

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023361.D
 Acq On : 23 Dec 2022 04:35
 Operator : CG/JU
 Sample : N6003-11DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXQ2DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 05:06:24 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	7.994	152	7623	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	25189	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	14987	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	35440	0.400	ng/ul	0.00
17) Chrysene-d12	21.581	240	27208	0.400	ng/ul	0.00
23) Perylene-d12	24.027	264	23442	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	8029	0.969	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	2552	0.065	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	6273	0.064	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	14.363	152	53885	0.811	ng/ul	99
15) Phenanthrene	17.432	178	11916	0.103	ng/ul	98
16) Anthracene	17.525	178	39092	0.408	ng/ul	99
19) Fluoranthene	19.448	202	256348	1.942	ng/ul	100
20) Pyrene	19.811	202	304954	2.292	ng/ul	100
21) Benzo(a)anthracene	21.560	228	393111	3.711	ng/ul	99
22) Chrysene	21.616	228	473397	4.394	ng/ul	99
24) Benzo(b)fluoranthene	23.282	252	820894m	6.771	ng/ul	
25) Benzo(k)fluoranthene	23.326	252	264923m	2.327	ng/ul	
26) Benzo(a)pyrene	23.919	252	343360	3.577	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.587	276	239977	2.142	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.597	278	56260	0.647	ng/ul	98
29) Benzo(g,h,i)perylene	27.382	276	187865	2.057	ng/ul	99

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

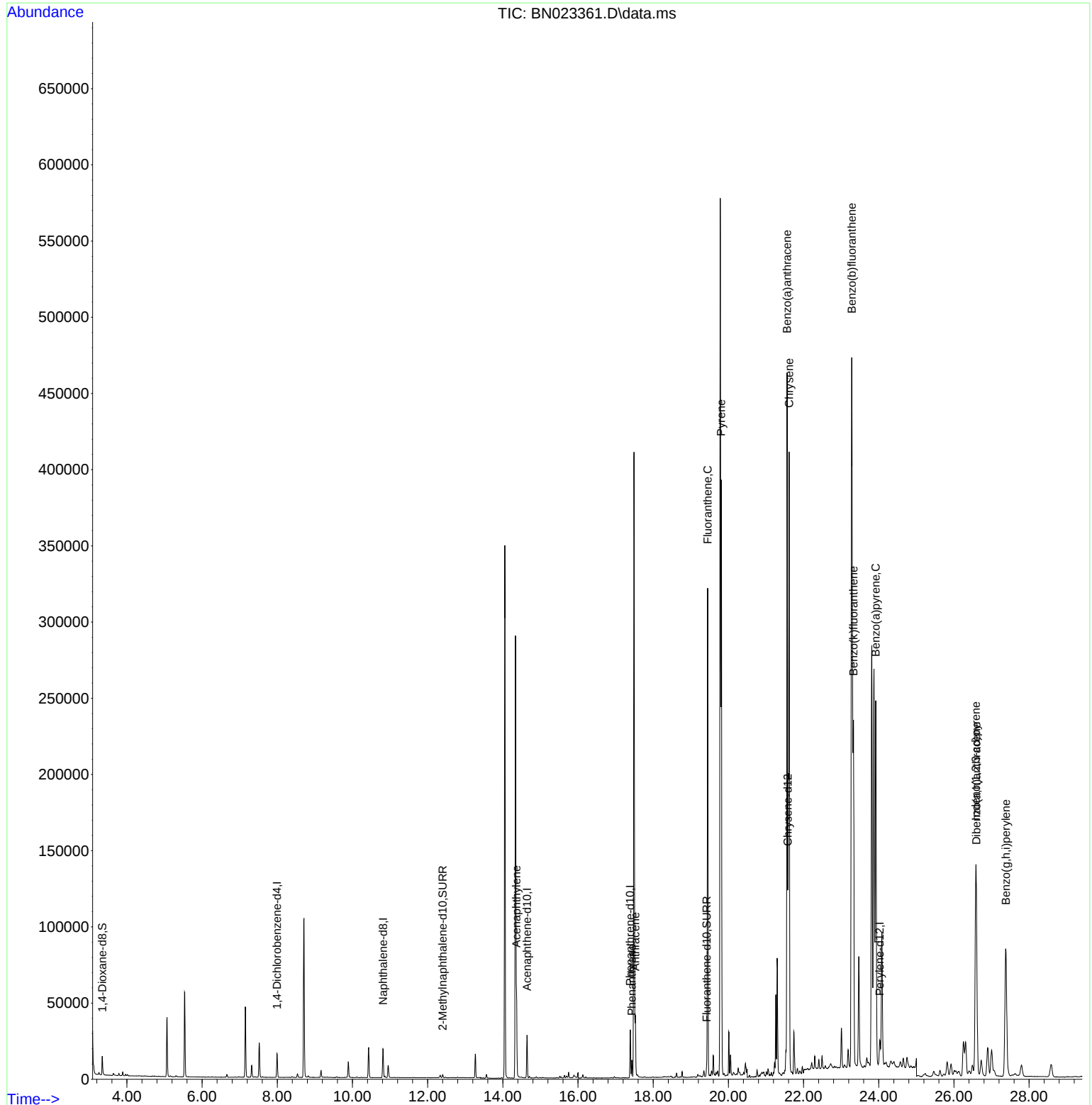
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
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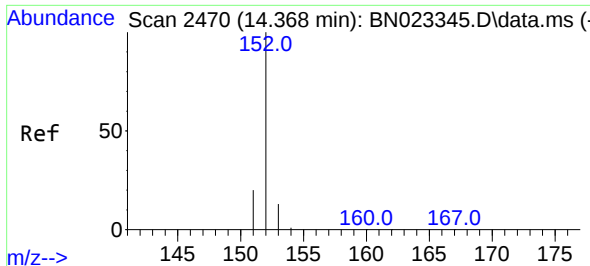
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.811 ng/u1
RT: 14.363 min Scan# 2470
Delta R.T. -0.005 min
Lab File: BN023361.D
Acq: 23 Dec 2022 04:35

Instrument :

BNA_N

ClientSampleId :

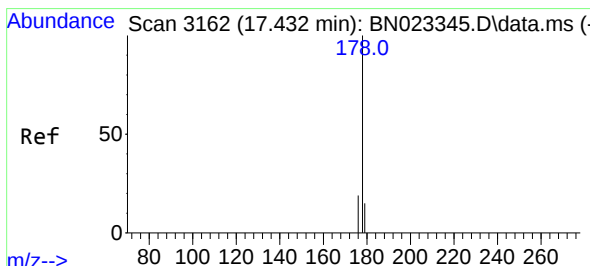
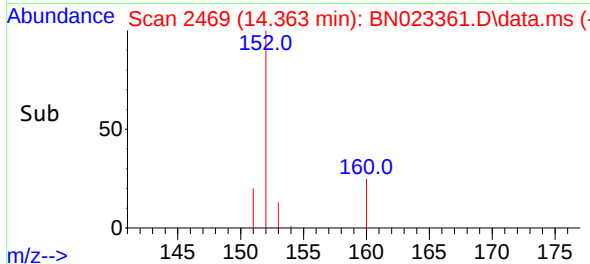
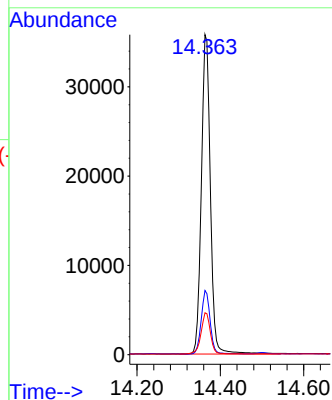
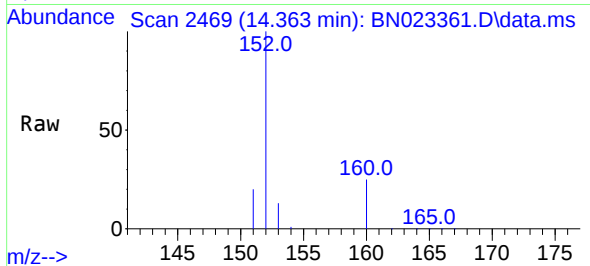
DBXQ2DL

Tgt Ion:152 Resp: 5388
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.1 10.9 16.3

Manual Integrations

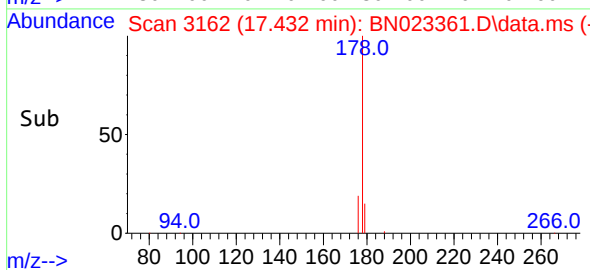
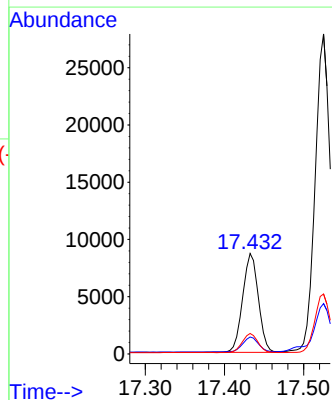
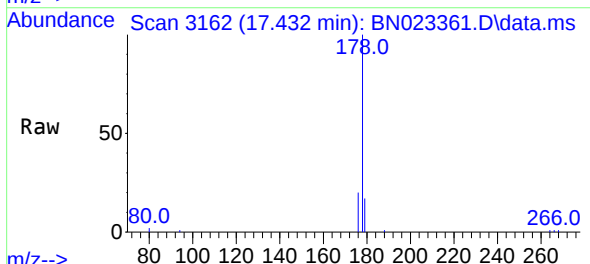
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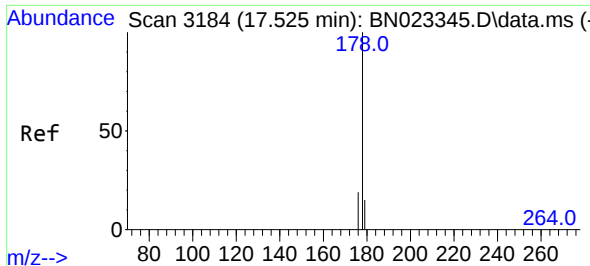
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#15
Phenanthrene
Concen: 0.103 ng/u1
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023361.D
Acq: 23 Dec 2022 04:35

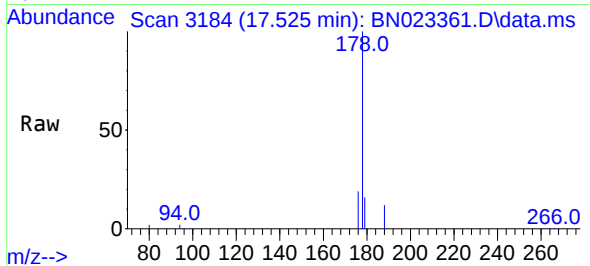
Tgt Ion:178 Resp: 11916
Ion Ratio Lower Upper
178 100
179 16.8 12.5 18.7
176 20.3 15.7 23.5





#16
 Anthracene
 Concen: 0.408 ng/ul
 RT: 17.525 min Scan# 3184
 Delta R.T. -0.001 min
 Lab File: BN023361.D
 Acq: 23 Dec 2022 04:35

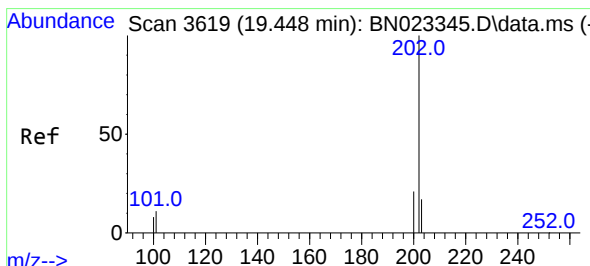
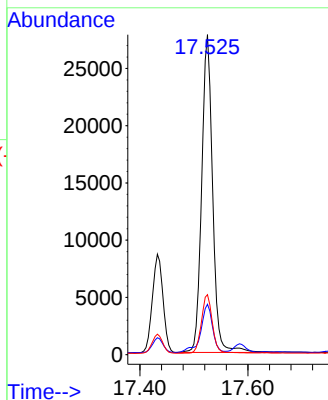
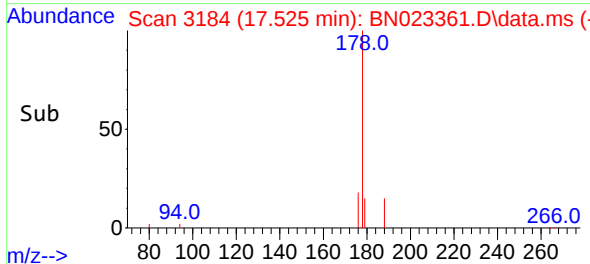
Instrument :
 BNA_N
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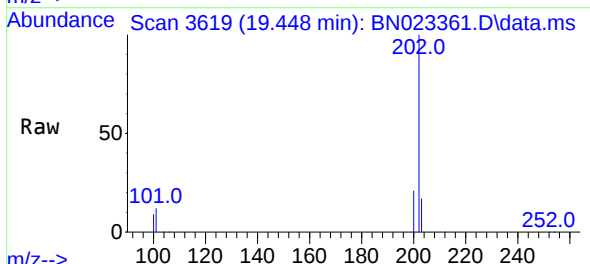
Tgt Ion:178 Resp: 39092
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.6 18.8
 176 18.8 15.4 23.0

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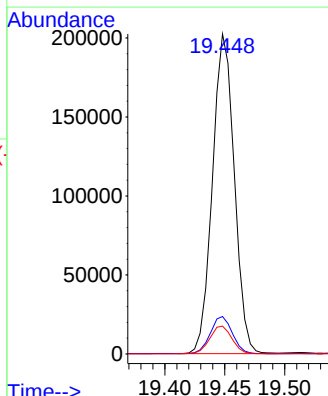
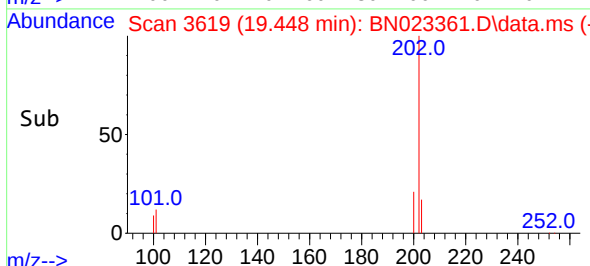
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 Supervised By :mohammad ahmed 12/23/2022

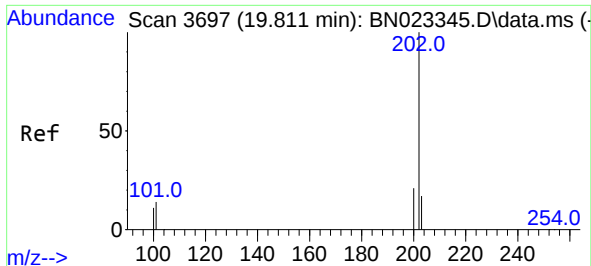


#19
 Fluoranthene
 Concen: 1.942 ng/ul
 RT: 19.448 min Scan# 3619
 Delta R.T. -0.001 min
 Lab File: BN023361.D
 Acq: 23 Dec 2022 04:35



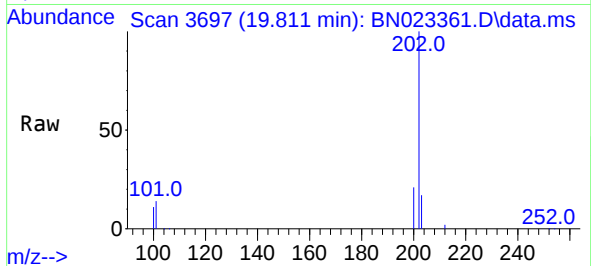
Tgt Ion:202 Resp: 256348
 Ion Ratio Lower Upper
 202 100
 101 11.7 9.4 14.2
 100 8.7 7.0 10.6





#20
Pyrene
Concen: 2.292 ng/ul
RT: 19.811 min Scan# 304954
Delta R.T. -0.001 min
Lab File: BN023361.D
Acq: 23 Dec 2022 04:35

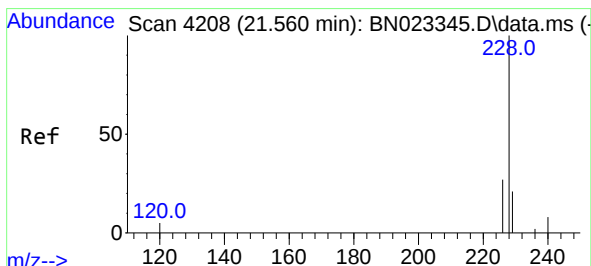
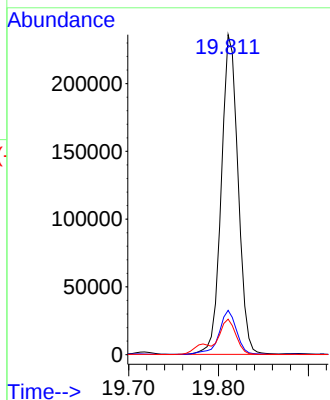
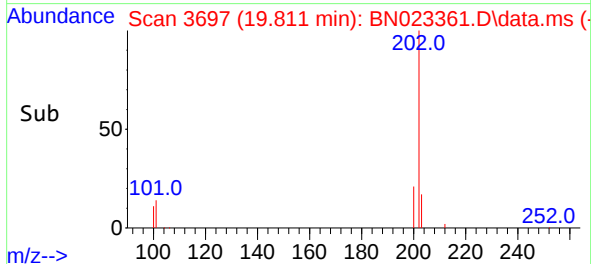
Instrument :
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ClientSampleId :
DBXQ2DL



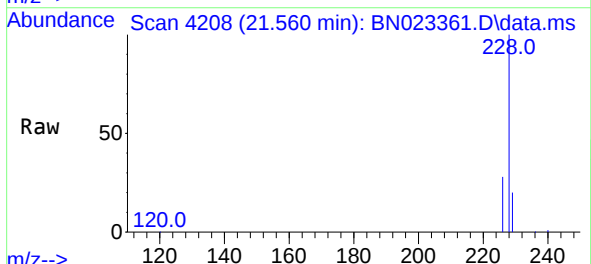
Tgt Ion:202 Resp: 304954
Ion Ratio Lower Upper
202 100
101 13.8 11.3 16.9
100 11.1 9.0 13.4

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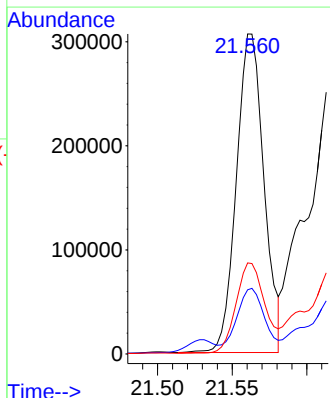
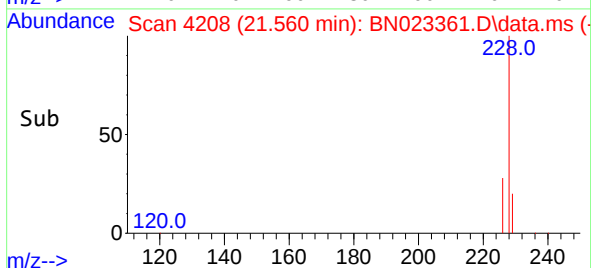
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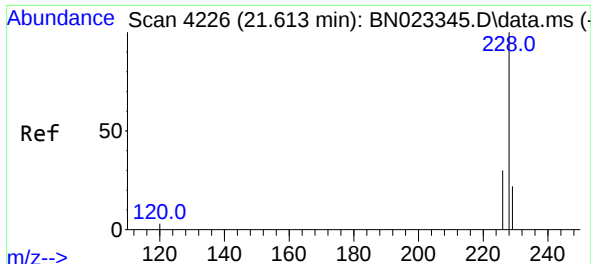


#21
Benzo(a)anthracene
Concen: 3.711 ng/ul
RT: 21.560 min Scan# 4208
Delta R.T. -0.001 min
Lab File: BN023361.D
Acq: 23 Dec 2022 04:35



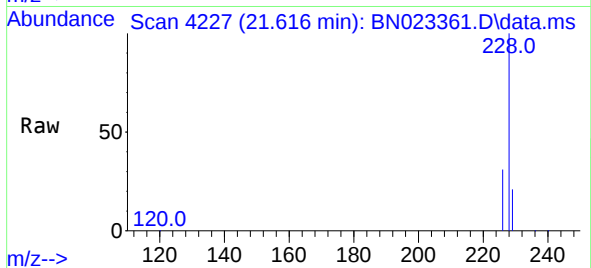
Tgt Ion:228 Resp: 393111
Ion Ratio Lower Upper
228 100
229 20.1 15.6 23.4
226 28.5 22.2 33.2





#22
Chrysene
Concen: 4.394 ng/ul
RT: 21.616 min Scan# 41
Delta R.T. -0.001 min
Lab File: BN023361.D
Acq: 23 Dec 2022 04:35

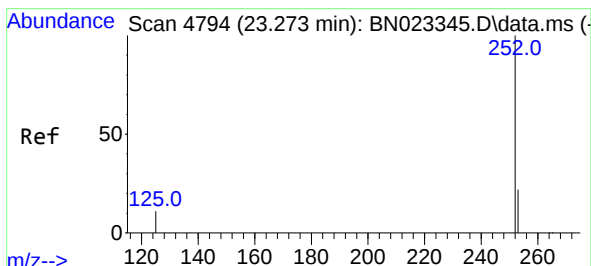
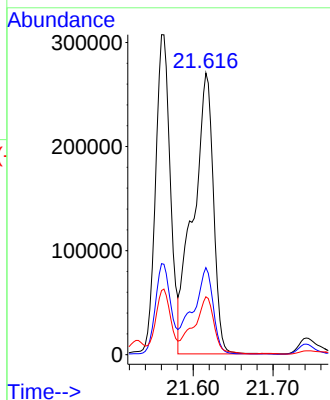
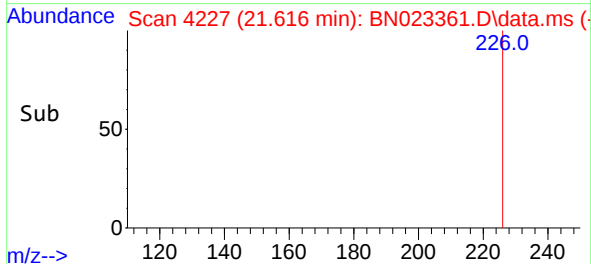
Instrument :
BNA_N
ClientSampleId :
DBXQ2DL



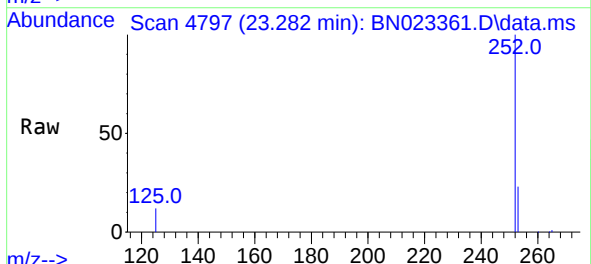
Tgt Ion:228 Resp: 47339
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 20.5 15.8 23.6

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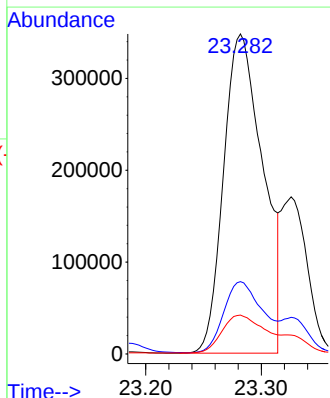
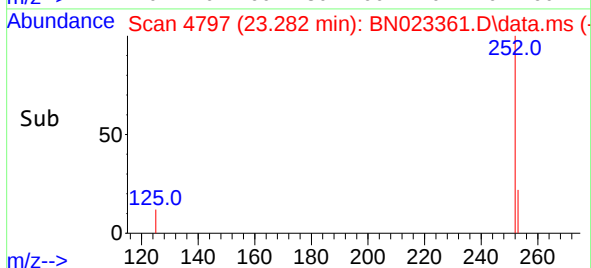
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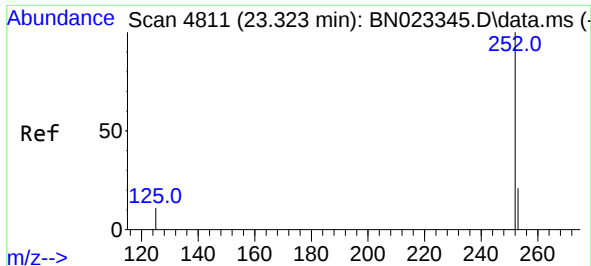


#24
Benzo(b)fluoranthene
Concen: 6.771 ng/ul m
RT: 23.282 min Scan# 4797
Delta R.T. 0.008 min
Lab File: BN023361.D
Acq: 23 Dec 2022 04:35



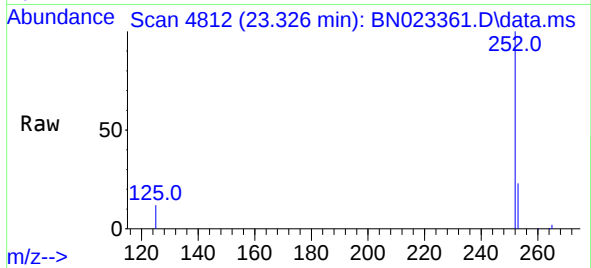
Tgt Ion:252 Resp: 820894
Ion Ratio Lower Upper
252 100
253 22.6 0.0 49.2
125 12.1 0.0 31.8





#25
Benzo(k)fluoranthene
Concen: 2.327 ng/ul m
RT: 23.326 min Scan# 4811
Delta R.T. 0.002 min
Lab File: BN023361.D
Acq: 23 Dec 2022 04:35

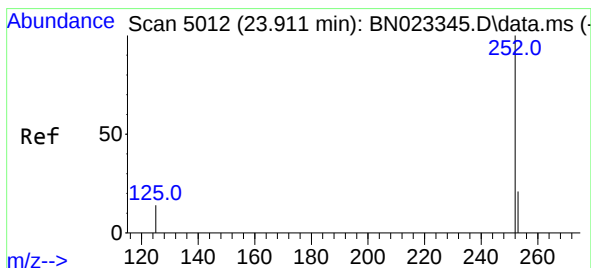
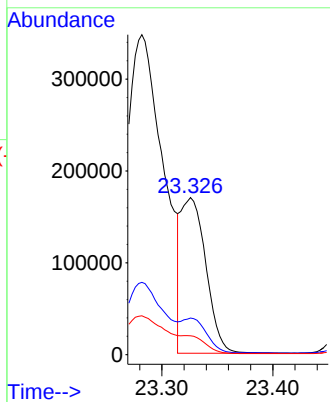
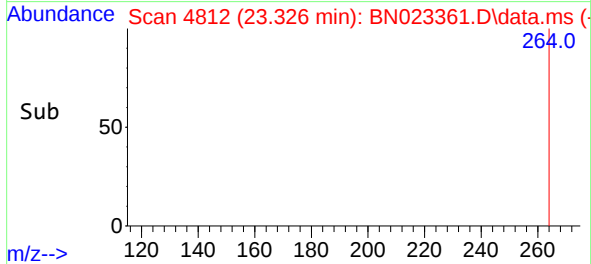
Instrument :
BNA_N
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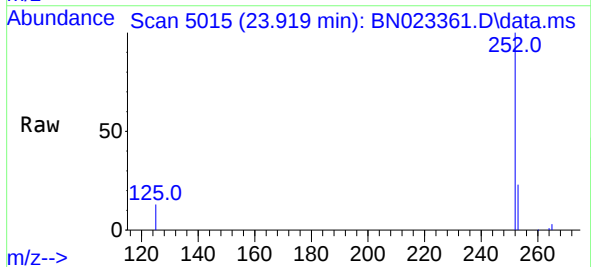
Tgt Ion:252 Resp: 264923
Ion Ratio Lower Upper
252 100
253 23.4 19.8 29.6
125 12.1 12.6 18.8

Manual Integrations
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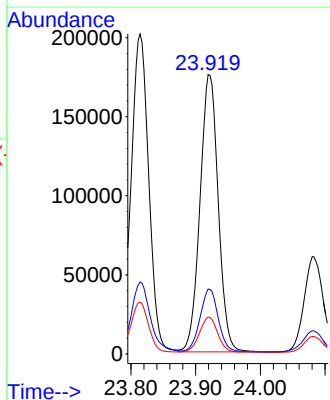
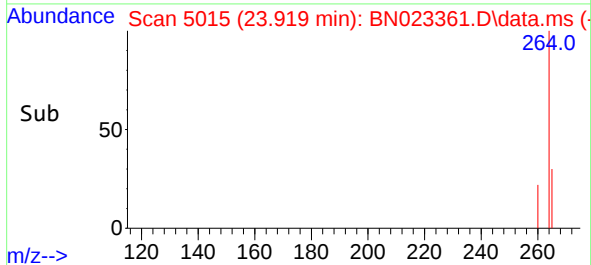
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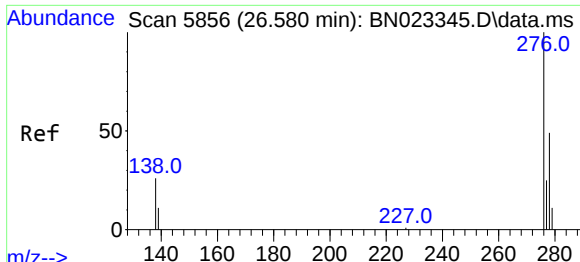


#26
Benzo(a)pyrene
Concen: 3.577 ng/ul
RT: 23.919 min Scan# 5015
Delta R.T. 0.005 min
Lab File: BN023361.D
Acq: 23 Dec 2022 04:35



Tgt Ion:252 Resp: 343360
Ion Ratio Lower Upper
252 100
253 23.3 21.4 32.2
125 13.2 16.2 24.4





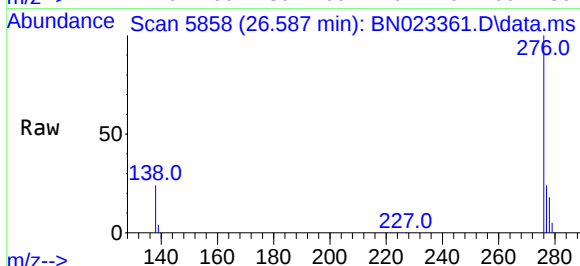
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.142 ng/ul
RT: 26.587 min Scan# 5856
Delta R.T. 0.009 min
Lab File: BN023361.D
Acq: 23 Dec 2022 04:35

Instrument :

BNA_N

ClientSampleId :

DBXQ2DL

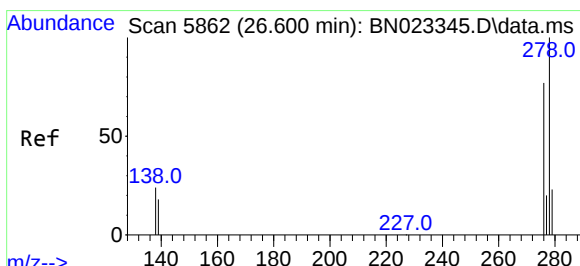
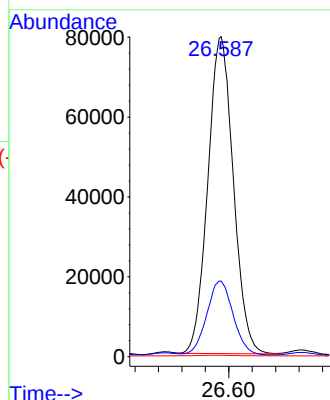
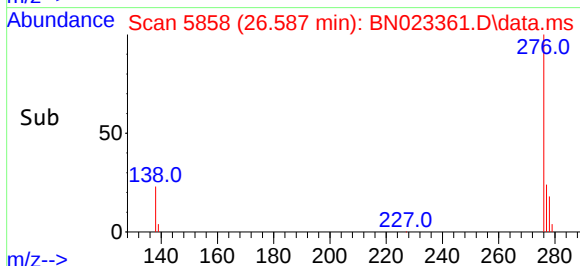


Tgt Ion:276 Resp: 23997
Ion Ratio Lower Upper
276 100
138 24.1 23.4 35.2
227 0.3 0.0 0.0

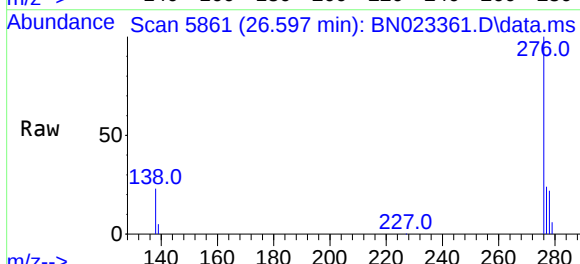
Manual Integrations

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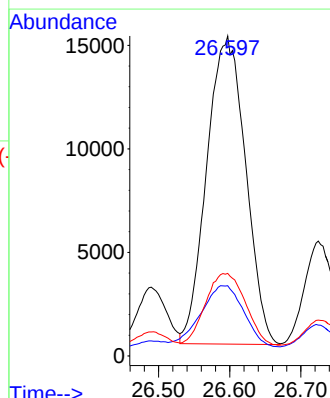
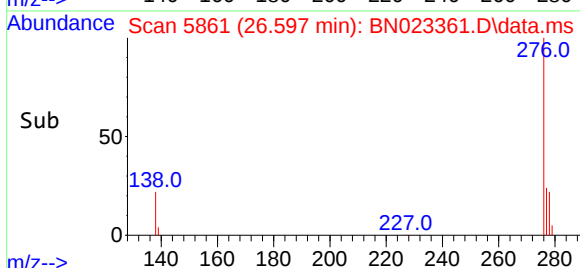
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

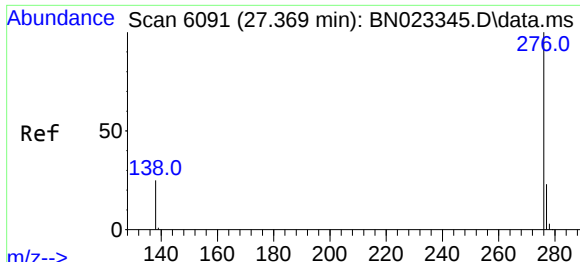


#28
Dibenzo(a,h)anthracene
Concen: 0.647 ng/ul
RT: 26.597 min Scan# 5861
Delta R.T. -0.004 min
Lab File: BN023361.D
Acq: 23 Dec 2022 04:35



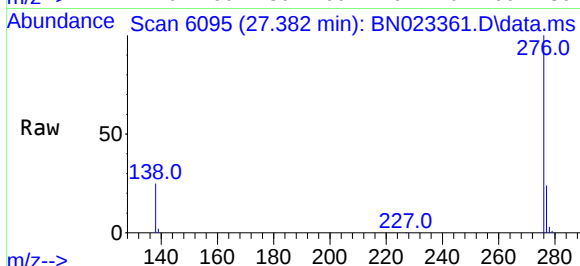
Tgt Ion:278 Resp: 56260
Ion Ratio Lower Upper
278 100
139 22.0 16.6 24.8
279 25.8 21.3 31.9





#29
 Benzo(g,h,i)perylene
 Concen: 2.057 ng/ul
 RT: 27.382 min Scan# 6095
 Delta R.T. 0.013 min
 Lab File: BN023361.D
 Acq: 23 Dec 2022 04:35

Instrument : BNA_N
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Tgt Ion: 276 Resp: 18786

Ion	Ratio	Lower	Upper
276	100		
138	24.7	20.3	30.5
277	23.9	19.7	29.5

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