

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN12222\
 Data File : BN023351.D
 Acq On : 22 Dec 2022 22:26
 Operator : CG/JU
 Sample : N6003-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXQ5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 22 23:55:29 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	6393	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	21097	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	12795	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	30165	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	24790	0.400	ng/ul	0.00
23) Perylene-d12	24.023	264	20475	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	41946	6.039	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	12471	0.382	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	32613	0.364	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.865	128	1768	0.029	ng/ul#	86
7) 2-Methylnaphthalene	12.476	142	971	0.024	ng/ul	97
10) Acenaphthylene	14.368	152	1935	0.034	ng/ul#	82
14) Pentachlorophenol	17.040	266	186	0.022	ng/ul	94
15) Phenanthrene	17.432	178	17098	0.174	ng/ul	98
16) Anthracene	17.525	178	3344	0.041	ng/ul#	89
19) Fluoranthene	19.448	202	60100	0.500	ng/ul	97
20) Pyrene	19.815	202	44269m	0.365	ng/ul	
21) Benzo(a)anthracene	21.559	228	26503	0.275	ng/ul	97
22) Chrysene	21.615	228	32859	0.335	ng/ul	96
24) Benzo(b)fluoranthene	23.275	252	43352m	0.409	ng/ul	
25) Benzo(k)fluoranthene	23.319	252	16242m	0.163	ng/ul	
26) Benzo(a)pyrene	23.918	252	23307	0.278	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.579	276	17919	0.183	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.589	278	4987	0.066	ng/ul#	56
29) Benzo(g,h,i)perylene	27.373	276	12592	0.158	ng/ul#	91

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

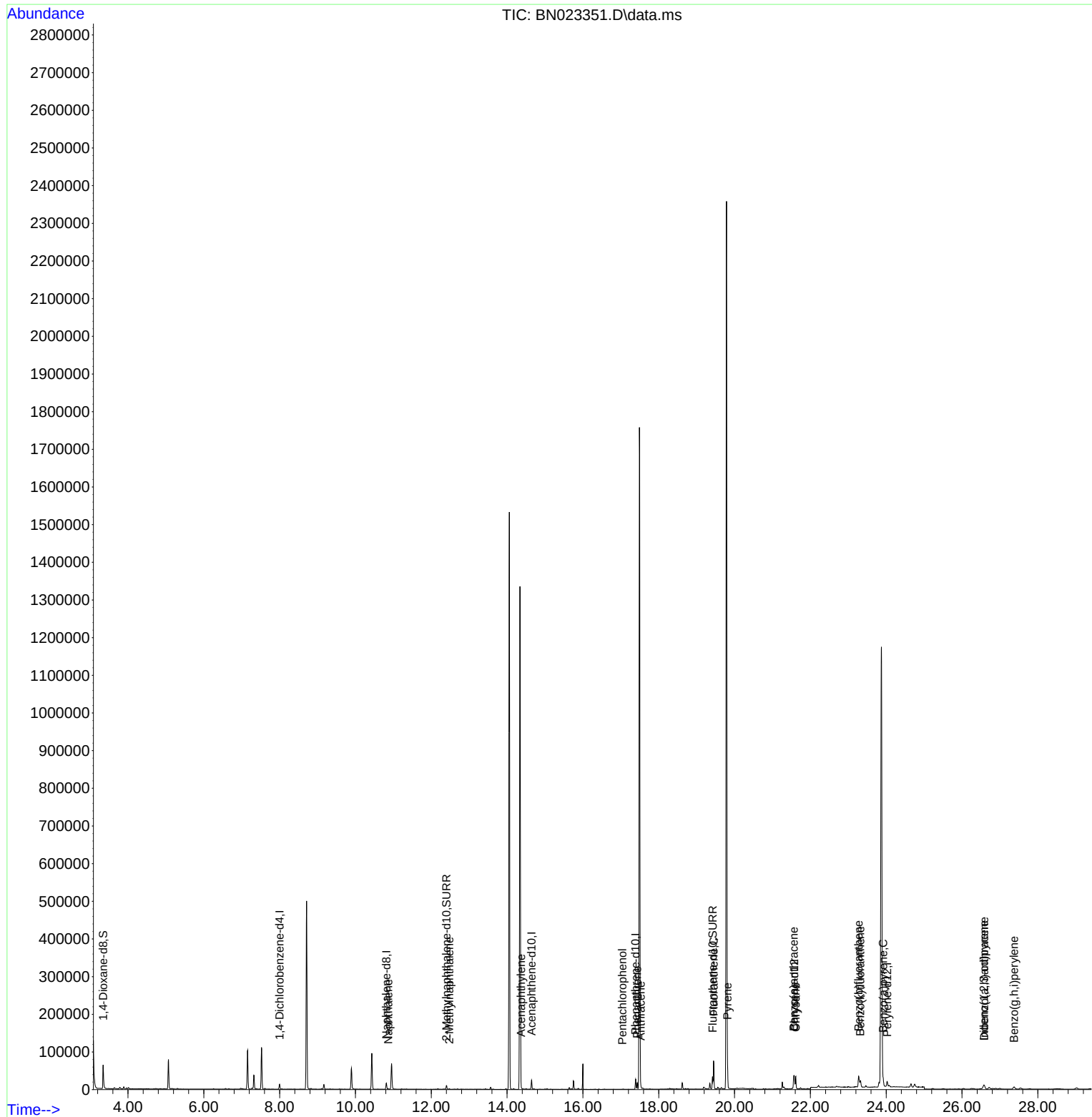
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
Data File : BN023351.D
Acq On : 22 Dec 2022 22:26
Operator : CG/JU
Sample : N6003-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

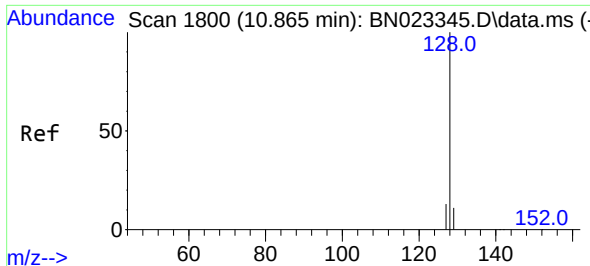
Instrument :
BNA_N
ClientSampleId :
DBXQ5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

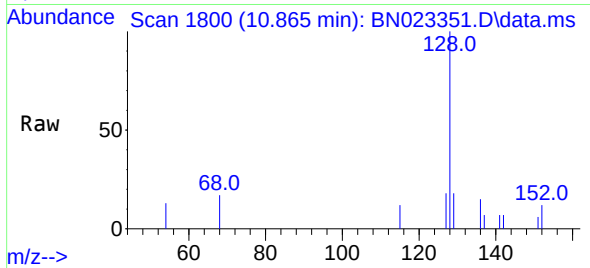
Quant Time: Dec 22 23:55:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.865 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BN023351.D
Acq: 22 Dec 2022 22:26

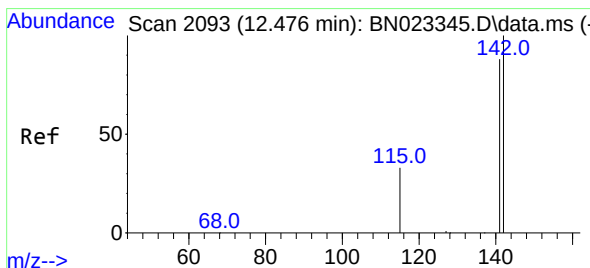
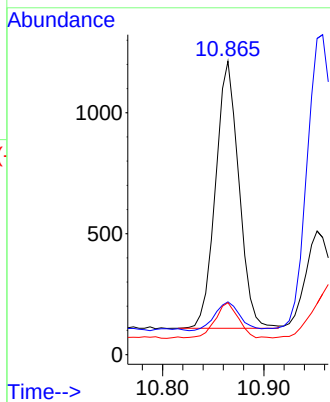
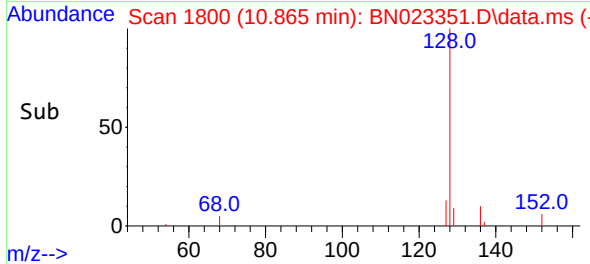
Instrument :
BNA_N
ClientSampleId :
DBXQ5



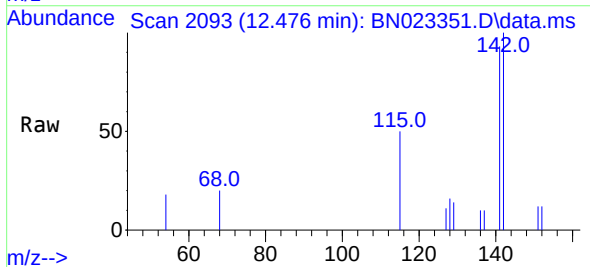
Tgt Ion:128 Resp: 1768
Ion Ratio Lower Upper
128 100
129 18.0 9.0 13.4
127 17.7 10.7 16.1

Manual Integrations
APPROVED

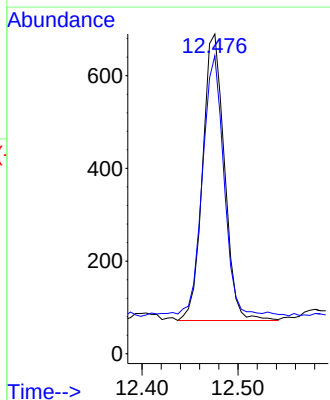
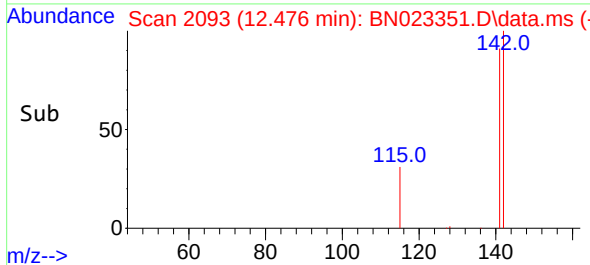
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

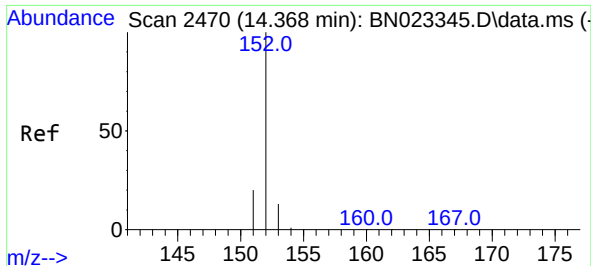


#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.476 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BN023351.D
Acq: 22 Dec 2022 22:26



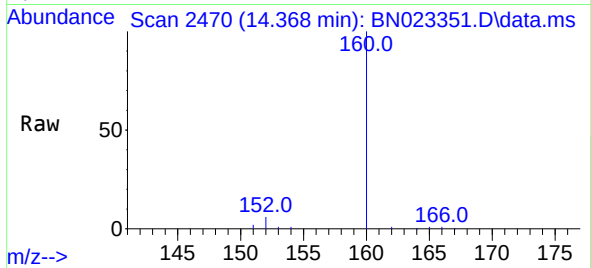
Tgt Ion:142 Resp: 971
Ion Ratio Lower Upper
142 100
141 91.8 71.4 107.2





#10
Acenaphthylene
Concen: 0.034 ng/u1
RT: 14.368 min Scan# 2470
Delta R.T. -0.001 min
Lab File: BN023351.D
Acq: 22 Dec 2022 22:26

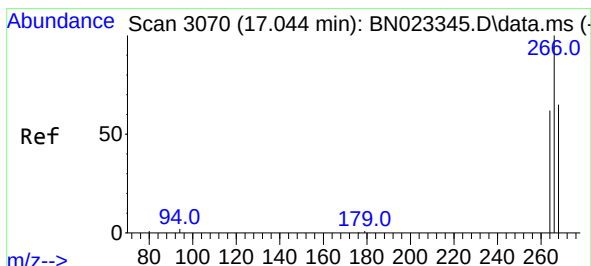
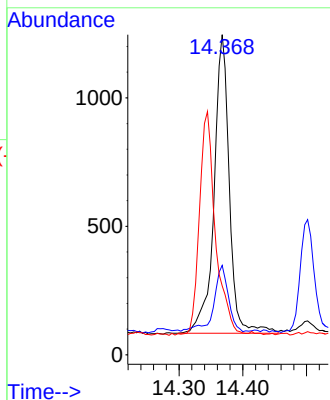
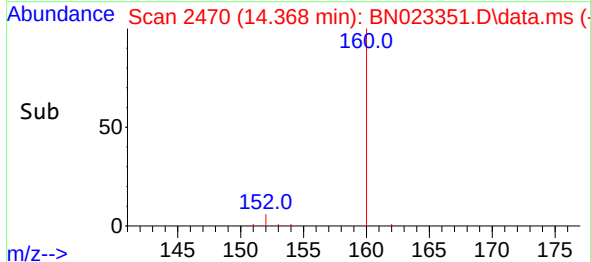
Instrument :
BNA_N
ClientSampleId :
DBXQ5



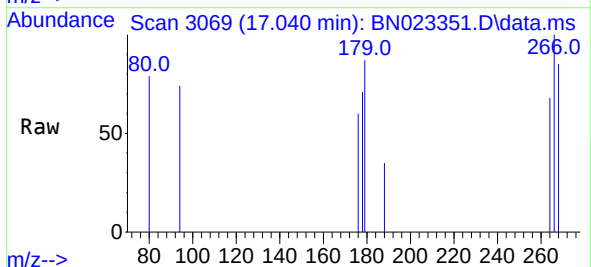
Tgt Ion:152 Resp: 193
Ion Ratio Lower Upper
152 100
151 27.9 16.1 24.1
153 21.5 10.9 16.3

Manual Integrations
APPROVED

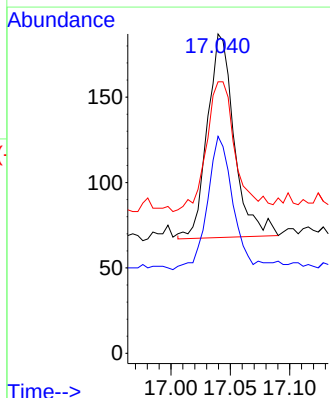
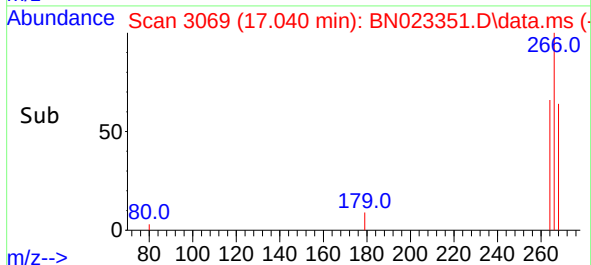
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

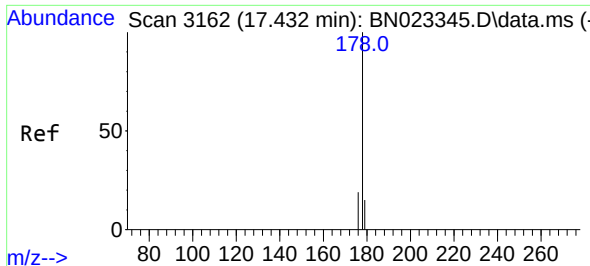


#14
Pentachlorophenol
Concen: 0.022 ng/u1
RT: 17.040 min Scan# 3069
Delta R.T. -0.001 min
Lab File: BN023351.D
Acq: 22 Dec 2022 22:26



Tgt Ion:266 Resp: 186
Ion Ratio Lower Upper
266 100
264 65.1 49.8 74.6
268 69.9 51.4 77.0





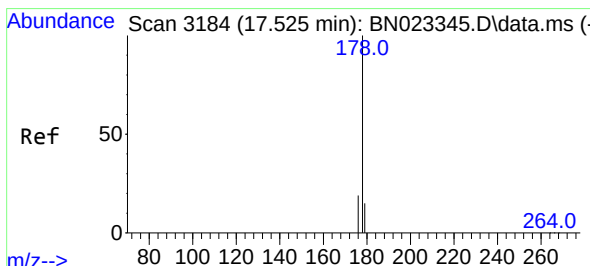
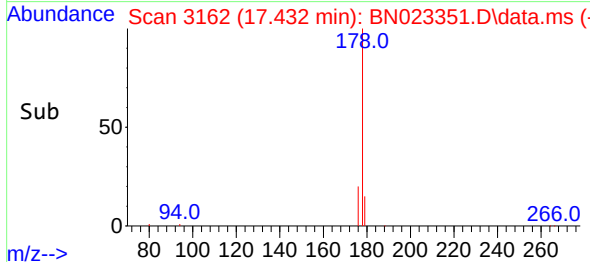
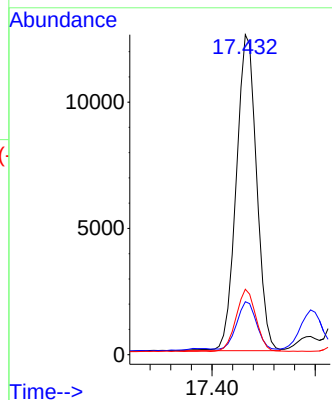
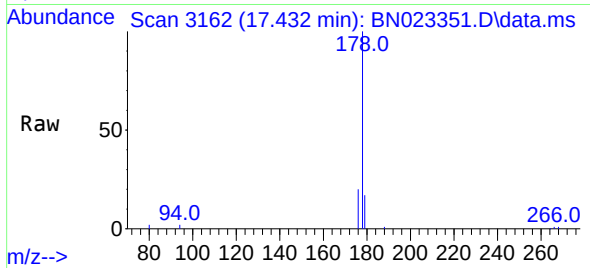
#15
Phenanthrene
Concen: 0.174 ng/u1
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023351.D
Acq: 22 Dec 2022 22:26

Instrument :
BNA_N
ClientSampleId :
DBXQ5

Tgt Ion:178 Resp: 17098
Ion Ratio Lower Upper
178 100
179 16.6 12.5 18.7
176 20.5 15.7 23.5

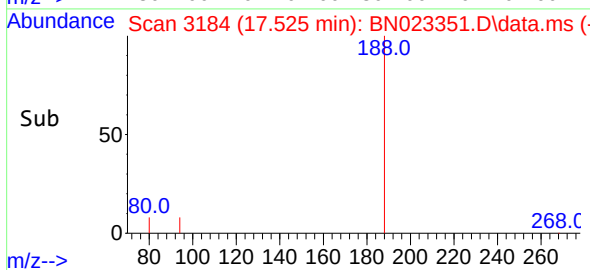
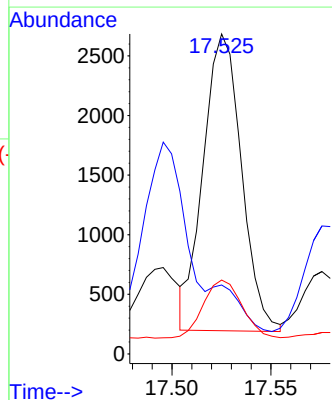
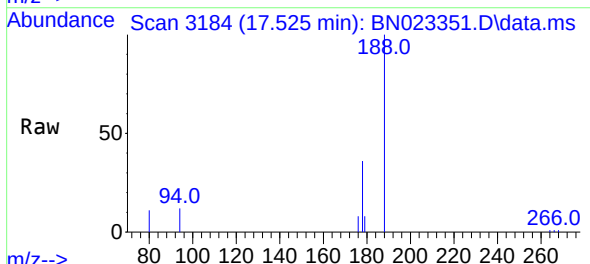
Manual Integrations
APPROVED

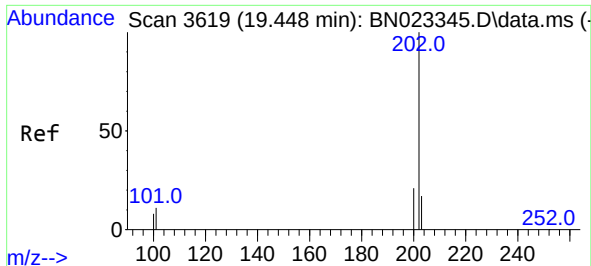
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#16
Anthracene
Concen: 0.041 ng/u1
RT: 17.525 min Scan# 3184
Delta R.T. -0.001 min
Lab File: BN023351.D
Acq: 22 Dec 2022 22:26

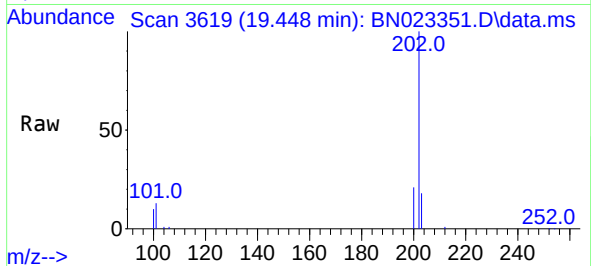
Tgt Ion:178 Resp: 3344
Ion Ratio Lower Upper
178 100
179 21.5 12.6 18.8#
176 23.1 15.4 23.0#





#19
Fluoranthene
Concen: 0.500 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023351.D
Acq: 22 Dec 2022 22:26

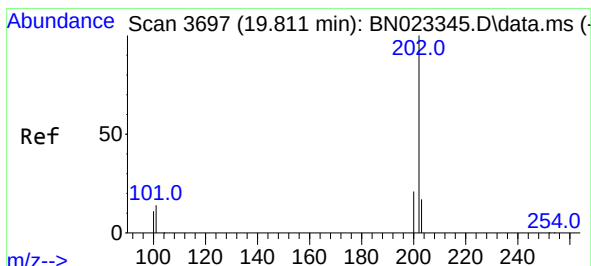
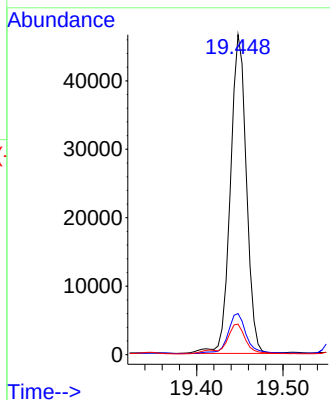
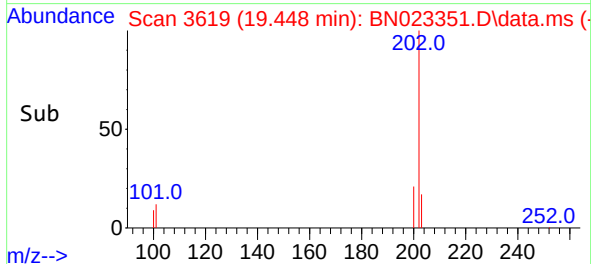
Instrument :
BNA_N
ClientSampleId :
DBXQ5



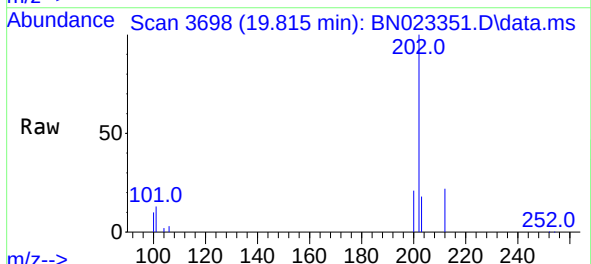
Tgt Ion:202 Resp: 60100
Ion Ratio Lower Upper
202 100
101 12.9 9.4 14.2
100 9.6 7.0 10.6

Manual Integrations
APPROVED

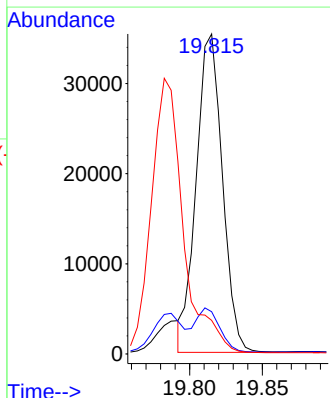
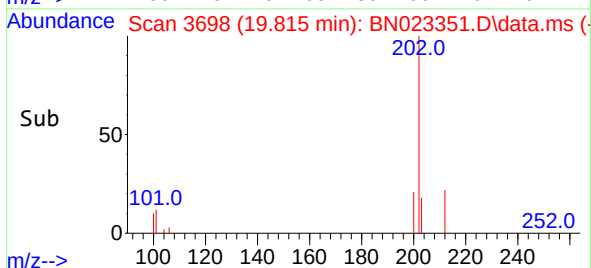
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

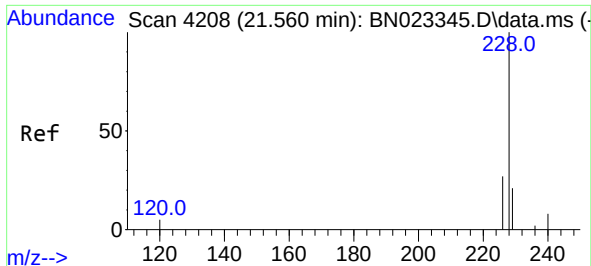


#20
Pyrene
Concen: 0.365 ng/ul m
RT: 19.815 min Scan# 3698
Delta R.T. 0.004 min
Lab File: BN023351.D
Acq: 22 Dec 2022 22:26



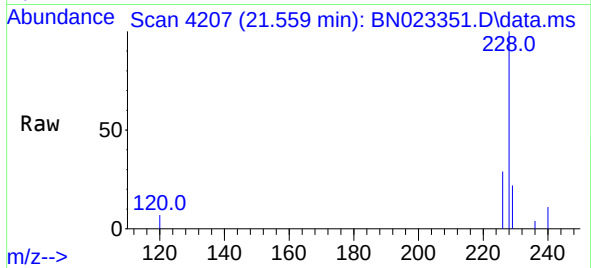
Tgt Ion:202 Resp: 44269
Ion Ratio Lower Upper
202 100
101 13.2 11.3 16.9
100 10.5 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.275 ng/u1
RT: 21.559 min Scan# 4207
Delta R.T. -0.002 min
Lab File: BN023351.D
Acq: 22 Dec 2022 22:26

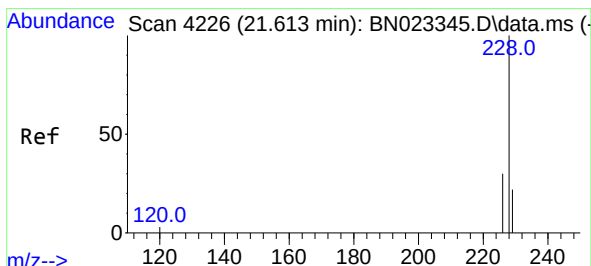
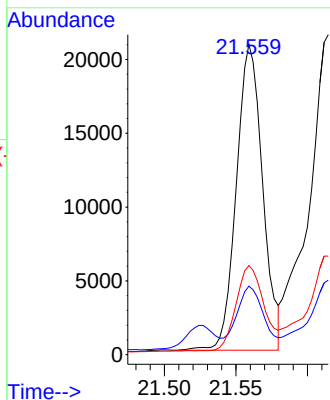
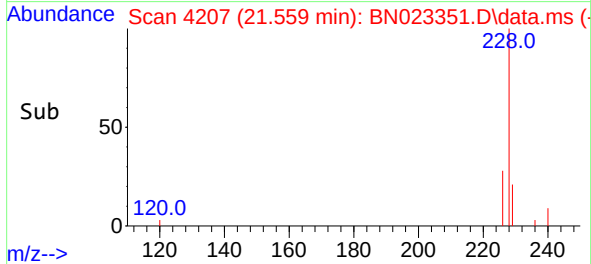
Instrument :
BNA_N
ClientSampleId :
DBXQ5



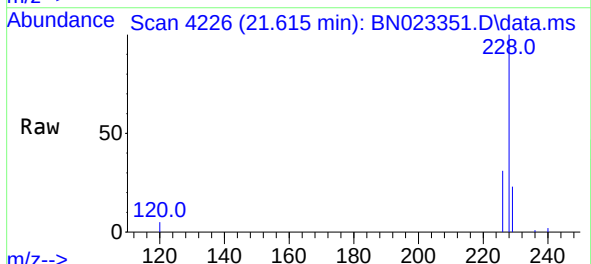
Tgt Ion:228 Resp: 26500
Ion Ratio Lower Upper
228 100
229 22.0 15.6 23.4
226 28.7 22.2 33.2

Manual Integrations
APPROVED

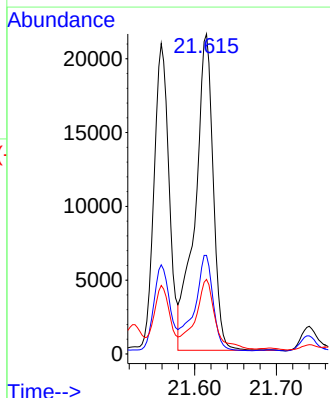
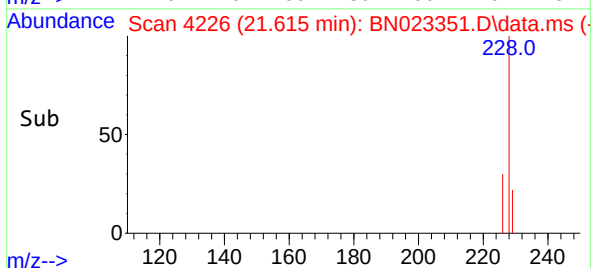
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

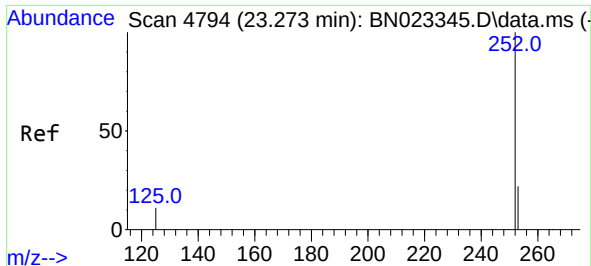


#22
Chrysene
Concen: 0.335 ng/u1
RT: 21.615 min Scan# 4226
Delta R.T. -0.002 min
Lab File: BN023351.D
Acq: 22 Dec 2022 22:26



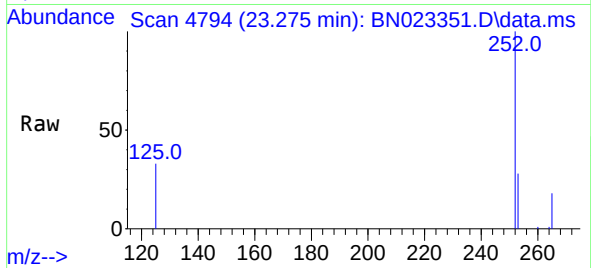
Tgt Ion:228 Resp: 32859
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 23.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.409 ng/ul m
RT: 23.275 min Scan# 41
Delta R.T. 0.001 min
Lab File: BN023351.D
Acq: 22 Dec 2022 22:26

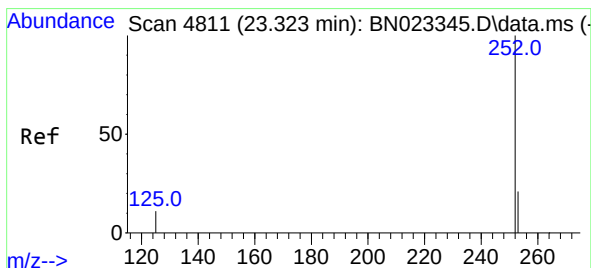
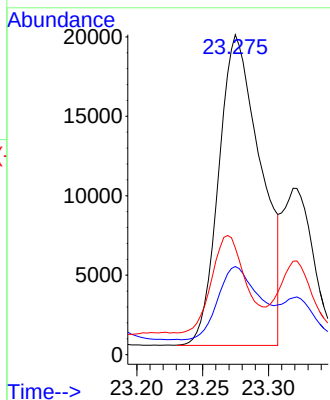
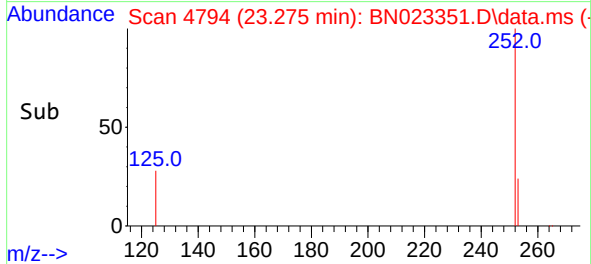
Instrument :
BNA_N
ClientSampleId :
DBXQ5



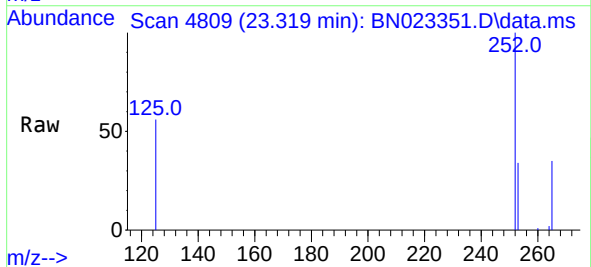
Tgt Ion:252 Resp: 43352
Ion Ratio Lower Upper
252 100
253 27.5 0.0 49.2
125 33.3 0.0 31.8

Manual Integrations
APPROVED

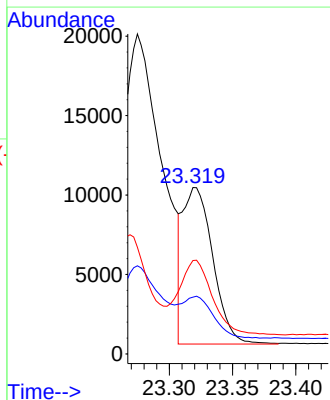
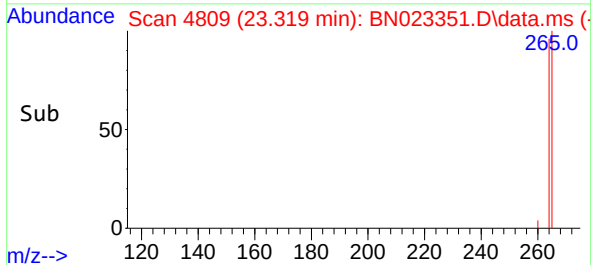
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

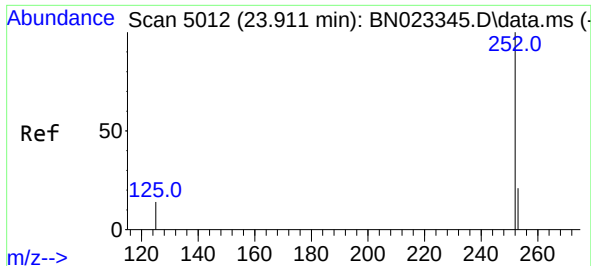


#25
Benzo(k)fluoranthene
Concen: 0.163 ng/ul m
RT: 23.319 min Scan# 4809
Delta R.T. -0.005 min
Lab File: BN023351.D
Acq: 22 Dec 2022 22:26



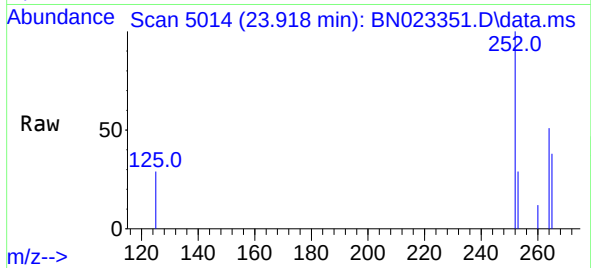
Tgt Ion:252 Resp: 16242
Ion Ratio Lower Upper
252 100
253 34.1 19.8 29.6#
125 56.2 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.278 ng/ul
RT: 23.918 min Scan# 5014
Delta R.T. 0.004 min
Lab File: BN023351.D
Acq: 22 Dec 2022 22:26

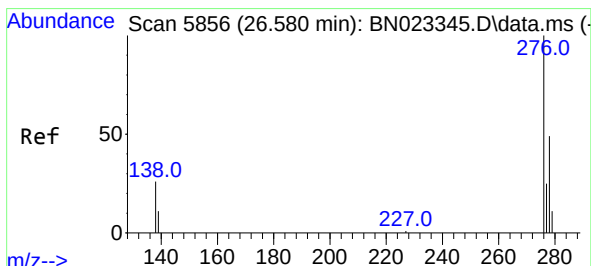
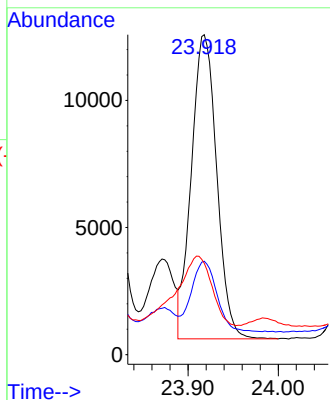
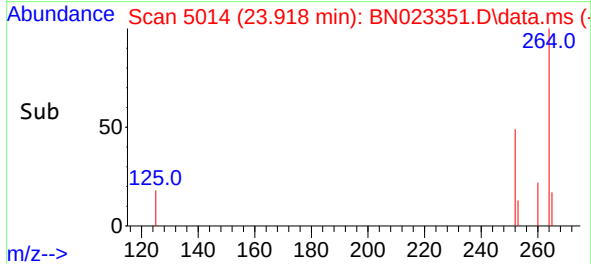
Instrument :
BNA_N
ClientSampleId :
DBXQ5



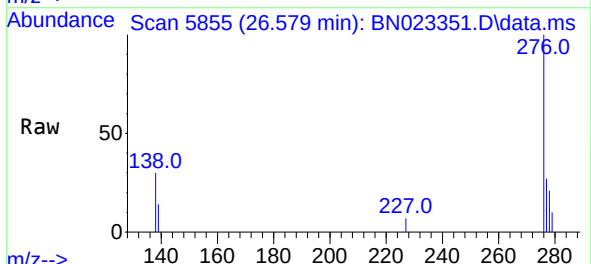
Tgt Ion:252 Resp: 23307
Ion Ratio Lower Upper
252 100
253 29.2 21.4 32.2
125 28.6 16.2 24.4

Manual Integrations
APPROVED

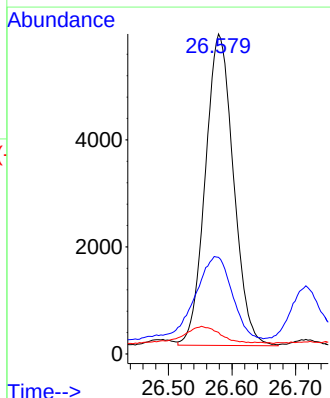
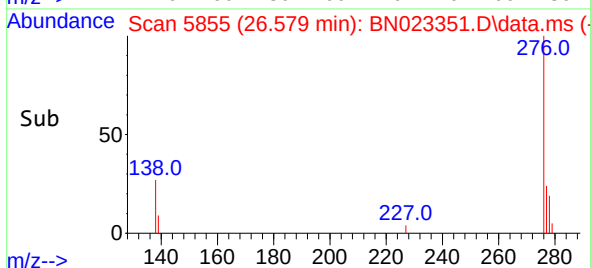
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

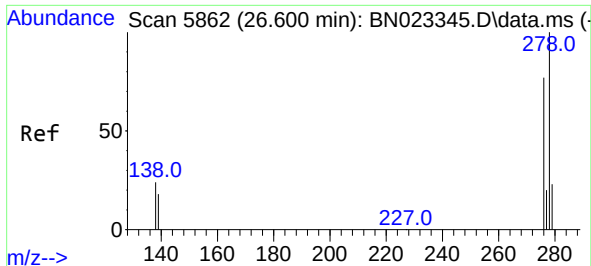


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.183 ng/ul
RT: 26.579 min Scan# 5855
Delta R.T. 0.001 min
Lab File: BN023351.D
Acq: 22 Dec 2022 22:26



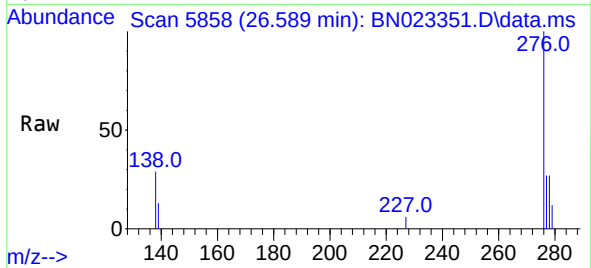
Tgt Ion:276 Resp: 17919
Ion Ratio Lower Upper
276 100
138 33.8 23.4 35.2
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.066 ng/ul
RT: 26.589 min Scan# 5858
Delta R.T. -0.013 min
Lab File: BN023351.D
Acq: 22 Dec 2022 22:26

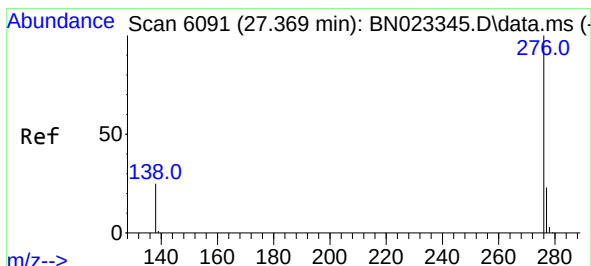
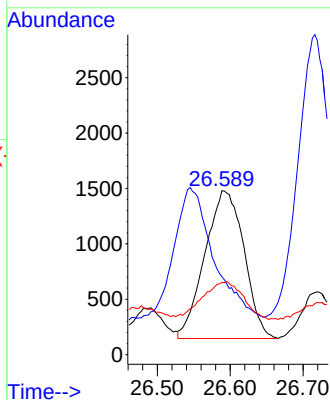
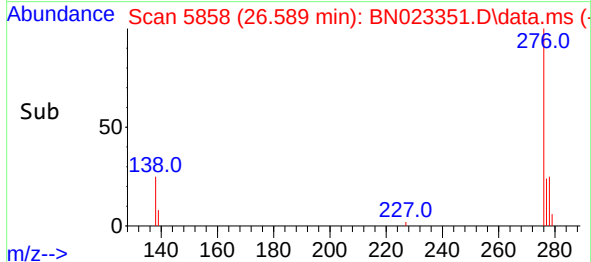
Instrument :
BNA_N
ClientSampleId :
DBXQ5



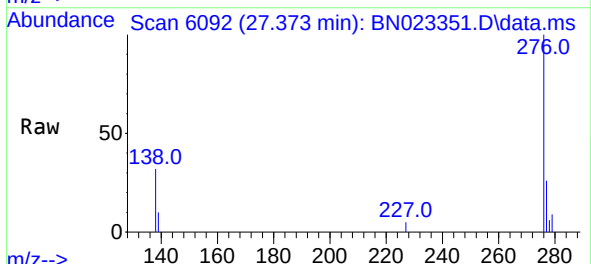
Tgt Ion:278 Resp: 498
Ion Ratio Lower Upper
278 100
139 47.6 16.6 24.8
279 44.0 21.3 31.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#29
Benzo(g,h,i)perylene
Concen: 0.158 ng/ul
RT: 27.373 min Scan# 6092
Delta R.T. 0.004 min
Lab File: BN023351.D
Acq: 22 Dec 2022 22:26



Tgt Ion:276 Resp: 12592
Ion Ratio Lower Upper
276 100
138 32.2 20.3 30.5
277 26.5 19.7 29.5

