

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN12222\
 Data File : BN023354.D
 Acq On : 23 Dec 2022 00:18
 Operator : CG/JU
 Sample : N6003-18DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXT8DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 01:26:02 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	6268	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	21493	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	13104	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	31236	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	24514	0.400	ng/ul	# 0.00
23) Perylene-d12	24.028	264	19718	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.345	96	9157	1.345	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	3055	0.092	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	7926	0.089	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.865	128	2163	0.034	ng/ul#	87
10) Acenaphthylene	14.368	152	3451	0.059	ng/ul#	93
15) Phenanthrene	17.432	178	9377	0.092	ng/ul	96
16) Anthracene	17.525	178	2457	0.029	ng/ul#	86
19) Fluoranthene	19.448	202	29972	0.252	ng/ul	98
20) Pyrene	19.811	202	23474m	0.196	ng/ul	
21) Benzo(a)anthracene	21.560	228	19913	0.209	ng/ul	95
22) Chrysene	21.616	228	22642	0.233	ng/ul#	92
24) Benzo(b)fluoranthene	23.279	252	31447m	0.308	ng/ul	
25) Benzo(k)fluoranthene	23.323	252	11144m	0.116	ng/ul	
26) Benzo(a)pyrene	23.916	252	16234	0.201	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.584	276	11891	0.126	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.594	278	3139	0.043	ng/ul#	1
29) Benzo(g,h,i)perylene	27.372	276	8018	0.104	ng/ul#	85

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

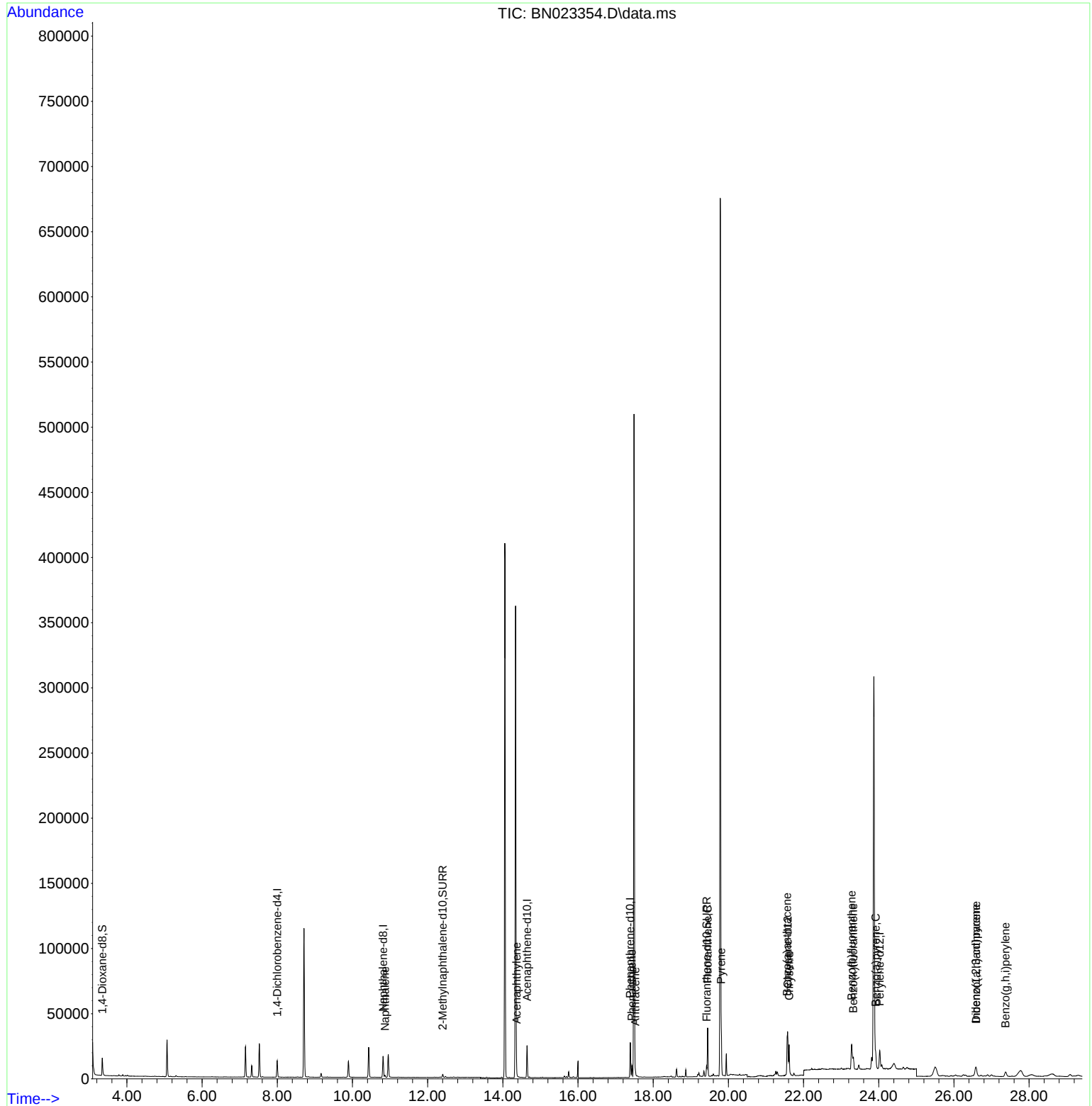
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Data File : BN023354.D
Acq On : 23 Dec 2022 00:18
Operator : CG/JU
Sample : N6003-18DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

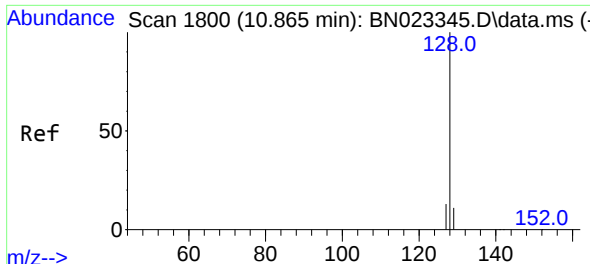
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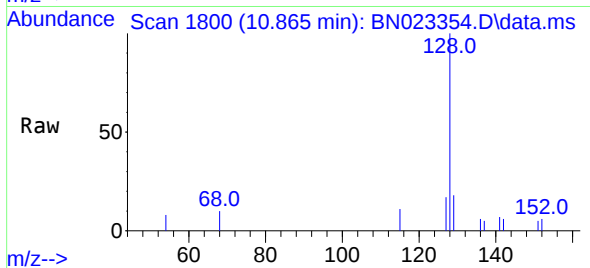
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.034 ng/u1
RT: 10.865 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN023354.D
Acq: 23 Dec 2022 00:18

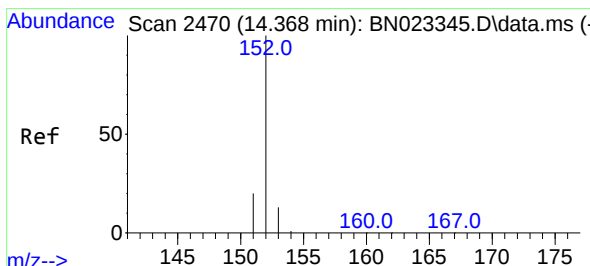
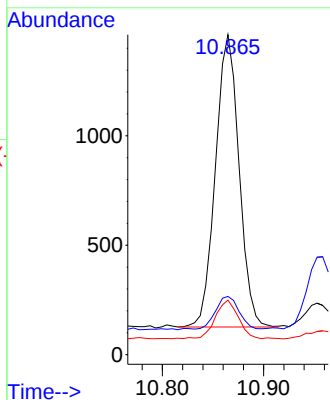
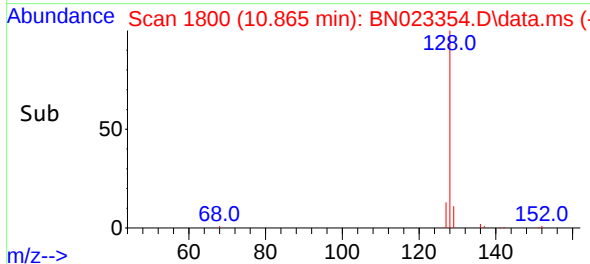
Instrument :
BNA_N
ClientSampleId :
DBXT8DL



Tgt Ion:128 Resp: 216
Ion Ratio Lower Upper
128 100
129 18.2 9.0 13.4
127 17.0 10.7 16.1

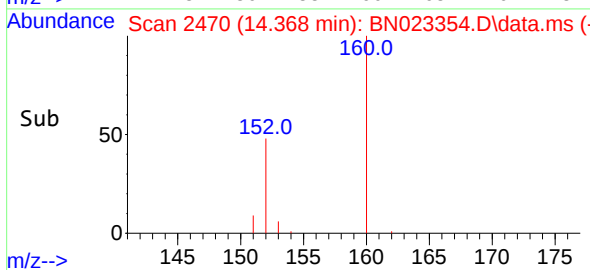
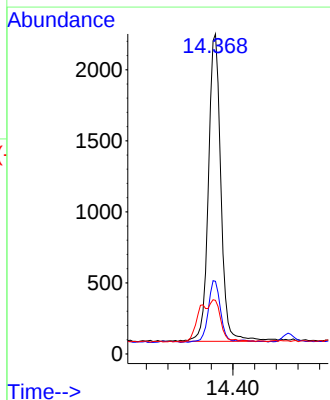
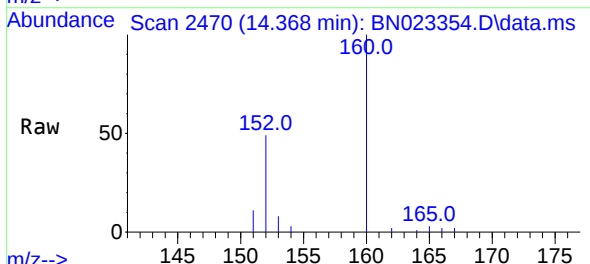
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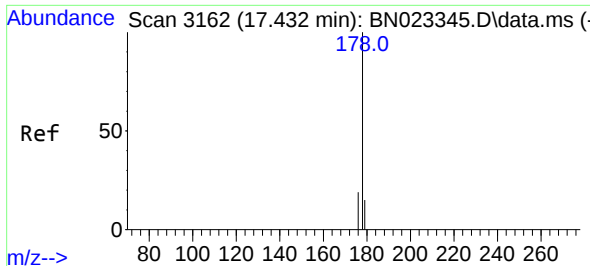
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#10
Acenaphthylene
Concen: 0.059 ng/u1
RT: 14.368 min Scan# 2470
Delta R.T. -0.001 min
Lab File: BN023354.D
Acq: 23 Dec 2022 00:18

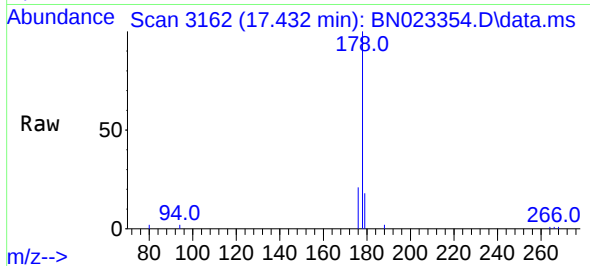
Tgt Ion:152 Resp: 3451
Ion Ratio Lower Upper
152 100
151 22.7 16.1 24.1
153 16.7 10.9 16.3





#15
Phenanthrene
Concen: 0.092 ng/u1
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023354.D
Acq: 23 Dec 2022 00:18

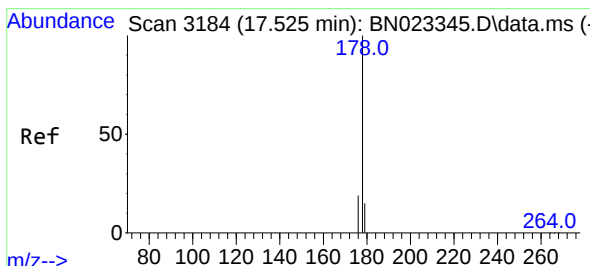
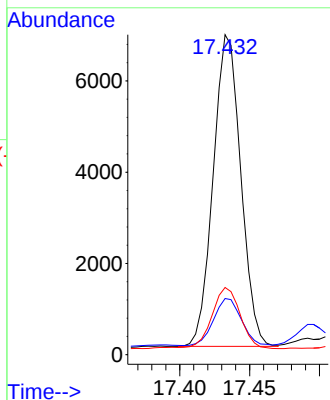
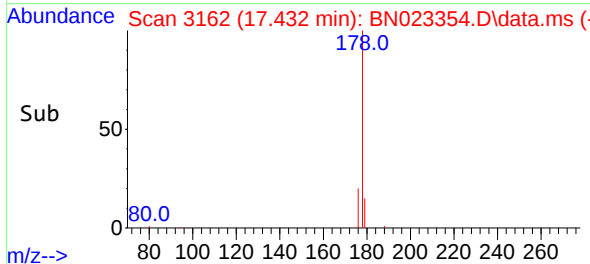
Instrument :
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ClientSampleId :
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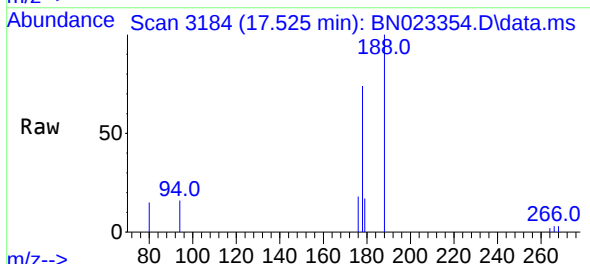
Tgt Ion:178 Resp: 937
Ion Ratio Lower Upper
178 100
179 17.5 12.5 18.7
176 21.0 15.7 23.5

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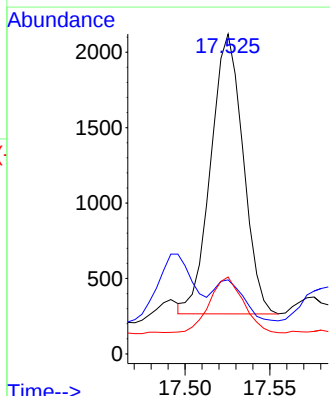
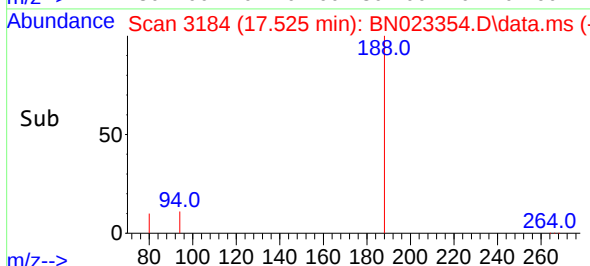
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

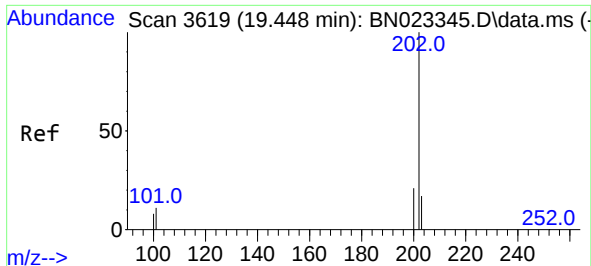


#16
Anthracene
Concen: 0.029 ng/u1
RT: 17.525 min Scan# 3184
Delta R.T. -0.001 min
Lab File: BN023354.D
Acq: 23 Dec 2022 00:18



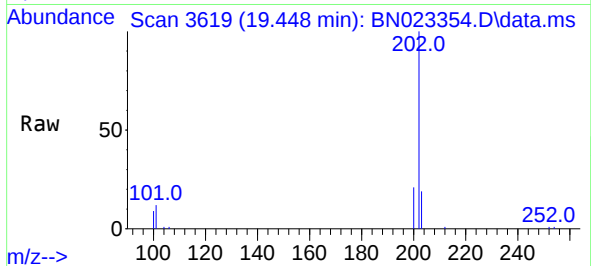
Tgt Ion:178 Resp: 2457
Ion Ratio Lower Upper
178 100
179 23.1 12.6 18.8#
176 24.0 15.4 23.0#





#19
Fluoranthene
Concen: 0.252 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023354.D
Acq: 23 Dec 2022 00:18

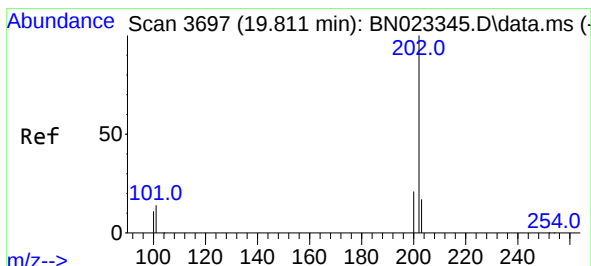
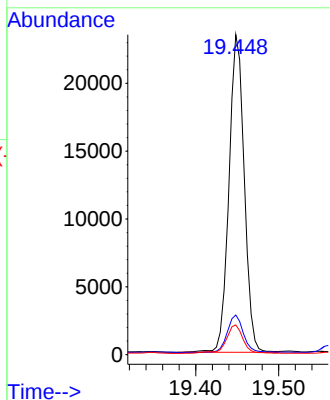
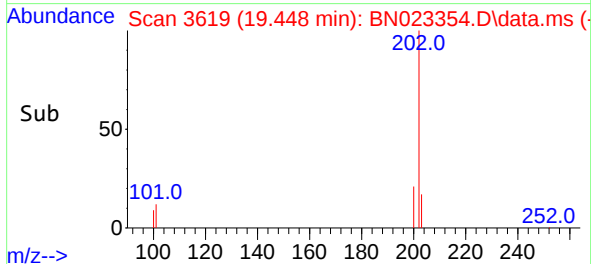
Instrument :
BNA_N
ClientSampleId :
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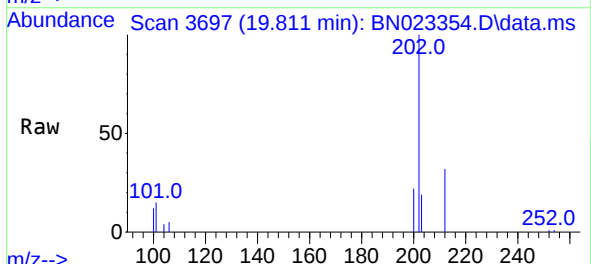
Tgt Ion:202 Resp: 29972
Ion Ratio Lower Upper
202 100
101 12.4 9.4 14.2
100 9.3 7.0 10.6

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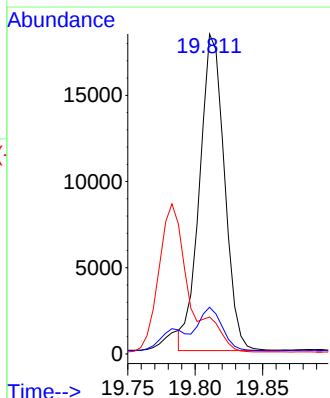
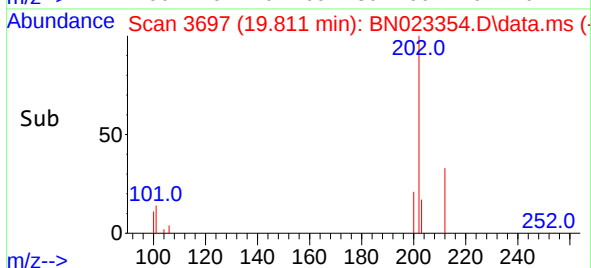
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

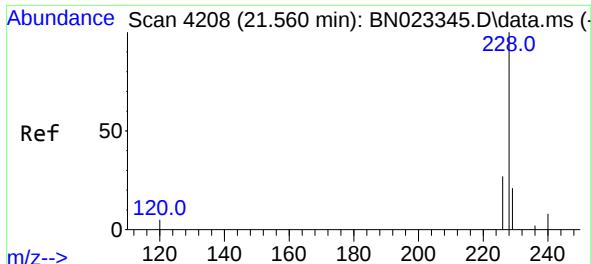


#20
Pyrene
Concen: 0.196 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023354.D
Acq: 23 Dec 2022 00:18



Tgt Ion:202 Resp: 23474
Ion Ratio Lower Upper
202 100
101 14.6 11.3 16.9
100 11.5 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.209 ng/u1
RT: 21.560 min Scan# 4208
Delta R.T. -0.001 min
Lab File: BN023354.D
Acq: 23 Dec 2022 00:18

Instrument :

BNA_N

ClientSampleId :

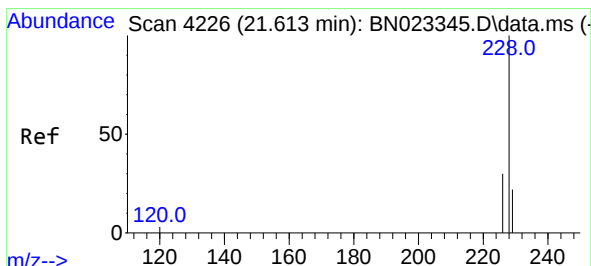
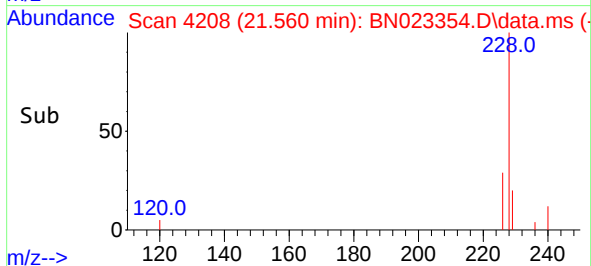
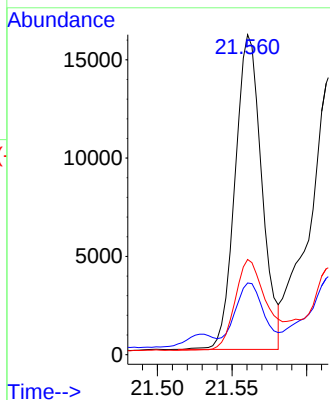
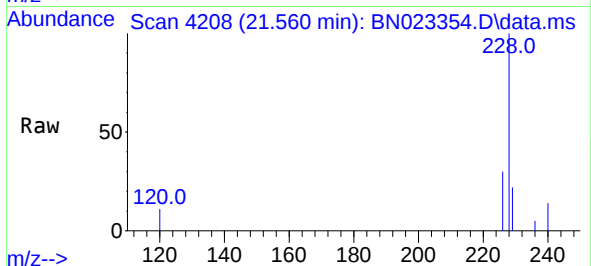
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Tgt Ion:228 Resp: 1991
Ion Ratio Lower Upper
228 100
229 22.4 15.6 23.4
226 29.8 22.2 33.2

Manual Integrations

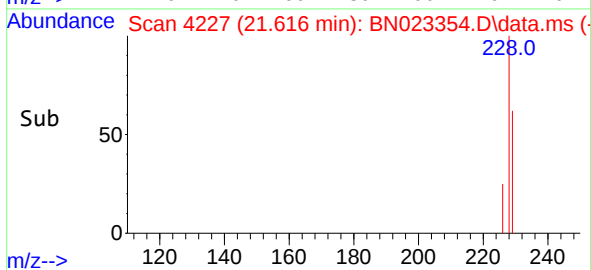
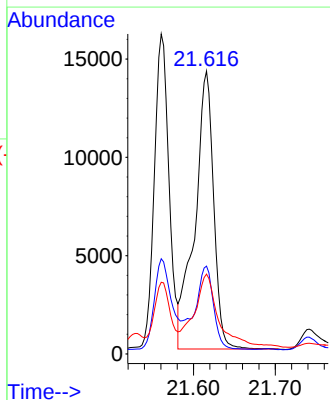
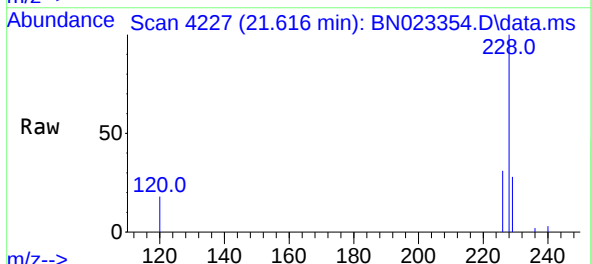
APPROVED

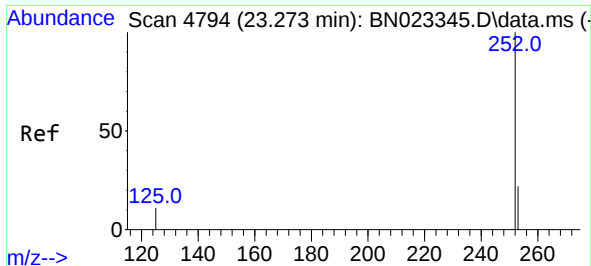
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#22
Chrysene
Concen: 0.233 ng/u1
RT: 21.616 min Scan# 4227
Delta R.T. -0.001 min
Lab File: BN023354.D
Acq: 23 Dec 2022 00:18

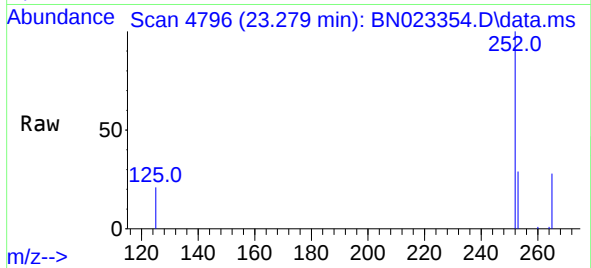
Tgt Ion:228 Resp: 22642
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 28.2 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.308 ng/ul m
RT: 23.279 min Scan# 4794
Delta R.T. 0.005 min
Lab File: BN023354.D
Acq: 23 Dec 2022 00:18

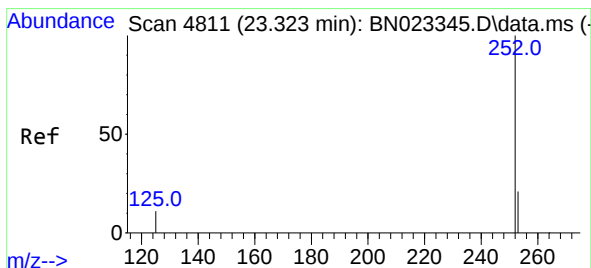
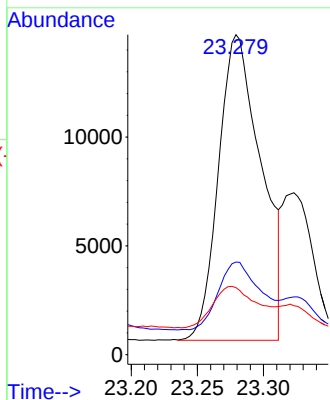
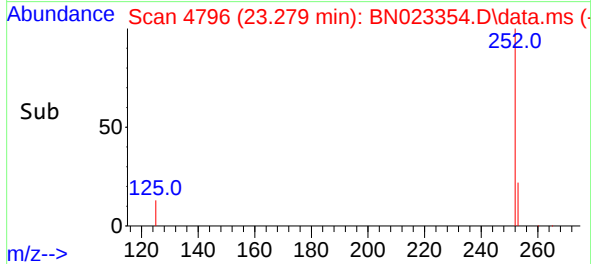
Instrument :
BNA_N
ClientSampleId :
DBXT8DL



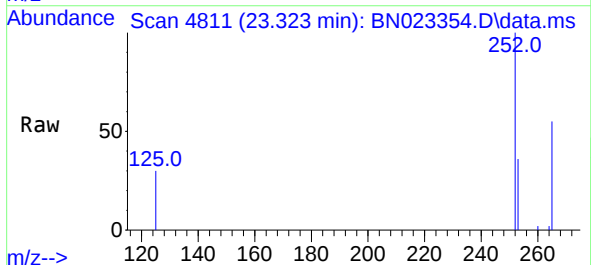
Tgt Ion:252 Resp: 3144
Ion Ratio Lower Upper
252 100
253 29.0 0.0 49.2
125 21.0 0.0 31.8

Manual Integrations
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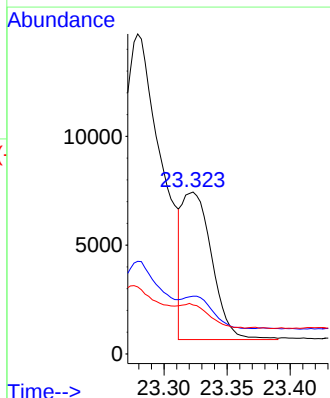
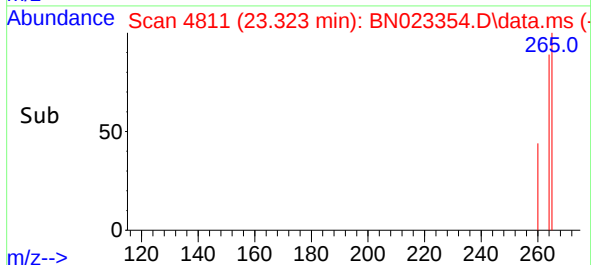
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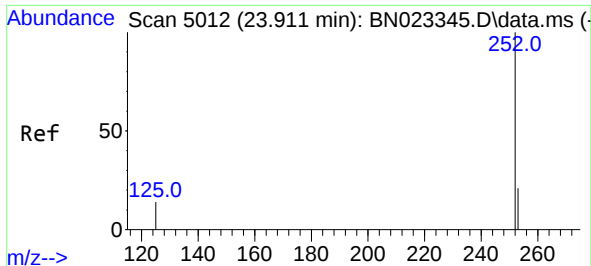


#25
Benzo(k)fluoranthene
Concen: 0.116 ng/ul m
RT: 23.323 min Scan# 4811
Delta R.T. -0.001 min
Lab File: BN023354.D
Acq: 23 Dec 2022 00:18



Tgt Ion:252 Resp: 11144
Ion Ratio Lower Upper
252 100
253 35.6 19.8 29.6#
125 30.3 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.201 ng/ul
RT: 23.916 min Scan# 5012
Delta R.T. 0.002 min
Lab File: BN023354.D
Acq: 23 Dec 2022 00:18

Instrument :

BNA_N

ClientSampleId :

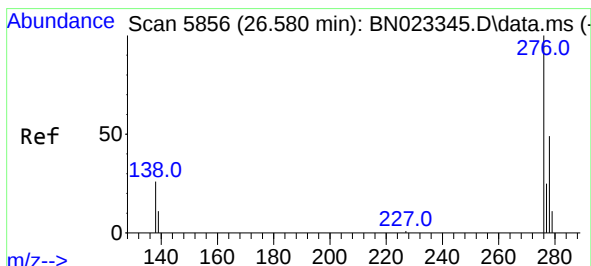
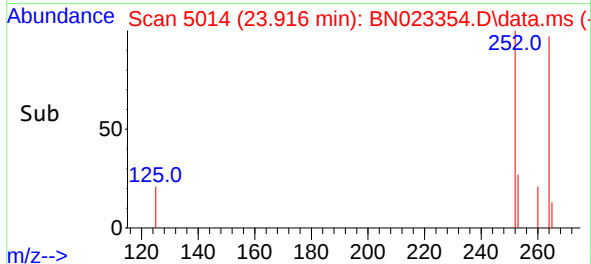
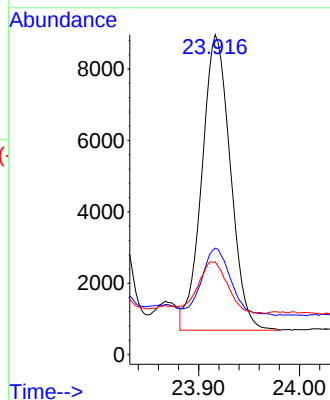
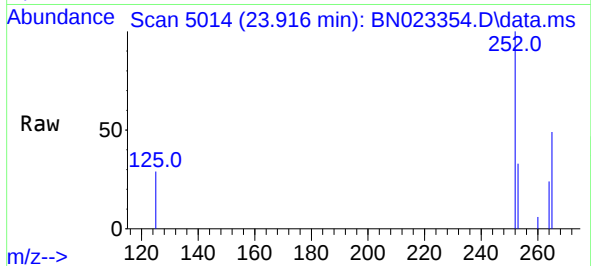
DBXT8DL

Tgt Ion:252 Resp: 16234
Ion Ratio Lower Upper
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253 33.3 21.4 32.2
125 29.0 16.2 24.4

Manual Integrations

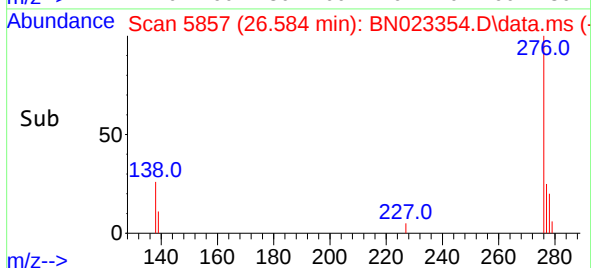
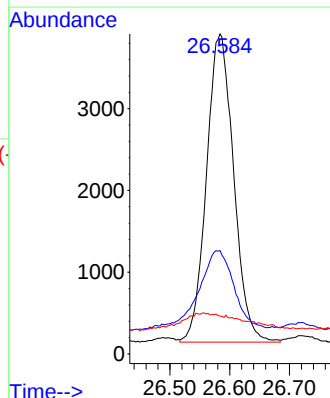
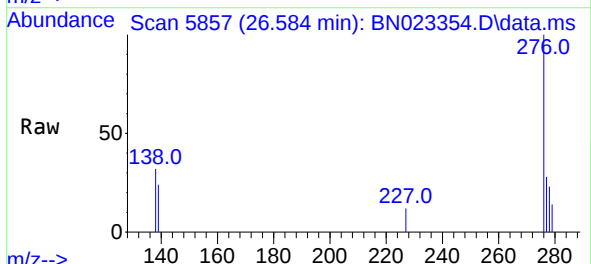
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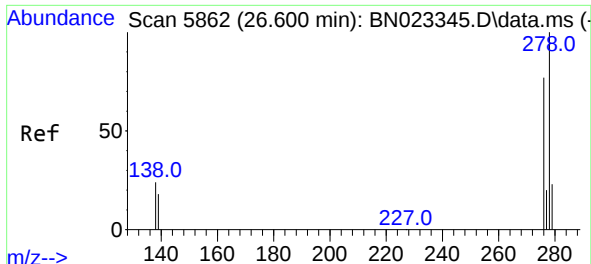
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.126 ng/ul
RT: 26.584 min Scan# 5857
Delta R.T. 0.006 min
Lab File: BN023354.D
Acq: 23 Dec 2022 00:18

Tgt Ion:276 Resp: 11891
Ion Ratio Lower Upper
276 100
138 34.8 23.4 35.2
227 0.0 0.0 0.0





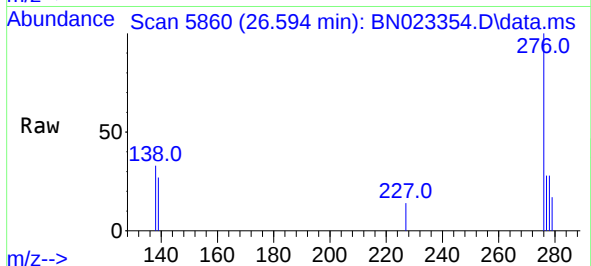
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Dibenzo(a,h)anthracene
Concen: 0.043 ng/ul
RT: 26.594 min Scan# 5860
Delta R.T. -0.007 min
Lab File: BN023354.D
Acq: 23 Dec 2022 00:18

Instrument :

BNA_N

ClientSampleId :

DBXT8DL

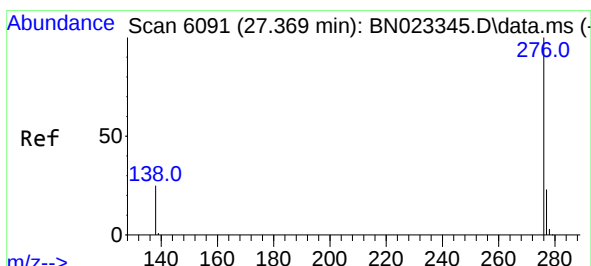
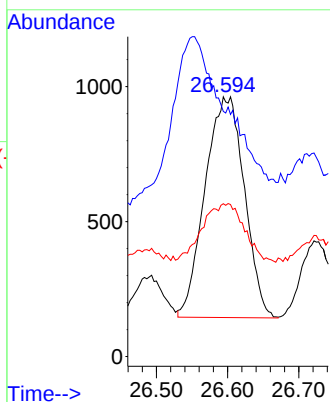
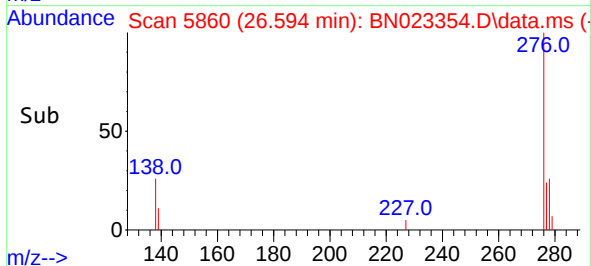


Tgt Ion:278 Resp: 3139
Ion Ratio Lower Upper
278 100
139 94.4 16.6 24.8
279 58.8 21.3 31.9

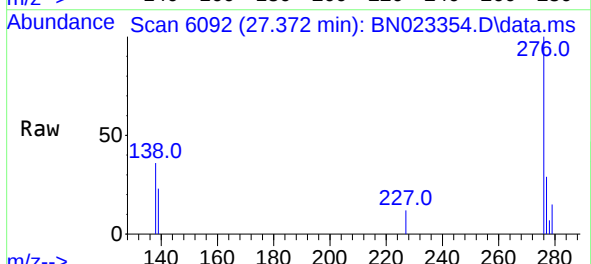
Manual Integrations

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#29
Benzo(g,h,i)perylene
Concen: 0.104 ng/ul
RT: 27.372 min Scan# 6092
Delta R.T. 0.003 min
Lab File: BN023354.D
Acq: 23 Dec 2022 00:18



Tgt Ion:276 Resp: 8018
Ion Ratio Lower Upper
276 100
138 36.3 20.3 30.5
277 29.1 19.7 29.5

