31.0 22.2 33.2





#22
Chrysene
Concen: 0.239 ng/ul
RT: 21.601 min Scan# 4198
Delta R.T. -0.005 min
Lab File: BM038295.D
Acq: 25 Dec 2022 06:29

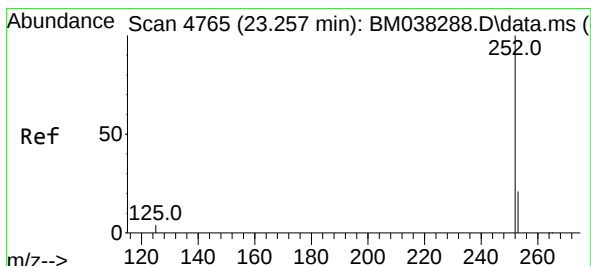
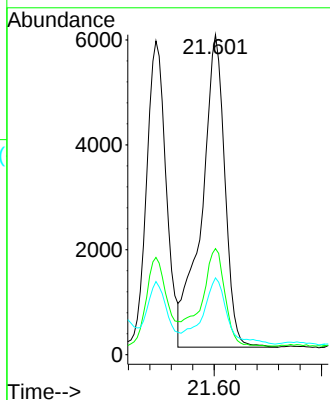
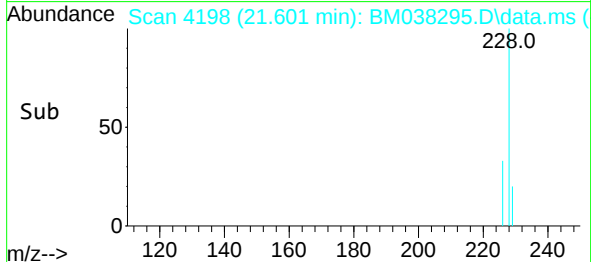
Instrument :
BNA_M
ClientSampleId :
DBYE0



Tgt Ion:228 Resp: 891
Ion Ratio Lower Upper
228 100
226 33.2 25.0 37.4
229 24.0 16.0 24.0

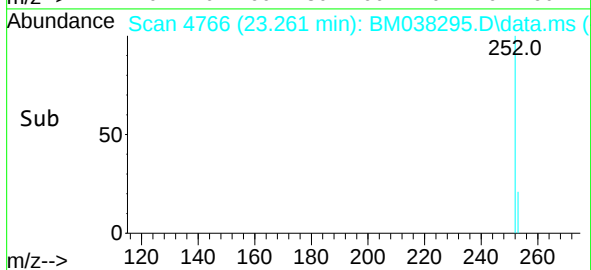
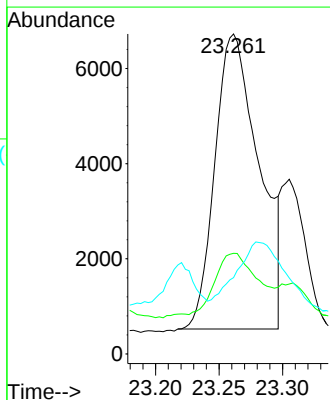
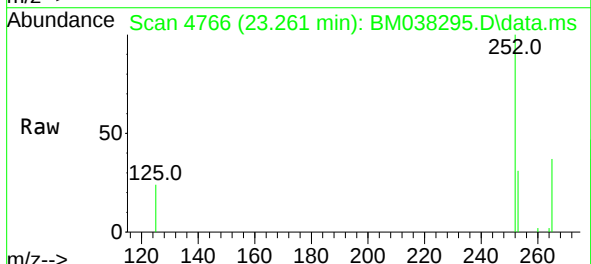
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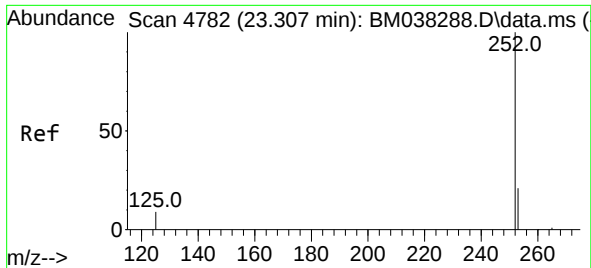
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#24
Benzo(b)fluoranthene
Concen: 0.428 ng/ul
RT: 23.261 min Scan# 4766
Delta R.T. -0.005 min
Lab File: BM038295.D
Acq: 25 Dec 2022 06:29

Tgt Ion:252 Resp: 15018
Ion Ratio Lower Upper
252 100
253 31.4 0.0 56.0
125 23.8 0.0 36.6





#25

Benzo(k)fluoranthene

Concen: 0.129 ng/ul m

RT: 23.305 min Scan# 4

Delta R.T. -0.008 min

Lab File: BM038295.D

Acq: 25 Dec 2022 06:29

Instrument :

BNM

ClientSampleId :

DBYE0

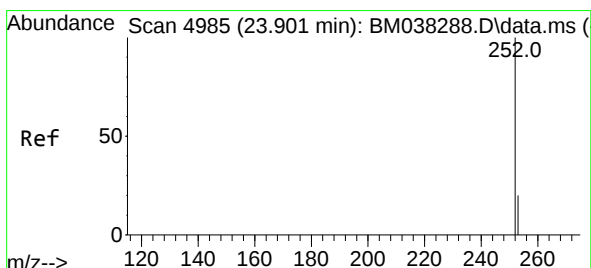
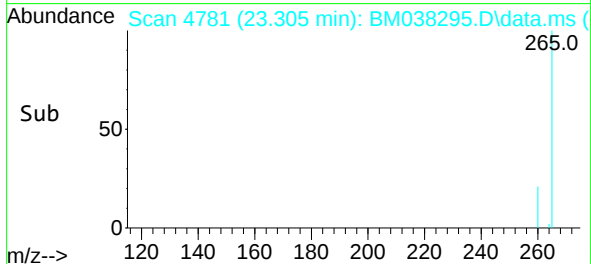
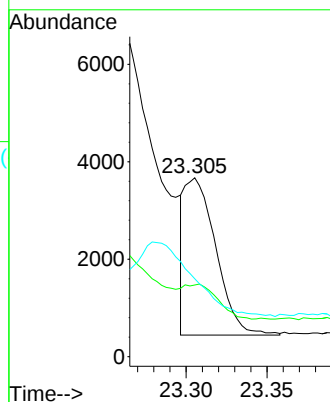
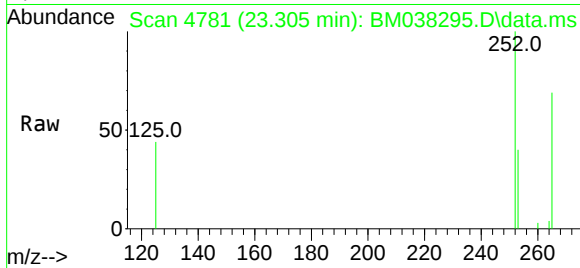
Tgt Ion:252	Resp:	4350
Ion Ratio	Lower	Upper
252	100	
253	40.0	22.5 33.7
125	43.5	14.4 21.6

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#26

Benzo(a)pyrene

Concen: 0.313 ng/ul

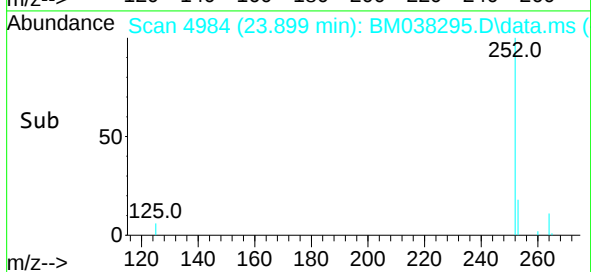
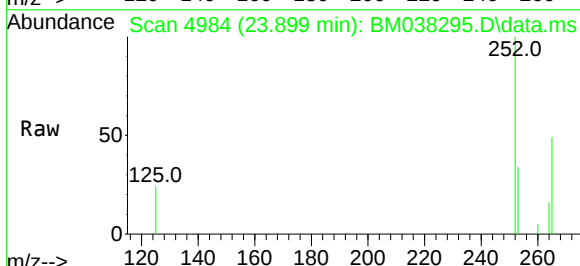
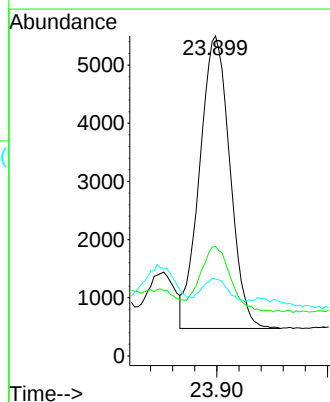
RT: 23.899 min Scan# 4984

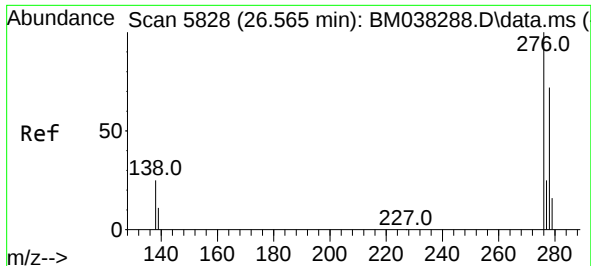
Delta R.T. -0.008 min

Lab File: BM038295.D

Acq: 25 Dec 2022 06:29

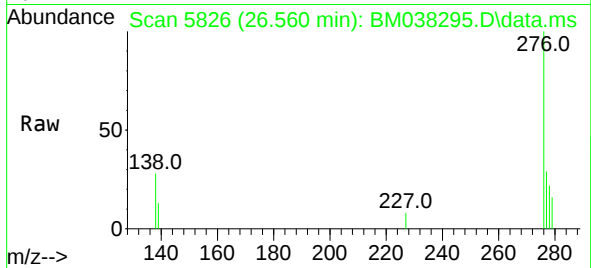
Tgt Ion:252	Resp:	9581
Ion Ratio	Lower	Upper
252	100	
253	34.2	24.2 36.4
125	24.0	17.3 25.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.197 ng/ul
RT: 26.560 min Scan# 5826
Delta R.T. -0.008 min
Lab File: BM038295.D
Acq: 25 Dec 2022 06:29

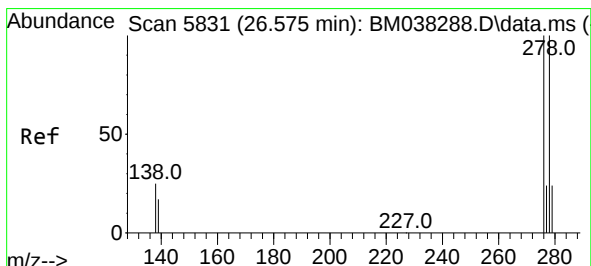
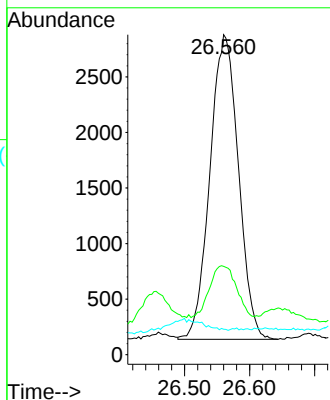
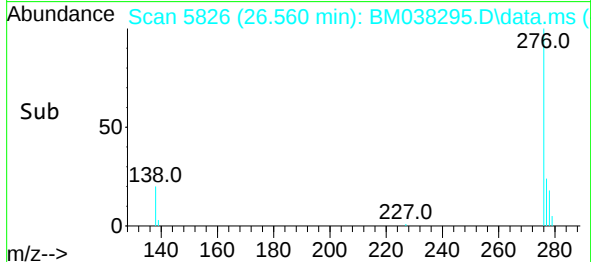
Instrument :
BNA_M
ClientSampleId :
DBYE0



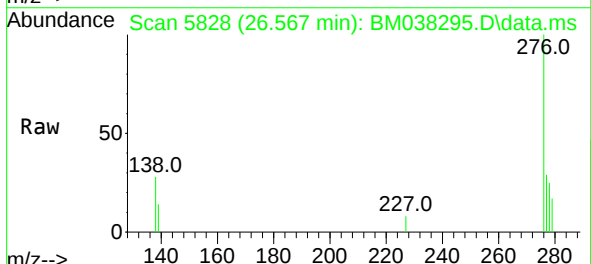
Tgt Ion: 276 Resp: 834
Ion Ratio Lower Upper
276 100
138 19.8 21.7 32.5#
227 0.0 0.0 0.0

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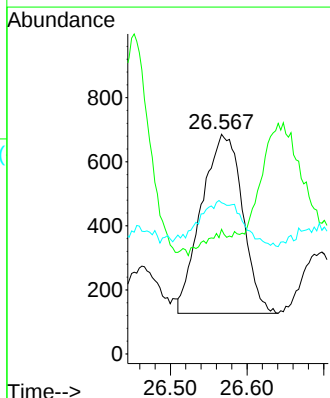
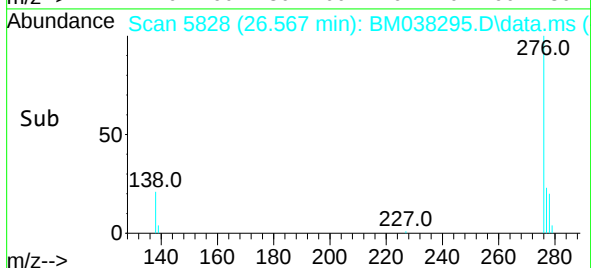
Reviewed By : Yogesh Patel 12/26/2022
Supervised By : Sohil Jodhani 12/26/2022

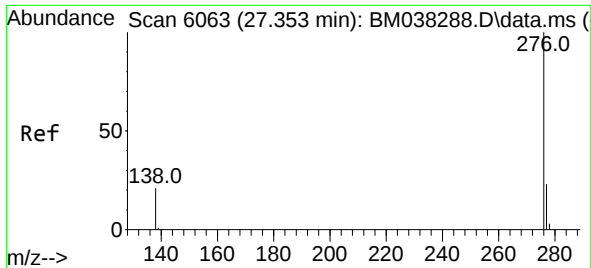


#28
Dibenzo(a,h)anthracene
Concen: 0.063 ng/ul
RT: 26.567 min Scan# 5828
Delta R.T. -0.022 min
Lab File: BM038295.D
Acq: 25 Dec 2022 06:29



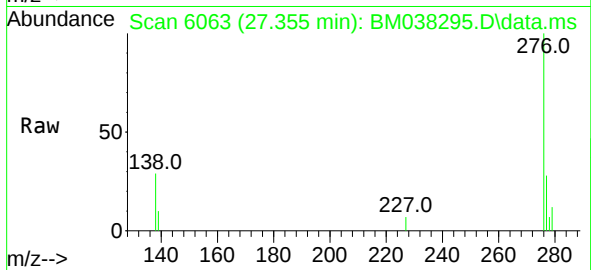
Tgt Ion: 278 Resp: 2086
Ion Ratio Lower Upper
278 100
139 56.7 16.8 25.2#
279 68.8 23.4 35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.250 ng/ul
RT: 27.355 min Scan# 6063
Delta R.T. -0.005 min
Lab File: BM038295.D
Acq: 25 Dec 2022 06:29

Instrument :
BNA_M
ClientSampleId :
DBYE0



Tgt Ion:	276	Resp:	8920
Ion	Ratio	Lower	Upper
276	100		
138	28.9	20.8	31.2
277	27.9	20.5	30.7

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