

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038285.D
 Acq On : 24 Dec 2022 23:55
 Operator : CG/JU
 Sample : N6016-09
 Misc :
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYD3

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 02:58:22 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	3364	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	10229	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	6177	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	12565	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	9436	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	8876	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	14841	4.337	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	4980	0.331	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	10463	0.295	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.438	178	1783	0.042	ng/ul#	85
19) Fluoranthene	19.445	202	4847	0.094	ng/ul#	80
20) Pyrene	19.808	202	3996	0.076	ng/ul#	90
21) Benzo(a)anthracene	21.547	228	2437	0.059	ng/ul#	85
22) Chrysene	21.603	228	3029	0.075	ng/ul#	89
24) Benzo(b)fluoranthene	23.263	252	4898	0.125	ng/ul#	51
25) Benzo(k)fluoranthene	23.307	252	1529m	0.041	ng/ul	
26) Benzo(a)pyrene	23.901	252	3076	0.090	ng/ul#	56
27) Indeno(1,2,3-cd)pyrene	26.569	276	2704	0.057	ng/ul#	92
29) Benzo(g,h,i)perylene	27.357	276	2829	0.071	ng/ul#	75

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

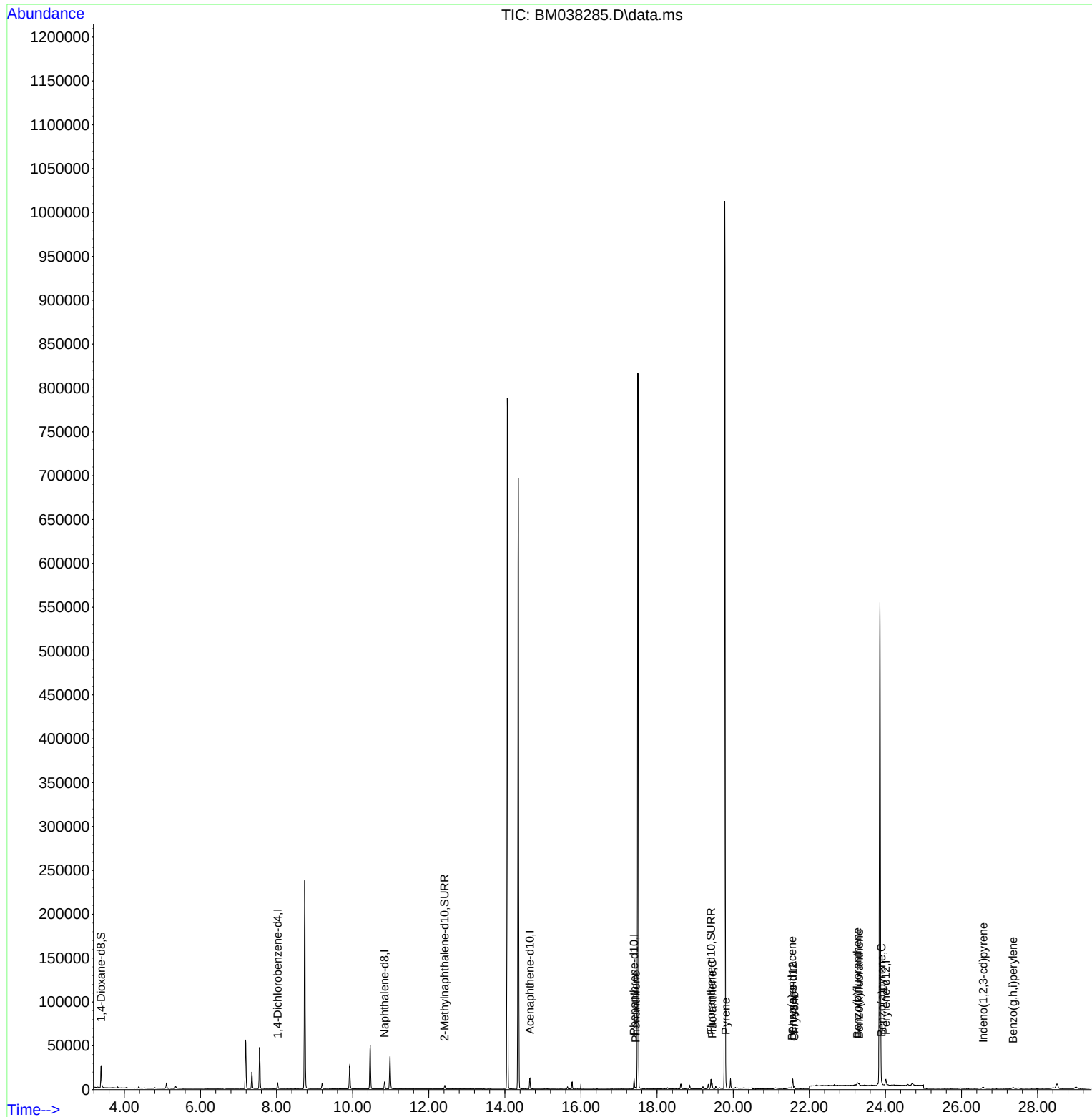
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038285.D
Acq On : 24 Dec 2022 23:55
Operator : CG/JU
Sample : N6016-09
Misc :
ALS Vial : 93 Sample Multiplier: 1

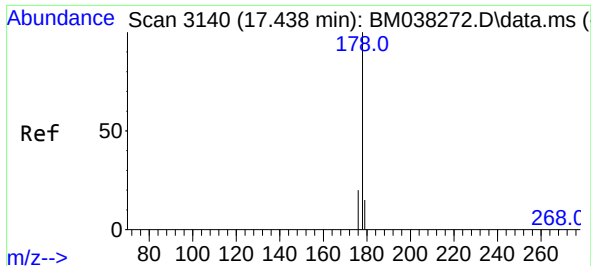
Instrument :
BNA_M
ClientSampleId :
DBYD3

Manual Integrations
APPROVED

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

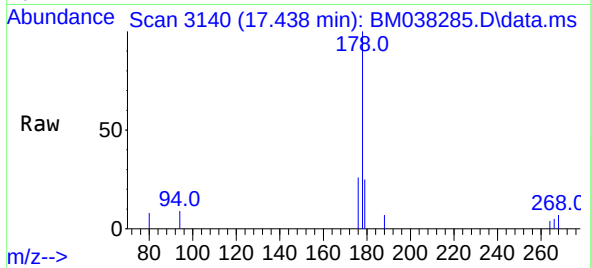
Quant Time: Dec 25 02:58:22 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.042 ng/u1
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038285.D
Acq: 24 Dec 2022 23:55

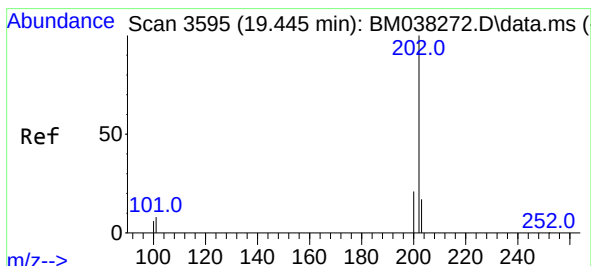
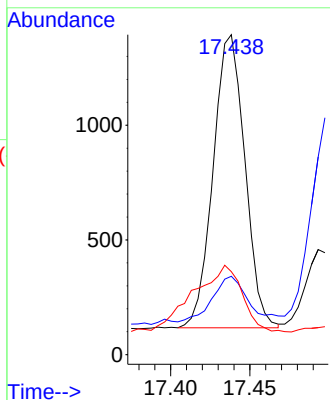
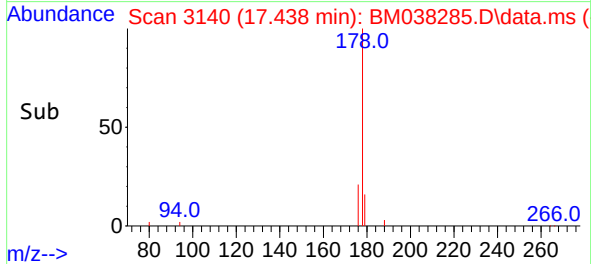
Instrument :
BNA_M
ClientSampleId :
DBYD3



Tgt Ion:178 Resp: 178
Ion Ratio Lower Upper
178 100
179 24.5 13.0 19.4#
176 25.9 16.2 24.4#

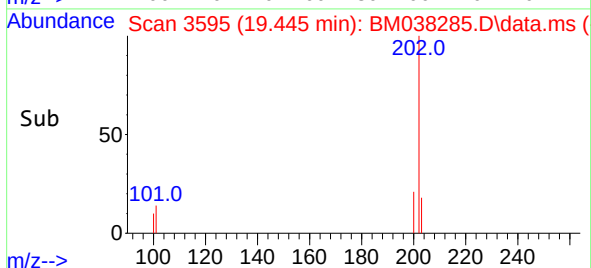
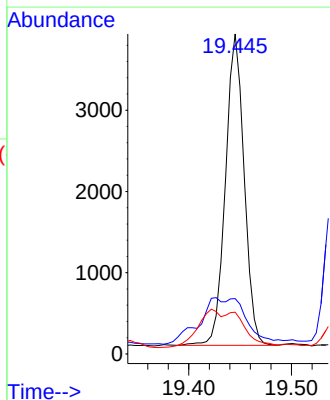
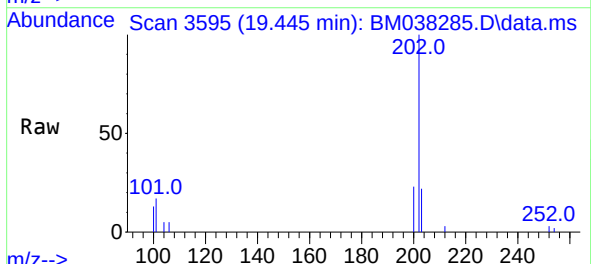
Manual Integrations
APPROVED

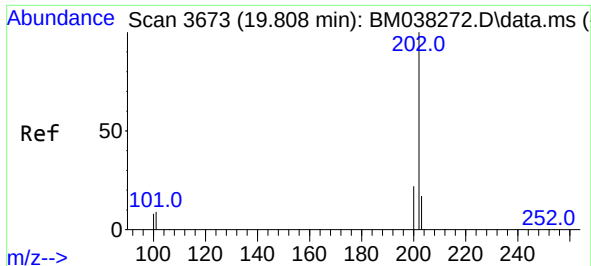
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#19
Fluoranthene
Concen: 0.094 ng/u1
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM038285.D
Acq: 24 Dec 2022 23:55

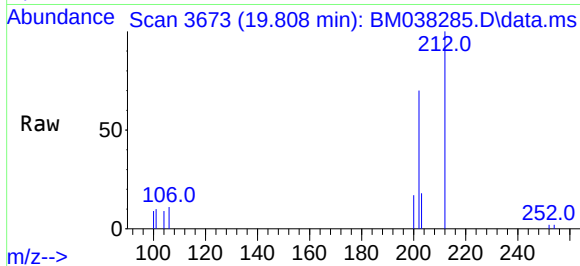
Tgt Ion:202 Resp: 4847
Ion Ratio Lower Upper
202 100
101 17.3 7.5 11.3#
100 13.0 5.6 8.4#





#20
Pyrene
Concen: 0.076 ng/u1
RT: 19.808 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM038285.D
Acq: 24 Dec 2022 23:55

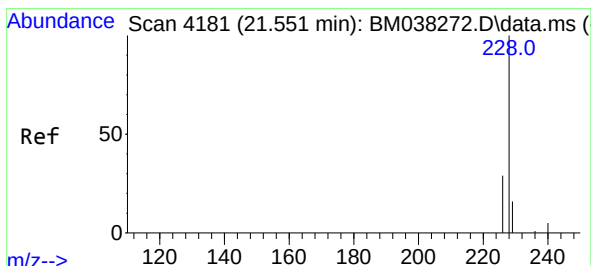
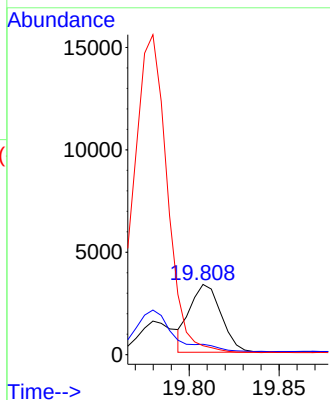
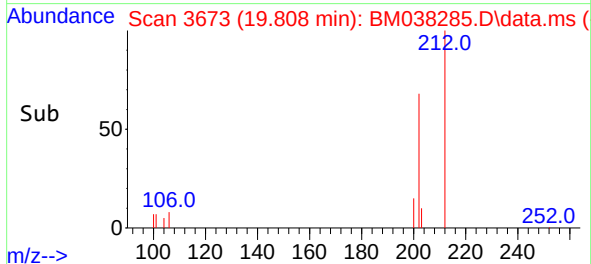
Instrument :
BNA_M
ClientSampleId :
DBYD3



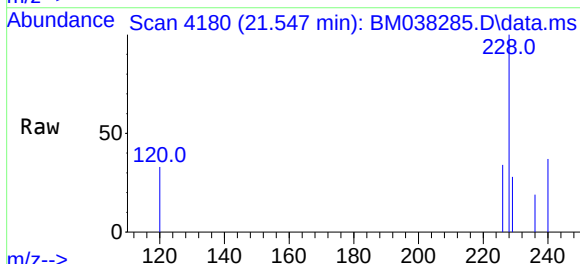
Tgt Ion:202 Resp: 3990
Ion Ratio Lower Upper
202 100
101 14.8 8.9 13.3#
100 12.7 7.4 11.0#

Manual Integrations
APPROVED

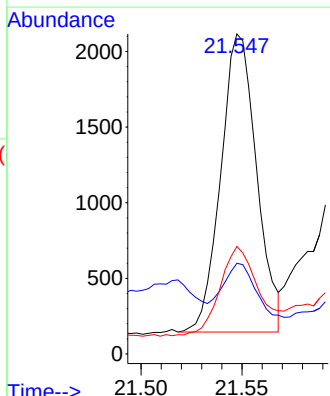
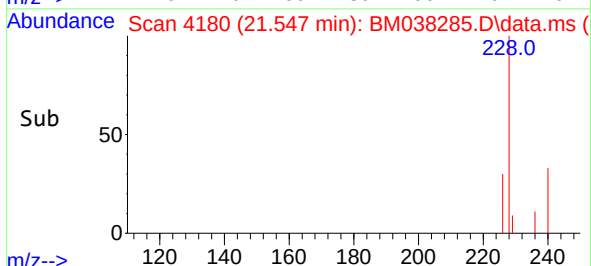
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

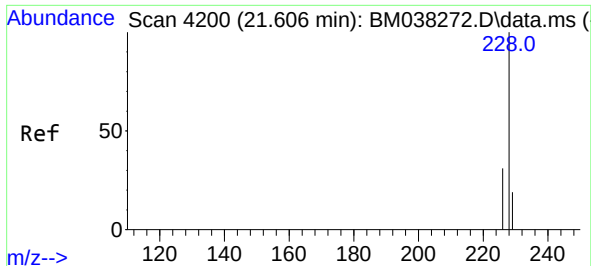


#21
Benzo(a)anthracene
Concen: 0.059 ng/u1
RT: 21.547 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BM038285.D
Acq: 24 Dec 2022 23:55



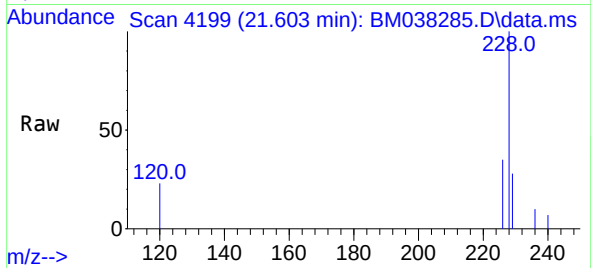
Tgt Ion:228 Resp: 2437
Ion Ratio Lower Upper
228 100
229 28.4 15.5 23.3#
226 33.6 22.2 33.2#





#22
Chrysene
Concen: 0.075 ng/u1
RT: 21.603 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM038285.D
Acq: 24 Dec 2022 23:55

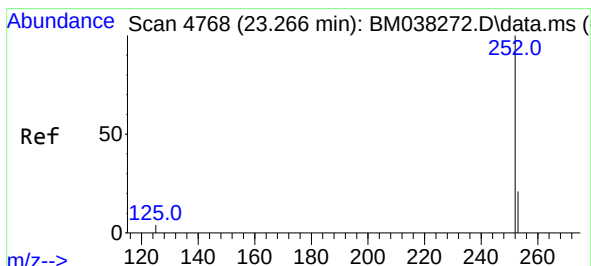
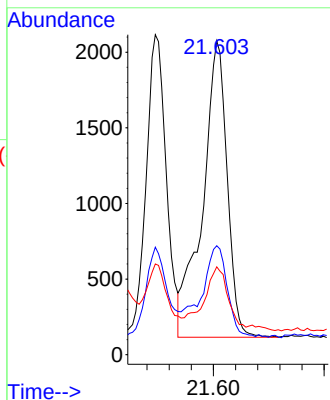
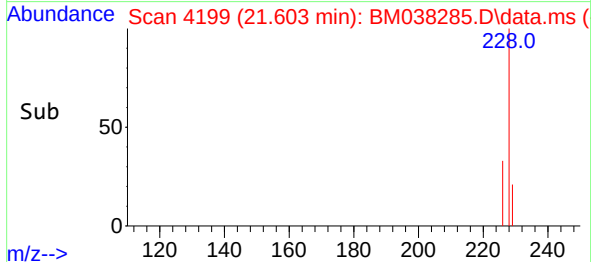
Instrument :
BNA_M
ClientSampleId :
DBYD3



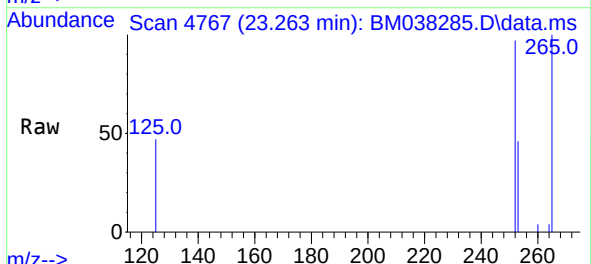
Tgt Ion:228 Resp: 3029
Ion Ratio Lower Upper
228 100
226 34.7 25.0 37.4
229 28.0 16.0 24.0

Manual Integrations
APPROVED

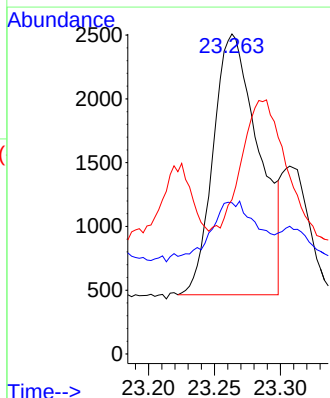
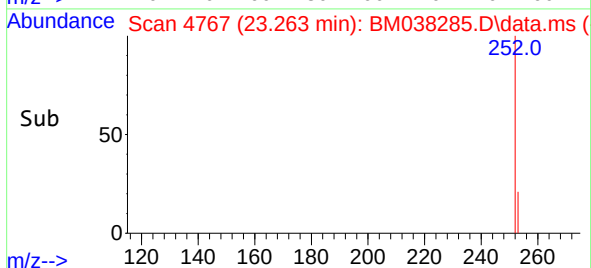
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

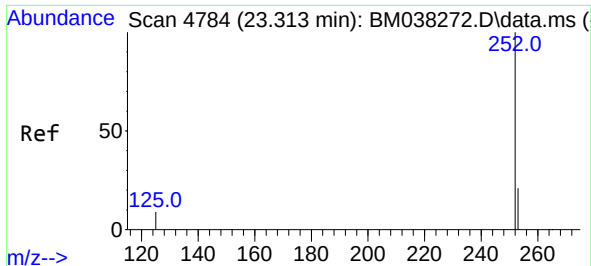


#24
Benzo(b)fluoranthene
Concen: 0.125 ng/u1
RT: 23.263 min Scan# 4767
Delta R.T. -0.003 min
Lab File: BM038285.D
Acq: 24 Dec 2022 23:55



Tgt Ion:252 Resp: 4898
Ion Ratio Lower Upper
252 100
253 47.3 0.0 56.0
125 48.2 0.0 36.6





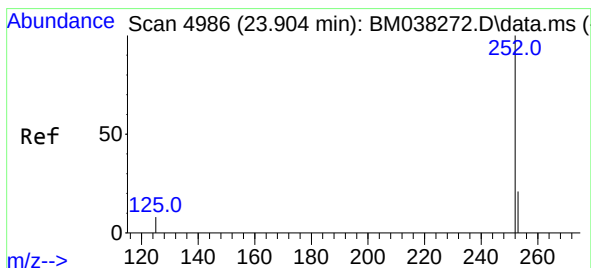
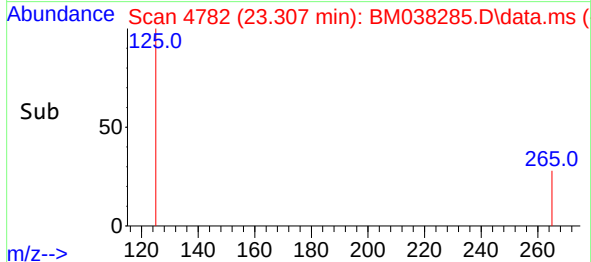
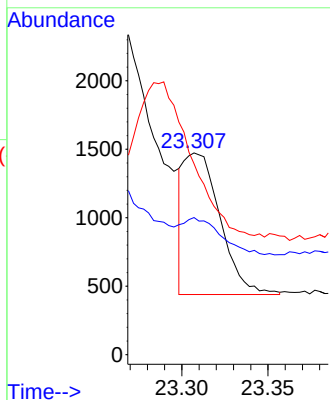
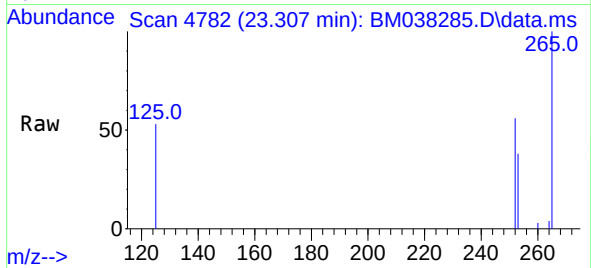
#25
Benzo(k)fluoranthene
Concen: 0.041 ng/ul m
RT: 23.307 min Scan# 4784
Delta R.T. -0.006 min
Lab File: BM038285.D
Acq: 24 Dec 2022 23:55

Instrument :
BNA_M
ClientSampleId :
DBYD3

Tgt Ion:252 Resp: 1529
Ion Ratio Lower Upper
252 100
253 68.0 22.5 33.7
125 94.6 14.4 21.6

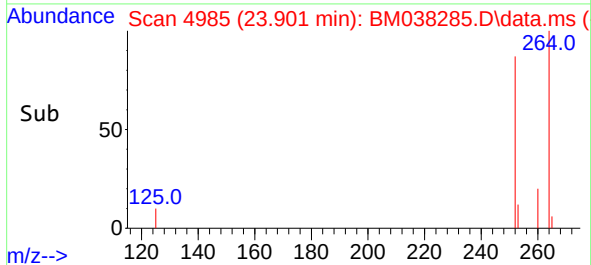
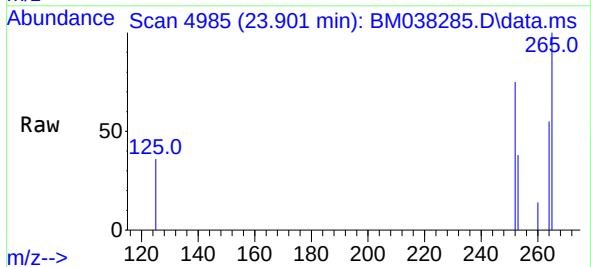
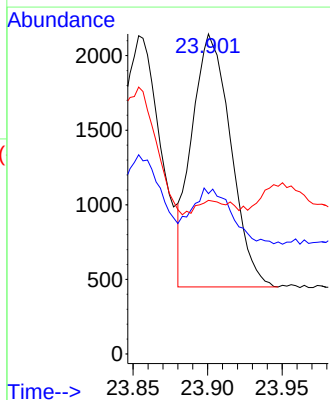
Manual Integrations
APPROVED

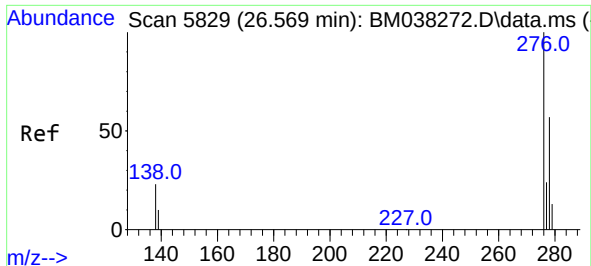
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#26
Benzo(a)pyrene
Concen: 0.090 ng/ul
RT: 23.901 min Scan# 4985
Delta R.T. -0.006 min
Lab File: BM038285.D
Acq: 24 Dec 2022 23:55

Tgt Ion:252 Resp: 3076
Ion Ratio Lower Upper
252 100
253 50.1 24.2 36.4#
125 48.0 17.3 25.9#





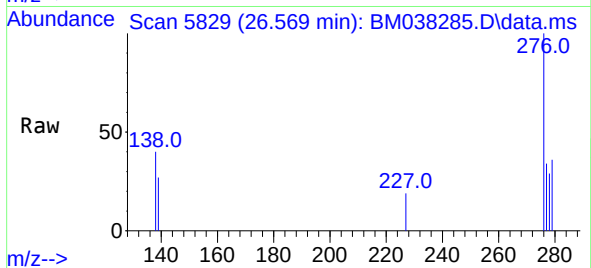
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.057 ng/ul
RT: 26.569 min Scan# 5829
Delta R.T. 0.000 min
Lab File: BM038285.D
Acq: 24 Dec 2022 23:55

Instrument :

BNA_M

ClientSampleId :

DBYD3

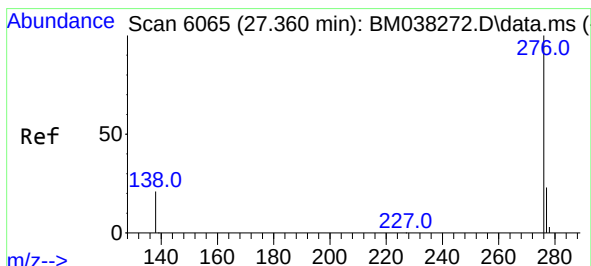
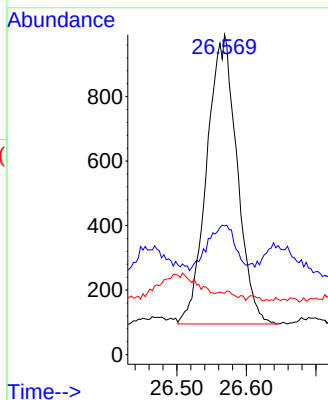
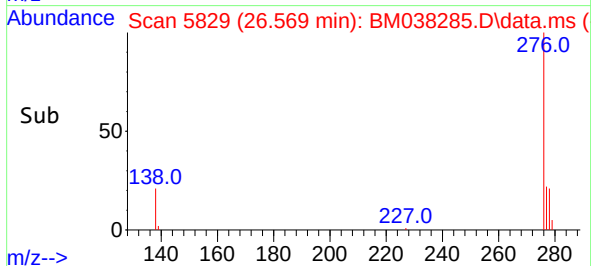


Tgt Ion:276 Resp: 2704
Ion Ratio Lower Upper
276 100
138 23.0 21.7 32.5
227 0.0 0.0 0.0

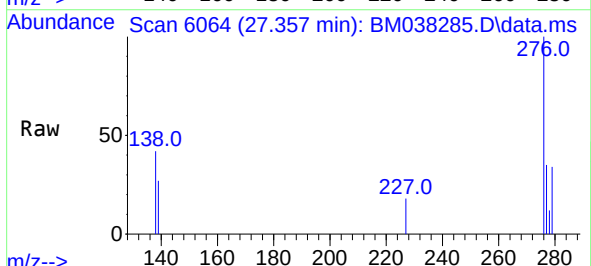
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.071 ng/ul
RT: 27.357 min Scan# 6064
Delta R.T. -0.003 min
Lab File: BM038285.D
Acq: 24 Dec 2022 23:55



Tgt Ion:276 Resp: 2829
Ion Ratio Lower Upper
276 100
138 42.0 20.8 31.2#
277 34.9 20.5 30.7#

