

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023341.D
 Acq On : 22 Dec 2022 16:14
 Operator : CG/JU
 Sample : N6003-24
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXV3

Manual Integrations
 APPROVED

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

Quant Time: Dec 22 23:53:57 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	5956	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	19668	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	11964	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	28492	0.400	ng/ul	0.00
17) Chrysene-d12	21.581	240	23474	0.400	ng/ul	0.00
23) Perylene-d12	24.027	264	19796	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	30612	4.730	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.405	152	9800	0.322	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	25809	0.304	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.865	128	45688	0.791	ng/ul	100
7) 2-Methylnaphthalene	12.476	142	7823	0.212	ng/ul	100
8) 1-Methylnaphthalene	12.696	142	5123	0.135	ng/ul	100
10) Acenaphthylene	14.368	152	33771	0.637	ng/ul	100
11) Acenaphthene	14.705	153	7286	0.163	ng/ul	99
12) Fluorene	15.695	166	12408	0.247	ng/ul	98
14) Pentachlorophenol	17.040	266	179	0.023	ng/ul	98
15) Phenanthrene	17.432	178	270854	2.920	ng/ul	99
16) Anthracene	17.525	178	42364	0.550	ng/ul	99
19) Fluoranthene	19.448	202	686667	6.030	ng/ul	100
20) Pyrene	19.815	202	511283m	4.454	ng/ul	
21) Benzo(a)anthracene	21.563	228	318167	3.481	ng/ul	98
22) Chrysene	21.616	228	328630	3.536	ng/ul	98
24) Benzo(b)fluoranthene	23.279	252	470387m	4.594	ng/ul	
25) Benzo(k)fluoranthene	23.323	252	160355m	1.668	ng/ul	
26) Benzo(a)pyrene	23.919	252	276950	3.416	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.584	276	193494	2.045	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.590	278	47019	0.641	ng/ul	95
29) Benzo(g,h,i)perylene	27.375	276	154819	2.007	ng/ul	99

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

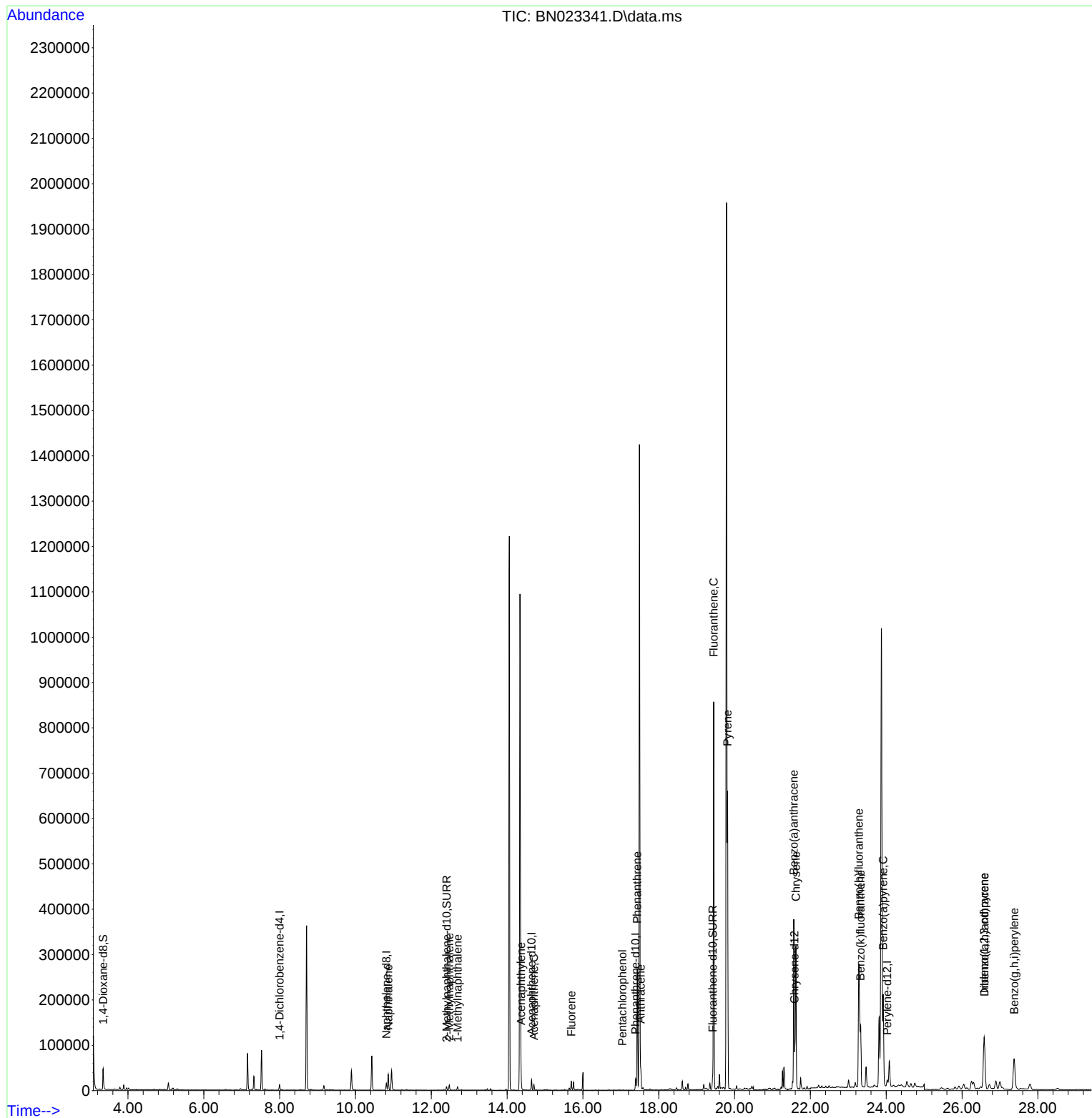
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
Data File : BN023341.D
Acq On : 22 Dec 2022 16:14
Operator : CG/JU
Sample : N6003-24
Misc :
ALS Vial : 11 Sample Multiplier: 1

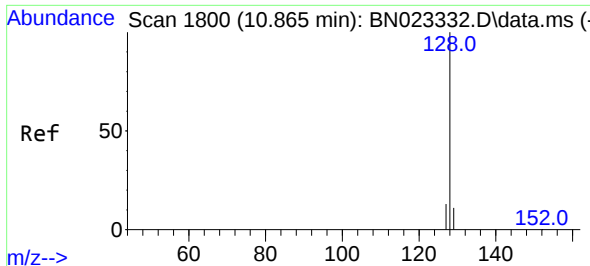
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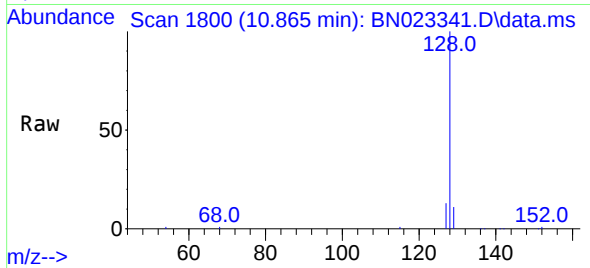
Quant Time: Dec 22 23:53:57 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.791 ng/ul
RT: 10.865 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN023341.D
Acq: 22 Dec 2022 16:14

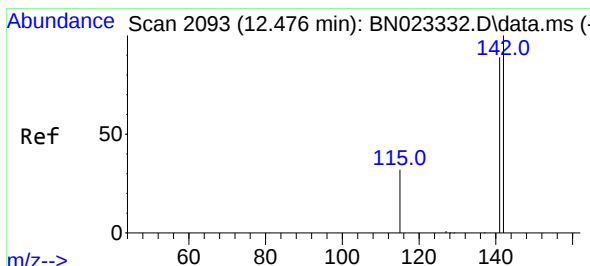
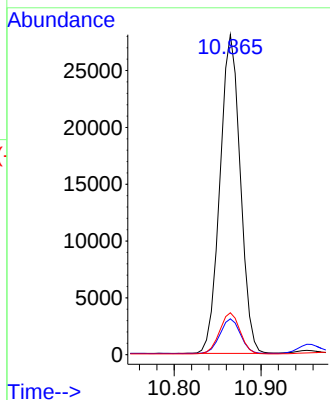
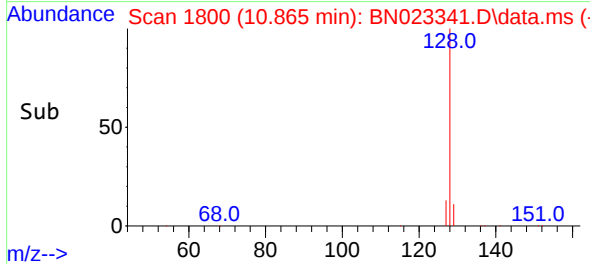
Instrument :
BNA_N
ClientSampleId :
DBXV3



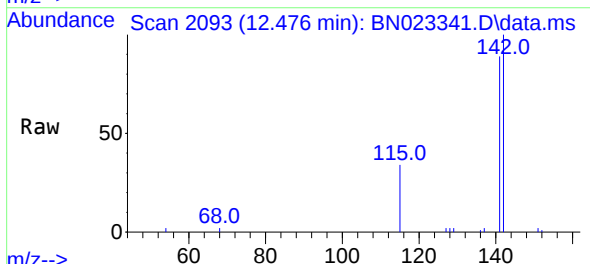
Tgt Ion:128 Resp: 4568
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.1 10.7 16.1

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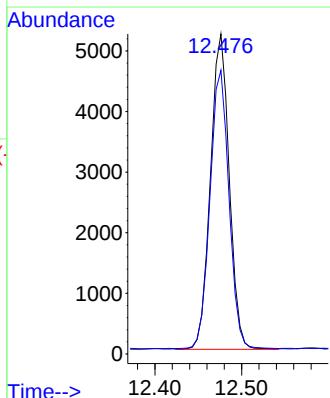
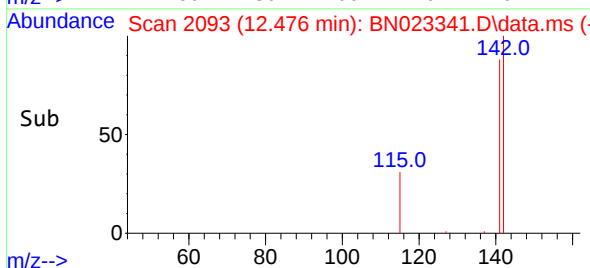
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

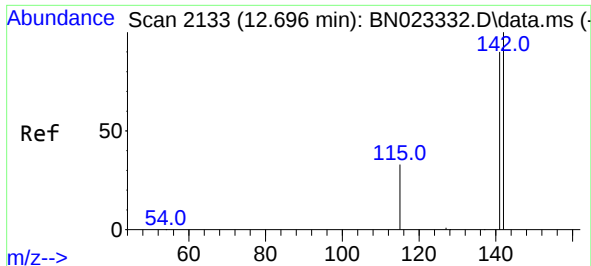


#7
2-Methylnaphthalene
Concen: 0.212 ng/ul
RT: 12.476 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN023341.D
Acq: 22 Dec 2022 16:14



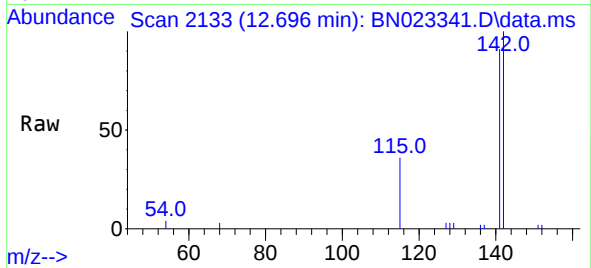
Tgt Ion:142 Resp: 7823
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.135 ng/ul
RT: 12.696 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN023341.D
Acq: 22 Dec 2022 16:14

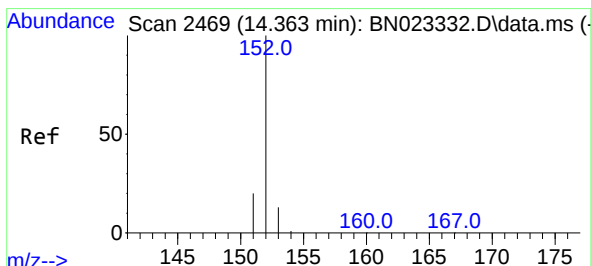
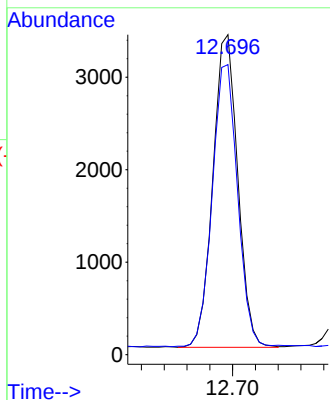
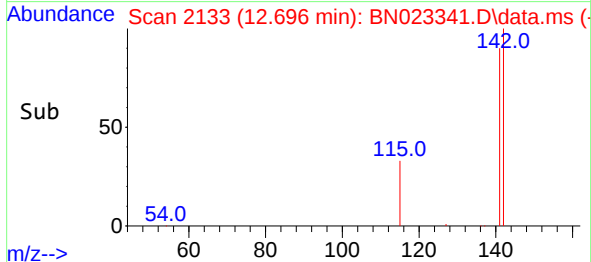
Instrument :
BNA_N
ClientSampleId :
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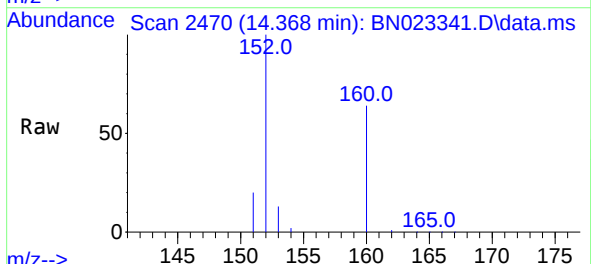
Tgt Ion:142 Resp: 512
Ion Ratio Lower Upper
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141 92.2 74.0 111.0

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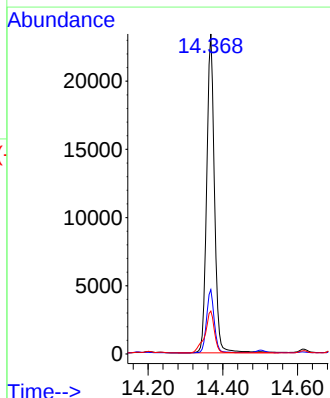
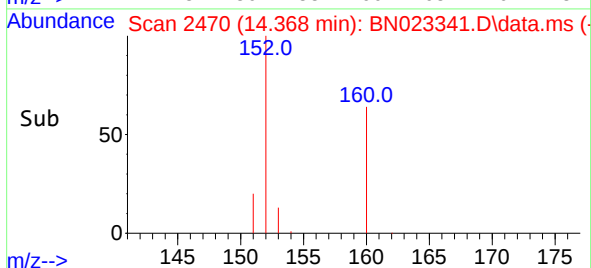
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

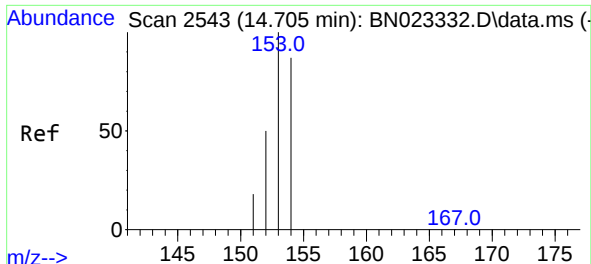


#10
Acenaphthylene
Concen: 0.637 ng/ul
RT: 14.368 min Scan# 2470
Delta R.T. -0.001 min
Lab File: BN023341.D
Acq: 22 Dec 2022 16:14



Tgt Ion:152 Resp: 33771
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.4 10.9 16.3





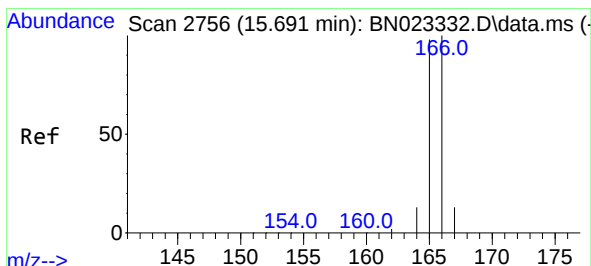
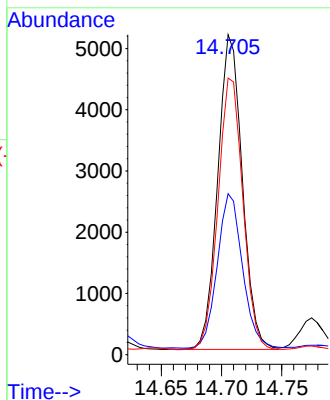
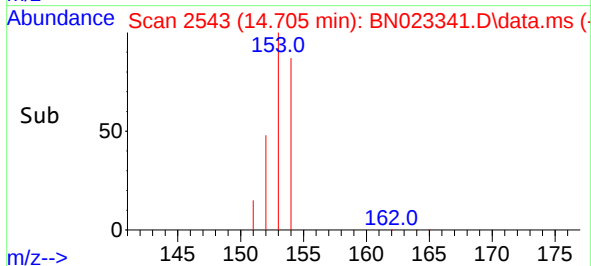
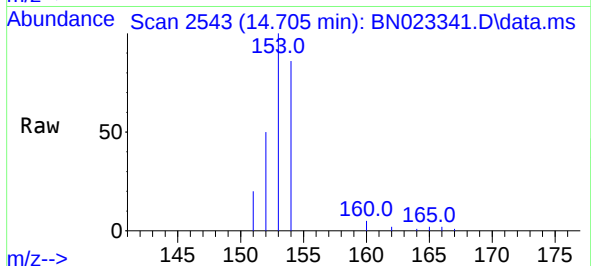
#11
Acenaphthene
Concen: 0.163 ng/u1
RT: 14.705 min Scan# 2543
Delta R.T. -0.001 min
Lab File: BN023341.D
Acq: 22 Dec 2022 16:14

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 7280
Ion Ratio Lower Upper
153 100
152 50.3 41.0 61.4
154 86.5 69.5 104.3

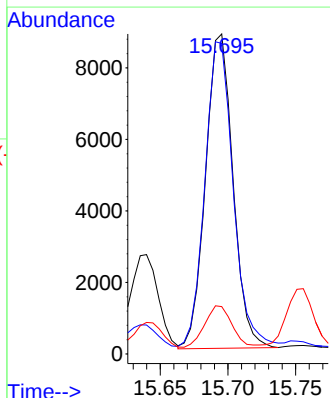
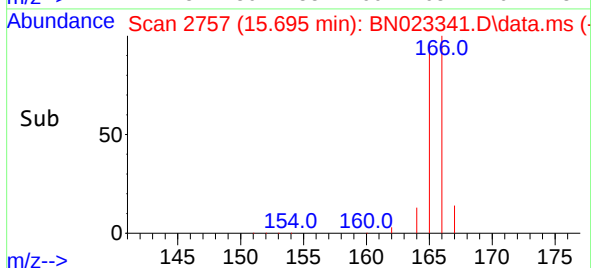
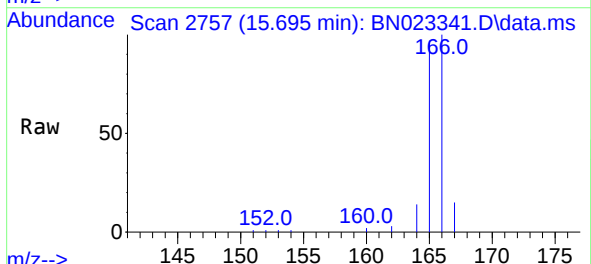
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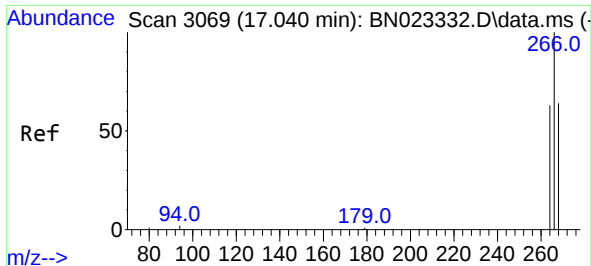
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#12
Fluorene
Concen: 0.247 ng/u1
RT: 15.695 min Scan# 2757
Delta R.T. 0.004 min
Lab File: BN023341.D
Acq: 22 Dec 2022 16:14

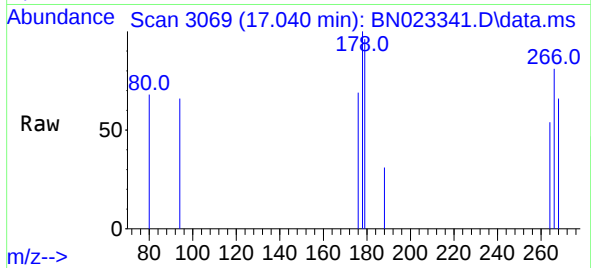
Tgt Ion:166 Resp: 12408
Ion Ratio Lower Upper
166 100
165 97.1 79.1 118.7
167 14.8 11.0 16.4





#14
Pentachlorophenol
Concen: 0.023 ng/u1
RT: 17.040 min Scan# 3069
Delta R.T. -0.001 min
Lab File: BN023341.D
Acq: 22 Dec 2022 16:14

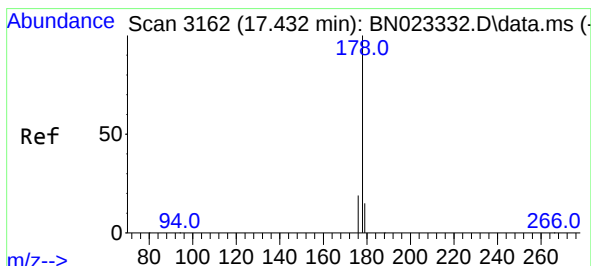
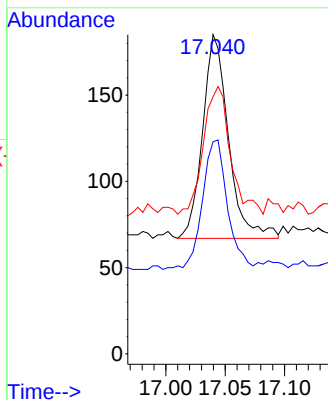
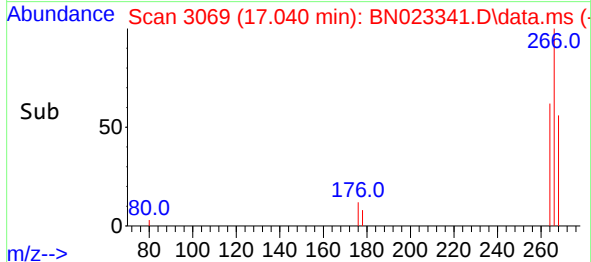
Instrument :
BNA_N
ClientSampleId :
DBXV3



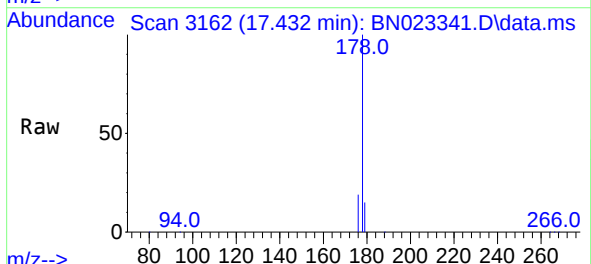
Tgt Ion:266 Resp: 179
Ion Ratio Lower Upper
266 100
264 61.5 49.8 74.6
268 65.9 51.4 77.0

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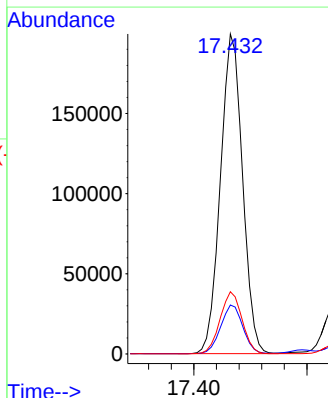
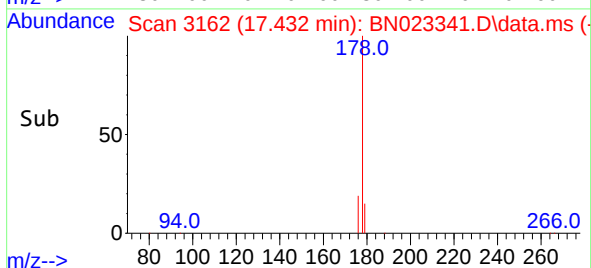
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

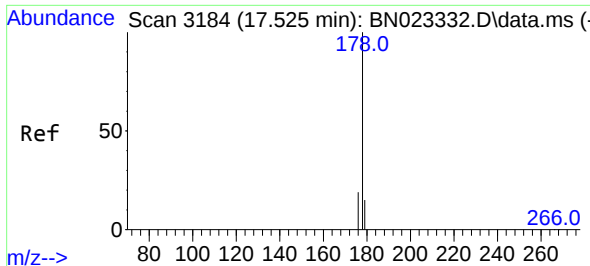


#15
Phenanthrene
Concen: 2.920 ng/u1
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023341.D
Acq: 22 Dec 2022 16:14



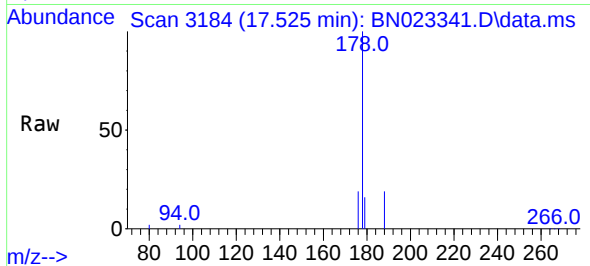
Tgt Ion:178 Resp: 270854
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 19.4 15.7 23.5





#16
 Anthracene
 Concen: 0.550 ng/ul
 RT: 17.525 min Scan# 3184
 Delta R.T. -0.001 min
 Lab File: BN023341.D
 Acq: 22 Dec 2022 16:14

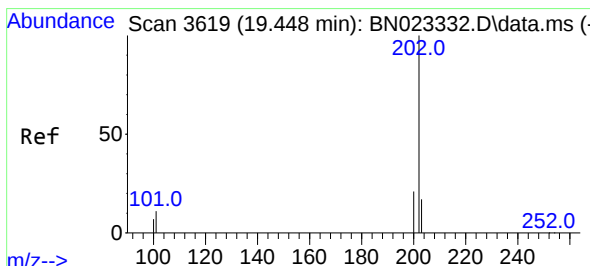
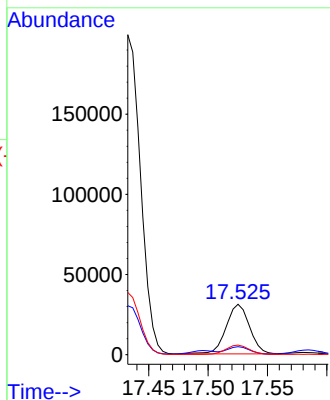
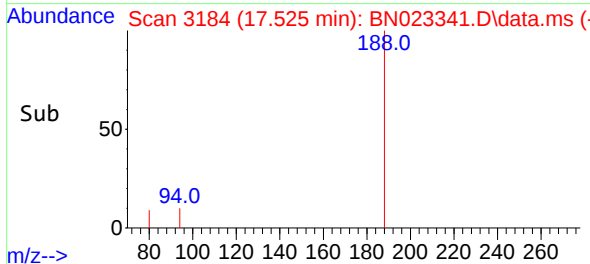
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Tgt Ion:178 Resp: 42364
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.6 18.8
 176 18.9 15.4 23.0

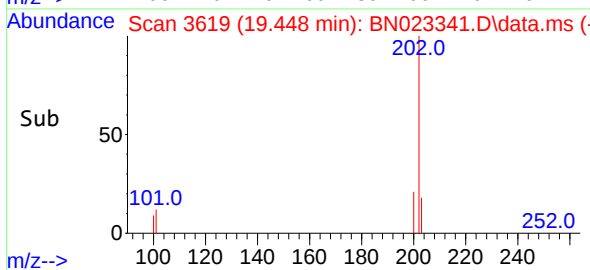
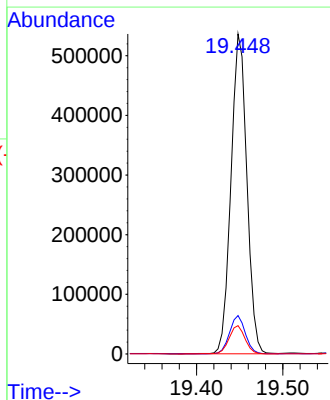
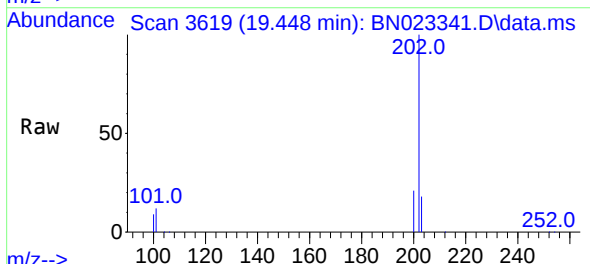
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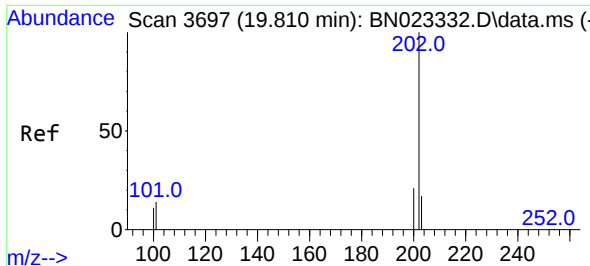
Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022



#19
 Fluoranthene
 Concen: 6.030 ng/ul
 RT: 19.448 min Scan# 3619
 Delta R.T. -0.001 min
 Lab File: BN023341.D
 Acq: 22 Dec 2022 16:14

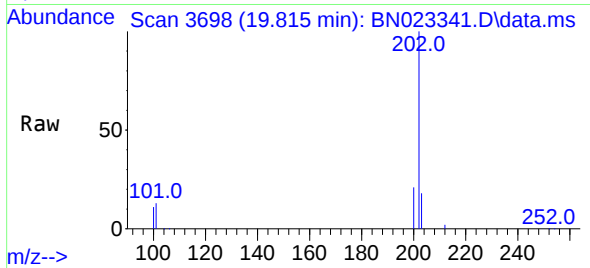
Tgt Ion:202 Resp: 686667
 Ion Ratio Lower Upper
 202 100
 101 12.0 9.4 14.2
 100 8.9 7.0 10.6





#20
Pyrene
Concen: 4.454 ng/ul m
RT: 19.815 min Scan# 3698
Delta R.T. 0.004 min
Lab File: BN023341.D
Acq: 22 Dec 2022 16:14

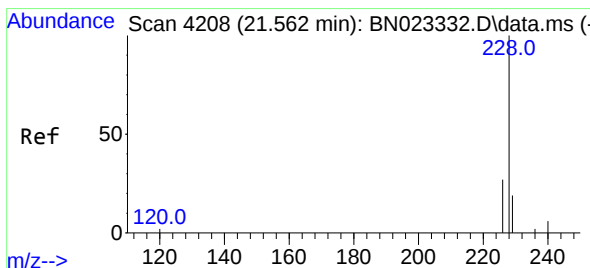
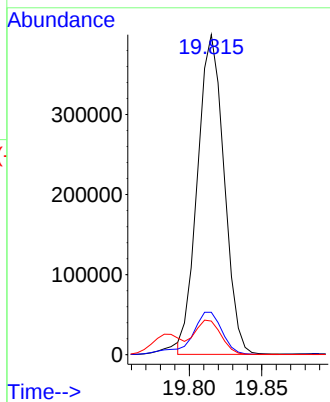
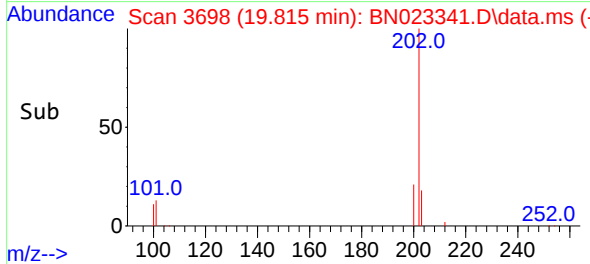
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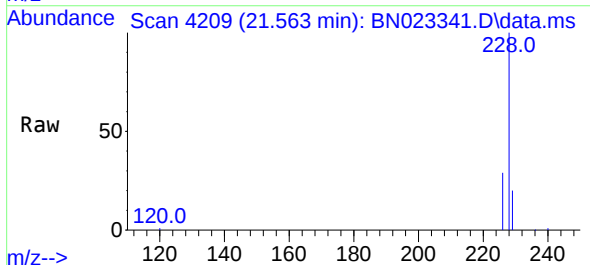
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Ion Ratio Lower Upper
202 100
101 13.2 11.3 16.9
100 10.5 9.0 13.4

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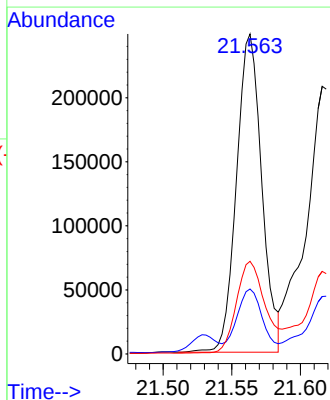
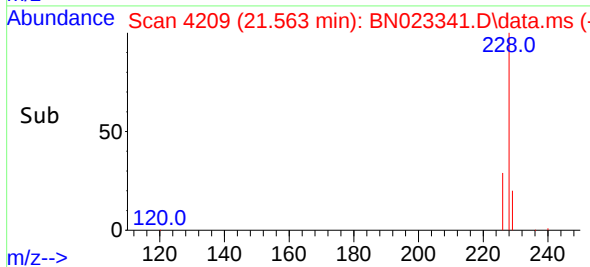
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

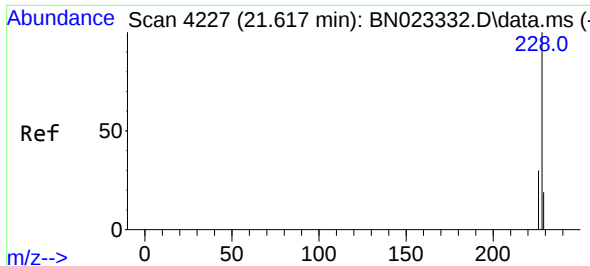


#21
Benzo(a)anthracene
Concen: 3.481 ng/ul
RT: 21.563 min Scan# 4209
Delta R.T. 0.002 min
Lab File: BN023341.D
Acq: 22 Dec 2022 16:14



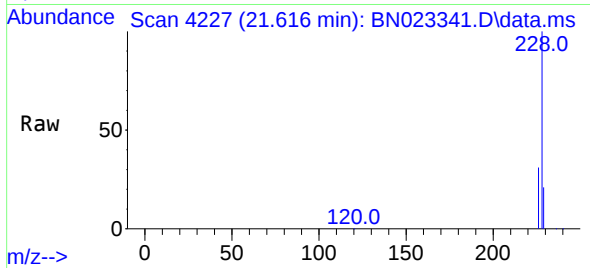
Tgt Ion:228 Resp: 318167
Ion Ratio Lower Upper
228 100
229 20.3 15.6 23.4
226 28.9 22.2 33.2





#22
Chrysene
Concen: 3.536 ng/ul
RT: 21.616 min Scan# 4227
Delta R.T. -0.001 min
Lab File: BN023341.D
Acq: 22 Dec 2022 16:14

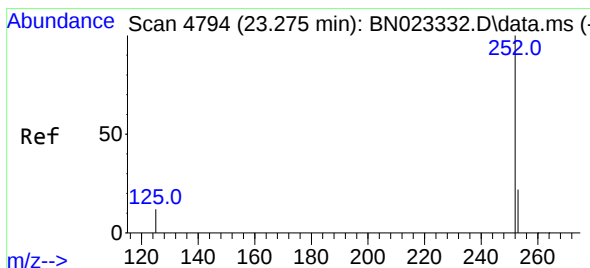
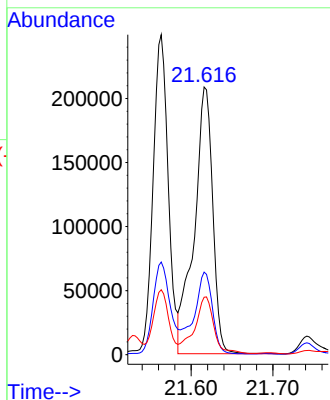
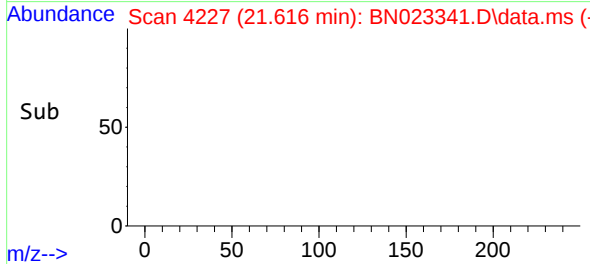
Instrument :
BNA_N
ClientSampleId :
DBXV3



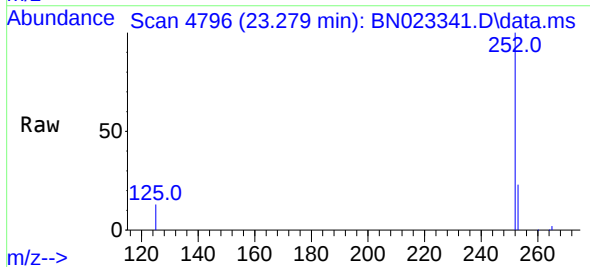
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Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 21.5 15.8 23.6

Manual Integrations
APPROVED

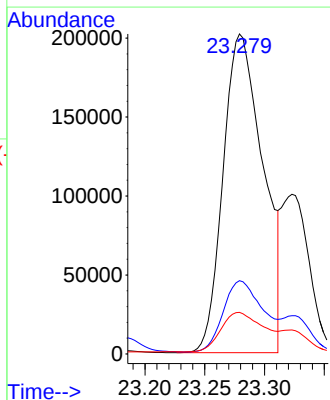
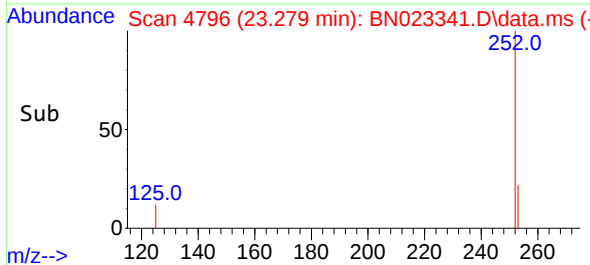
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

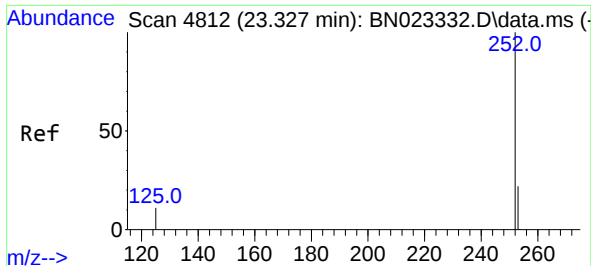


#24
Benzo(b)fluoranthene
Concen: 4.594 ng/ul m
RT: 23.279 min Scan# 4796
Delta R.T. 0.005 min
Lab File: BN023341.D
Acq: 22 Dec 2022 16:14



Tgt Ion:252 Resp: 470387
Ion Ratio Lower Upper
252 100
253 22.9 0.0 49.2
125 13.0 0.0 31.8





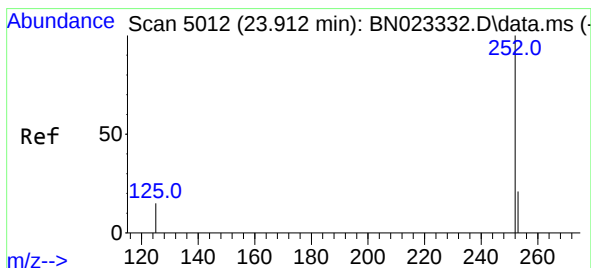
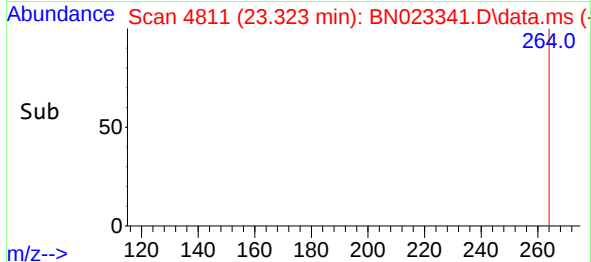
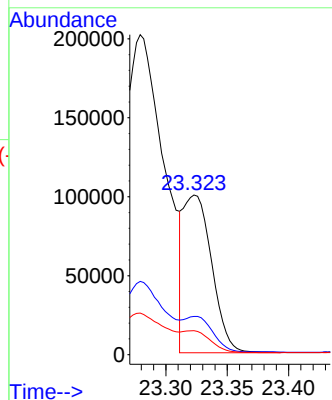
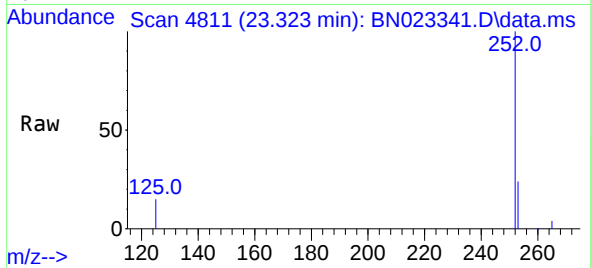
#25
Benzo(k)fluoranthene
Concen: 1.668 ng/ul m
RT: 23.323 min Scan# 4812
Delta R.T. -0.001 min
Lab File: BN023341.D
Acq: 22 Dec 2022 16:14

Instrument :
BNA_N
ClientSampleId :
DBXV3

Tgt Ion:252 Resp: 16035
Ion Ratio Lower Upper
252 100
253 24.0 19.8 29.6
125 15.0 12.6 18.8

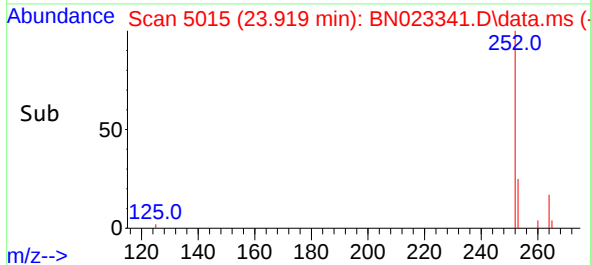
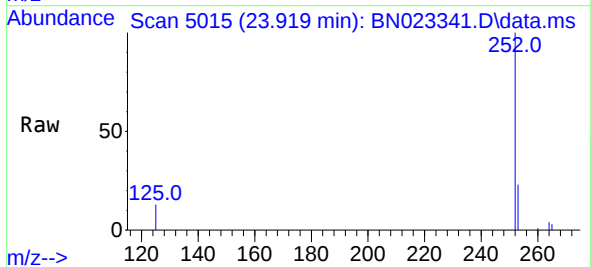
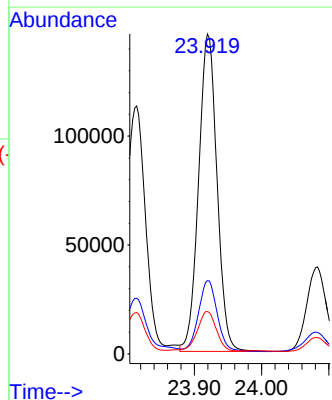
Manual Integrations
APPROVED

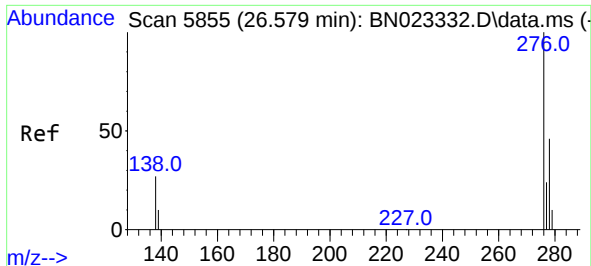
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#26
Benzo(a)pyrene
Concen: 3.416 ng/ul
RT: 23.919 min Scan# 5015
Delta R.T. 0.005 min
Lab File: BN023341.D
Acq: 22 Dec 2022 16:14

Tgt Ion:252 Resp: 276950
Ion Ratio Lower Upper
252 100
253 22.9 21.4 32.2
125 13.3 16.2 24.4#





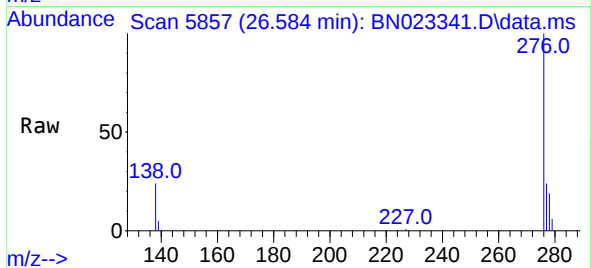
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.045 ng/ul
RT: 26.584 min Scan# 5857
Delta R.T. 0.006 min
Lab File: BN023341.D
Acq: 22 Dec 2022 16:14

Instrument :

BNA_N

ClientSampleId :

DBXV3

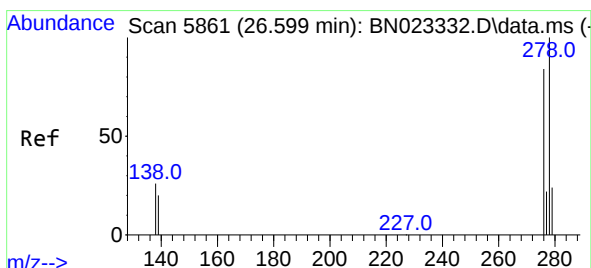
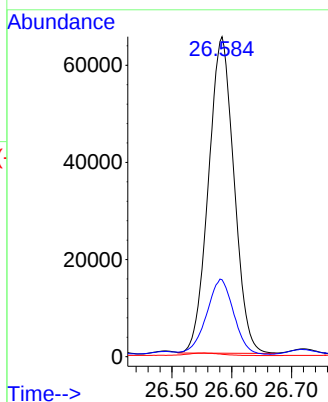
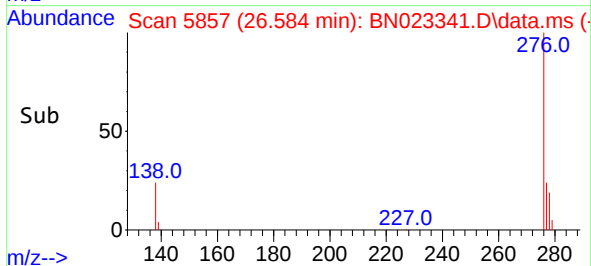


Tgt Ion:276 Resp: 193494
Ion Ratio Lower Upper
276 100
138 25.2 23.4 35.2
227 0.0 0.0 0.0

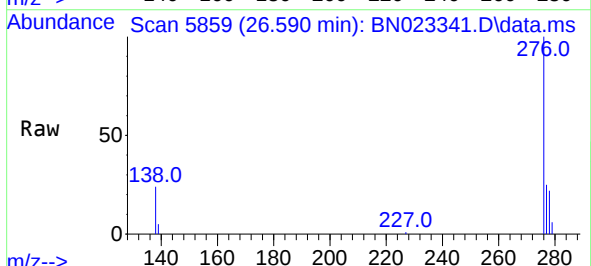
Manual Integrations

APPROVED

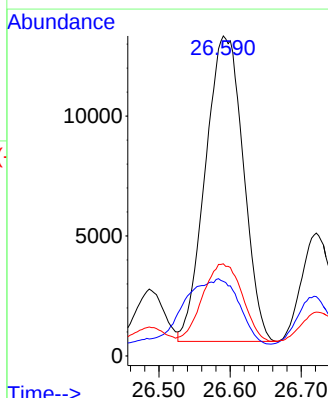
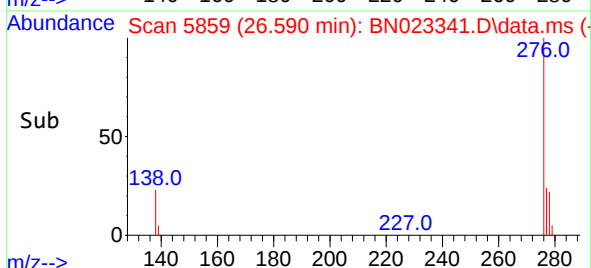
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

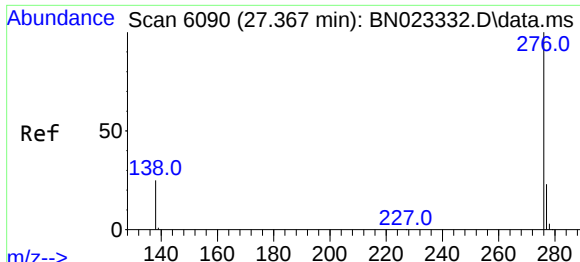


#28
Dibenzo(a,h)anthracene
Concen: 0.641 ng/ul
RT: 26.590 min Scan# 5859
Delta R.T. -0.011 min
Lab File: BN023341.D
Acq: 22 Dec 2022 16:14



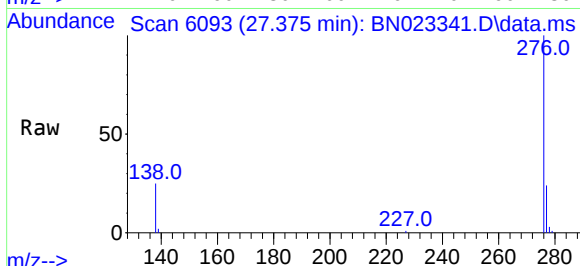
Tgt Ion:278 Resp: 47019
Ion Ratio Lower Upper
278 100
139 23.3 16.6 24.8
279 28.8 21.3 31.9





#29
 Benzo(g,h,i)perylene
 Concen: 2.007 ng/ul
 RT: 27.375 min Scan# 6093
 Delta R.T. 0.006 min
 Lab File: BN023341.D
 Acq: 22 Dec 2022 16:14

Instrument :
 BNA_N
 ClientSampleId :
 DBXV3



Tgt Ion: 276 Resp: 154819

Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.3	30.5
277	23.8	19.7	29.5

Manual Integrations
 APPROVED

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

