

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023413.D
 Acq On : 24 Dec 2022 16:39
 Operator : CG/JU
 Sample : N6015-13
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXW2

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 18:41:21 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	6446	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	21182	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.641	164	12444	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	29131	0.400	ng/ul	0.00
17) Chrysene-d12	21.575	240	20412	0.400	ng/ul	0.00
23) Perylene-d12	24.028	264	15983	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	37809	5.398	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.394	152	11875	0.362	ng/ul	-0.01
18) Fluoranthene-d10	19.416	212	27421	0.371	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.859	128	1251	0.020	ng/ul#	80
15) Phenanthrene	17.428	178	10484	0.111	ng/ul	96
19) Fluoranthene	19.448	202	34291	0.346	ng/ul	96
20) Pyrene	19.811	202	26653m	0.267	ng/ul	
21) Benzo(a)anthracene	21.560	228	14985	0.189	ng/ul	96
22) Chrysene	21.613	228	19036	0.236	ng/ul	96
24) Benzo(b)fluoranthene	23.276	252	27192m	0.329	ng/ul	
25) Benzo(k)fluoranthene	23.320	252	8594m	0.111	ng/ul	
26) Benzo(a)pyrene	23.919	252	15258	0.233	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.584	276	12887	0.169	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.590	278	3144	0.053	ng/ul#	30
29) Benzo(g,h,i)perylene	27.372	276	13235	0.213	ng/ul#	27

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

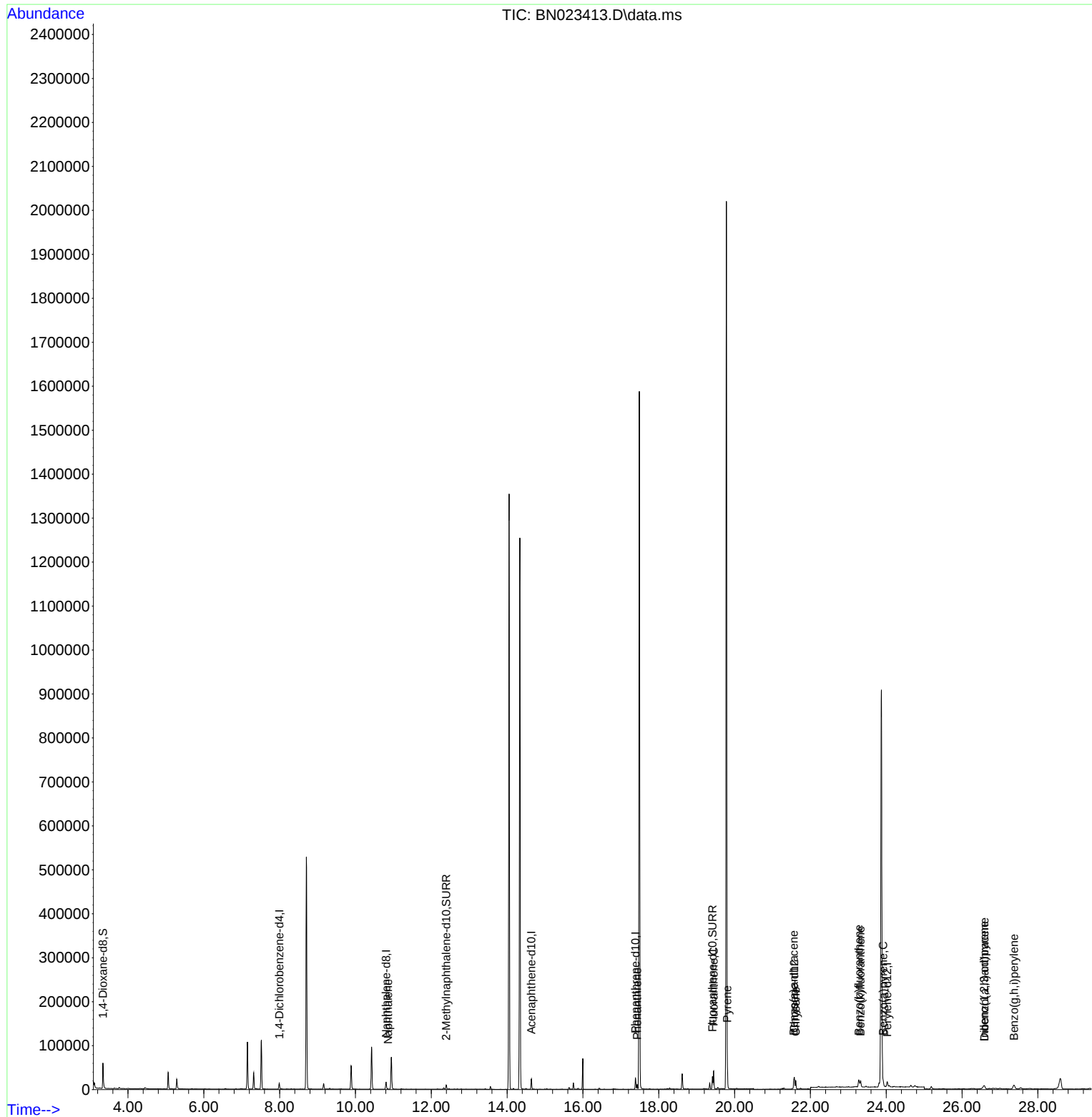
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023413.D
Acq On : 24 Dec 2022 16:39
Operator : CG/JU
Sample : N6015-13
Misc :
ALS Vial : 40 Sample Multiplier: 1

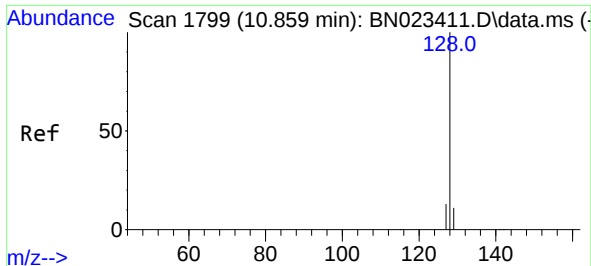
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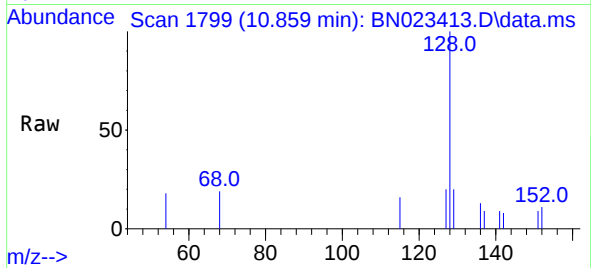
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.020 ng/uI
RT: 10.859 min Scan# 1799
Delta R.T. -0.005 min
Lab File: BN023413.D
Acq: 24 Dec 2022 16:39

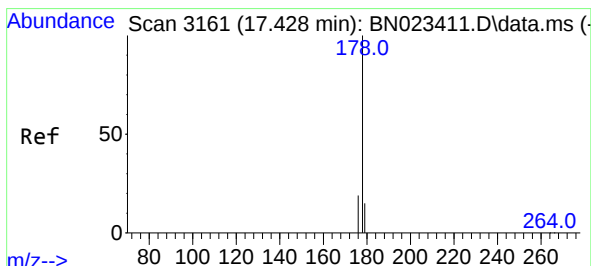
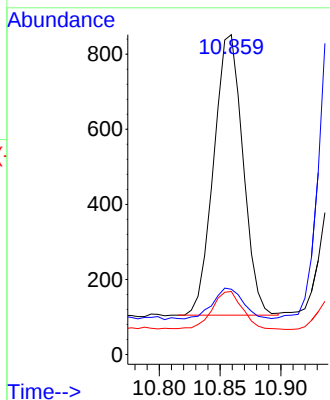
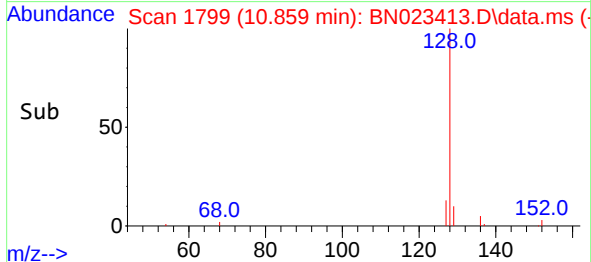
Instrument :
BNA_N
ClientSampleId :
DBXW2



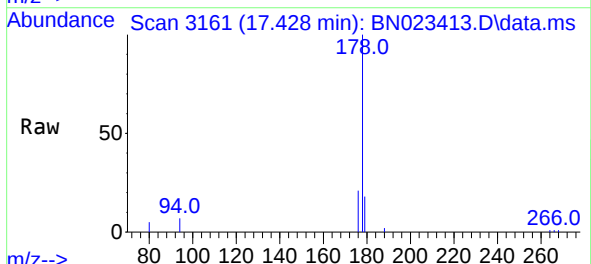
Tgt Ion:128 Resp: 125
Ion Ratio Lower Upper
128 100
129 20.4 9.0 13.4
127 19.7 10.7 16.1

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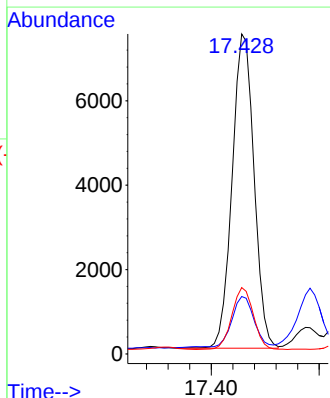
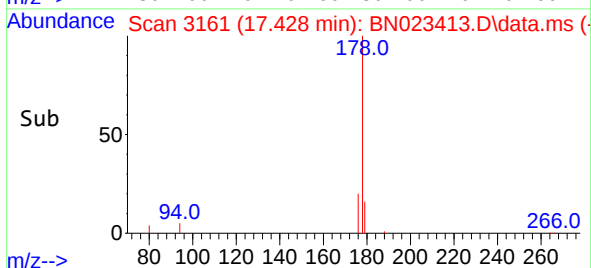
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

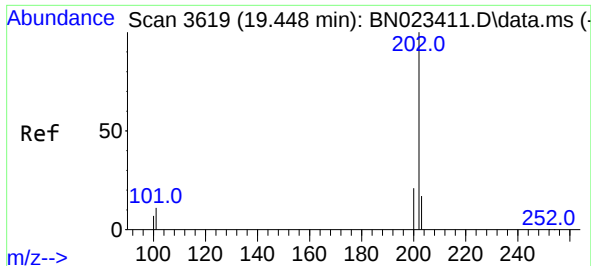


#15
Phenanthrene
Concen: 0.111 ng/uI
RT: 17.428 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BN023413.D
Acq: 24 Dec 2022 16:39



Tgt Ion:178 Resp: 10484
Ion Ratio Lower Upper
178 100
179 17.9 12.5 18.7
176 20.7 15.7 23.5





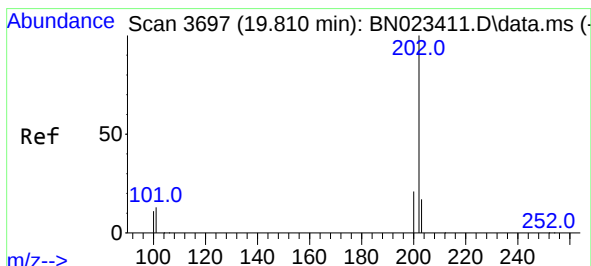
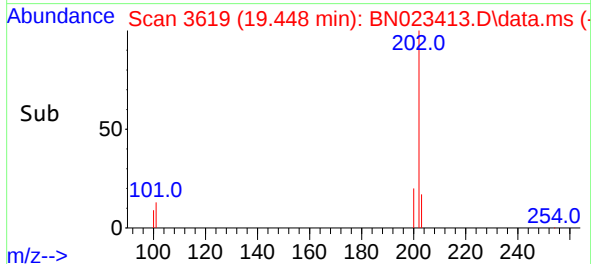
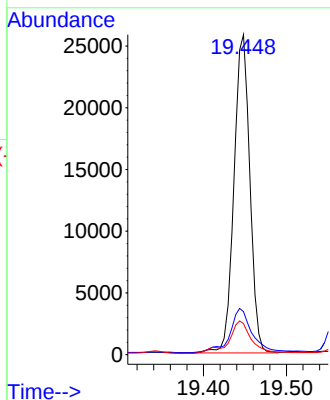
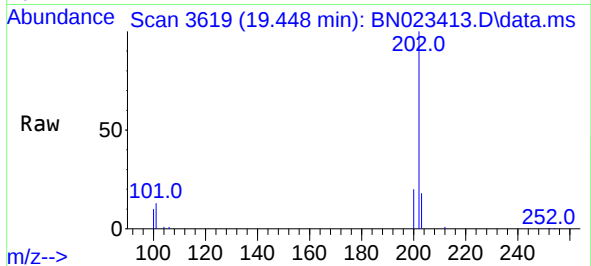
#19
Fluoranthene
Concen: 0.346 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023413.D
Acq: 24 Dec 2022 16:39

Instrument :
BNA_N
ClientSampleId :
DBXW2

Tgt Ion:202 Resp: 3429
Ion Ratio Lower Upper
202 100
101 13.5 9.4 14.2
100 9.7 7.0 10.6

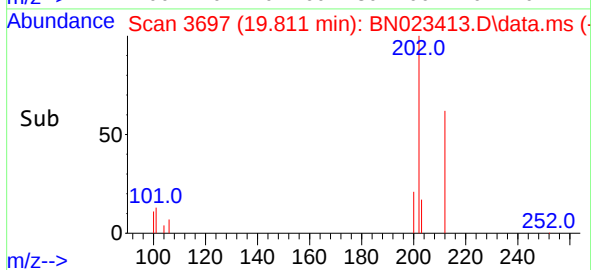
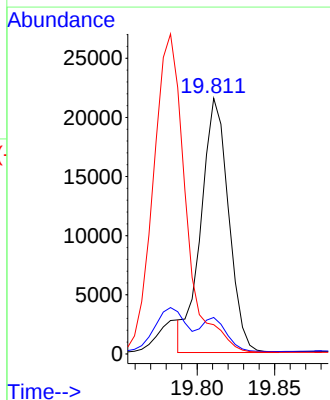
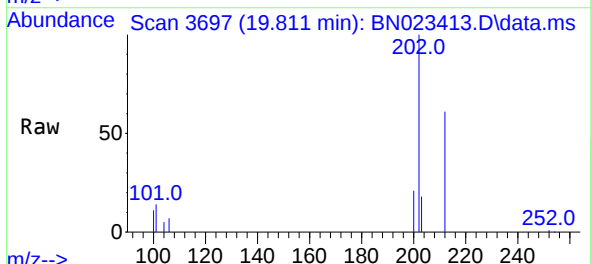
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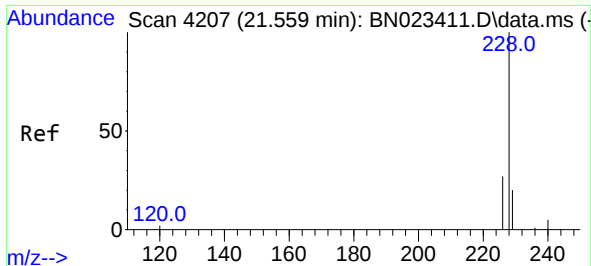
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#20
Pyrene
Concen: 0.267 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023413.D
Acq: 24 Dec 2022 16:39

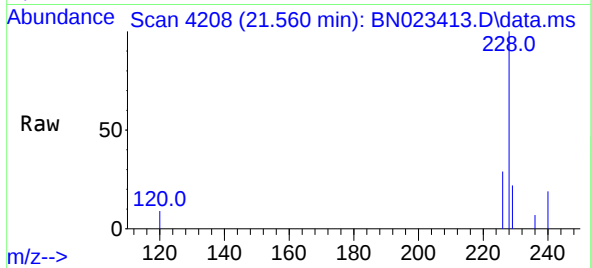
Tgt Ion:202 Resp: 26653
Ion Ratio Lower Upper
202 100
101 14.3 11.3 16.9
100 11.4 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.189 ng/u1
RT: 21.560 min Scan# 4208
Delta R.T. -0.001 min
Lab File: BN023413.D
Acq: 24 Dec 2022 16:39

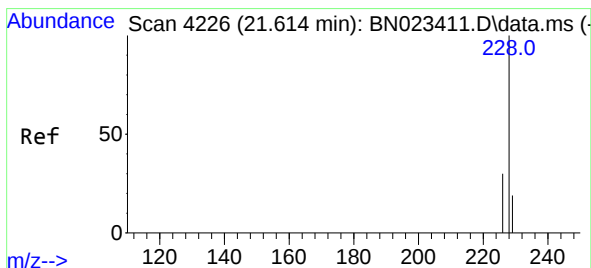
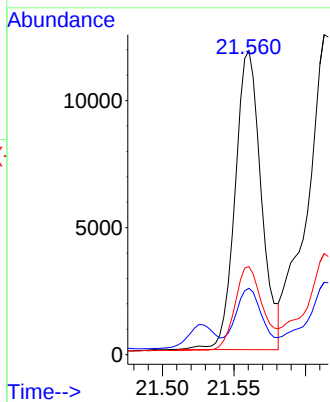
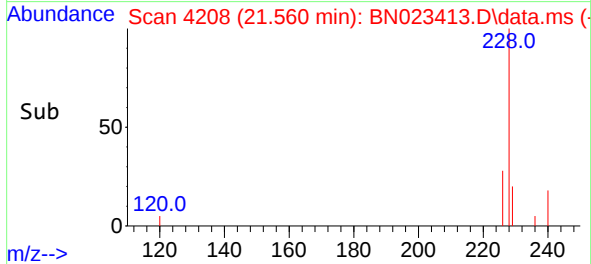
Instrument :
BNA_N
ClientSampleId :
DBXW2



Tgt Ion:228 Resp: 14985
Ion Ratio Lower Upper
228 100
229 21.9 15.6 23.4
226 29.0 22.2 33.2

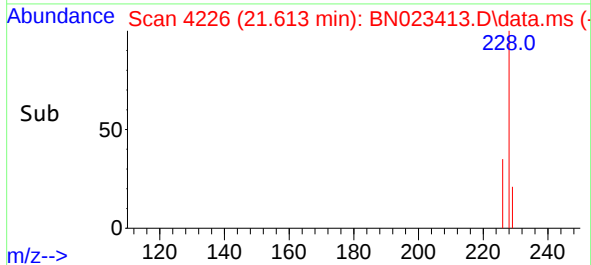
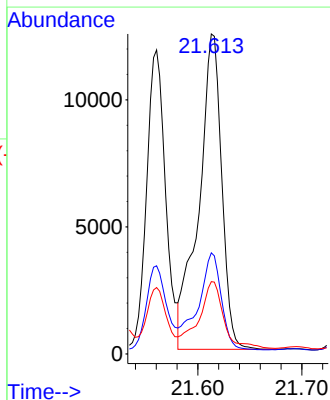
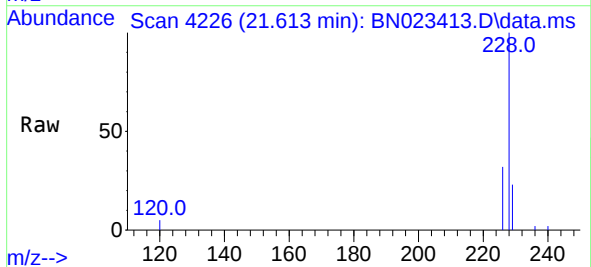
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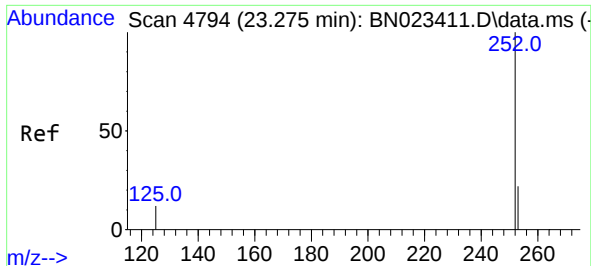
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#22
Chrysene
Concen: 0.236 ng/u1
RT: 21.613 min Scan# 4226
Delta R.T. -0.004 min
Lab File: BN023413.D
Acq: 24 Dec 2022 16:39

Tgt Ion:228 Resp: 19036
Ion Ratio Lower Upper
228 100
226 31.6 24.3 36.5
229 22.6 15.8 23.6





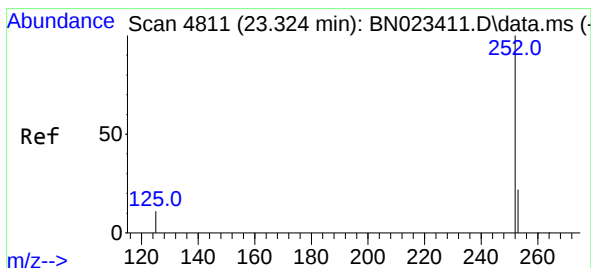
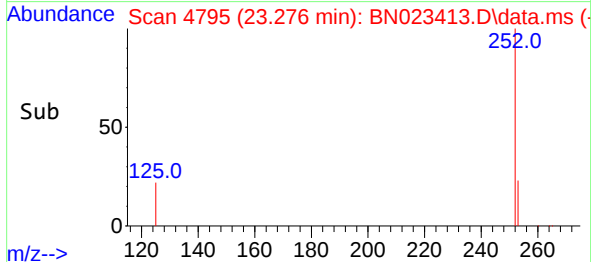
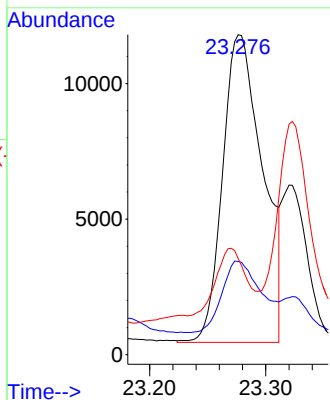
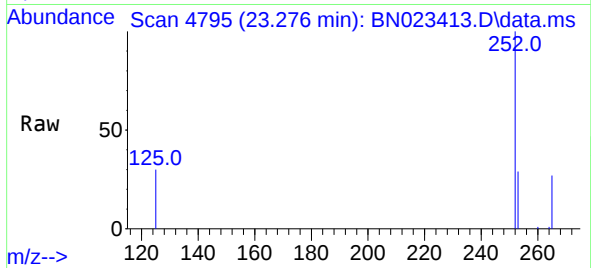
#24
Benzo(b)fluoranthene
Concen: 0.329 ng/ul m
RT: 23.276 min Scan# 4794
Delta R.T. 0.002 min
Lab File: BN023413.D
Acq: 24 Dec 2022 16:39

Instrument :
BNA_N
ClientSampleId :
DBXW2

Tgt Ion:252 Resp: 27192
Ion Ratio Lower Upper
252 100
253 29.2 0.0 49.2
125 30.0 0.0 31.8

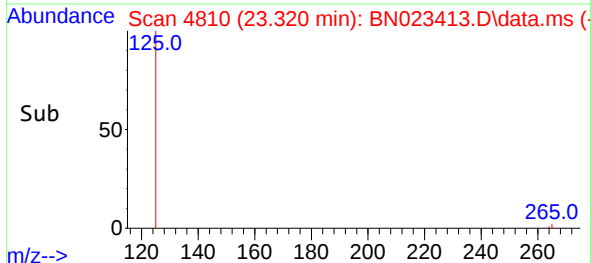
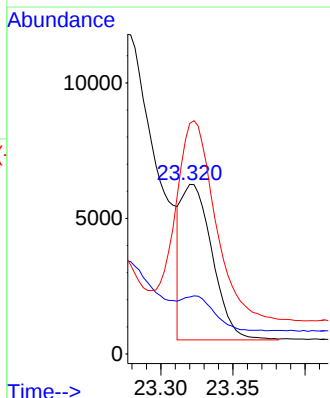
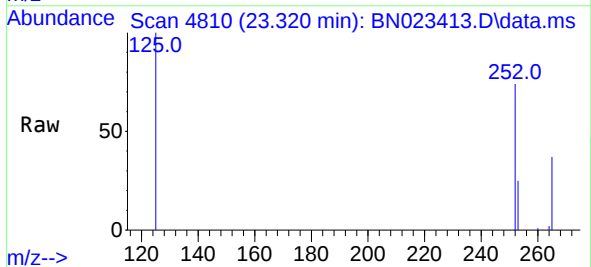
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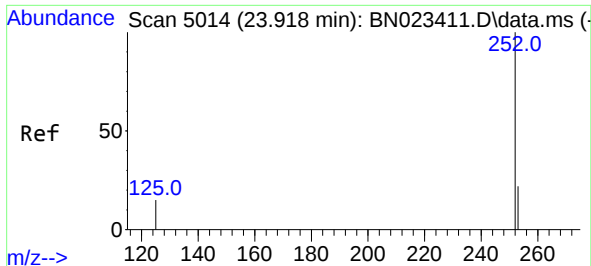
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#25
Benzo(k)fluoranthene
Concen: 0.111 ng/ul m
RT: 23.320 min Scan# 4810
Delta R.T. -0.004 min
Lab File: BN023413.D
Acq: 24 Dec 2022 16:39

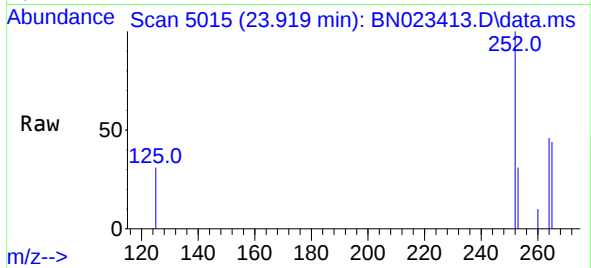
Tgt Ion:252 Resp: 8594
Ion Ratio Lower Upper
252 100
253 33.6 19.8 29.6#
125 136.0 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.233 ng/ul
RT: 23.919 min Scan# 5015
Delta R.T. 0.005 min
Lab File: BN023413.D
Acq: 24 Dec 2022 16:39

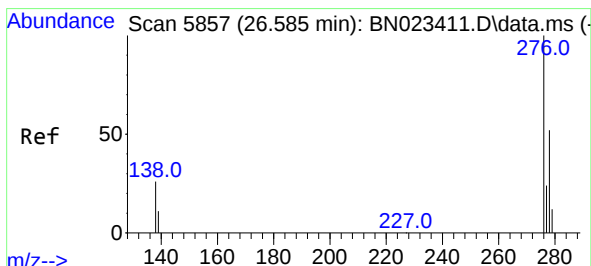
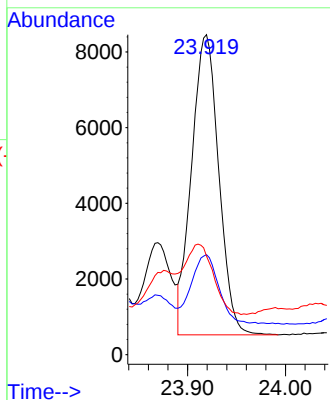
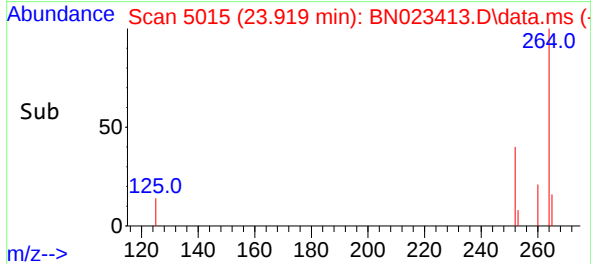
Instrument :
BNA_N
ClientSampleId :
DBXW2



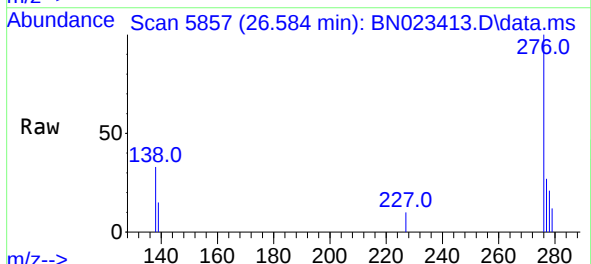
Tgt Ion:252 Resp: 15258
Ion Ratio Lower Upper
252 100
253 31.2 21.4 32.2
125 30.8 16.2 24.4

Manual Integrations
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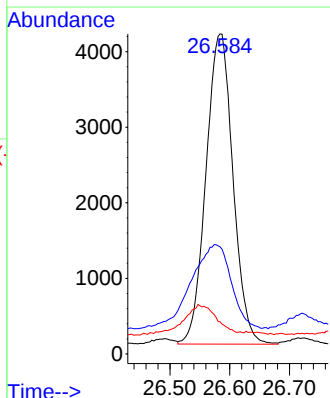
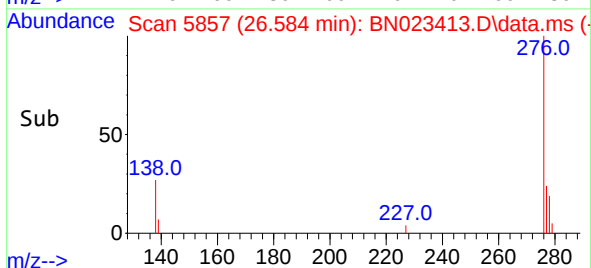
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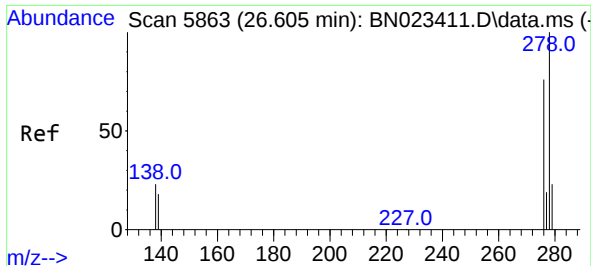


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.169 ng/ul
RT: 26.584 min Scan# 5857
Delta R.T. 0.006 min
Lab File: BN023413.D
Acq: 24 Dec 2022 16:39



Tgt Ion:276 Resp: 12887
Ion Ratio Lower Upper
276 100
138 40.2 23.4 35.2#
227 0.0 0.0 0.0





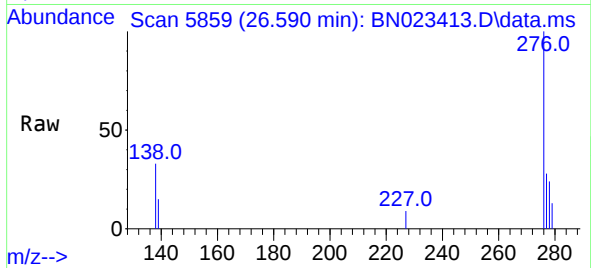
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Dibenzo(a,h)anthracene
Concen: 0.053 ng/ul
RT: 26.590 min Scan# 5859
Delta R.T. -0.011 min
Lab File: BN023413.D
Acq: 24 Dec 2022 16:39

Instrument :

BNA_N

ClientSampleId :

DBXW2

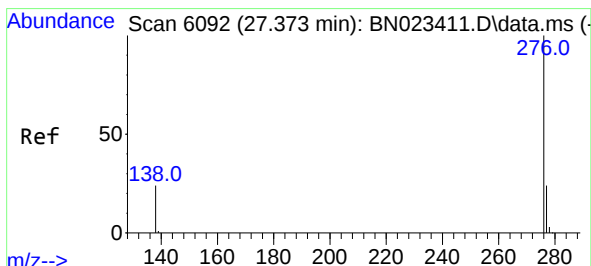
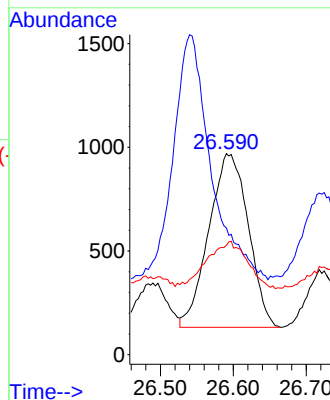
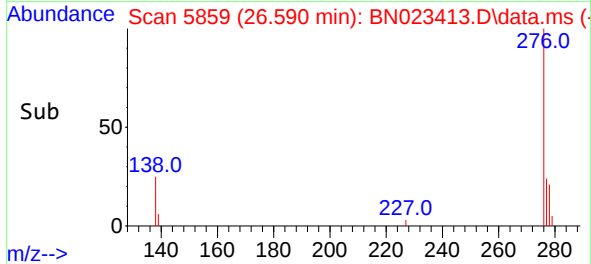


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Ion Ratio Lower Upper
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139 63.0 16.6 24.8
279 54.4 21.3 31.9

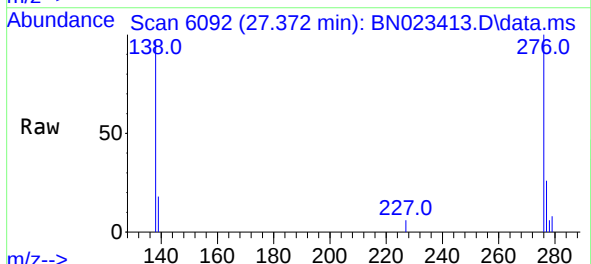
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#29
Benzo(g,h,i)perylene
Concen: 0.213 ng/ul
RT: 27.372 min Scan# 6092
Delta R.T. 0.003 min
Lab File: BN023413.D
Acq: 24 Dec 2022 16:39



Tgt Ion:276 Resp: 13235
Ion Ratio Lower Upper
276 100
138 96.7 20.3 30.5
277 26.1 19.7 29.5

