

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023422.D
 Acq On : 24 Dec 2022 22:02
 Operator : CG/JU
 Sample : N6018-01DL 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYH2DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 25 04:20:48 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	7.990	152	6144	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	20650	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.641	164	11999	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	27581	0.400	ng/ul	0.00
17) Chrysene-d12	21.575	240	18167	0.400	ng/ul	0.00
23) Perylene-d12	24.022	264	14302	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	4915	0.736	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.394	152	1695	0.053	ng/ul	-0.01
18) Fluoranthene-d10	19.416	212	3769	0.057	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.854	128	1216	0.020	ng/ul#	80
15) Phenanthrene	17.428	178	13242	0.147	ng/ul	98
16) Anthracene	17.521	178	1962	0.026	ng/ul#	85
19) Fluoranthene	19.444	202	37974	0.431	ng/ul	95
20) Pyrene	19.806	202	29496m	0.332	ng/ul	
21) Benzo(a)anthracene	21.558	228	13511	0.191	ng/ul	95
22) Chrysene	21.610	228	16884	0.235	ng/ul	96
24) Benzo(b)fluoranthene	23.273	252	21330m	0.288	ng/ul	
25) Benzo(k)fluoranthene	23.317	252	7409m	0.107	ng/ul	
26) Benzo(a)pyrene	23.911	252	12103	0.207	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	26.577	276	9354	0.137	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.590	278	2340	0.044	ng/ul#	13
29) Benzo(g,h,i)perylene	27.365	276	9165	0.164	ng/ul#	83

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

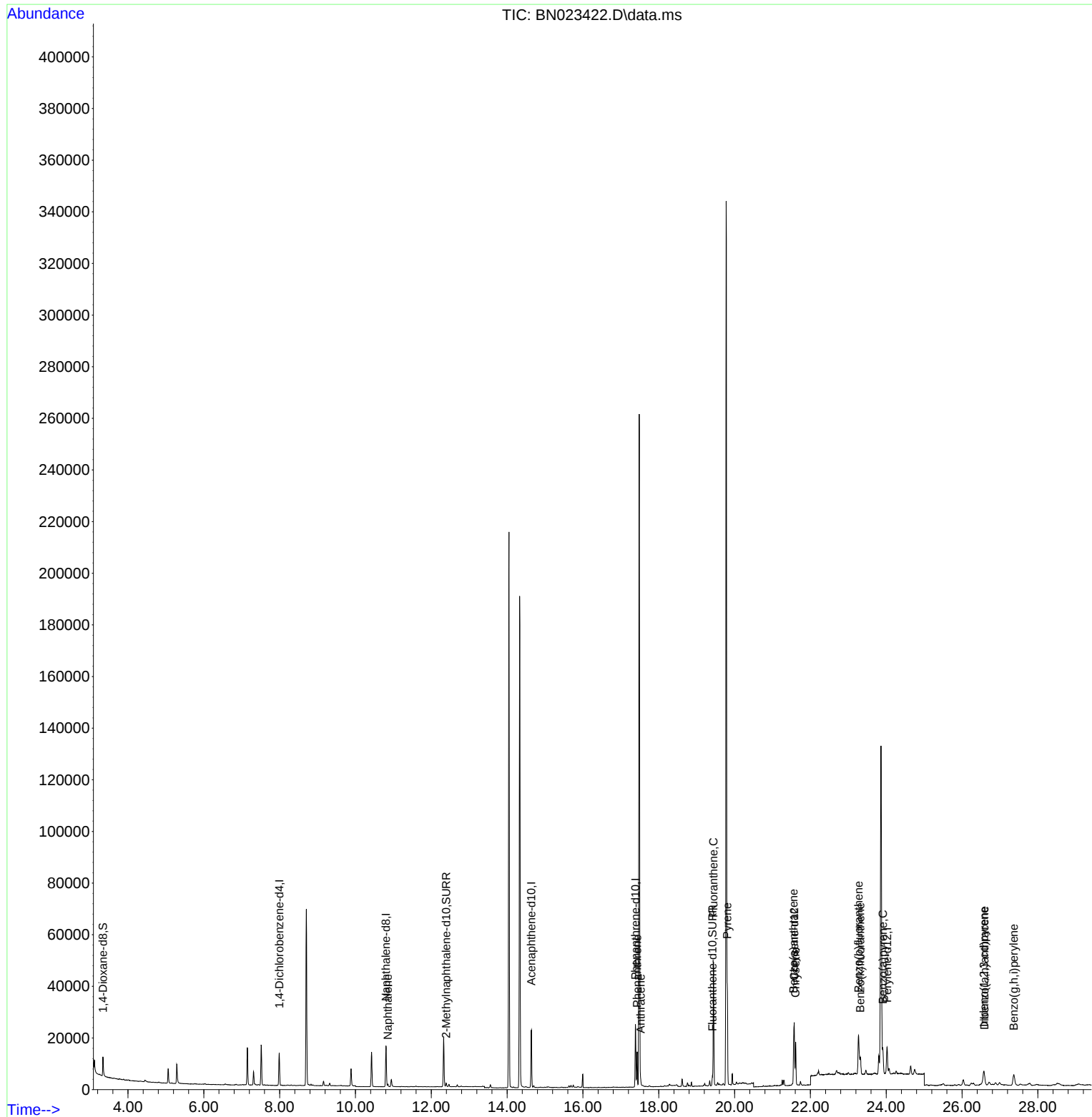
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023422.D
Acq On : 24 Dec 2022 22:02
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ALS Vial : 49 Sample Multiplier: 1

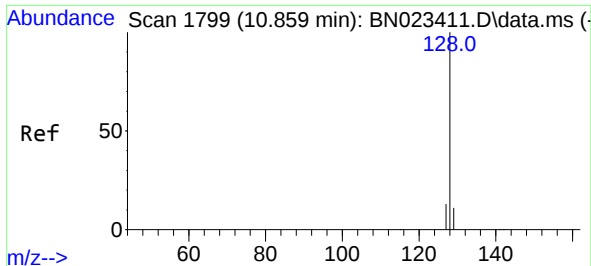
Instrument :
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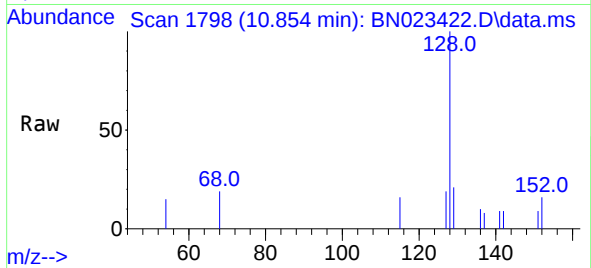
Quant Time: Dec 25 04:20:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.020 ng/u1
RT: 10.854 min Scan# 1798
Delta R.T. -0.011 min
Lab File: BN023422.D
Acq: 24 Dec 2022 22:02

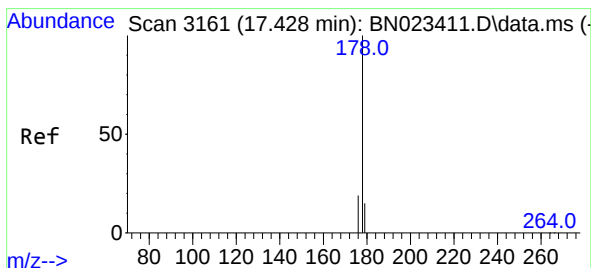
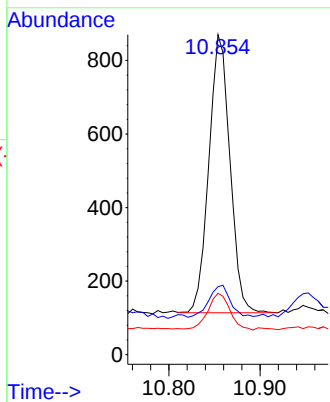
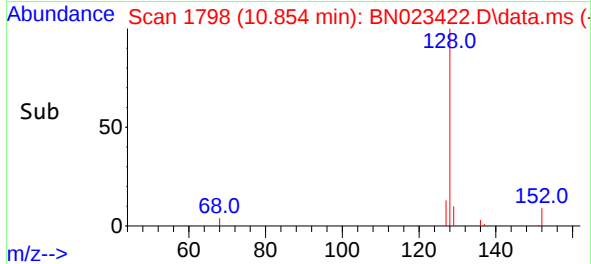
Instrument :
BNA_N
ClientSampleId :
DBYH2DL



Tgt Ion:128 Resp: 1210
Ion Ratio Lower Upper
128 100
129 21.3 9.0 13.4
127 19.2 10.7 16.1

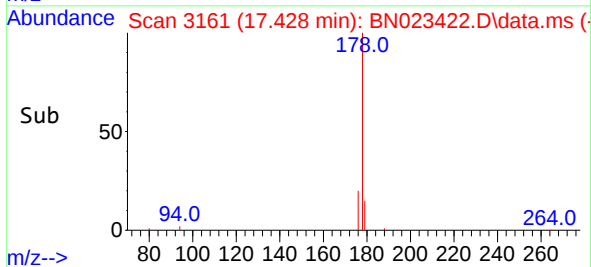
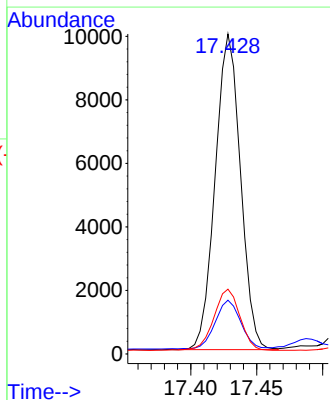
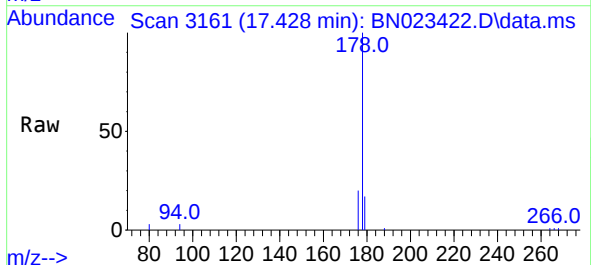
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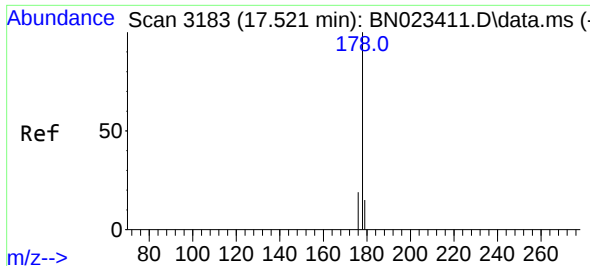
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#15
Phenanthrene
Concen: 0.147 ng/u1
RT: 17.428 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BN023422.D
Acq: 24 Dec 2022 22:02

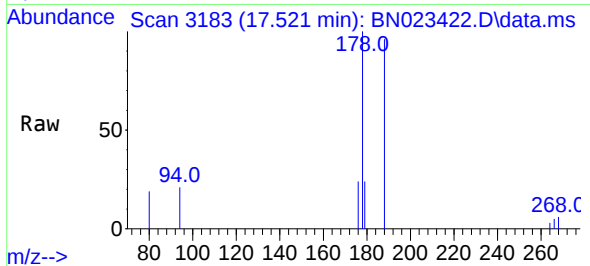
Tgt Ion:178 Resp: 13242
Ion Ratio Lower Upper
178 100
179 16.8 12.5 18.7
176 20.3 15.7 23.5





#16
 Anthracene
 Concen: 0.026 ng/ul
 RT: 17.521 min Scan# 3183
 Delta R.T. -0.005 min
 Lab File: BN023422.D
 Acq: 24 Dec 2022 22:02

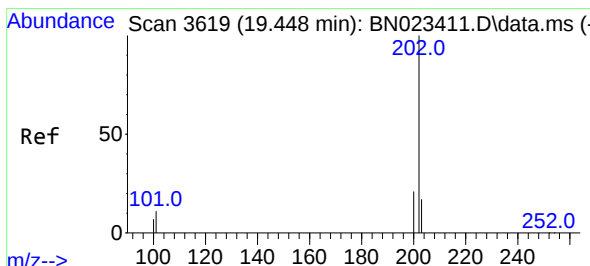
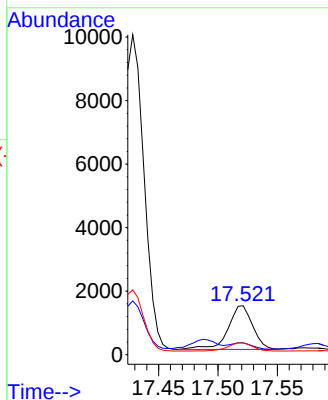
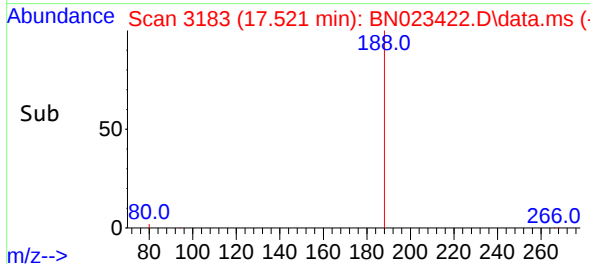
Instrument :
 BNA_N
 ClientSampleId :
 DBYH2DL



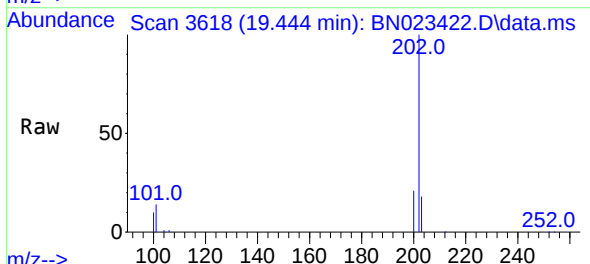
Tgt Ion:178 Resp: 1962
 Ion Ratio Lower Upper
 178 100
 179 24.1 12.6 18.8
 176 24.2 15.4 23.0

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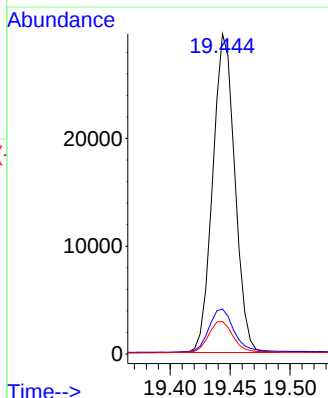
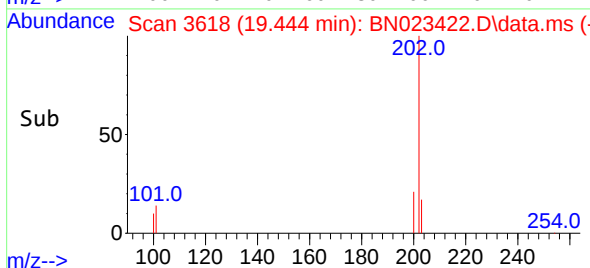
Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

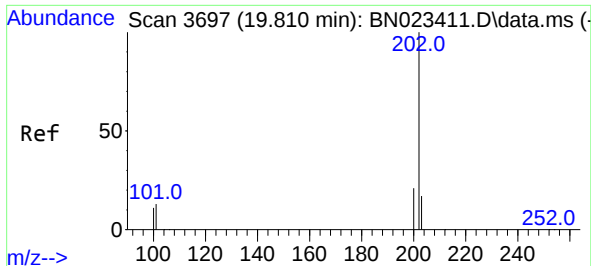


#19
 Fluoranthene
 Concen: 0.431 ng/ul
 RT: 19.444 min Scan# 3618
 Delta R.T. -0.005 min
 Lab File: BN023422.D
 Acq: 24 Dec 2022 22:02



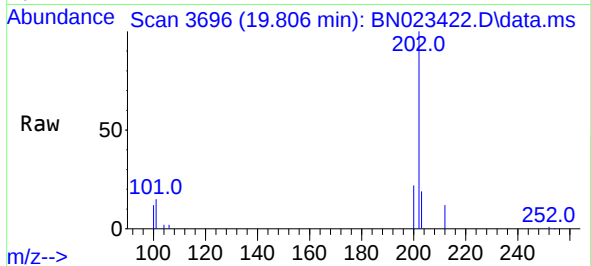
Tgt Ion:202 Resp: 37974
 Ion Ratio Lower Upper
 202 100
 101 14.0 9.4 14.2
 100 10.2 7.0 10.6





#20
Pyrene
Concen: 0.332 ng/ul m
RT: 19.806 min Scan# 3696
Delta R.T. -0.005 min
Lab File: BN023422.D
Acq: 24 Dec 2022 22:02

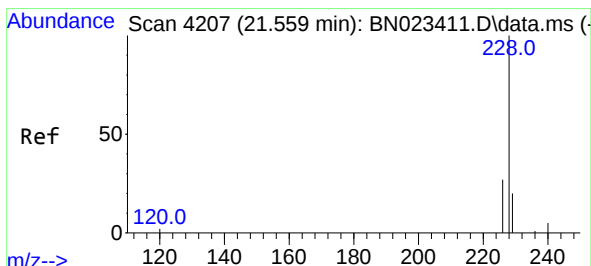
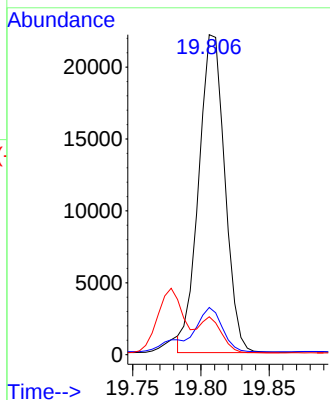
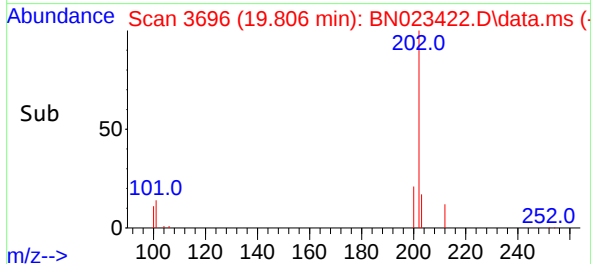
Instrument :
BNA_N
ClientSampleId :
DBYH2DL



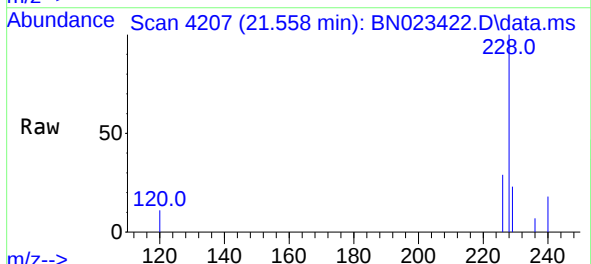
Tgt Ion:202 Resp: 29490
Ion Ratio Lower Upper
202 100
101 14.7 11.3 16.9
100 11.9 9.0 13.4

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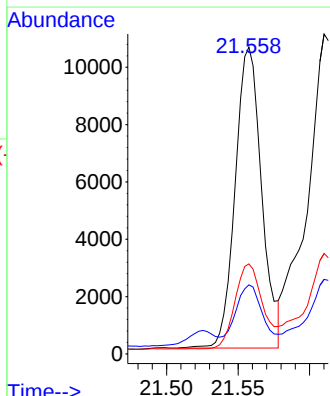
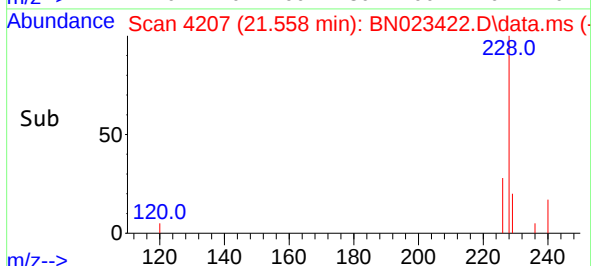
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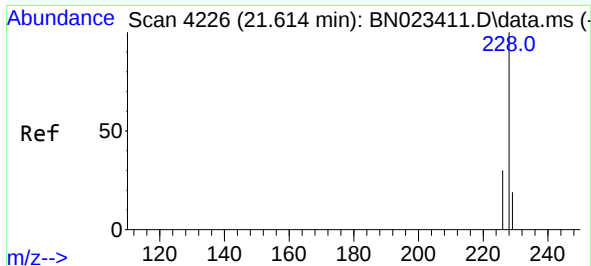


#21
Benzo(a)anthracene
Concen: 0.191 ng/ul
RT: 21.558 min Scan# 4207
Delta R.T. -0.004 min
Lab File: BN023422.D
Acq: 24 Dec 2022 22:02



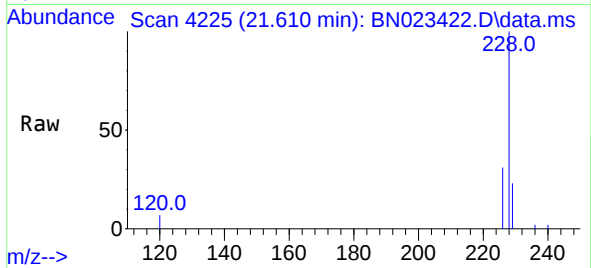
Tgt Ion:228 Resp: 13511
Ion Ratio Lower Upper
228 100
229 22.5 15.6 23.4
226 29.4 22.2 33.2





#22
Chrysene
Concen: 0.235 ng/ul
RT: 21.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN023422.D
Acq: 24 Dec 2022 22:02

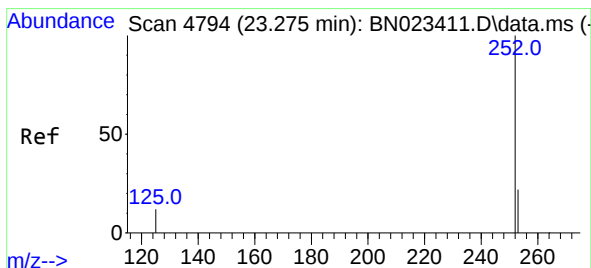
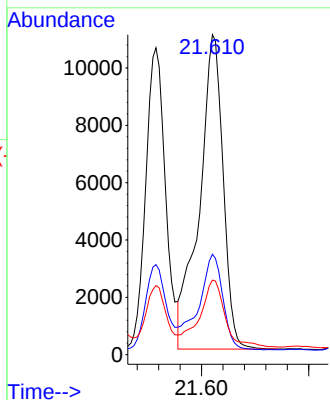
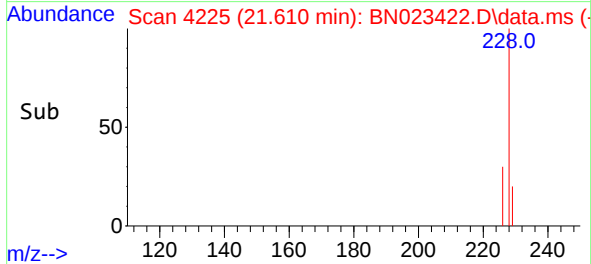
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BNA_N
ClientSampleId :
DBYH2DL



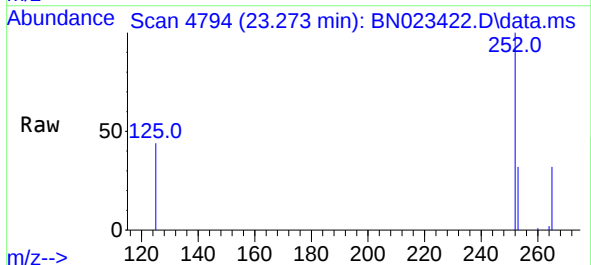
Tgt Ion:228 Resp: 16884
Ion Ratio Lower Upper
228 100
226 31.4 24.3 36.5
229 23.3 15.8 23.6

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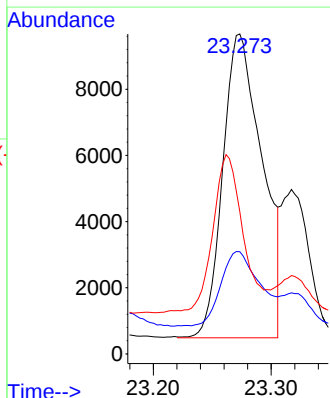
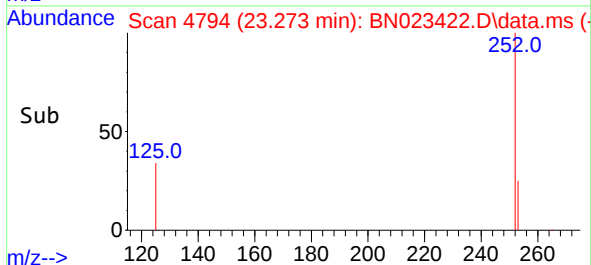
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Supervised By :Yogesh Patel 12/25/2022

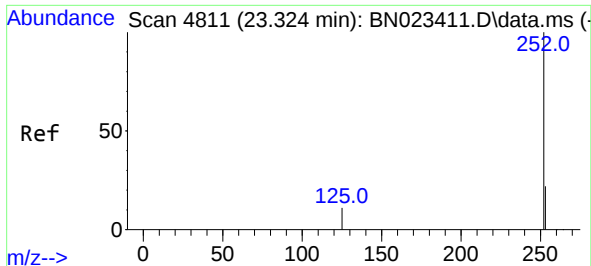


#24
Benzo(b)fluoranthene
Concen: 0.288 ng/ul m
RT: 23.273 min Scan# 4794
Delta R.T. -0.001 min
Lab File: BN023422.D
Acq: 24 Dec 2022 22:02



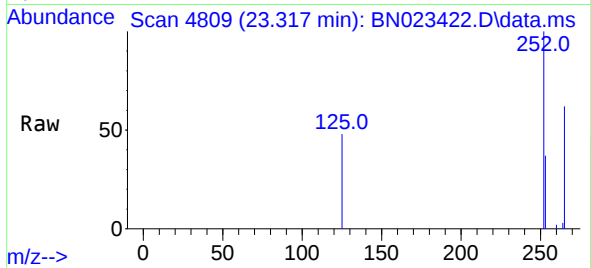
Tgt Ion:252 Resp: 21330
Ion Ratio Lower Upper
252 100
253 31.9 0.0 49.2
125 44.5 0.0 31.8#





#25
Benzo(k)fluoranthene
Concen: 0.107 ng/ul m
RT: 23.317 min Scan# 4811
Delta R.T. -0.007 min
Lab File: BN023422.D
Acq: 24 Dec 2022 22:02

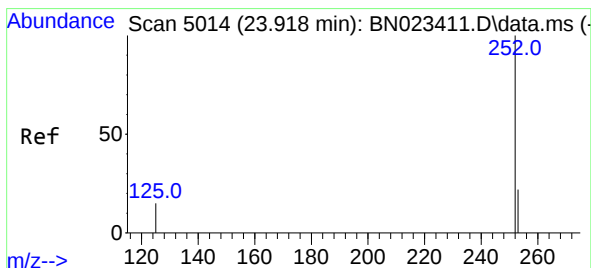
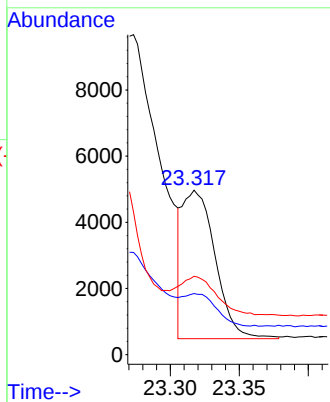
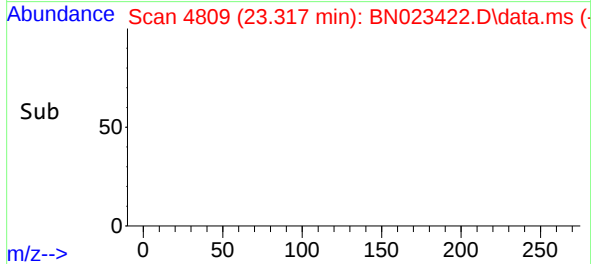
Instrument :
BNA_N
ClientSampleId :
DBYH2DL



Tgt Ion:252 Resp: 7409
Ion Ratio Lower Upper
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253 37.1 19.8 29.6#
125 47.6 12.6 18.8#

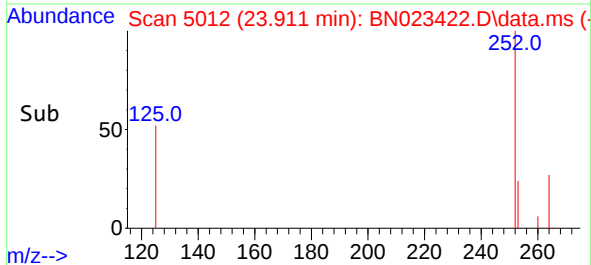
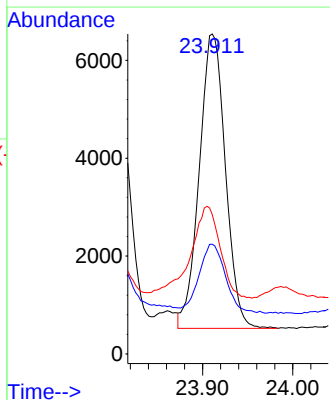
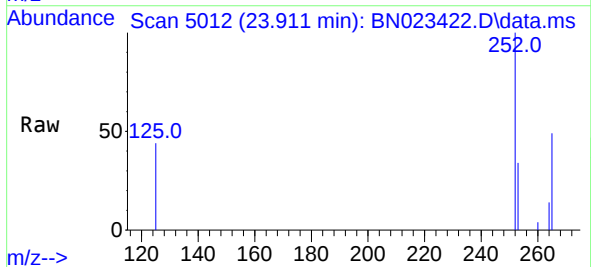
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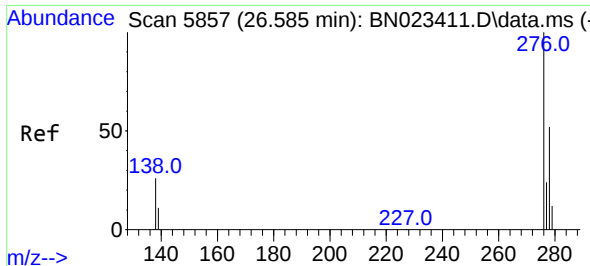
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#26
Benzo(a)pyrene
Concen: 0.207 ng/ul
RT: 23.911 min Scan# 5012
Delta R.T. -0.004 min
Lab File: BN023422.D
Acq: 24 Dec 2022 22:02

Tgt Ion:252 Resp: 12103
Ion Ratio Lower Upper
252 100
253 34.3 21.4 32.2#
125 43.6 16.2 24.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.137 ng/ul
RT: 26.577 min Scan# 5855
Delta R.T. -0.001 min
Lab File: BN023422.D
Acq: 24 Dec 2022 22:02

Instrument :

BNA_N

ClientSampleId :

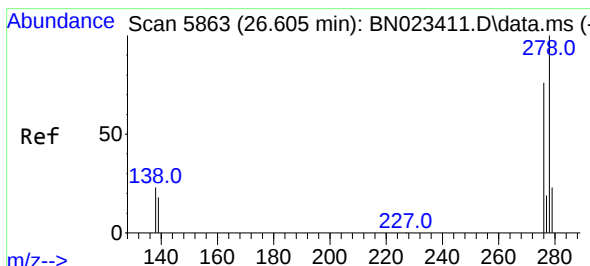
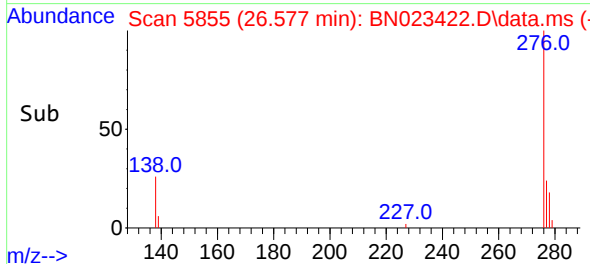
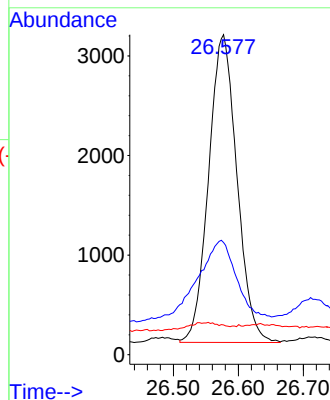
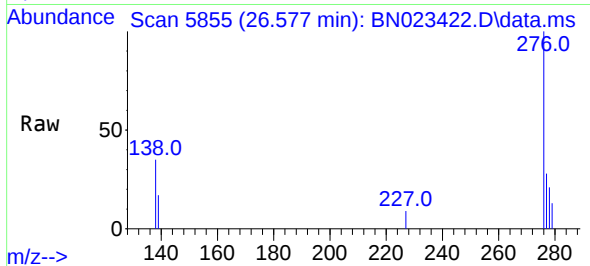
DBYH2DL

Tgt Ion:276 Resp: 9354
Ion Ratio Lower Upper
276 100
138 38.2 23.4 35.2#
227 0.0 0.0 0.0

Manual Integrations

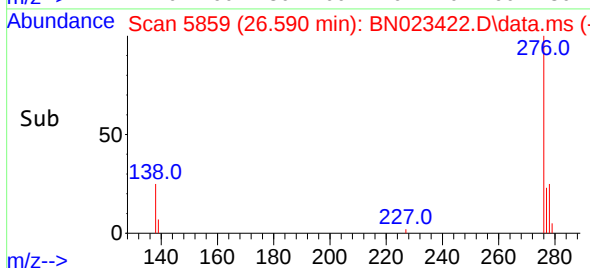
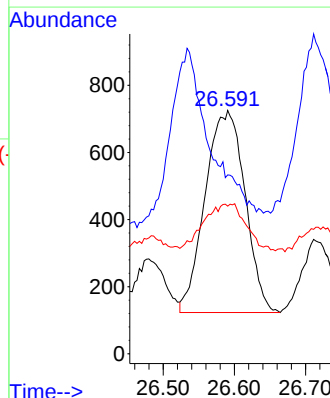
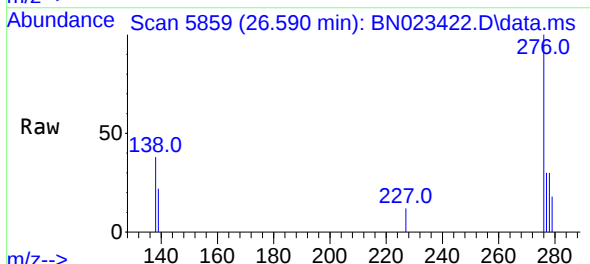
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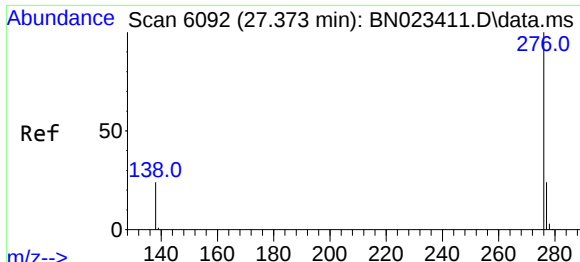
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#28
Dibenzo(a,h)anthracene
Concen: 0.044 ng/ul
RT: 26.590 min Scan# 5859
Delta R.T. -0.011 min
Lab File: BN023422.D
Acq: 24 Dec 2022 22:02

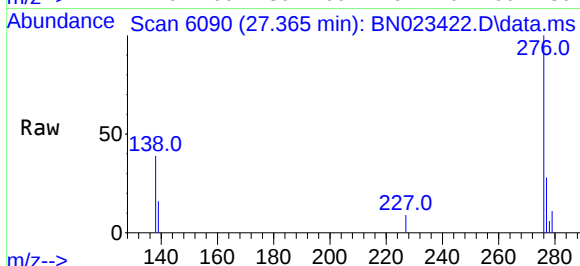
Tgt Ion:278 Resp: 2340
Ion Ratio Lower Upper
278 100
139 73.5 16.6 24.8#
279 60.7 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.164 ng/ul
 RT: 27.365 min Scan# 6090
 Delta R.T. -0.004 min
 Lab File: BN023422.D
 Acq: 24 Dec 2022 22:02

Instrument :
 BNA_N
 ClientSampleId :
 DBYH2DL



Tgt Ion: 276 Resp: 916

Ion	Ratio	Lower	Upper
276	100		
138	39.0	20.3	30.5
277	27.9	19.7	29.5

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