

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023355.D
 Acq On : 23 Dec 2022 00:54
 Operator : CG/JU
 Sample : N6003-22DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXV1DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 01:36:04 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	6788	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	23200	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.646	164	13897	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.391	188	32718	0.400	ng/ul	0.00
17) Chrysene-d12	21.579	240	25528	0.400	ng/ul	0.00
23) Perylene-d12	24.028	264	19743	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.345	96	6152	0.834	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.405	152	2160	0.060	ng/ul	0.00
18) Fluoranthene-d10	19.416	212	5642	0.061	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.865	128	1970	0.029	ng/ul#	88
10) Acenaphthylene	14.364	152	3644	0.059	ng/ul	92
15) Phenanthrene	17.433	178	7530	0.071	ng/ul	96
16) Anthracene	17.522	178	5400	0.061	ng/ul#	93
19) Fluoranthene	19.449	202	21430	0.173	ng/ul	98
20) Pyrene	19.811	202	18660m	0.149	ng/ul	
21) Benzo(a)anthracene	21.561	228	19702	0.198	ng/ul	96
22) Chrysene	21.614	228	31728	0.314	ng/ul	97
24) Benzo(b)fluoranthene	23.277	252	37772m	0.370	ng/ul	
25) Benzo(k)fluoranthene	23.324	252	13113m	0.137	ng/ul	
26) Benzo(a)pyrene	23.917	252	20418	0.253	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.578	276	15120	0.160	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.595	278	4086	0.056	ng/ul#	43
29) Benzo(g,h,i)perylene	27.373	276	11258	0.146	ng/ul#	92

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

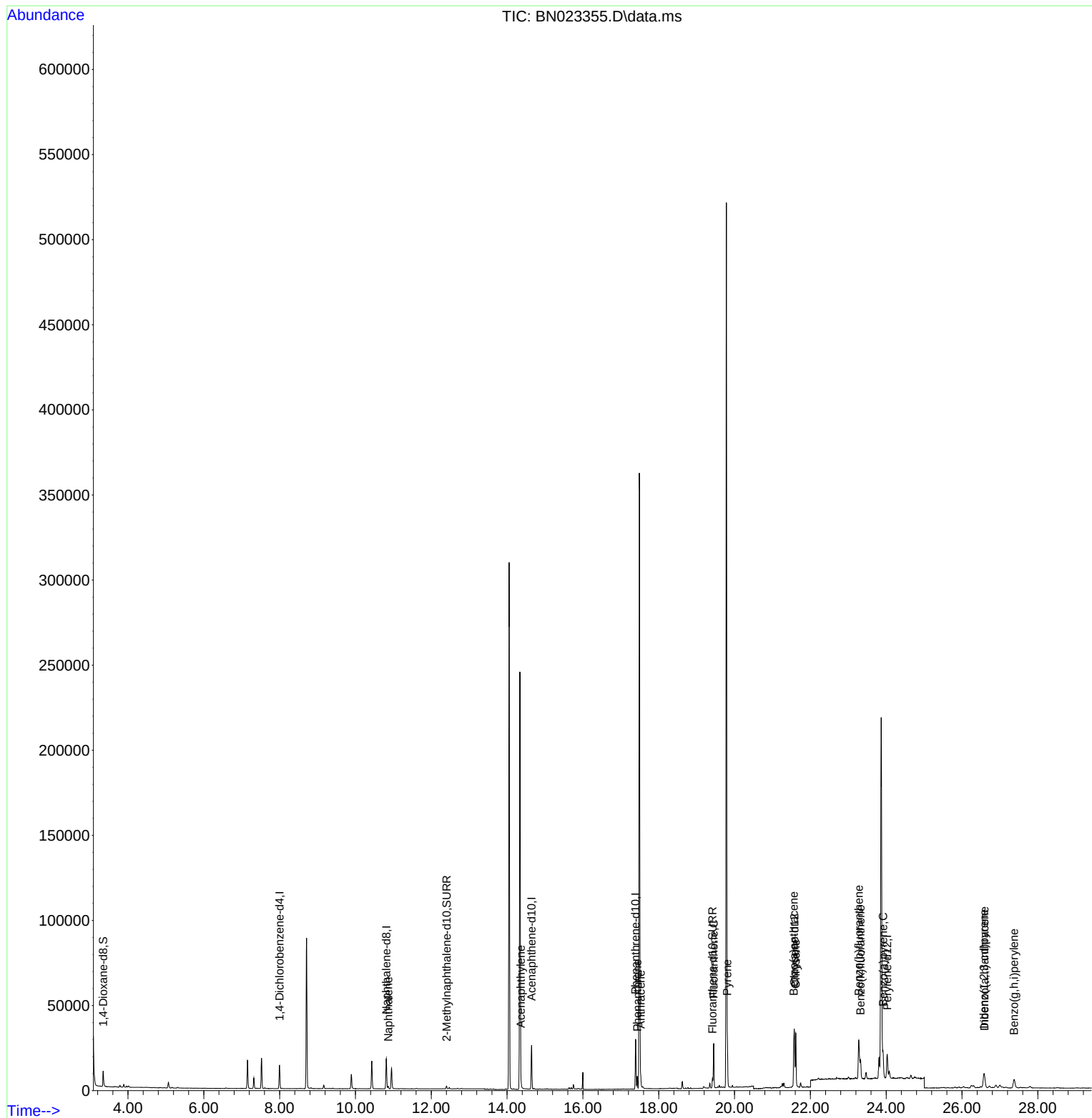
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
Data File : BN023355.D
Acq On : 23 Dec 2022 00:54
Operator : CG/JU
Sample : N6003-22DL 5X
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ALS Vial : 24 Sample Multiplier: 1

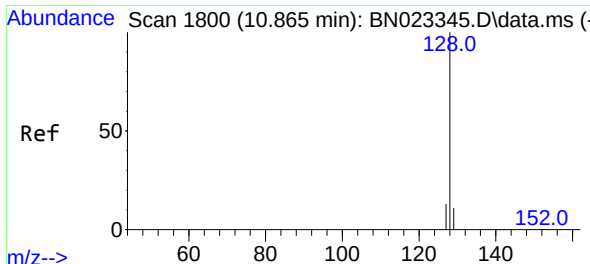
Instrument :
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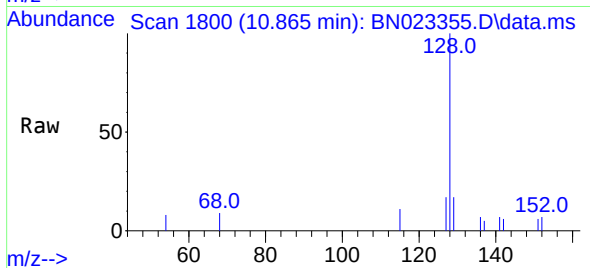
Quant Time: Dec 23 01:36:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.029 ng/u1
RT: 10.865 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN023355.D
Acq: 23 Dec 2022 00:54

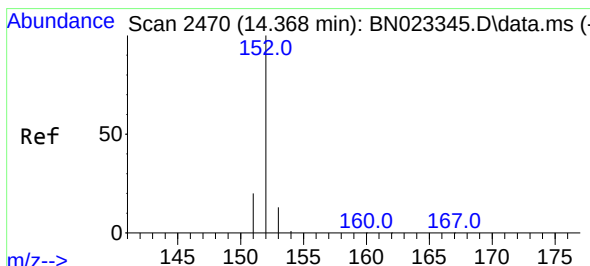
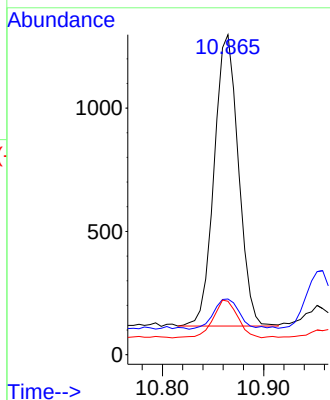
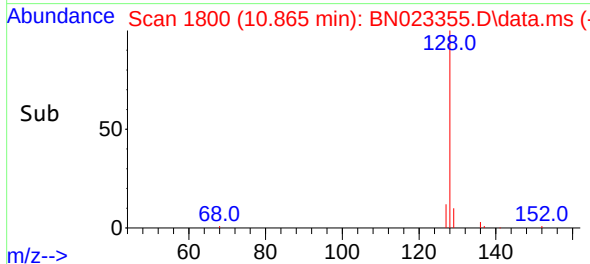
Instrument :
BNA_N
ClientSampleId :
DBXV1DL



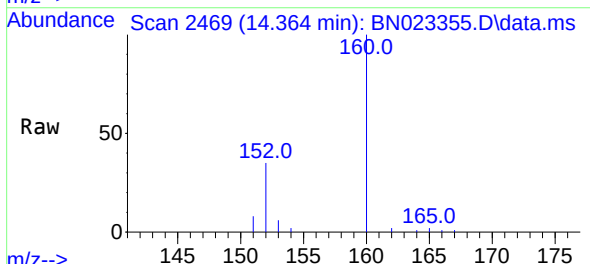
Tgt Ion:128 Resp: 1970
Ion Ratio Lower Upper
128 100
129 17.4 9.0 13.4
127 16.7 10.7 16.1

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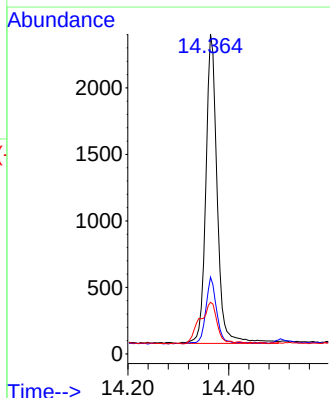
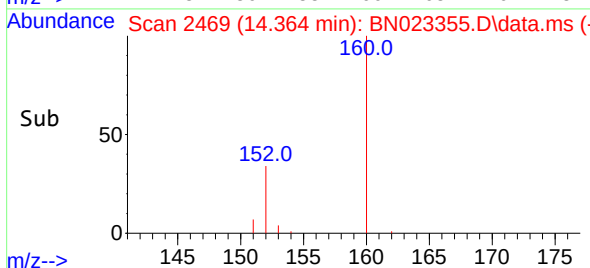
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

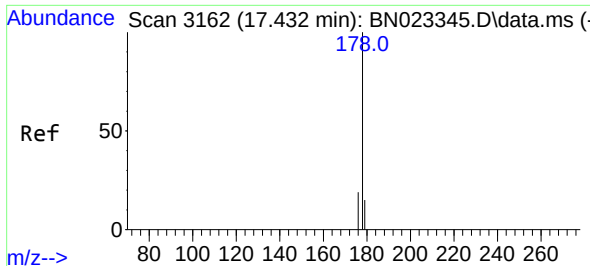


#10
Acenaphthylene
Concen: 0.059 ng/u1
RT: 14.364 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN023355.D
Acq: 23 Dec 2022 00:54



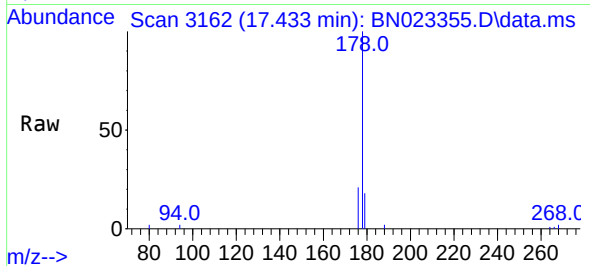
Tgt Ion:152 Resp: 3644
Ion Ratio Lower Upper
152 100
151 24.0 16.1 24.1
153 16.2 10.9 16.3





#15
Phenanthrene
Concen: 0.071 ng/u1
RT: 17.433 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BN023355.D
Acq: 23 Dec 2022 00:54

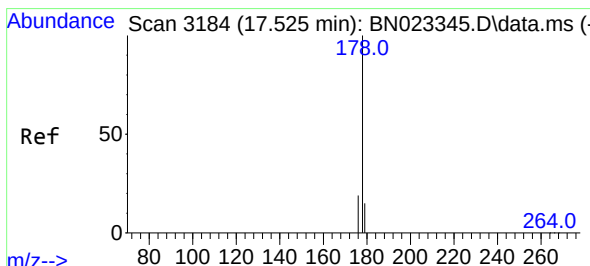
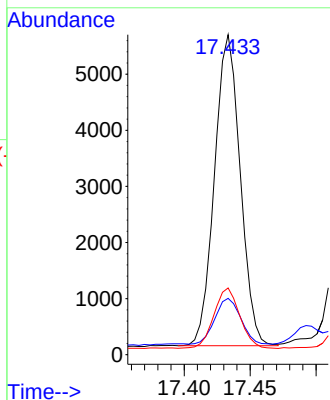
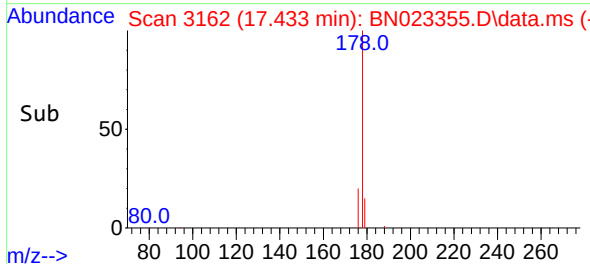
Instrument :
BNA_N
ClientSampleId :
DBXV1DL



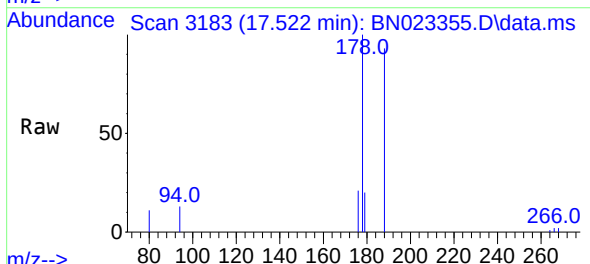
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Ion Ratio Lower Upper
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179 17.6 12.5 18.7
176 20.9 15.7 23.5

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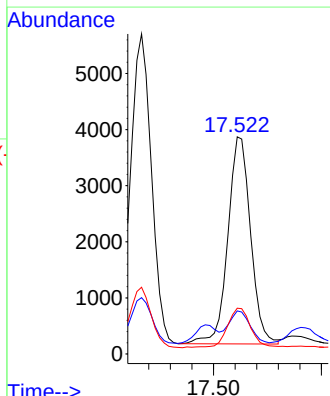
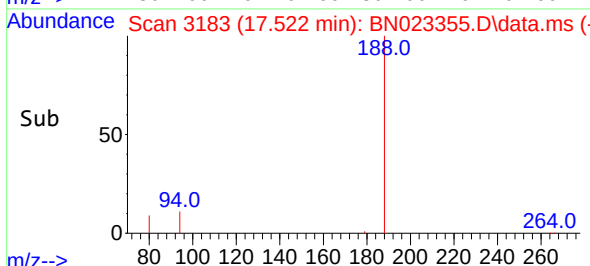
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

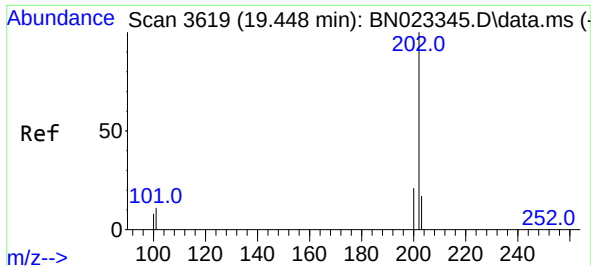


#16
Anthracene
Concen: 0.061 ng/u1
RT: 17.522 min Scan# 3183
Delta R.T. -0.004 min
Lab File: BN023355.D
Acq: 23 Dec 2022 00:54



Tgt Ion:178 Resp: 5400
Ion Ratio Lower Upper
178 100
179 19.8 12.6 18.8#
176 21.0 15.4 23.0





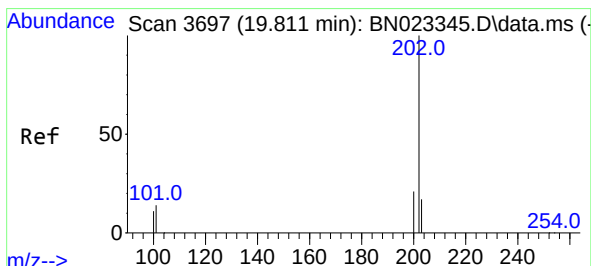
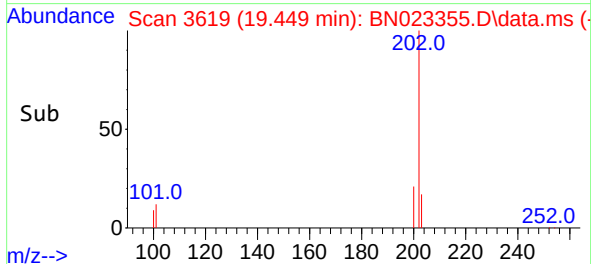
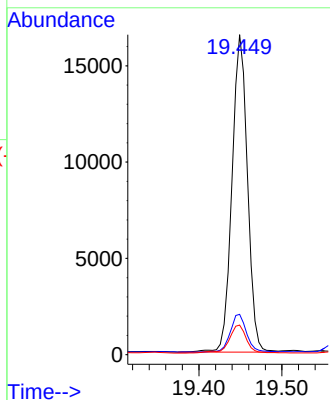
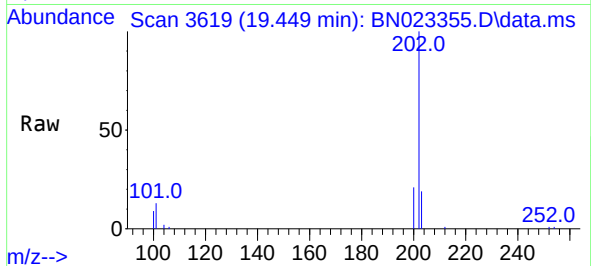
#19
Fluoranthene
Concen: 0.173 ng/ul
RT: 19.449 min Scan# 3619
Delta R.T. 0.000 min
Lab File: BN023355.D
Acq: 23 Dec 2022 00:54

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:202 Resp: 21430
Ion Ratio Lower Upper
202 100
101 12.6 9.4 14.2
100 9.3 7.0 10.6

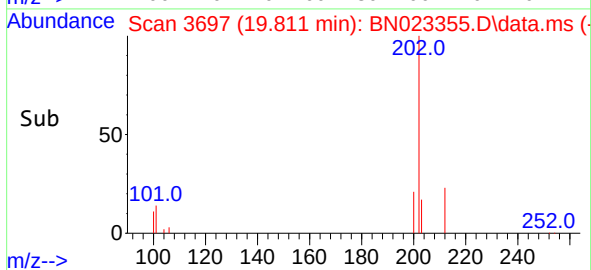
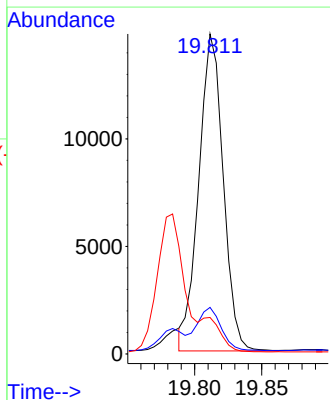
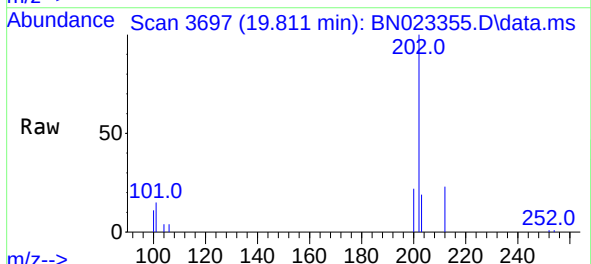
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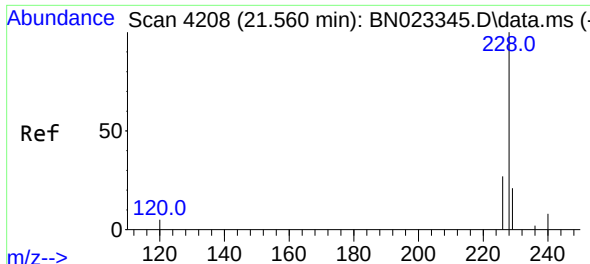
Reviewed By :Jagrut Upadhyay 12/23/2022
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#20
Pyrene
Concen: 0.149 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. 0.000 min
Lab File: BN023355.D
Acq: 23 Dec 2022 00:54

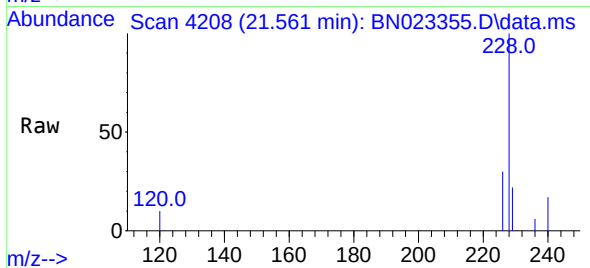
Tgt Ion:202 Resp: 18660
Ion Ratio Lower Upper
202 100
101 14.6 11.3 16.9
100 11.4 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.198 ng/uI
RT: 21.561 min Scan# 4208
Delta R.T. 0.000 min
Lab File: BN023355.D
Acq: 23 Dec 2022 00:54

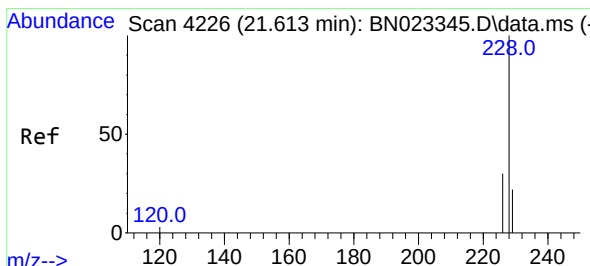
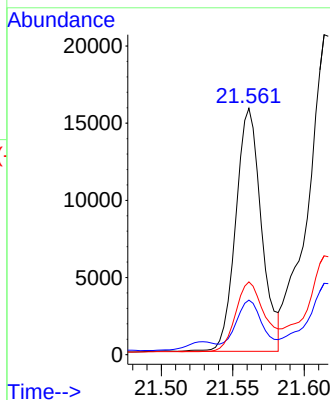
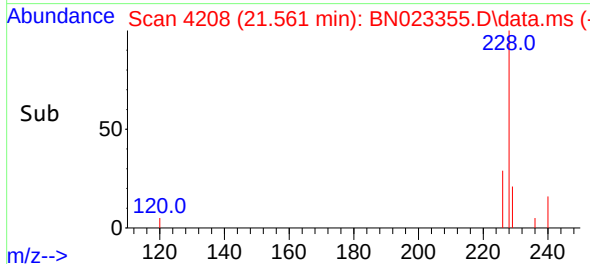
Instrument :
BNA_N
ClientSampleId :
DBXV1DL



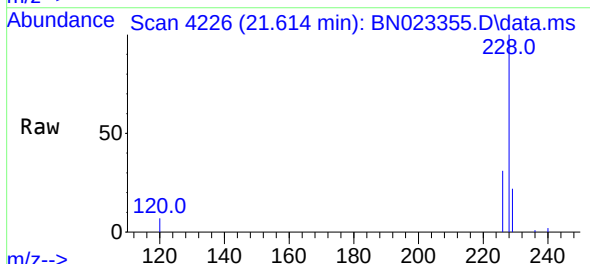
Tgt Ion:228 Resp: 19702
Ion Ratio Lower Upper
228 100
229 22.1 15.6 23.4
226 29.5 22.2 33.2

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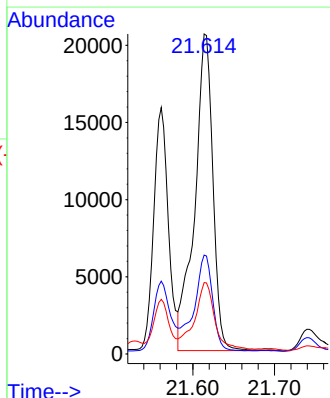
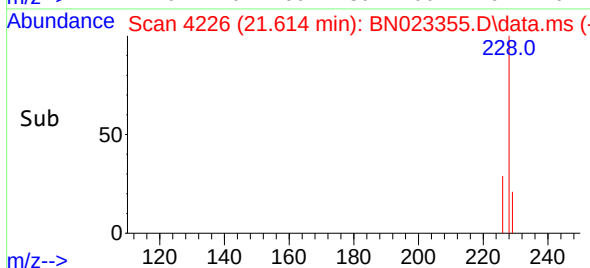
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Supervised By :mohammad ahmed 12/23/2022

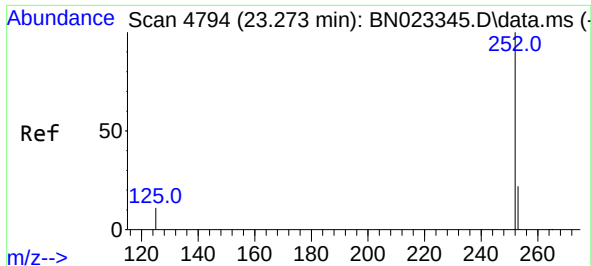


#22
Chrysene
Concen: 0.314 ng/uI
RT: 21.614 min Scan# 4226
Delta R.T. -0.003 min
Lab File: BN023355.D
Acq: 23 Dec 2022 00:54



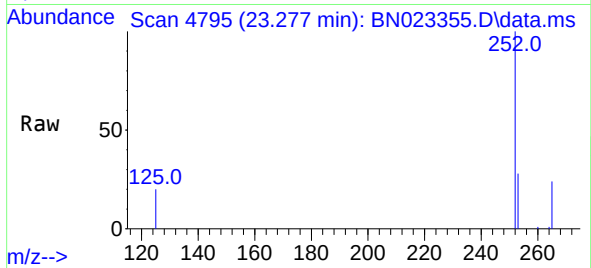
Tgt Ion:228 Resp: 31728
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 22.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.370 ng/ul m
RT: 23.277 min Scan# 4795
Delta R.T. 0.003 min
Lab File: BN023355.D
Acq: 23 Dec 2022 00:54

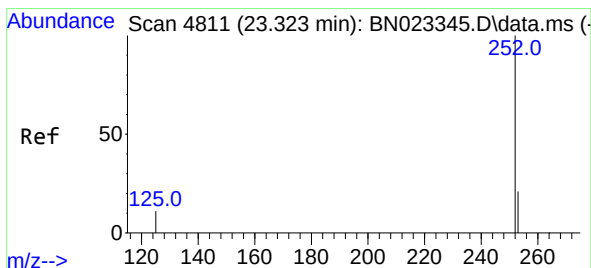
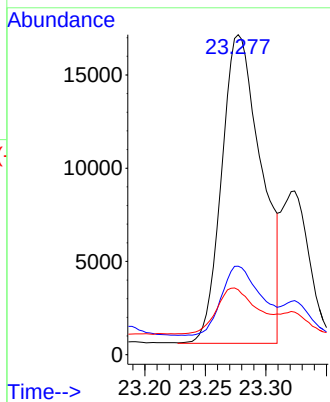
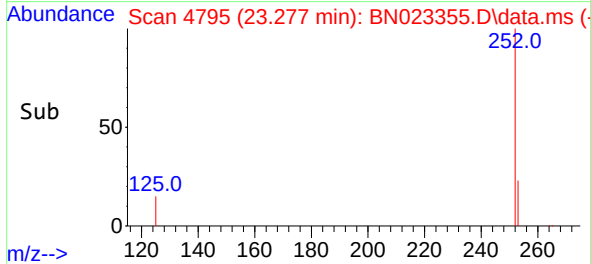
Instrument :
BNA_N
ClientSampleId :
DBXV1DL



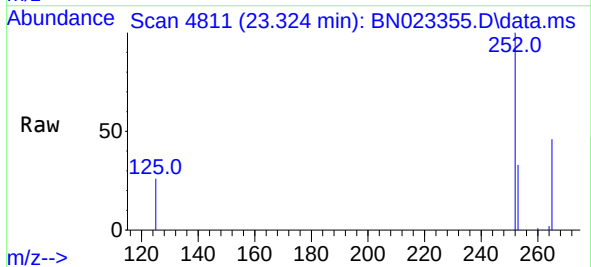
Tgt Ion:252 Resp: 37772
Ion Ratio Lower Upper
252 100
253 27.6 0.0 49.2
125 20.3 0.0 31.8

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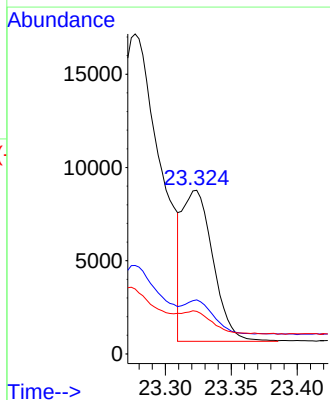
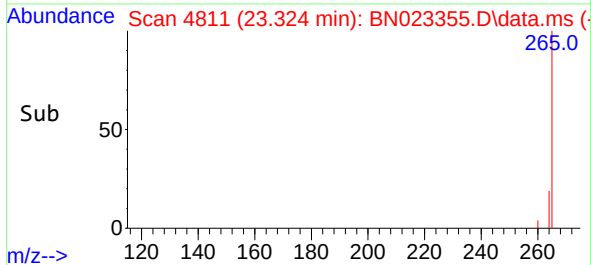
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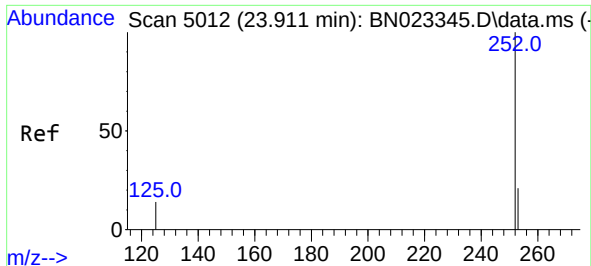


#25
Benzo(k)fluoranthene
Concen: 0.137 ng/ul m
RT: 23.324 min Scan# 4811
Delta R.T. 0.000 min
Lab File: BN023355.D
Acq: 23 Dec 2022 00:54



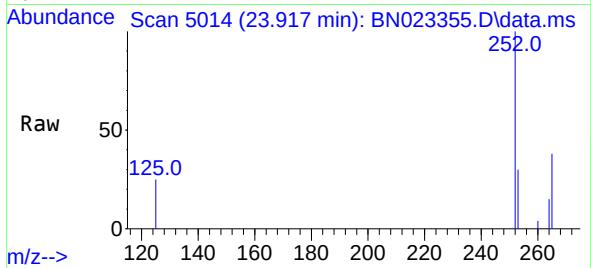
Tgt Ion:252 Resp: 13113
Ion Ratio Lower Upper
252 100
253 33.0 19.8 29.6#
125 26.0 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.253 ng/u1
RT: 23.917 min Scan# 5012
Delta R.T. 0.003 min
Lab File: BN023355.D
Acq: 23 Dec 2022 00:54

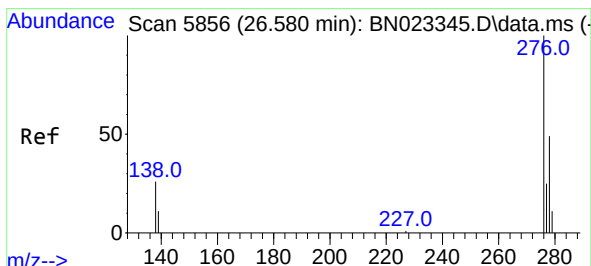
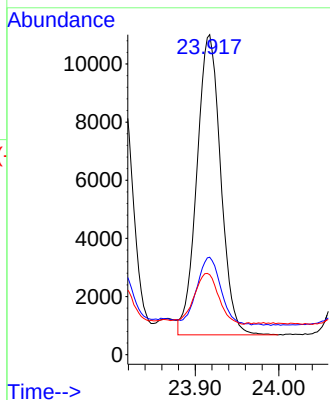
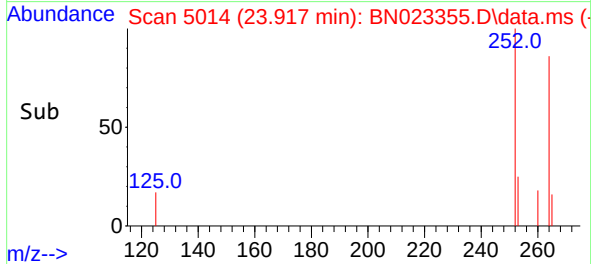
Instrument :
BNA_N
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DBXV1DL



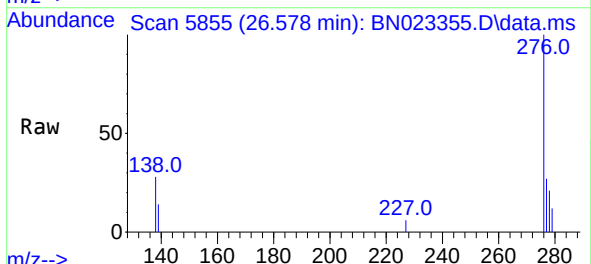
Tgt Ion:252 Resp: 20418
Ion Ratio Lower Upper
252 100
253 30.4 21.4 32.2
125 25.0 16.2 24.4

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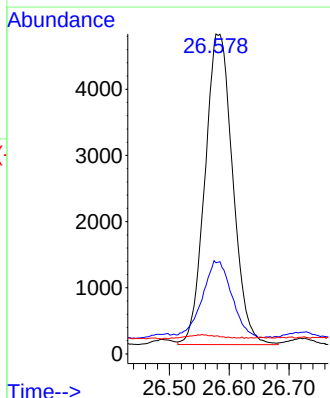
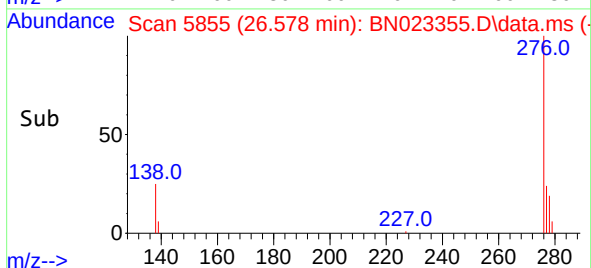
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

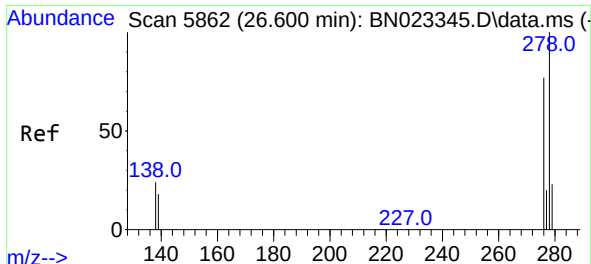


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.160 ng/u1
RT: 26.578 min Scan# 5855
Delta R.T. 0.000 min
Lab File: BN023355.D
Acq: 23 Dec 2022 00:54



Tgt Ion:276 Resp: 15120
Ion Ratio Lower Upper
276 100
138 26.4 23.4 35.2
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.056 ng/ul

RT: 26.595 min Scan# 5860

Delta R.T. -0.007 min

Lab File: BN023355.D

Acq: 23 Dec 2022 00:54

Instrument :

BNA_N

ClientSampleId :

DBXV1DL

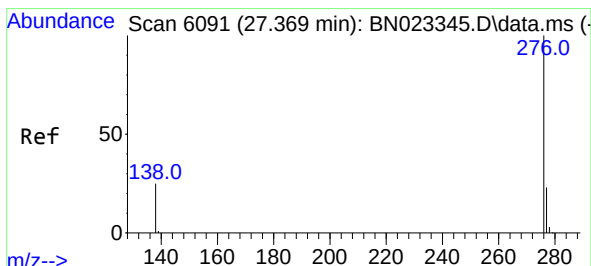
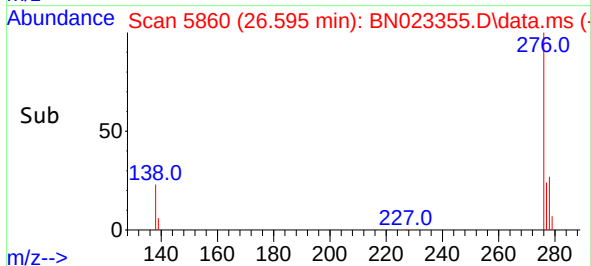
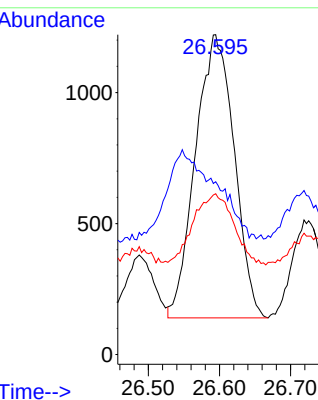
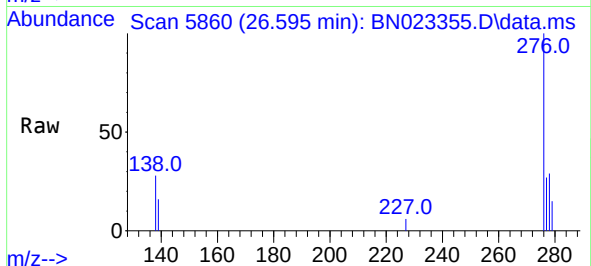
Tgt Ion:278 Resp: 4080

Ion	Ratio	Lower	Upper
278	100		
139	54.1	16.6	24.8
279	50.3	21.3	31.9

Manual Integrations

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#29

Benzo(g,h,i)perylene

Concen: 0.146 ng/ul

RT: 27.373 min Scan# 6092

Delta R.T. 0.003 min

Lab File: BN023355.D

Acq: 23 Dec 2022 00:54

Tgt Ion:276 Resp: 11258

Ion	Ratio	Lower	Upper
276	100		
138	30.7	20.3	30.5
277	27.3	19.7	29.5

