

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038290.D
 Acq On : 25 Dec 2022 03:30
 Operator : CG/JU
 Sample : N6016-11
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYD5

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 04:10:28 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	2929	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	8919	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	5500	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	11336	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	8869	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	8239	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	14174	4.757	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	4496	0.342	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	10019	0.301	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.889	128	590	0.023	ng/ul#	70
15) Phenanthrene	17.434	178	3949	0.104	ng/ul#	83
16) Anthracene	17.527	178	875	0.024	ng/ul#	64
19) Fluoranthene	19.445	202	11531	0.237	ng/ul#	91
20) Pyrene	19.808	202	10100m	0.206	ng/ul	
21) Benzo(a)anthracene	21.545	228	5521	0.142	ng/ul	94
22) Chrysene	21.600	228	6599	0.174	ng/ul	95
24) Benzo(b)fluoranthene	23.257	252	10539	0.289	ng/ul	87
25) Benzo(k)fluoranthene	23.301	252	3197m	0.091	ng/ul	
26) Benzo(a)pyrene	23.898	252	6414	0.202	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.562	276	5442	0.123	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.565	278	1386	0.040	ng/ul#	12
29) Benzo(g,h,i)perylene	27.357	276	5615	0.151	ng/ul#	88

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

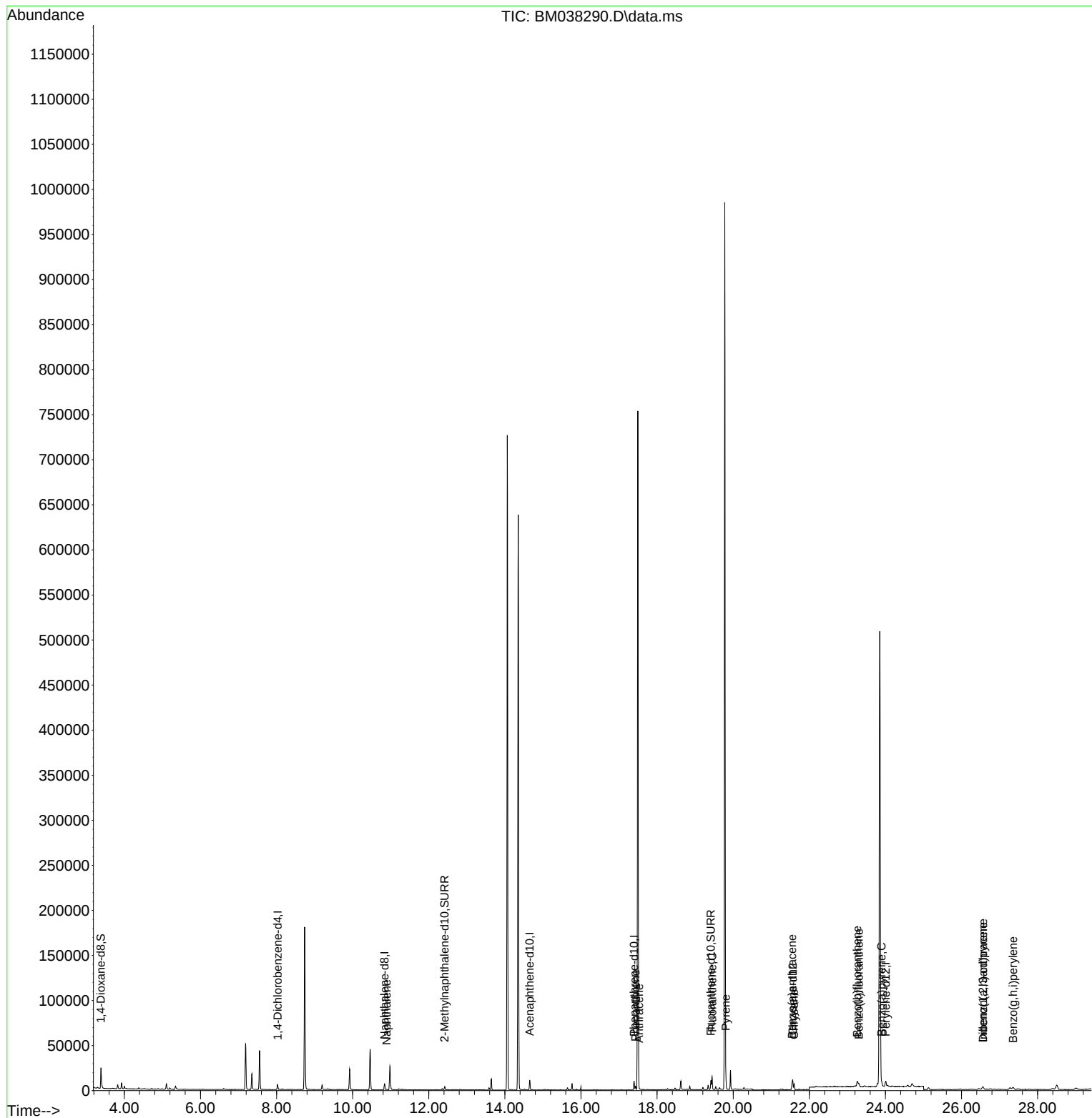
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
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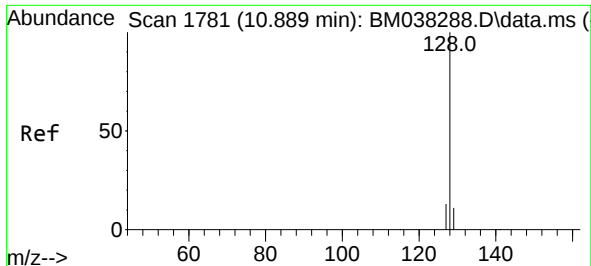
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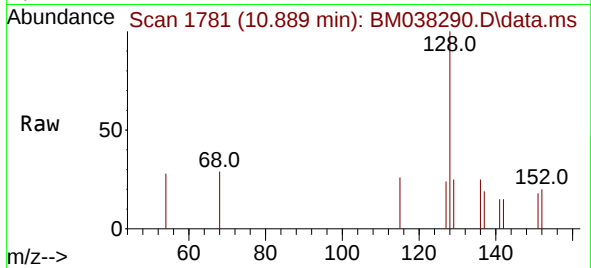
Quant Time: Dec 25 04:10:28 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.023 ng/u1
RT: 10.889 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BM038290.D
Acq: 25 Dec 2022 03:30

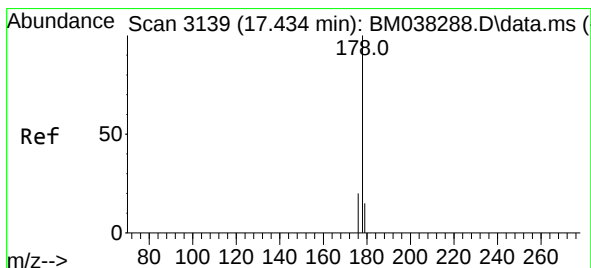
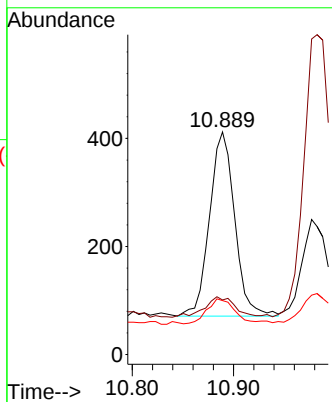
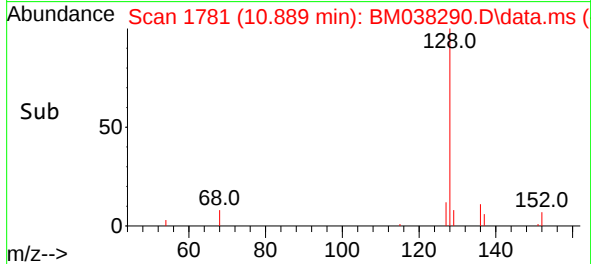
Instrument :
BNA_M
ClientSampleId :
DBYD5



Tgt Ion:128 Resp: 590
Ion Ratio Lower Upper
128 100
129 24.5 9.4 14.0#
127 24.3 10.7 16.1#

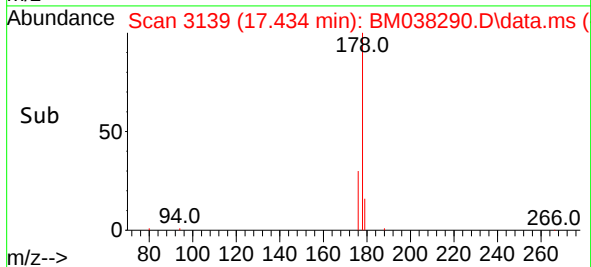
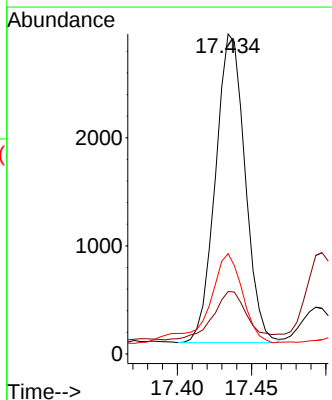
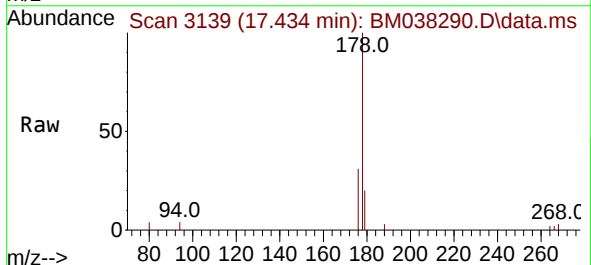
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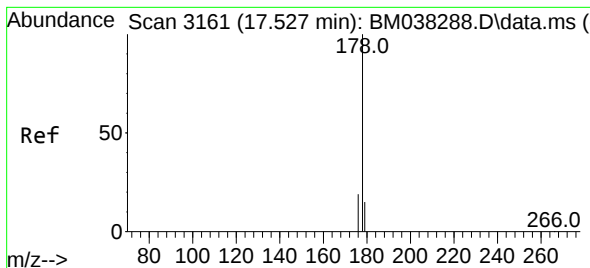
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#15
Phenanthrene
Concen: 0.104 ng/u1
RT: 17.434 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM038290.D
Acq: 25 Dec 2022 03:30

Tgt Ion:178 Resp: 3949
Ion Ratio Lower Upper
178 100
179 19.5 13.0 19.4#
176 31.3 16.2 24.4#





#16

Anthracene

Concen: 0.024 ng/ul

RT: 17.527 min Scan# 3161

Delta R.T. -0.004 min

Lab File: BM038290.D

Acq: 25 Dec 2022 03:30

Instrument :

BNA_M

ClientSampleId :

DBYD5

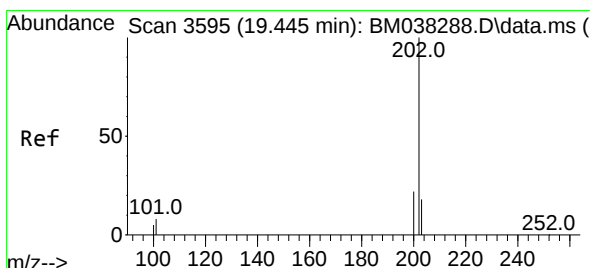
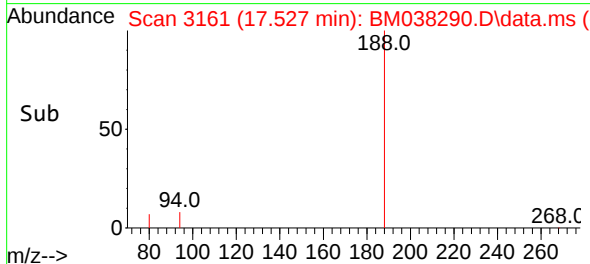
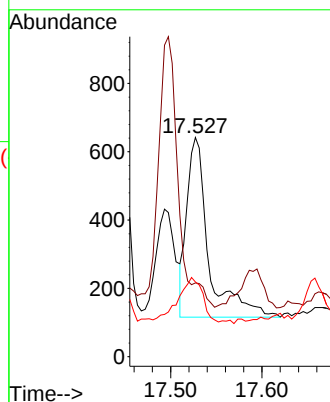
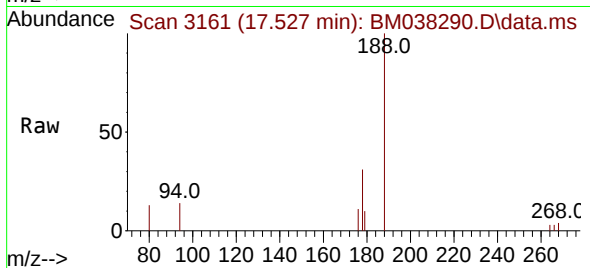
Tgt Ion:178 Resp: 875

Ion	Ratio	Lower	Upper
178	100		
179	33.6	13.0	19.6
176	34.1	15.6	23.4

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#19

Fluoranthene

Concen: 0.237 ng/ul

RT: 19.445 min Scan# 3595

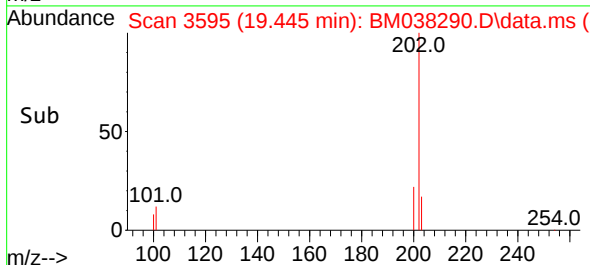
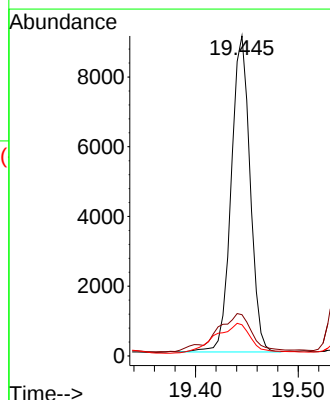
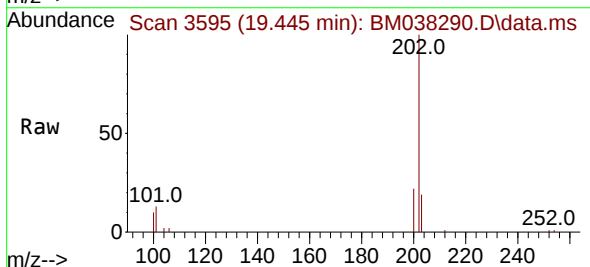
Delta R.T. -0.005 min

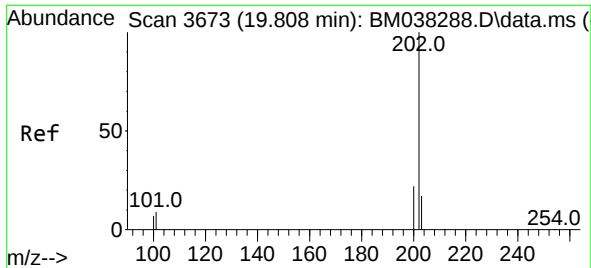
Lab File: BM038290.D

Acq: 25 Dec 2022 03:30

Tgt Ion:202 Resp: 11531

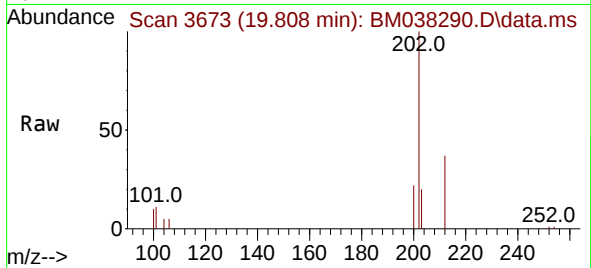
Ion	Ratio	Lower	Upper
202	100		
101	12.9	7.5	11.3
100	9.8	5.6	8.4





#20
Pyrene
Concen: 0.206 ng/ul m
RT: 19.808 min Scan# 3673
Delta R.T. -0.005 min
Lab File: BM038290.D
Acq: 25 Dec 2022 03:30

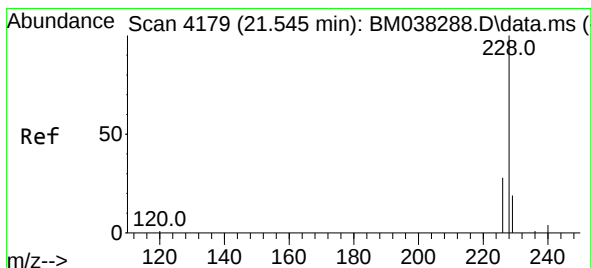
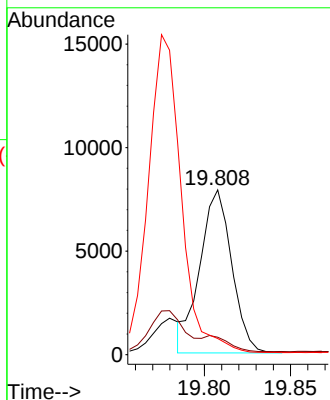
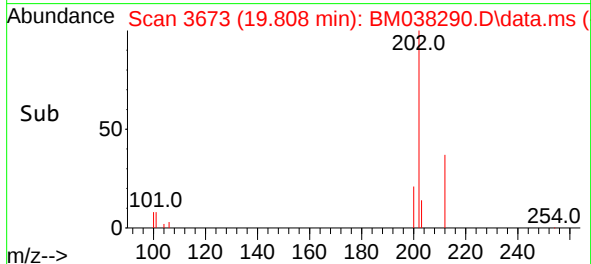
Instrument :
BNA_M
ClientSampleId :
DBYD5



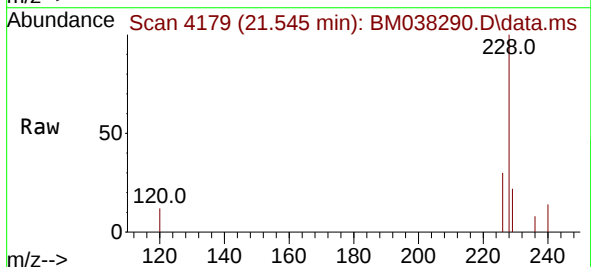
Tgt Ion:202 Resp: 10100
Ion Ratio Lower Upper
202 100
101 10.6 8.9 13.3
100 9.8 7.4 11.0

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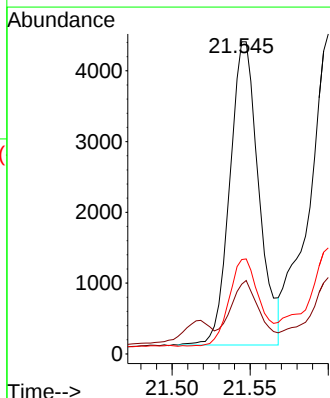
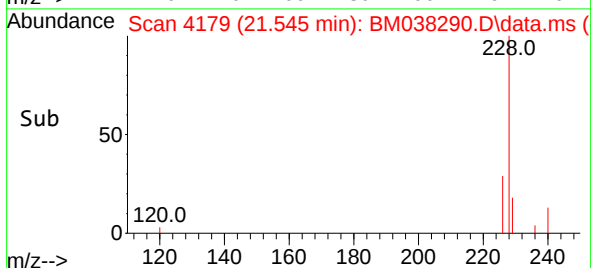
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

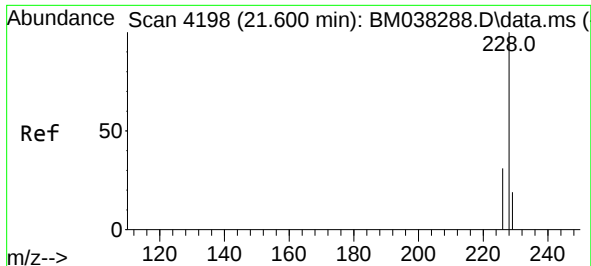


#21
Benzo(a)anthracene
Concen: 0.142 ng/ul
RT: 21.545 min Scan# 4179
Delta R.T. -0.006 min
Lab File: BM038290.D
Acq: 25 Dec 2022 03:30



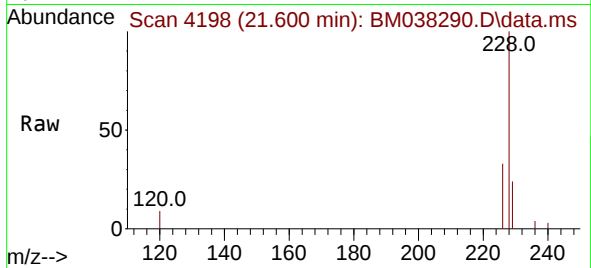
Tgt Ion:228 Resp: 5521
Ion Ratio Lower Upper
228 100
229 22.3 15.5 23.3
226 30.3 22.2 33.2





#22
Chrysene
Concen: 0.174 ng/u1
RT: 21.600 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BM038290.D
Acq: 25 Dec 2022 03:30

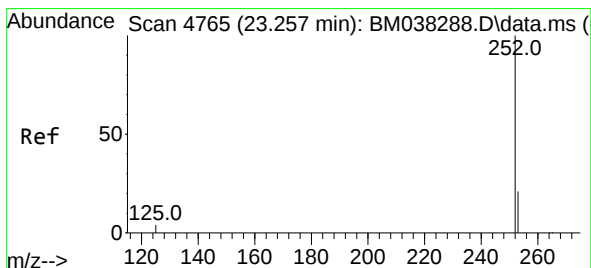
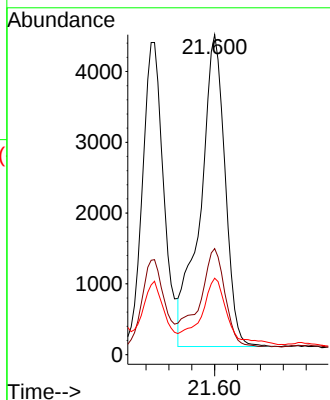
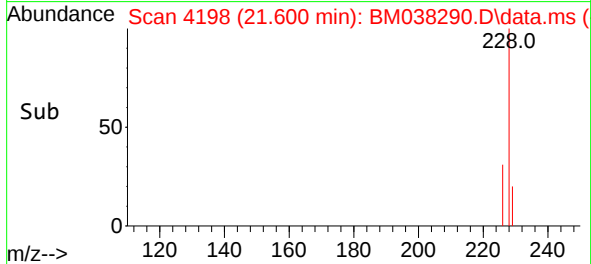
Instrument :
BNA_M
ClientSampleId :
DBYD5



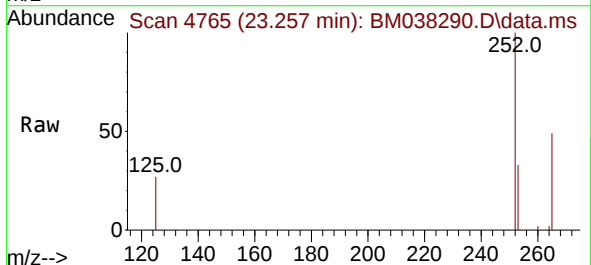
Tgt Ion:228 Resp: 6599
Ion Ratio Lower Upper
228 100
226 33.1 25.0 37.4
229 23.9 16.0 24.0

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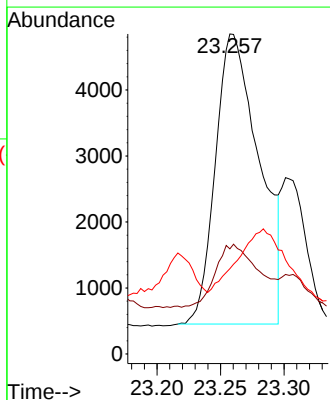
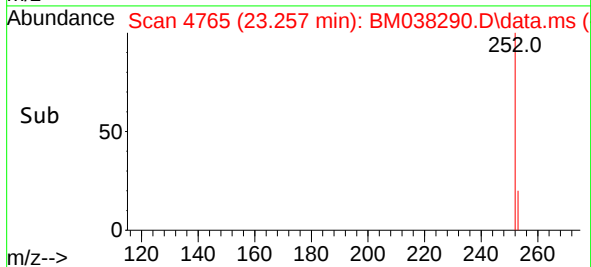
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Supervised By :Yogesh Patel 12/25/2022

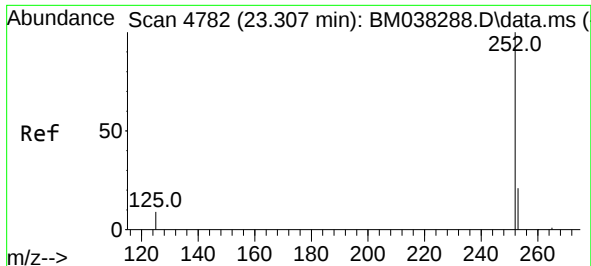


#24
Benzo(b)fluoranthene
Concen: 0.289 ng/u1
RT: 23.257 min Scan# 4765
Delta R.T. -0.009 min
Lab File: BM038290.D
Acq: 25 Dec 2022 03:30



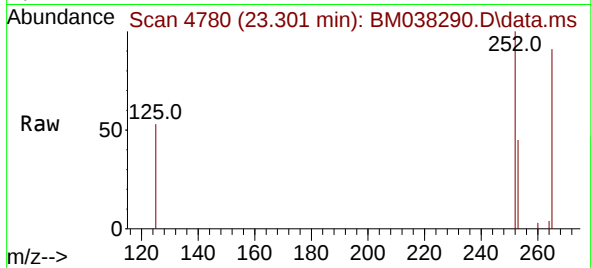
Tgt Ion:252 Resp: 10539
Ion Ratio Lower Upper
252 100
253 32.9 0.0 56.0
125 26.7 0.0 36.6





#25
Benzo(k)fluoranthene
Concen: 0.091 ng/ul m
RT: 23.301 min Scan# 4782
Delta R.T. -0.012 min
Lab File: BM038290.D
Acq: 25 Dec 2022 03:30

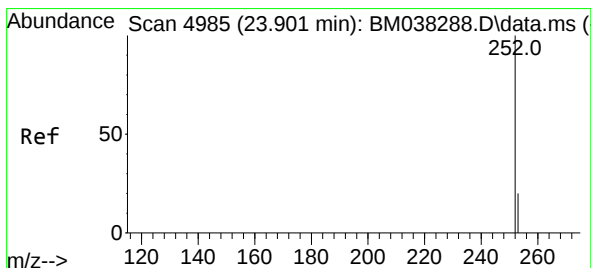
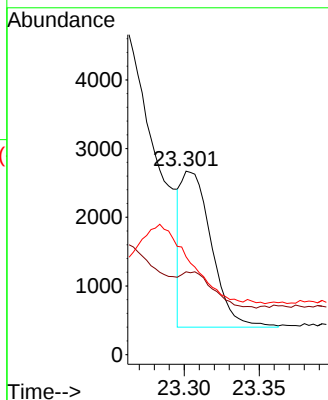
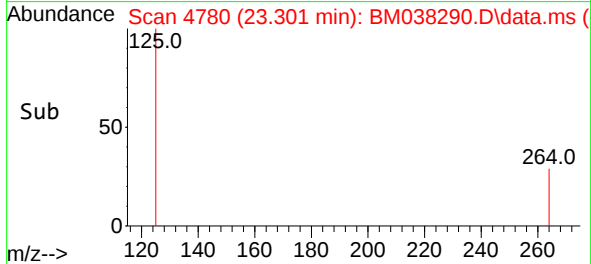
Instrument :
BNA_M
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DBYD5



Tgt Ion:252 Resp: 3197
Ion Ratio Lower Upper
252 100
253 45.1 22.5 33.7#
125 53.3 14.4 21.6#

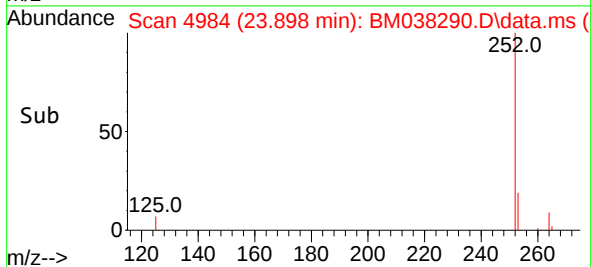
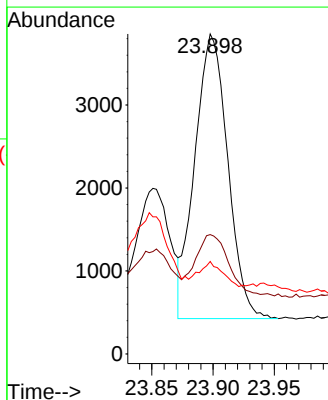
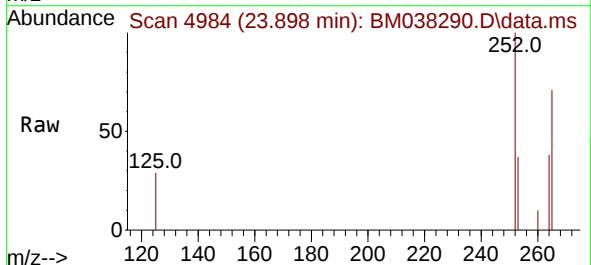
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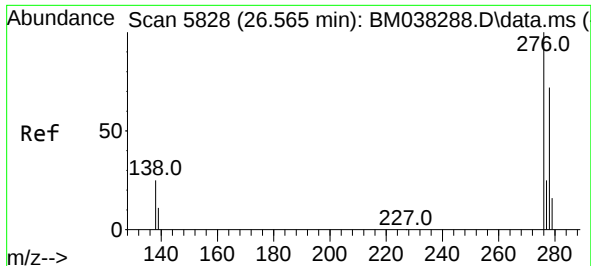
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#26
Benzo(a)pyrene
Concen: 0.202 ng/ul
RT: 23.898 min Scan# 4984
Delta R.T. -0.009 min
Lab File: BM038290.D
Acq: 25 Dec 2022 03:30

Tgt Ion:252 Resp: 6414
Ion Ratio Lower Upper
252 100
253 37.3 24.2 36.4#
125 28.9 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.123 ng/ul

RT: 26.562 min Scan# 5827

Delta R.T. -0.007 min

Lab File: BM038290.D

Acq: 25 Dec 2022 03:30

Instrument :

BNA_M

ClientSampleId :

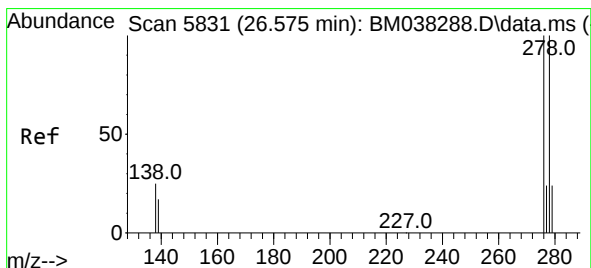
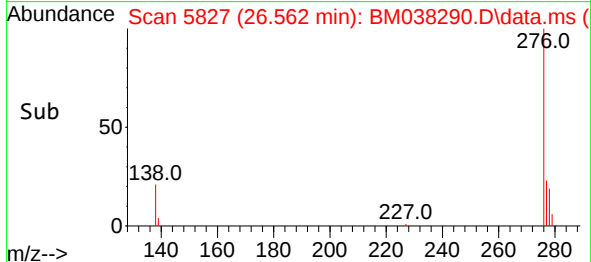
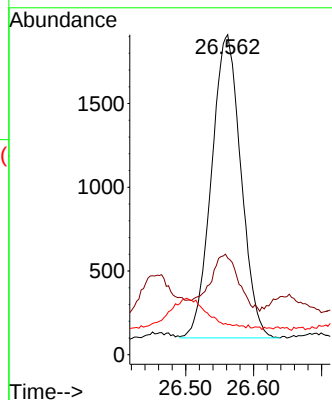
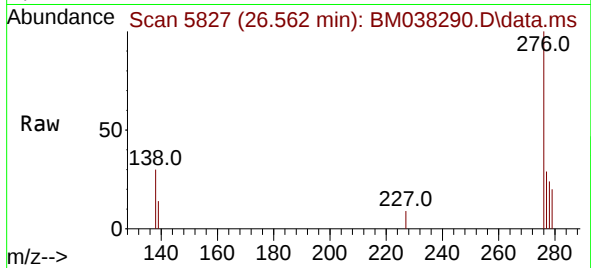
DBYD5

Tgt Ion:	276	Resp:	544
Ion Ratio	Lower	Upper	
276	100		
138	20.1	21.7	32.5
227	0.0	0.0	0.0

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#28

Dibenzo(a,h)anthracene

Concen: 0.040 ng/ul

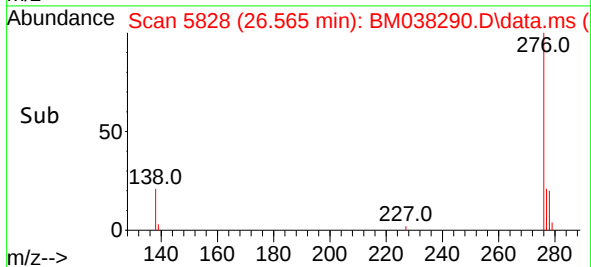
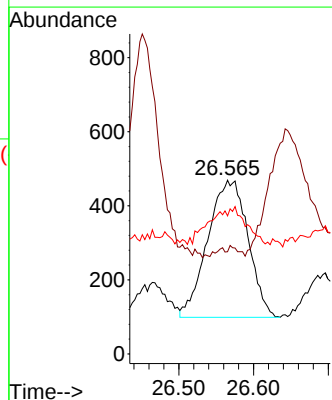
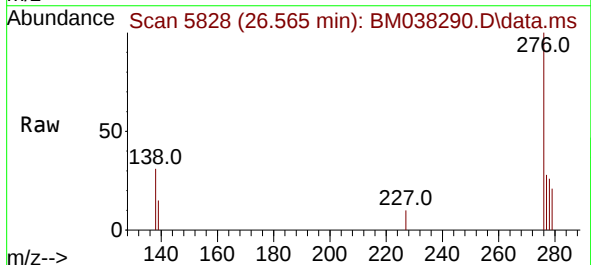
RT: 26.565 min Scan# 5828

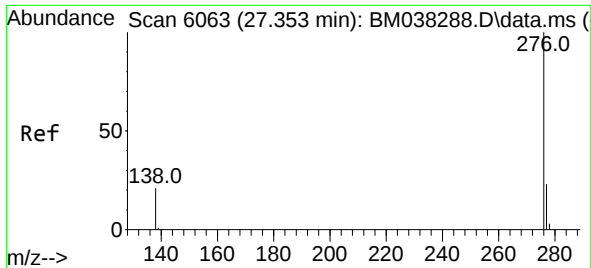
Delta R.T. -0.023 min

Lab File: BM038290.D

Acq: 25 Dec 2022 03:30

Tgt Ion:	278	Resp:	1386
Ion Ratio	Lower	Upper	
278	100		
139	58.8	16.8	25.2#
279	79.5	23.4	35.2#





#29

Benzo(g,h,i)perylene

Concen: 0.151 ng/ul

RT: 27.357 min Scan# 6064

Delta R.T. -0.003 min

Lab File: BM038290.D

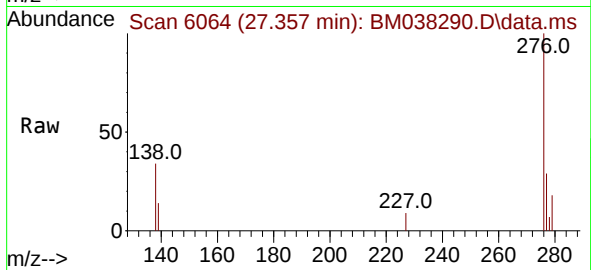
Acq: 25 Dec 2022 03:30

Instrument :

BNA_M

ClientSampleId :

DBYD5



Tgt Ion:276 Resp: 561

Ion Ratio Lower Upper

276 100

138 34.4 20.8 31.2

277 29.1 20.5 30.7

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