

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023360.D
 Acq On : 23 Dec 2022 03:58
 Operator : CG/JU
 Sample : N6003-09DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXQ0DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 04:59:07 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	7445	0.400	ng/ul	0.00
4) Naphthalene-d8	10.814	136	24729	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.644	164	14734	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.393	188	35059	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	27492	0.400	ng/ul	0.00
23) Perylene-d12	24.031	264	21897	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	9116	1.127	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.398	152	2663	0.070	ng/ul	0.00
18) Fluoranthene-d10	19.419	212	6809	0.068	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.366	152	1854	0.028	ng/ul#	85
15) Phenanthrene	17.435	178	11947	0.105	ng/ul	98
16) Anthracene	17.524	178	1919	0.020	ng/ul#	84
19) Fluoranthene	19.451	202	43157	0.324	ng/ul	99
20) Pyrene	19.814	202	33966m	0.253	ng/ul	
21) Benzo(a)anthracene	21.561	228	16484	0.154	ng/ul	95
22) Chrysene	21.616	228	23002	0.211	ng/ul	97
24) Benzo(b)fluoranthene	23.279	252	30421m	0.269	ng/ul	
25) Benzo(k)fluoranthene	23.326	252	10343m	0.097	ng/ul	
26) Benzo(a)pyrene	23.917	252	15234	0.170	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.581	276	11685	0.112	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.601	278	2823	0.035	ng/ul#	30
29) Benzo(g,h,i)perylene	27.379	276	10133	0.119	ng/ul#	80

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

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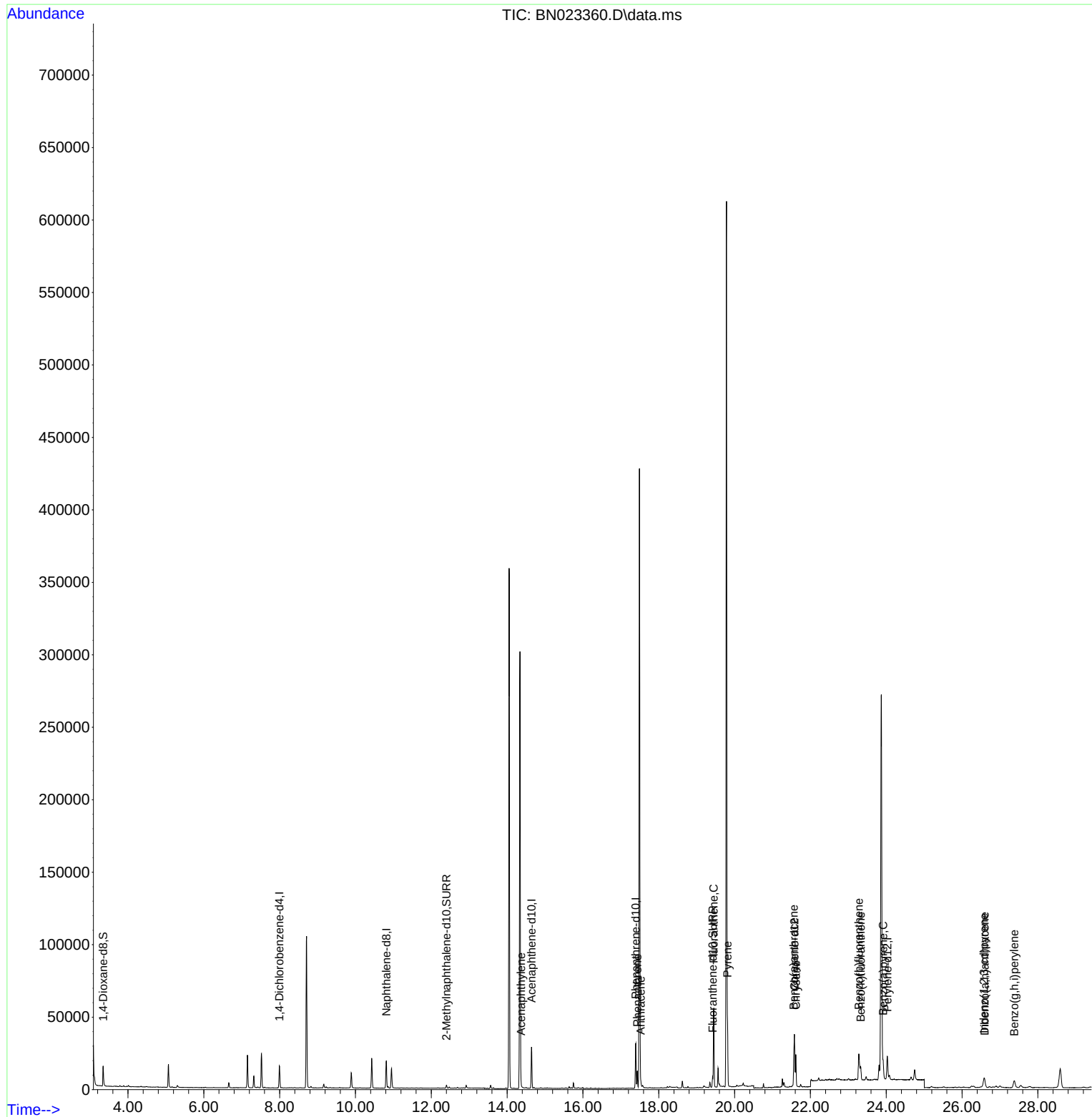
Quant Time: Dec 23 04:59:07 2022

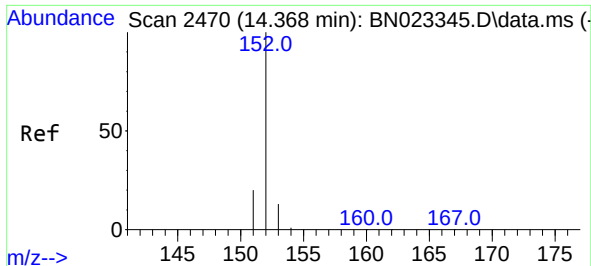
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Dec 22 02:28:40 2022

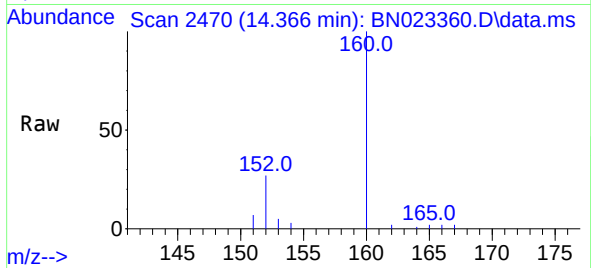
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.366 min Scan# 2470
Delta R.T. -0.002 min
Lab File: BN023360.D
Acq: 23 Dec 2022 03:58

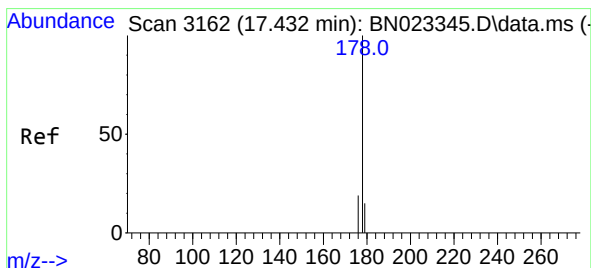
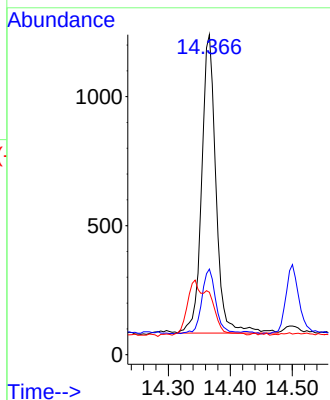
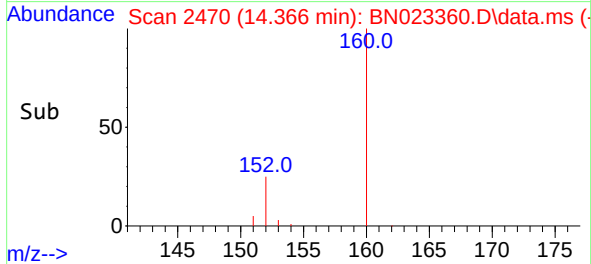
Instrument :
BNA_N
ClientSampleId :
DBXQ0DL



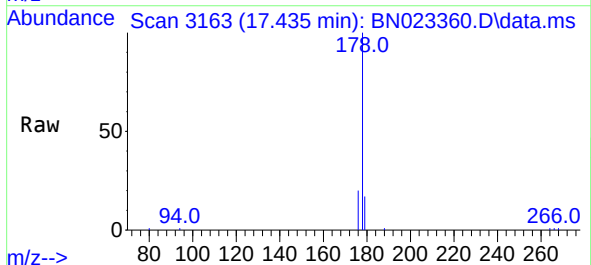
Tgt Ion:152 Resp: 1854
Ion Ratio Lower Upper
152 100
151 26.8 16.1 24.1
153 19.5 10.9 16.3

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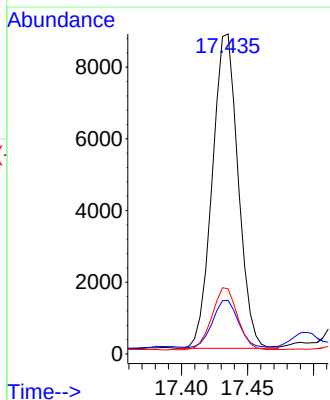
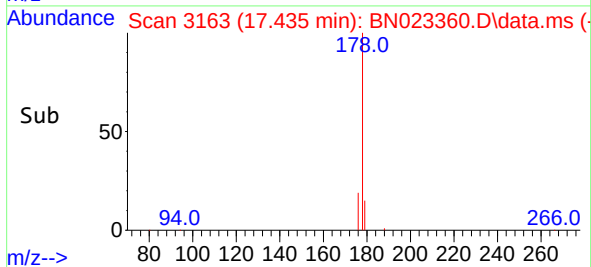
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

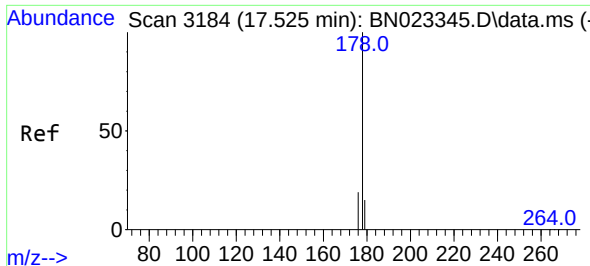


#15
Phenanthrene
Concen: 0.105 ng/ul
RT: 17.435 min Scan# 3163
Delta R.T. 0.002 min
Lab File: BN023360.D
Acq: 23 Dec 2022 03:58



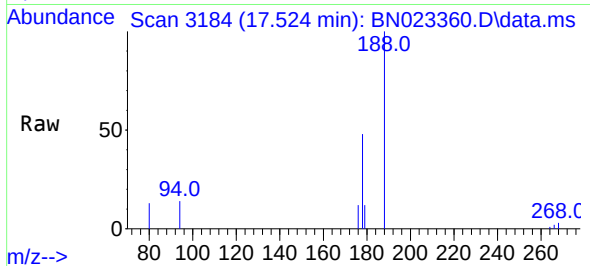
Tgt Ion:178 Resp: 11947
Ion Ratio Lower Upper
178 100
179 16.7 12.5 18.7
176 20.3 15.7 23.5





#16
 Anthracene
 Concen: 0.020 ng/u1
 RT: 17.524 min Scan# 3184
 Delta R.T. -0.002 min
 Lab File: BN023360.D
 Acq: 23 Dec 2022 03:58

Instrument :
 BNA_N
 ClientSampleId :
 DBXQ0DL

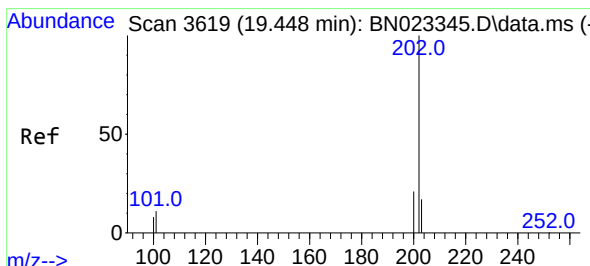
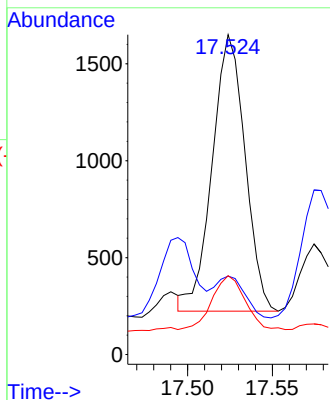
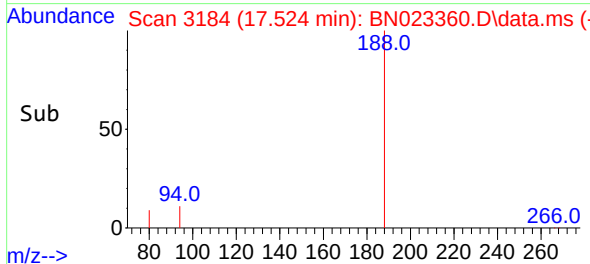


Tgt Ion:178 Resp: 1915

Ion	Ratio	Lower	Upper
178	100		
179	24.5	12.6	18.8
176	24.7	15.4	23.0

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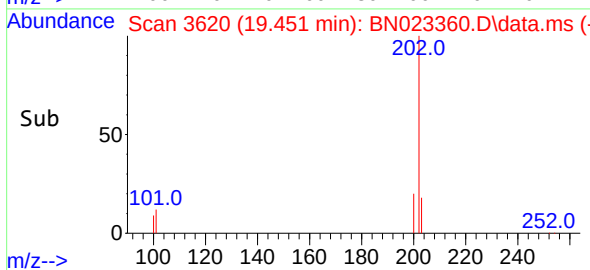
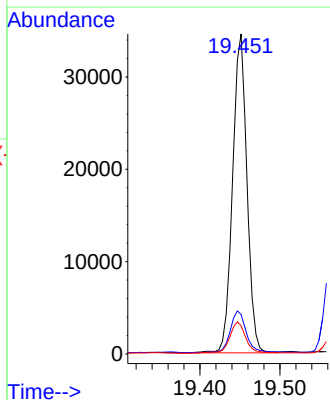
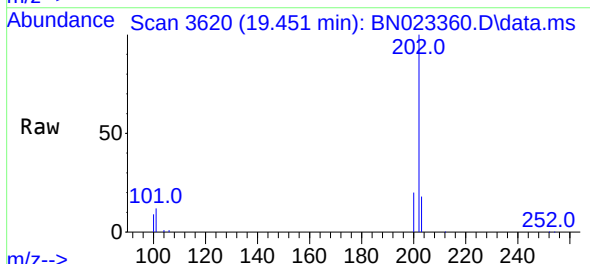
Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

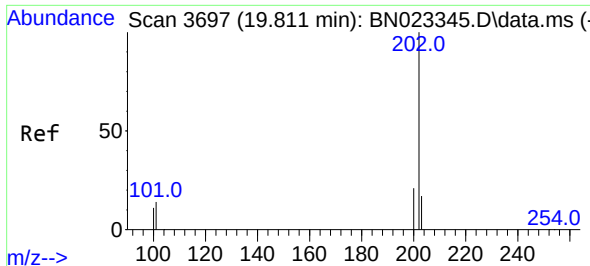


#19
 Fluoranthene
 Concen: 0.324 ng/u1
 RT: 19.451 min Scan# 3620
 Delta R.T. 0.002 min
 Lab File: BN023360.D
 Acq: 23 Dec 2022 03:58

Tgt Ion:202 Resp: 43157

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.4	14.2
100	8.9	7.0	10.6





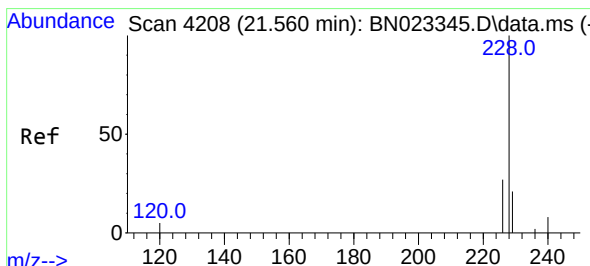
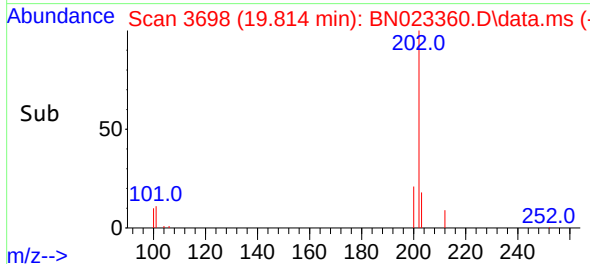
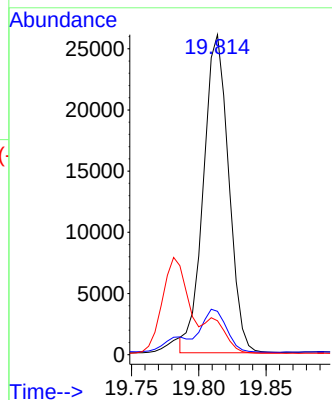
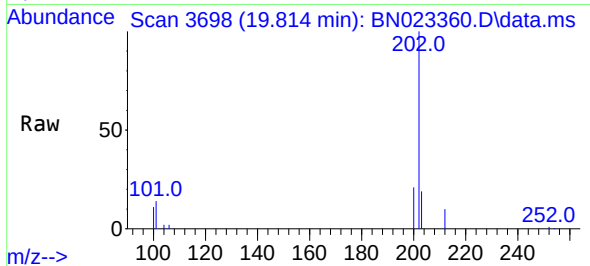
#20
Pyrene
Concen: 0.253 ng/ul m
RT: 19.814 min Scan# 3697
Delta R.T. 0.002 min
Lab File: BN023360.D
Acq: 23 Dec 2022 03:58

Instrument :
BNA_N
ClientSampleId :
DBXQ0DL

Tgt Ion:202 Resp: 33960
Ion Ratio Lower Upper
202 100
101 13.6 11.3 16.9
100 10.6 9.0 13.4

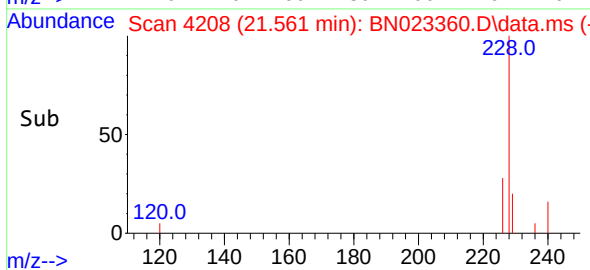
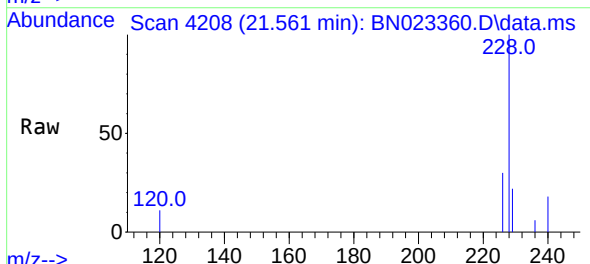
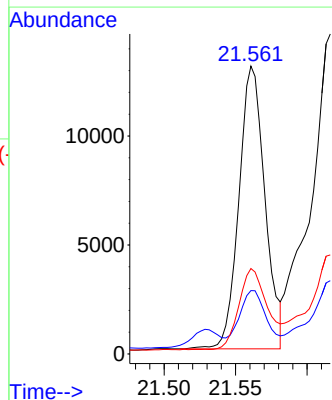
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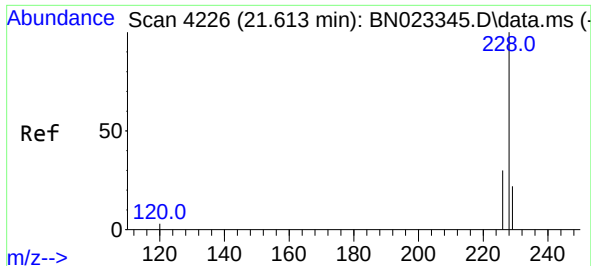
Reviewed By :Jagrut Upadhyay 12/23/2022
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#21
Benzo(a)anthracene
Concen: 0.154 ng/ul
RT: 21.561 min Scan# 4208
Delta R.T. -0.000 min
Lab File: BN023360.D
Acq: 23 Dec 2022 03:58

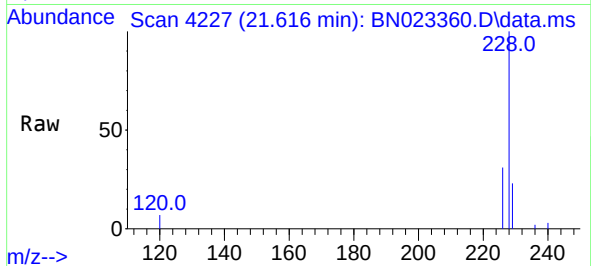
Tgt Ion:228 Resp: 16484
Ion Ratio Lower Upper
228 100
229 22.0 15.6 23.4
226 29.7 22.2 33.2





#22
Chrysene
Concen: 0.211 ng/ul
RT: 21.616 min Scan# 4227
Delta R.T. -0.000 min
Lab File: BN023360.D
Acq: 23 Dec 2022 03:58

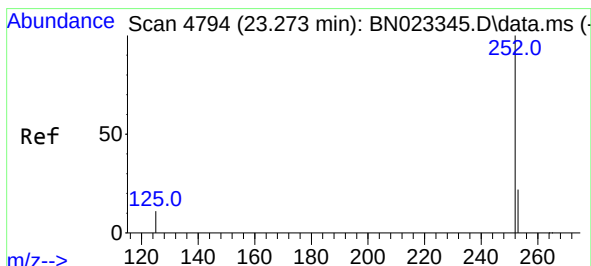
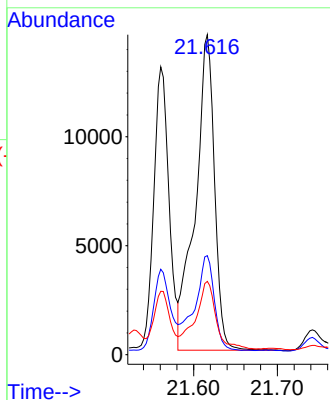
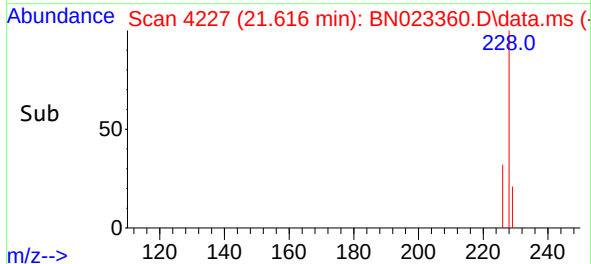
Instrument :
BNA_N
ClientSampleId :
DBXQ0DL



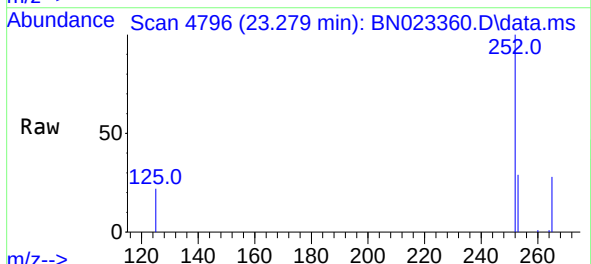
Tgt Ion:228 Resp: 23002
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 22.9 15.8 23.6

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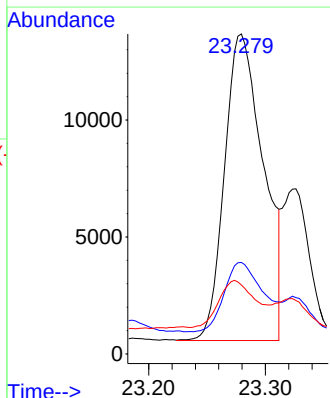
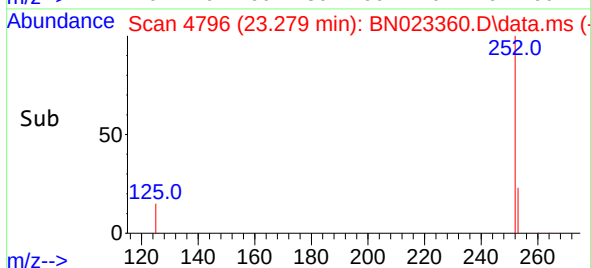
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

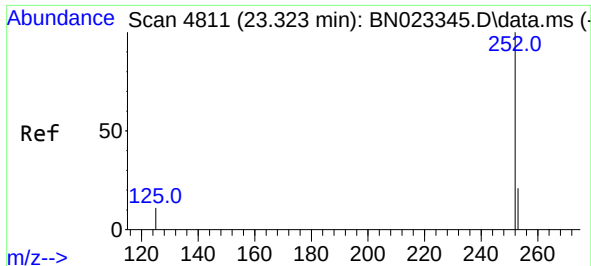


#24
Benzo(b)fluoranthene
Concen: 0.269 ng/ul m
RT: 23.279 min Scan# 4796
Delta R.T. 0.005 min
Lab File: BN023360.D
Acq: 23 Dec 2022 03:58



Tgt Ion:252 Resp: 30421
Ion Ratio Lower Upper
252 100
253 28.6 0.0 49.2
125 21.6 0.0 31.8





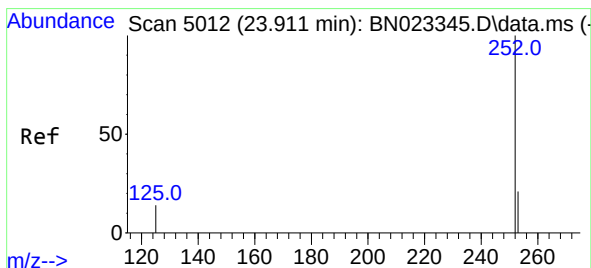
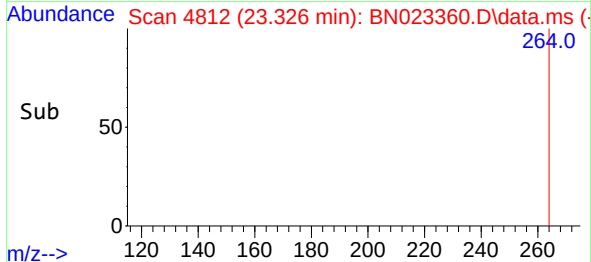
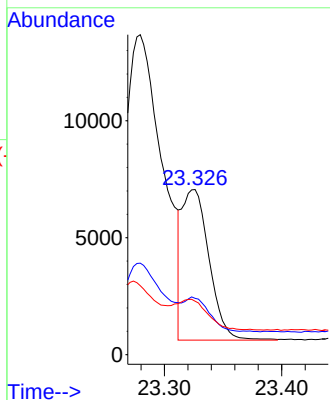
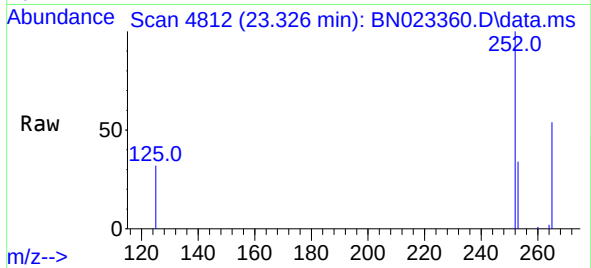
#25
Benzo(k)fluoranthene
Concen: 0.097 ng/ul m
RT: 23.326 min Scan# 4811
Delta R.T. 0.002 min
Lab File: BN023360.D
Acq: 23 Dec 2022 03:58

Instrument :
BNA_N
ClientSampleId :
DBXQ0DL

Tgt Ion:252 Resp: 1034
Ion Ratio Lower Upper
252 100
253 34.2 19.8 29.6
125 32.4 12.6 18.8

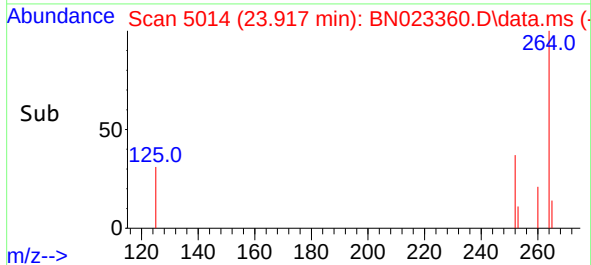
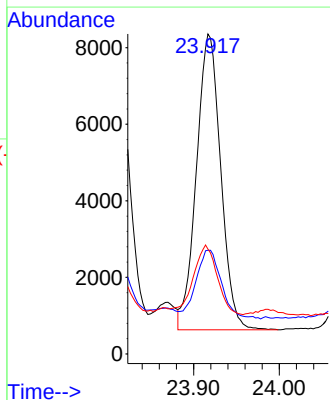
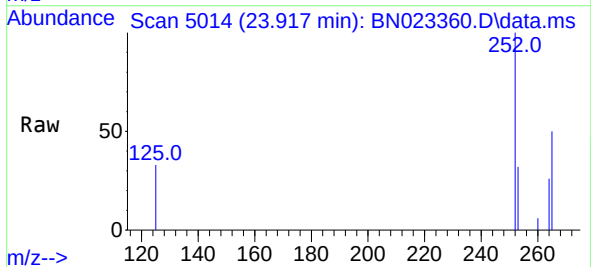
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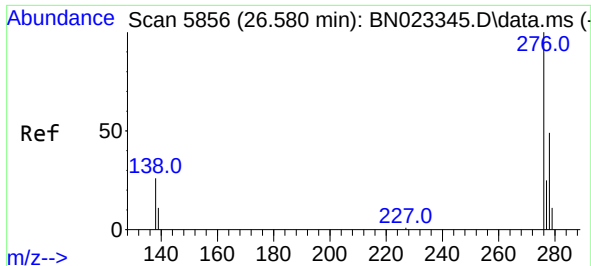
Reviewed By :Jagrut Upadhyay 12/23/2022
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#26
Benzo(a)pyrene
Concen: 0.170 ng/ul
RT: 23.917 min Scan# 5014
Delta R.T. 0.003 min
Lab File: BN023360.D
Acq: 23 Dec 2022 03:58

Tgt Ion:252 Resp: 15234
Ion Ratio Lower Upper
252 100
253 32.4 21.4 32.2#
125 32.7 16.2 24.4#





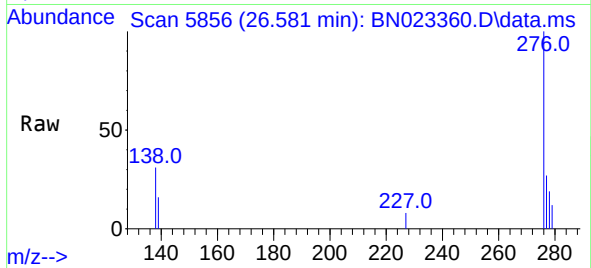
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Indeno(1,2,3-cd)pyrene
Concen: 0.112 ng/ul
RT: 26.581 min Scan# 5856
Delta R.T. 0.003 min
Lab File: BN023360.D
Acq: 23 Dec 2022 03:58

Instrument :

BNA_N

ClientSampleId :

DBXQ0DL

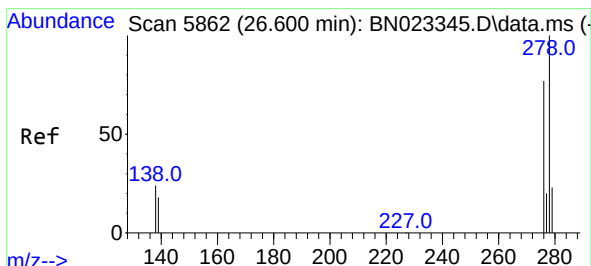
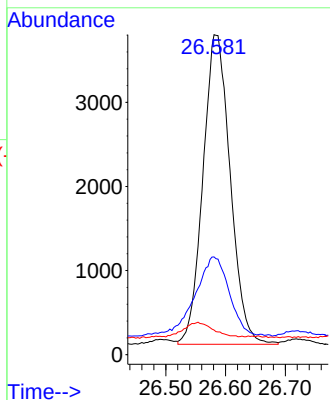
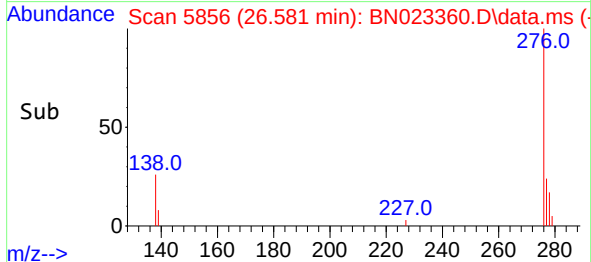


Tgt Ion:276 Resp: 1168
Ion Ratio Lower Upper
276 100
138 32.7 23.4 35.2
227 0.0 0.0 0.0

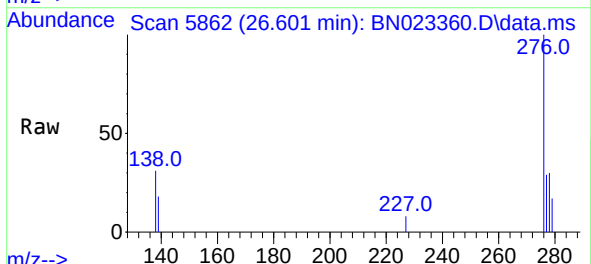
Manual Integrations

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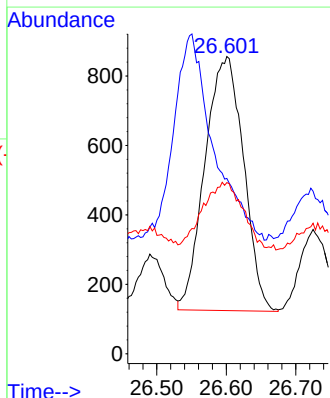
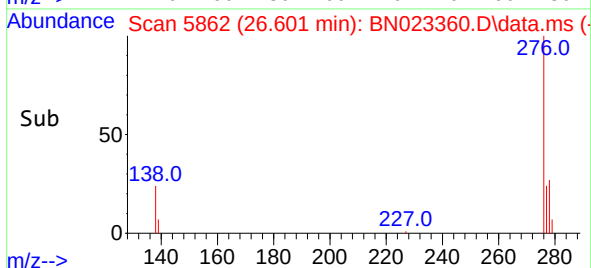
Reviewed By :Jagrut Upadhyay 12/23/2022
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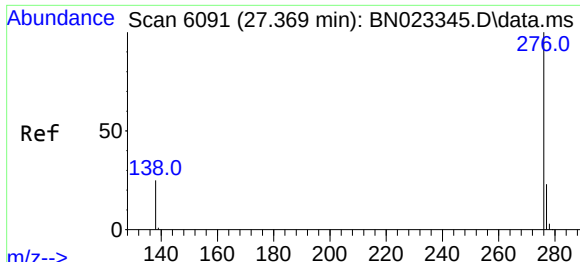


#28
Dibenzo(a,h)anthracene
Concen: 0.035 ng/ul
RT: 26.601 min Scan# 5862
Delta R.T. -0.000 min
Lab File: BN023360.D
Acq: 23 Dec 2022 03:58



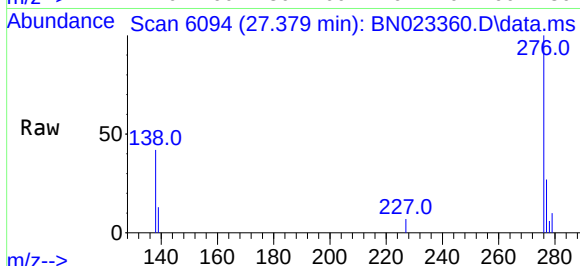
Tgt Ion:278 Resp: 2823
Ion Ratio Lower Upper
278 100
139 59.0 16.6 24.8#
279 57.6 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.119 ng/ul
 RT: 27.379 min Scan# 6094
 Delta R.T. 0.010 min
 Lab File: BN023360.D
 Acq: 23 Dec 2022 03:58

Instrument :
 BNA_N
 ClientSampleId :
 DBXQ0DL



Tgt Ion: 276 Resp: 1013
 Ion Ratio Lower Upper
 276 100
 138 42.4 20.3 30.5
 277 27.2 19.7 29.5

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