

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038226.D
 Acq On : 23 Dec 2022 10:29
 Operator : CG/JU
 Sample : N6014-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXS2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/24/2022
 Supervised By :Yogesh Patel 12/24/2022

Quant Time: Dec 23 23:22:34 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 : Thu Dec 22 23:36:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	4598	0.400	ng/ul	0.00
4) Naphthalene-d8	10.851	136	14092	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	7743	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	15585	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	9877	0.400	ng/ul	0.00
23) Perylene-d12	24.026	264	9888	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	15553	3.325	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	4355	0.210	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	7890	0.213	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.447	178	3723	0.071	ng/ul#	93
19) Fluoranthene	19.455	202	10769	0.199	ng/ul#	91
20) Pyrene	19.817	202	9648m	0.176	ng/ul	
21) Benzo(a)anthracene	21.559	228	5706	0.132	ng/ul#	92
22) Chrysene	21.615	228	7364	0.175	ng/ul#	96
24) Benzo(b)fluoranthene	23.278	252	10437	0.238	ng/ul	79
25) Benzo(k)fluoranthene	23.322	252	3564m	0.085	ng/ul	
26) Benzo(a)pyrene	23.915	252	7766	0.203	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.585	276	6306	0.119	ng/ul#	48
28) Dibenzo(a,h)anthracene	26.592	278	1766	0.043	ng/ul#	1
29) Benzo(g,h,i)perylene	27.380	276	8400	0.188	ng/ul#	89

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

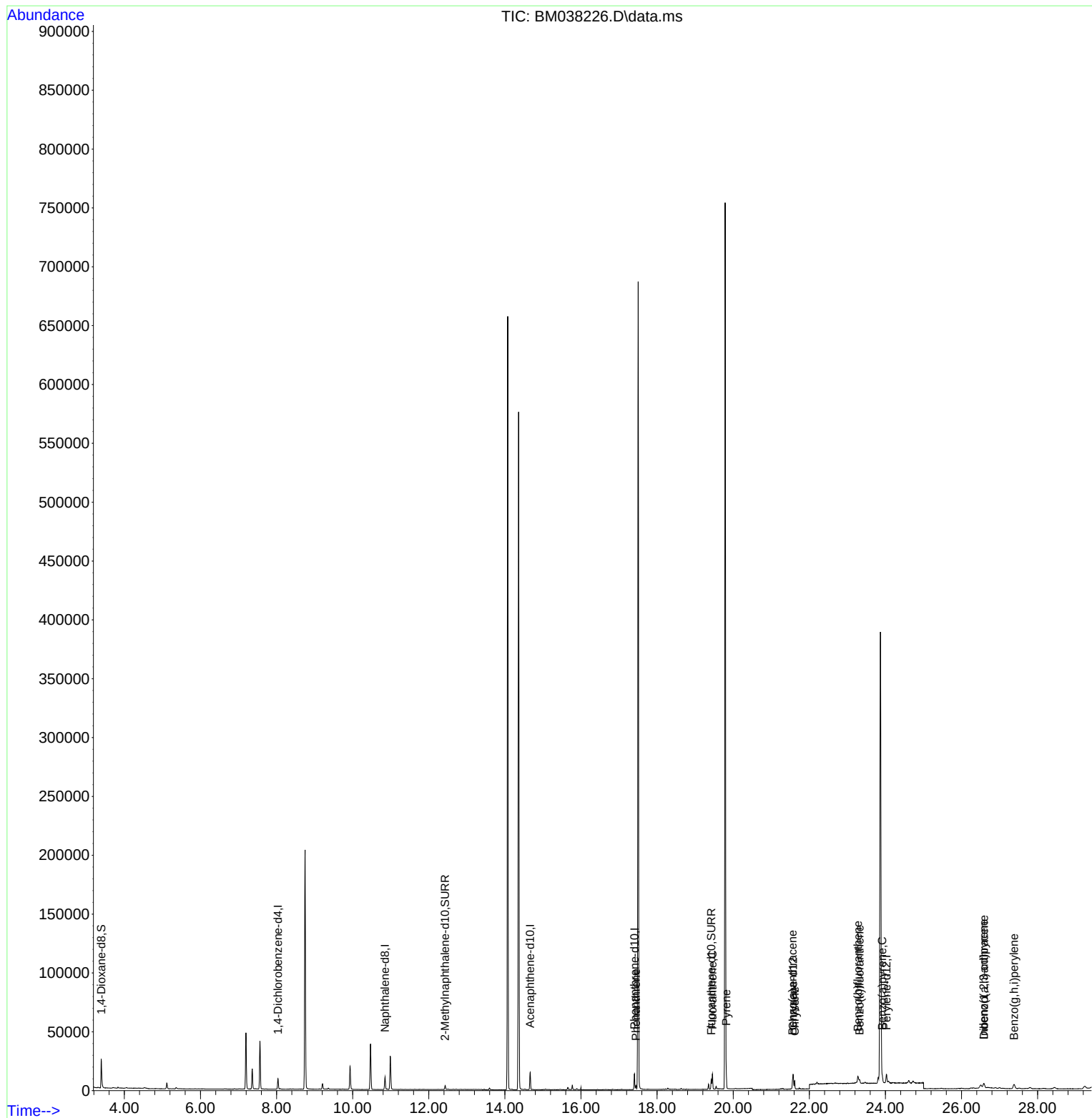
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038226.D
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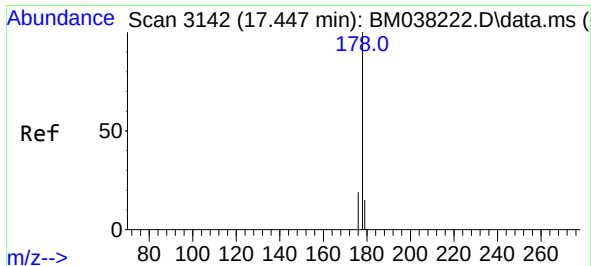
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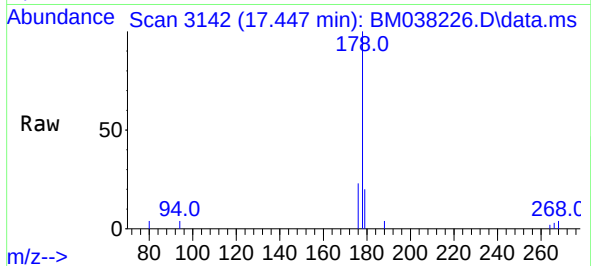
Quant Time: Dec 23 23:22:34 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:36:45 2022
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#15
Phenanthrene
Concen: 0.071 ng/u1
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038226.D
Acq: 23 Dec 2022 10:29

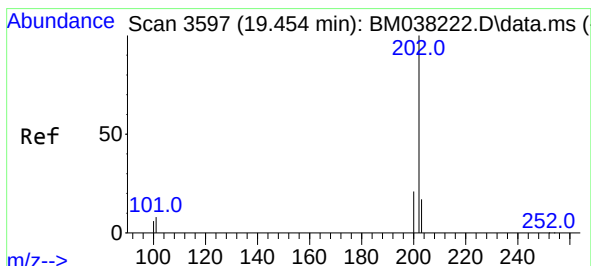
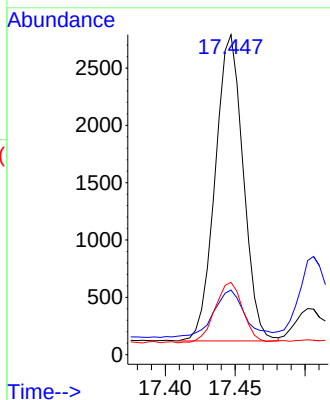
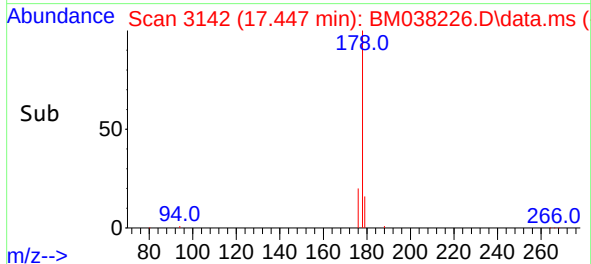
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BNA_M
ClientSampleId :
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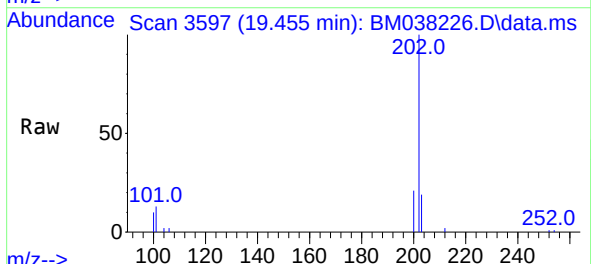
Tgt Ion:178 Resp: 372
Ion Ratio Lower Upper
178 100
179 20.2 13.0 19.4#
176 22.6 16.2 24.4#

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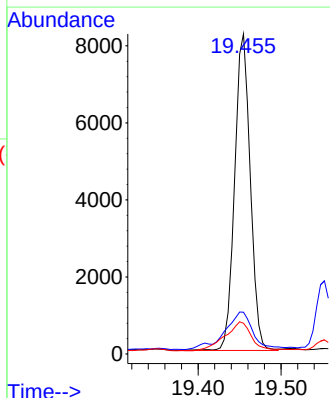
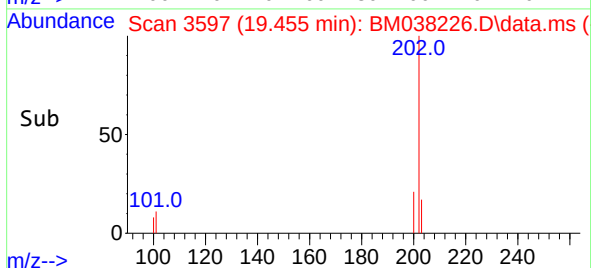
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

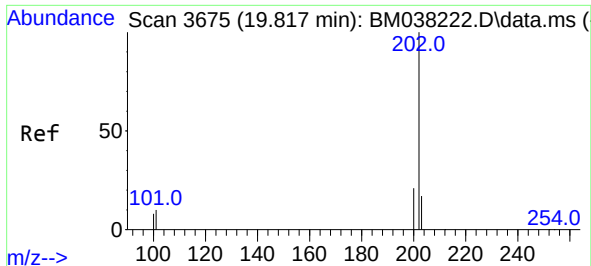


#19
Fluoranthene
Concen: 0.199 ng/u1
RT: 19.455 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038226.D
Acq: 23 Dec 2022 10:29



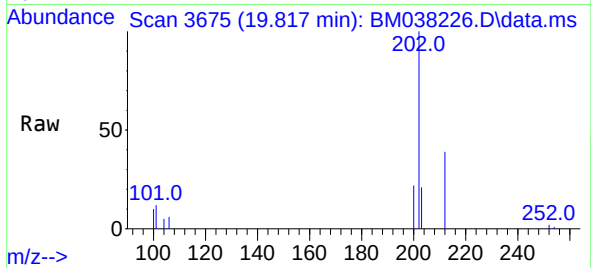
Tgt Ion:202 Resp: 10769
Ion Ratio Lower Upper
202 100
101 13.1 7.5 11.3#
100 9.6 5.6 8.4#





#20
Pyrene
Concen: 0.176 ng/ul m
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038226.D
Acq: 23 Dec 2022 10:29

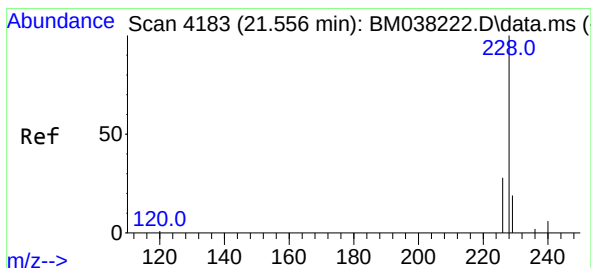
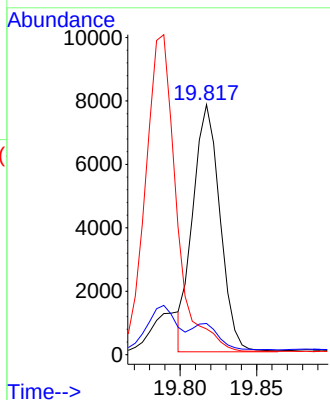
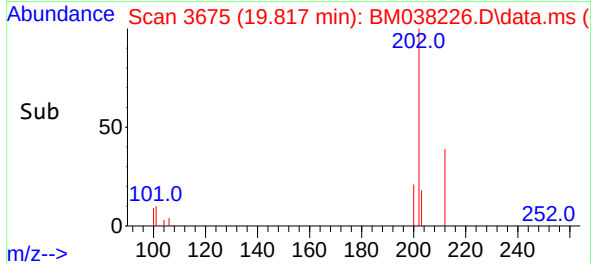
Instrument :
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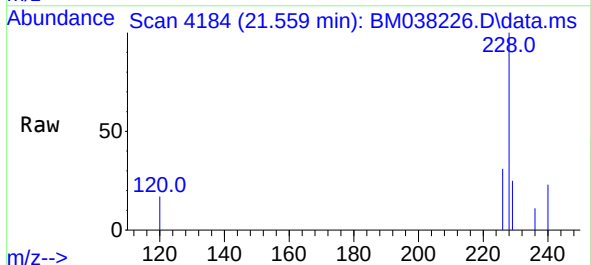
Tgt Ion:202 Resp: 9648
Ion Ratio Lower Upper
202 100
101 12.5 8.9 13.3
100 10.3 7.4 11.0

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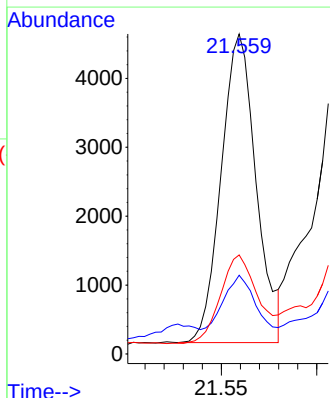
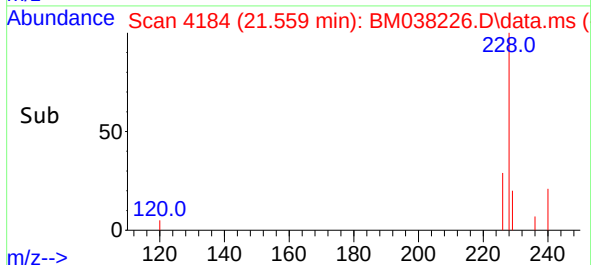
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

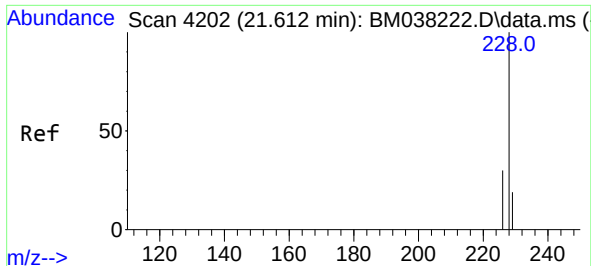


#21
Benzo(a)anthracene
Concen: 0.132 ng/ul
RT: 21.559 min Scan# 4184
Delta R.T. 0.000 min
Lab File: BM038226.D
Acq: 23 Dec 2022 10:29



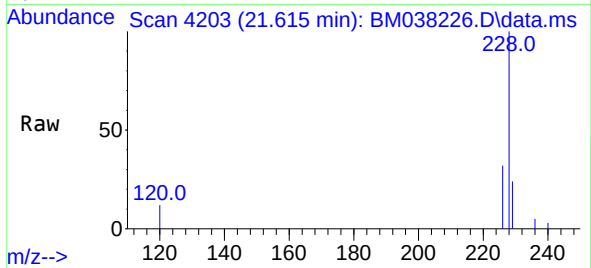
Tgt Ion:228 Resp: 5706
Ion Ratio Lower Upper
228 100
229 24.6 15.5 23.3#
226 31.0 22.2 33.2





#22
Chrysene
Concen: 0.175 ng/u1
RT: 21.615 min Scan# 41
Delta R.T. 0.003 min
Lab File: BM038226.D
Acq: 23 Dec 2022 10:29

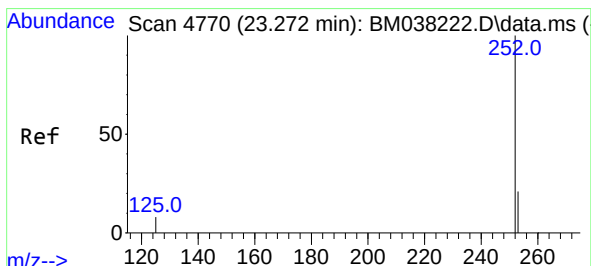
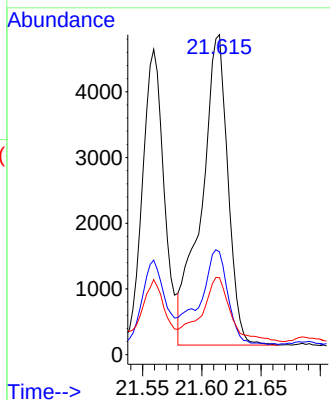
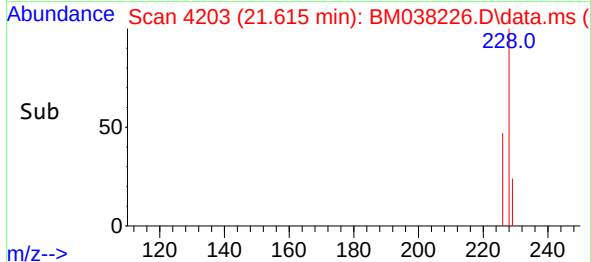
Instrument :
BNA_M
ClientSampleId :
DBXS2



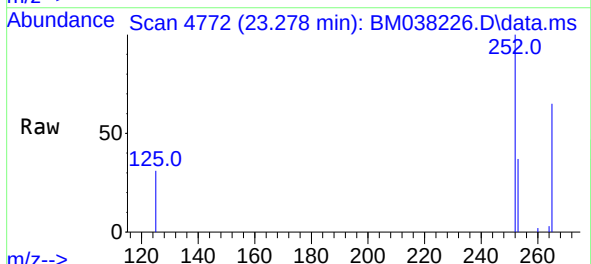
Tgt Ion:228 Resp: 7364
Ion Ratio Lower Upper
228 100
226 32.1 25.0 37.4
229 24.1 16.0 24.0

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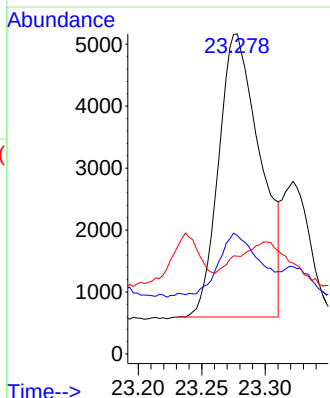
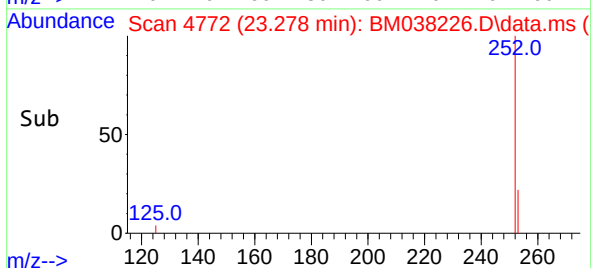
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

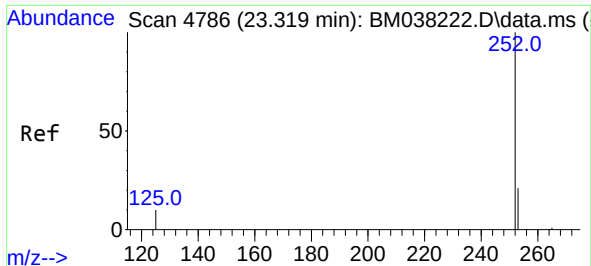


#24
Benzo(b)fluoranthene
Concen: 0.238 ng/u1
RT: 23.278 min Scan# 4772
Delta R.T. 0.006 min
Lab File: BM038226.D
Acq: 23 Dec 2022 10:29



Tgt Ion:252 Resp: 10437
Ion Ratio Lower Upper
252 100
253 37.0 0.0 56.0
125 30.5 0.0 36.6





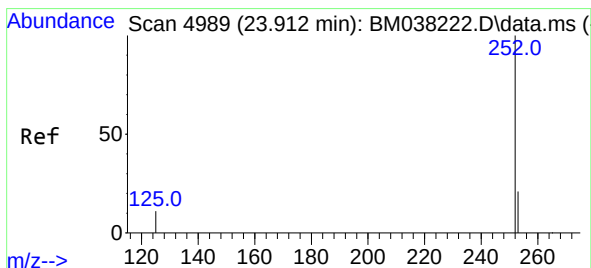
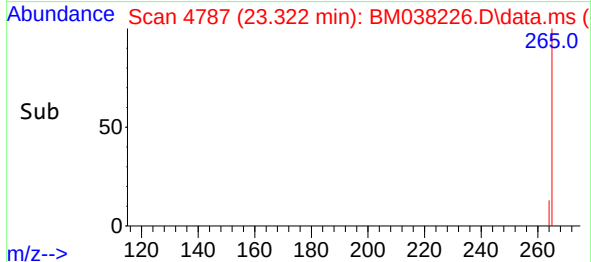
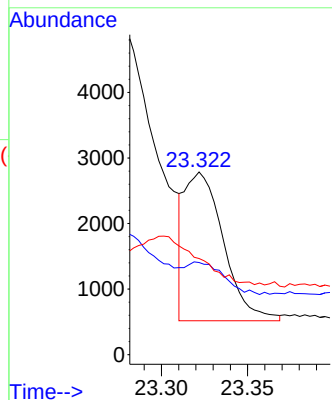
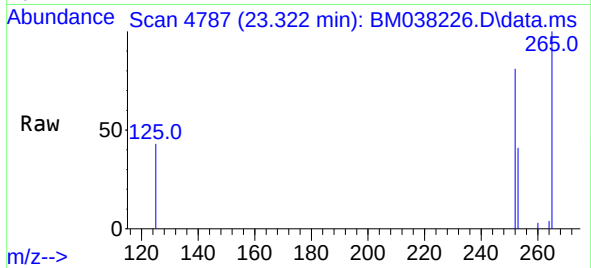
#25
Benzo(k)fluoranthene
Concen: 0.085 ng/ul m
RT: 23.322 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038226.D
Acq: 23 Dec 2022 10:29

Instrument :
BNA_M
ClientSampleId :
DBXS2

Tgt Ion:252 Resp: 3564
Ion Ratio Lower Upper
252 100
253 50.5 22.5 33.7
125 52.7 14.4 21.6

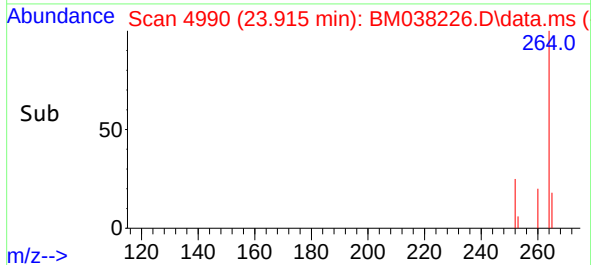
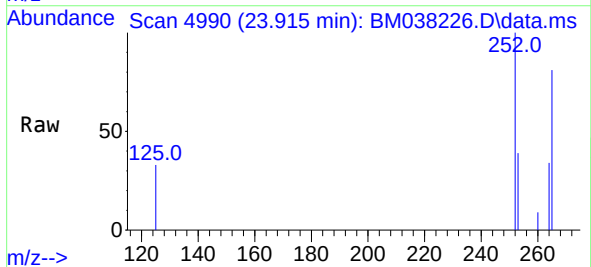
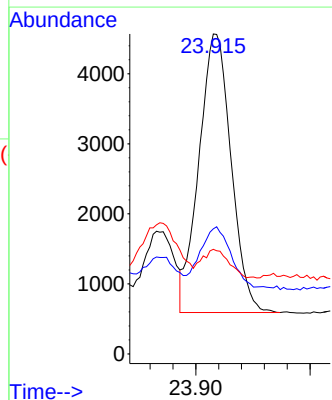
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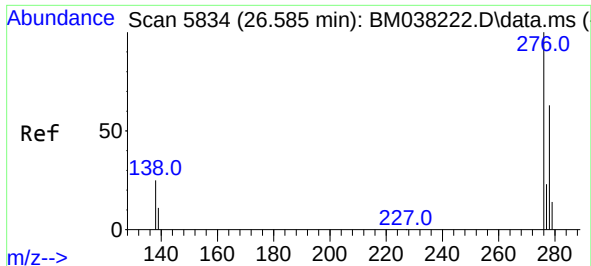
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#26
Benzo(a)pyrene
Concen: 0.203 ng/ul
RT: 23.915 min Scan# 4990
Delta R.T. 0.003 min
Lab File: BM038226.D
Acq: 23 Dec 2022 10:29

Tgt Ion:252 Resp: 7766
Ion Ratio Lower Upper
252 100
253 39.1 24.2 36.4#
125 32.7 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.119 ng/ul

RT: 26.585 min Scan# 5834

Delta R.T. 0.004 min

Lab File: BM038226.D

Acq: 23 Dec 2022 10:29

Instrument :

BNA_M

ClientSampleId :

DBXS2

Tgt Ion:276 Resp: 6300

Ion Ratio Lower Upper

276 100

138 0.0 21.7 32.5

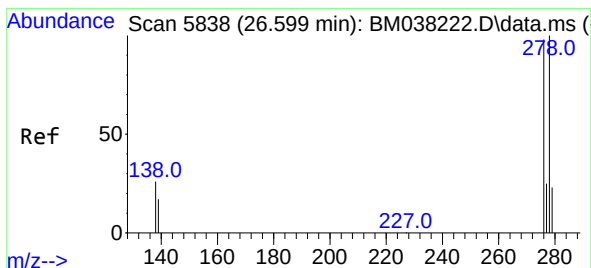
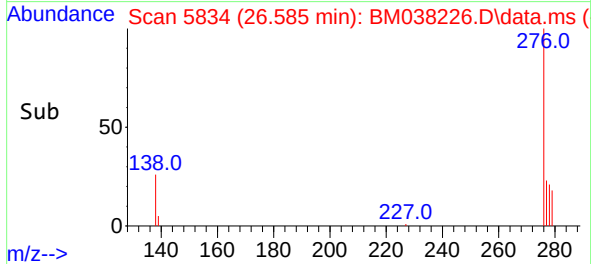
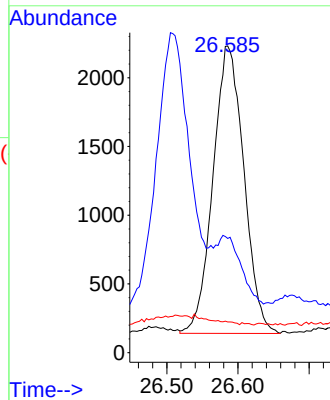
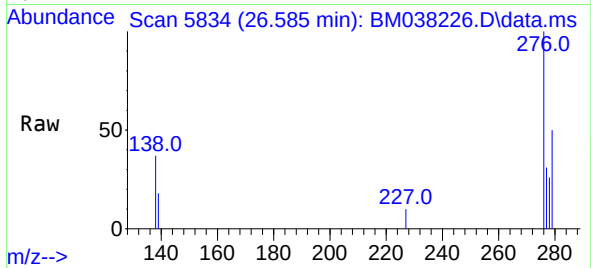
227 0.0 0.0 0.0

Manual Integrations

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#28

Dibenzo(a,h)anthracene

Concen: 0.043 ng/ul

RT: 26.592 min Scan# 5836

Delta R.T. -0.003 min

Lab File: BM038226.D

Acq: 23 Dec 2022 10:29

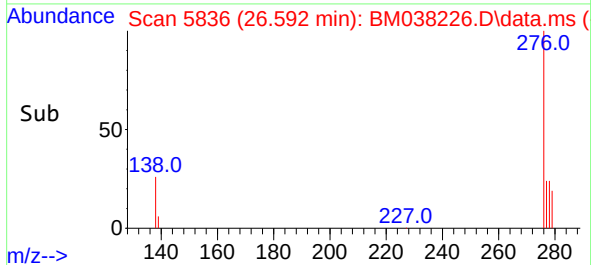
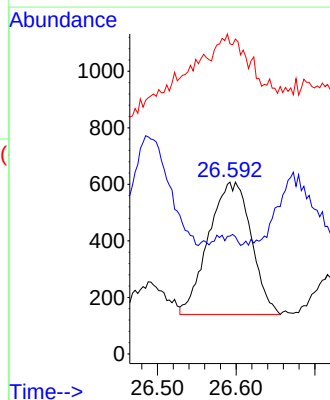
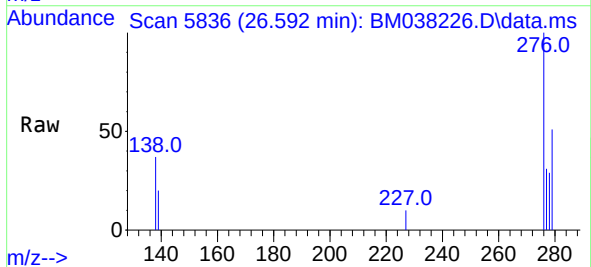
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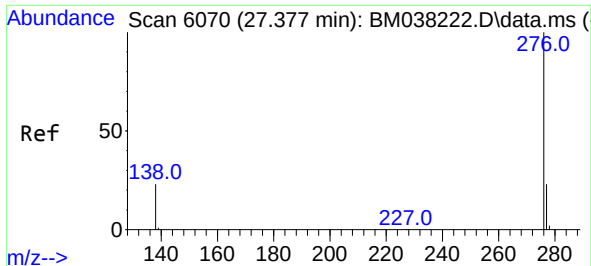
Ion Ratio Lower Upper

278 100

139 68.6 16.8 25.2#

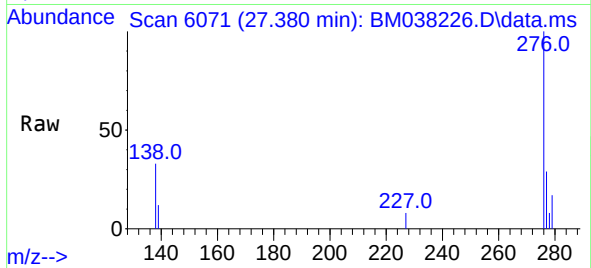
279 180.4 23.4 35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.188 ng/ul
RT: 27.380 min Scan# 6071
Delta R.T. 0.010 min
Lab File: BM038226.D
Acq: 23 Dec 2022 10:29

Instrument :
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Tgt Ion:276 Resp: 8400
Ion Ratio Lower Upper
276 100
138 33.0 20.8 31.25
277 29.5 20.5 30.7

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