

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023385.D
 Acq On : 23 Dec 2022 23:17
 Operator : CG/JU
 Sample : N6008-21DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXY3DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/24/2022
 Supervised By :Yogesh Patel 12/24/2022

Quant Time: Dec 24 03:08:38 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	8422	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	28085	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.641	164	16296	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	37482	0.400	ng/ul	0.00
17) Chrysene-d12	21.575	240	24838	0.400	ng/ul	0.00
23) Perylene-d12	24.025	264	19383	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.349	96	2476	0.271	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	2499	0.058	ng/ul	0.00
18) Fluoranthene-d10	19.416	212	6603	0.074	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.363	152	3032	0.042	ng/ul#	93
15) Phenanthrene	17.428	178	6701	0.055	ng/ul#	95
16) Anthracene	17.521	178	3013	0.030	ng/ul#	89
19) Fluoranthene	19.448	202	28742	0.239	ng/ul	99
20) Pyrene	19.811	202	26622m	0.219	ng/ul	
21) Benzo(a)anthracene	21.560	228	15454	0.160	ng/ul	95
22) Chrysene	21.613	228	17475	0.178	ng/ul	96
24) Benzo(b)fluoranthene	23.276	252	25862m	0.258	ng/ul	
25) Benzo(k)fluoranthene	23.320	252	8590m	0.091	ng/ul	
26) Benzo(a)pyrene	23.913	252	14011	0.177	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.574	276	11115	0.120	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.587	278	2928	0.041	ng/ul#	44
29) Benzo(g,h,i)perylene	27.365	276	11061	0.146	ng/ul#	92

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

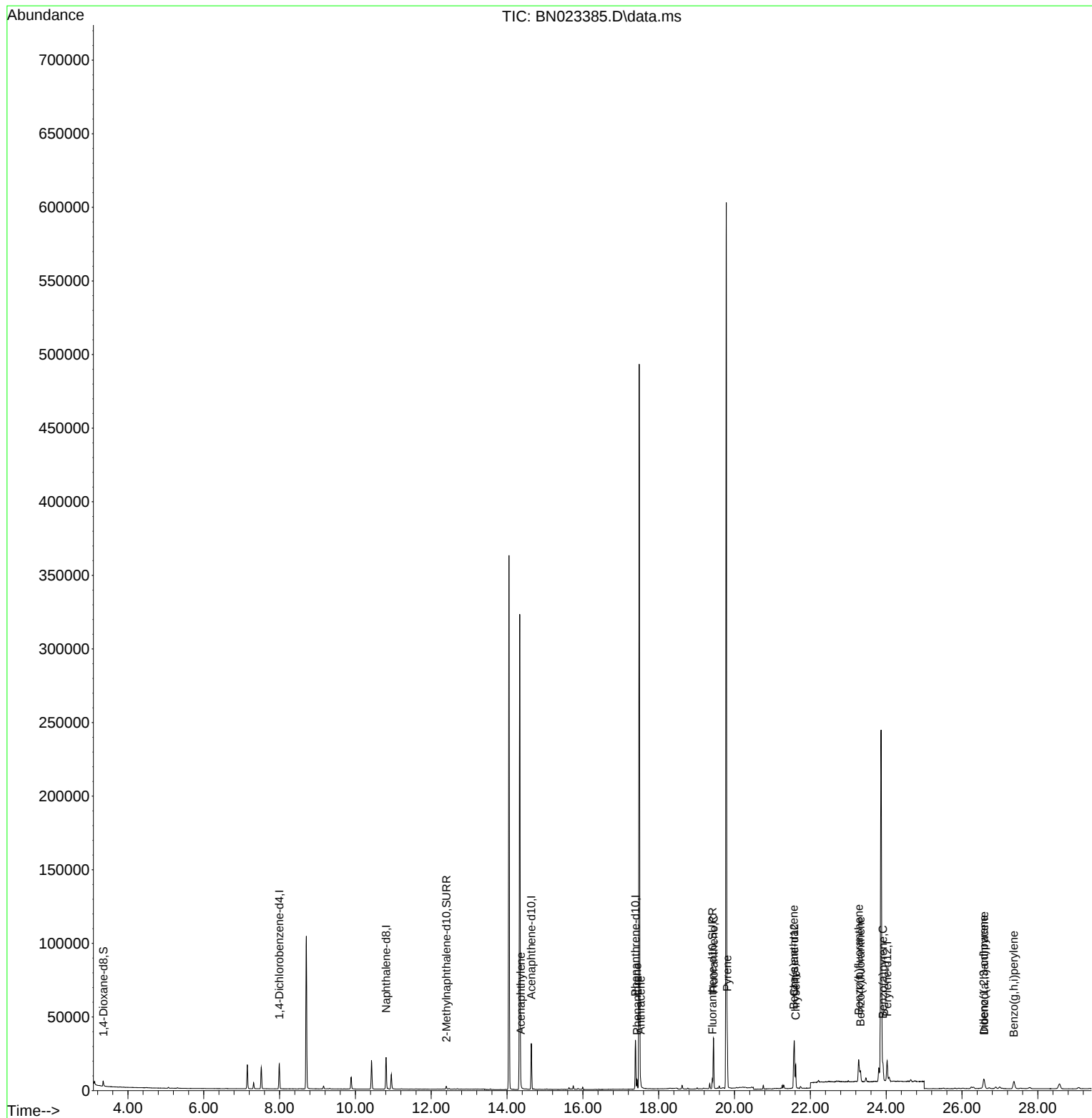
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023385.D
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ALS Vial : 11 Sample Multiplier: 1

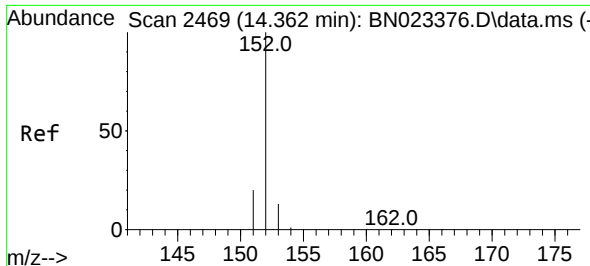
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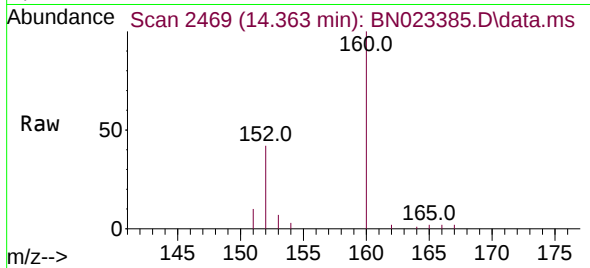
Quant Time: Dec 24 03:08:38 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
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#10
Acenaphthylene
Concen: 0.042 ng/ul
RT: 14.363 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN023385.D
Acq: 23 Dec 2022 23:17

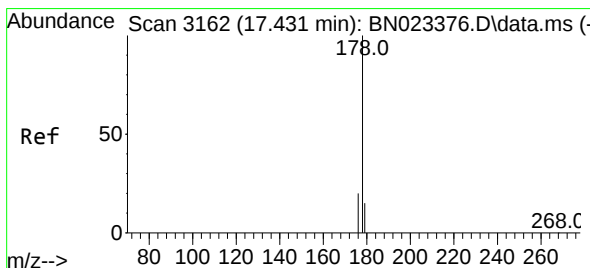
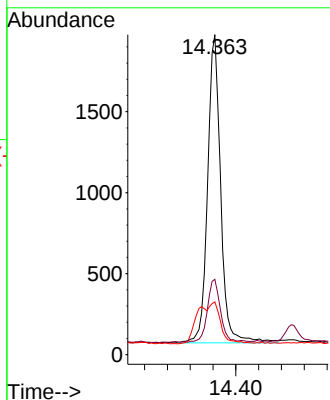
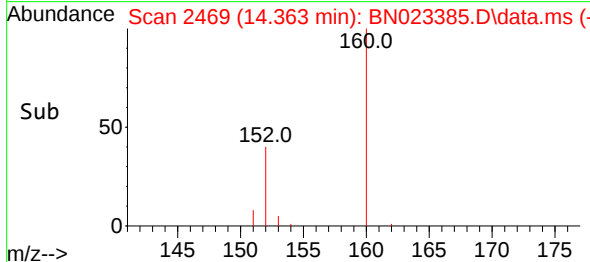
Instrument :
BNA_N
ClientSampleId :
DBXY3DL



Tgt Ion:152 Resp: 3032
Ion Ratio Lower Upper
152 100
151 23.5 16.1 24.1
153 16.5 10.9 16.3

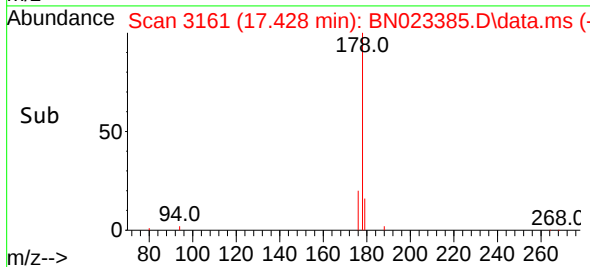
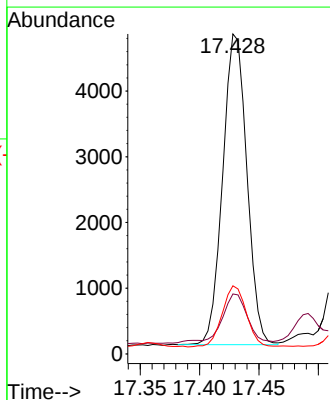
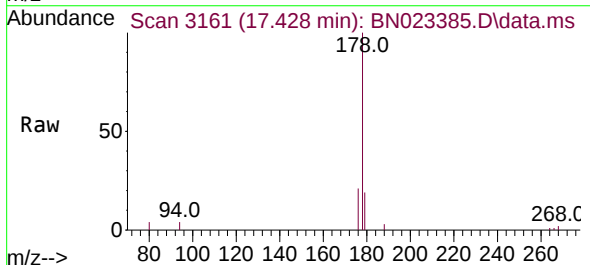
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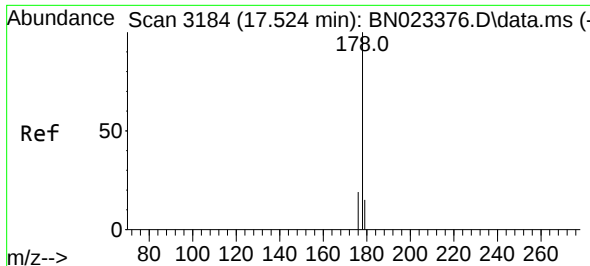
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022



#15
Phenanthrene
Concen: 0.055 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BN023385.D
Acq: 23 Dec 2022 23:17

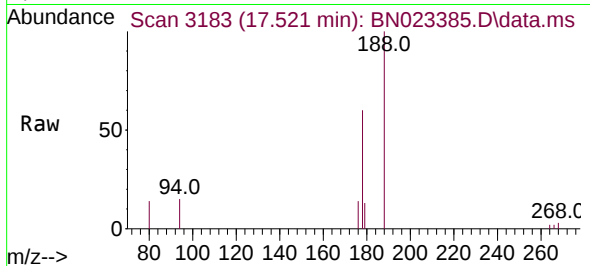
Tgt Ion:178 Resp: 6701
Ion Ratio Lower Upper
178 100
179 18.7 12.5 18.7#
176 21.3 15.7 23.5





#16
 Anthracene
 Concen: 0.030 ng/ul
 RT: 17.521 min Scan# 3184
 Delta R.T. -0.005 min
 Lab File: BN023385.D
 Acq: 23 Dec 2022 23:17

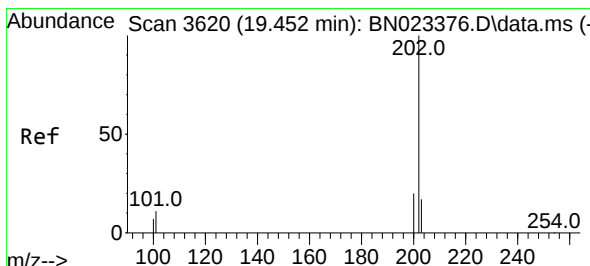
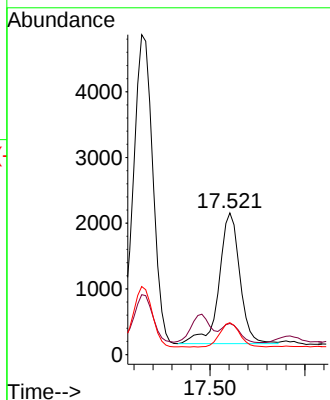
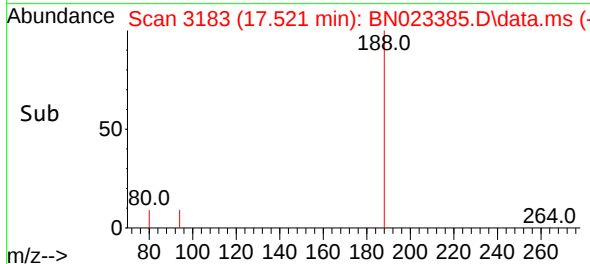
Instrument :
 BNA_N
 ClientSampleId :
 DBXY3DL



Tgt Ion:178 Resp: 3013
 Ion Ratio Lower Upper
 178 100
 179 22.0 12.6 18.8
 176 22.6 15.4 23.0

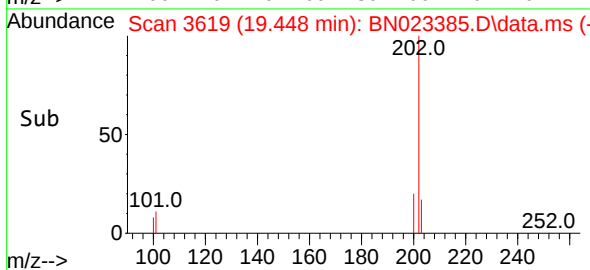
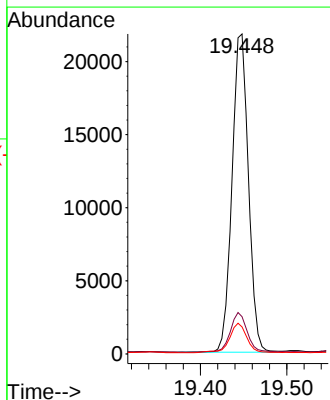
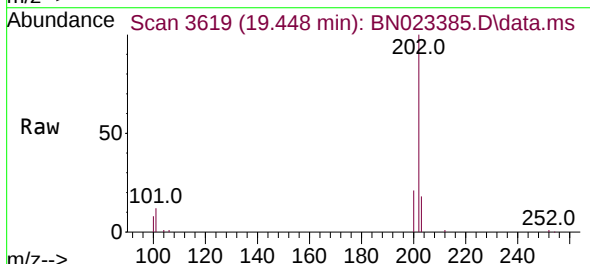
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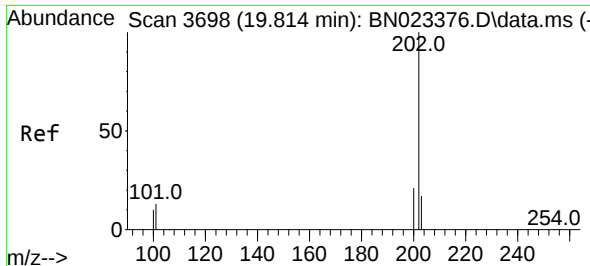
Reviewed By :Jagrut Upadhyay 12/24/2022
 Supervised By :Yogesh Patel 12/24/2022



#19
 Fluoranthene
 Concen: 0.239 ng/ul
 RT: 19.448 min Scan# 3619
 Delta R.T. -0.001 min
 Lab File: BN023385.D
 Acq: 23 Dec 2022 23:17

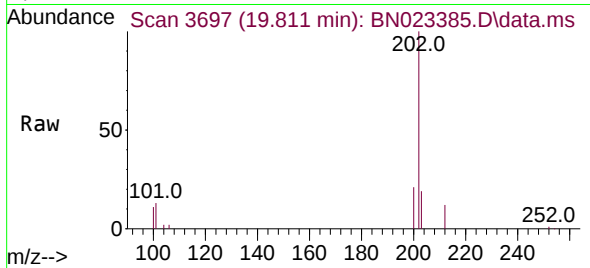
Tgt Ion:202 Resp: 28742
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.4 14.2
 100 8.4 7.0 10.6





#20
Pyrene
Concen: 0.219 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023385.D
Acq: 23 Dec 2022 23:17

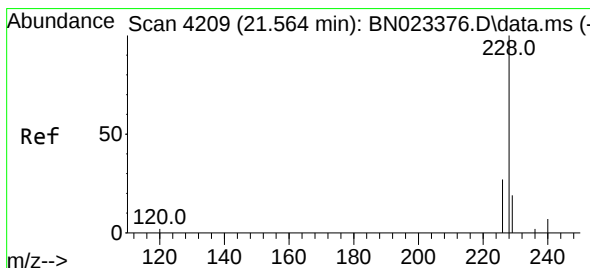
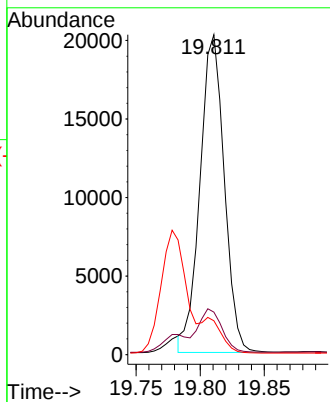
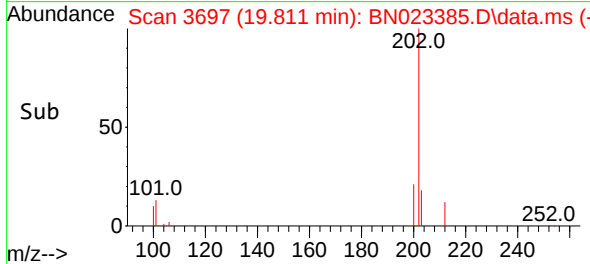
Instrument :
BNA_N
ClientSampleId :
DBXY3DL



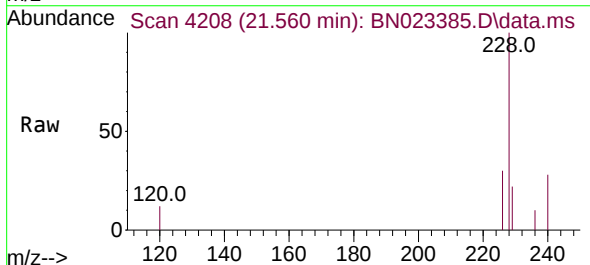
Tgt Ion:202 Resp: 2662
Ion Ratio Lower Upper
202 100
101 13.3 11.3 16.9
100 10.6 9.0 13.4

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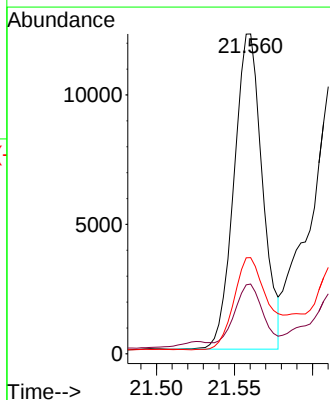
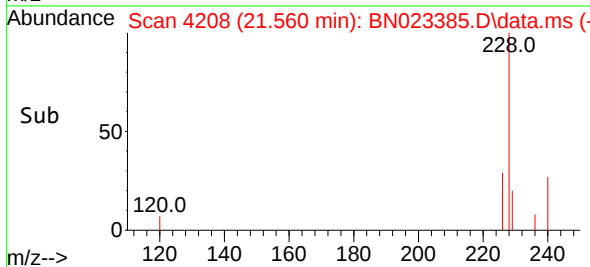
Reviewed By :Jagrut Upadhyay 12/24/2022
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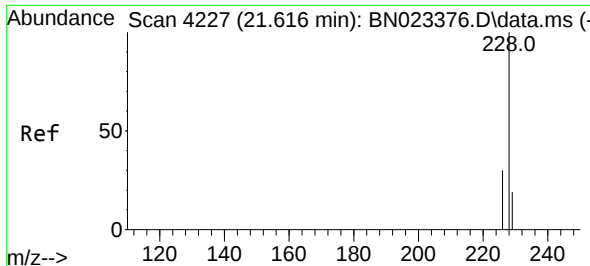


#21
Benzo(a)anthracene
Concen: 0.160 ng/ul
RT: 21.560 min Scan# 4208
Delta R.T. -0.001 min
Lab File: BN023385.D
Acq: 23 Dec 2022 23:17



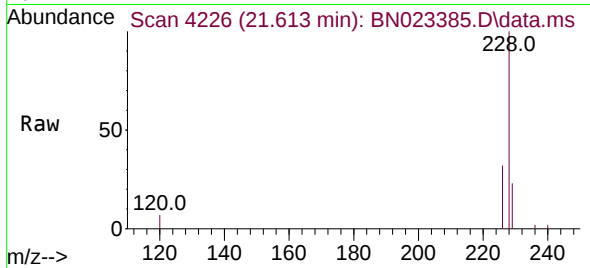
Tgt Ion:228 Resp: 15454
Ion Ratio Lower Upper
228 100
229 21.8 15.6 23.4
226 30.1 22.2 33.2





#22
Chrysene
Concen: 0.178 ng/ul
RT: 21.613 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN023385.D
Acq: 23 Dec 2022 23:17

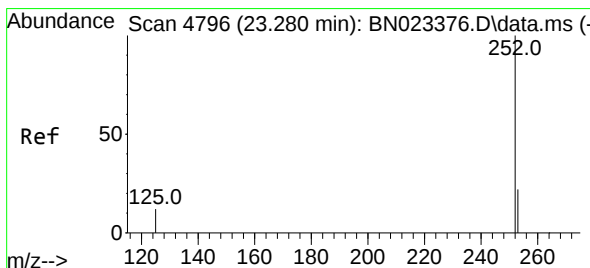
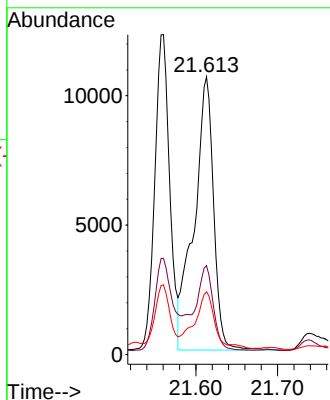
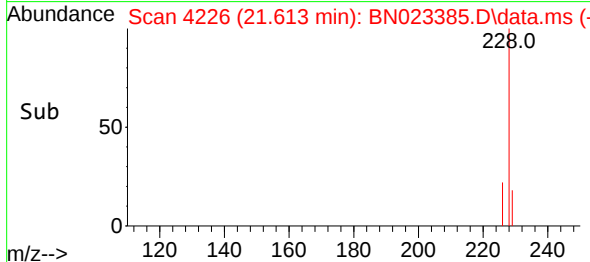
Instrument :
BNA_N
ClientSampleId :
DBXY3DL



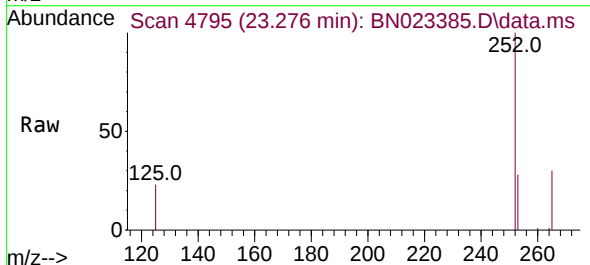
Tgt Ion:228 Resp: 17475
Ion Ratio Lower Upper
228 100
226 32.1 24.3 36.5
229 22.6 15.8 23.6

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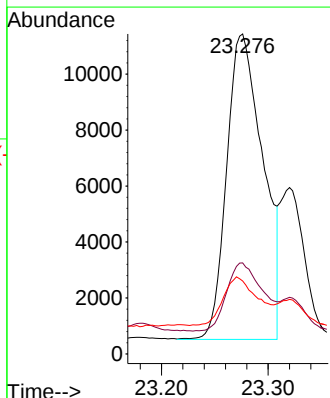
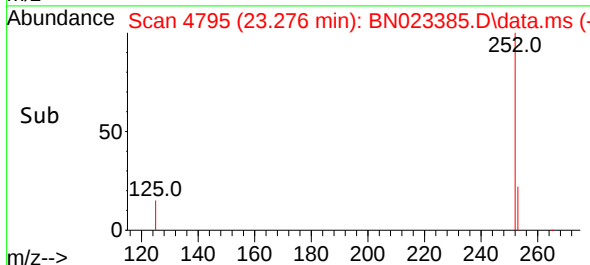
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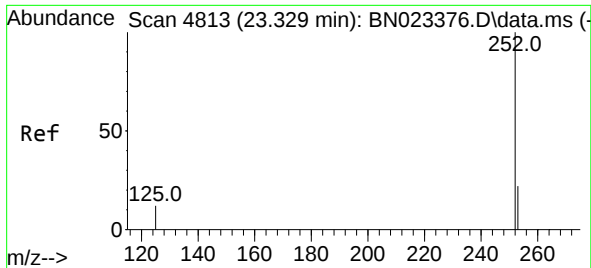


#24
Benzo(b)fluoranthene
Concen: 0.258 ng/ul m
RT: 23.276 min Scan# 4795
Delta R.T. 0.002 min
Lab File: BN023385.D
Acq: 23 Dec 2022 23:17



Tgt Ion:252 Resp: 25862
Ion Ratio Lower Upper
252 100
253 28.4 0.0 49.2
125 22.8 0.0 31.8





#25

Benzo(k)fluoranthene

Concen: 0.091 ng/ul m

RT: 23.320 min Scan# 4813

Delta R.T. -0.004 min

Lab File: BN023385.D

Acq: 23 Dec 2022 23:17

Instrument :

BNA_N

ClientSampleId :

DBXY3DL

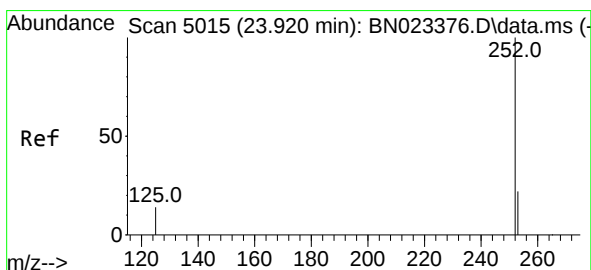
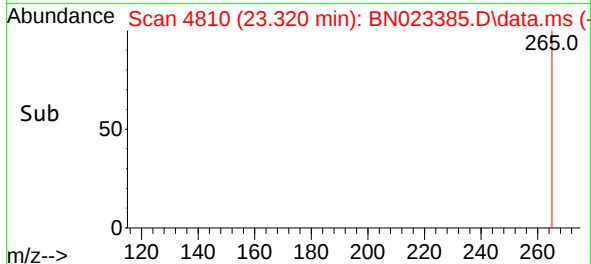
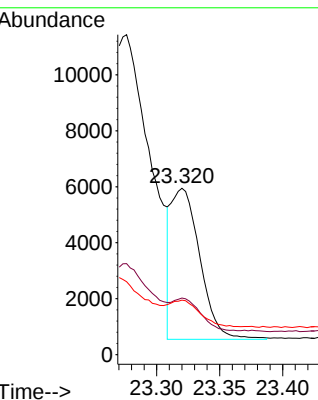
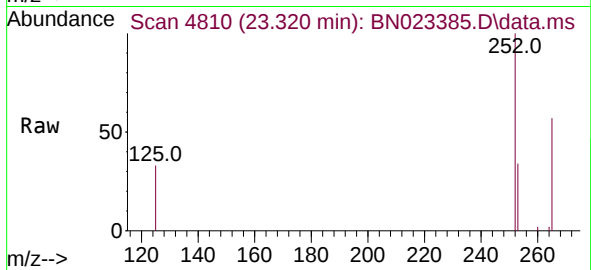
Tgt Ion:252 Resp: 8590

Ion	Ratio	Lower	Upper
252	100		
253	34.0	19.8	29.6
125	32.7	12.6	18.8

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#26

Benzo(a)pyrene

Concen: 0.177 ng/ul

RT: 23.913 min Scan# 5013

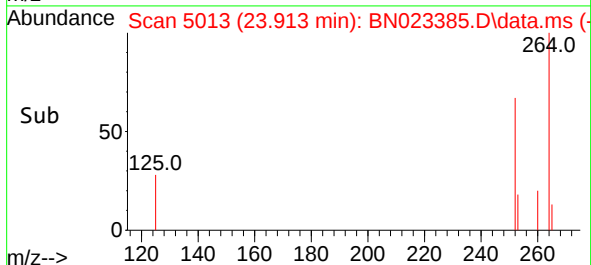
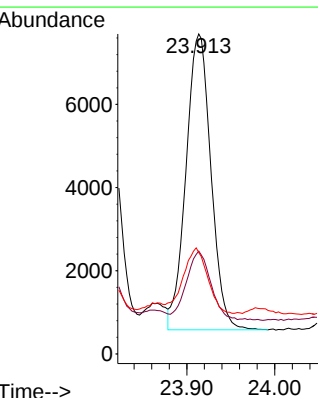
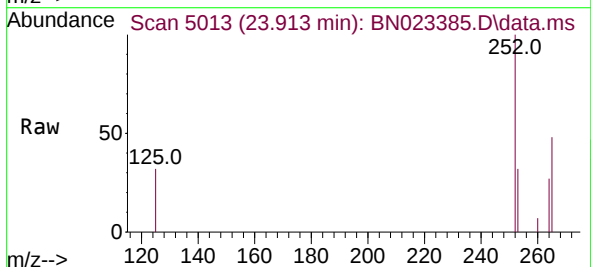
Delta R.T. -0.001 min

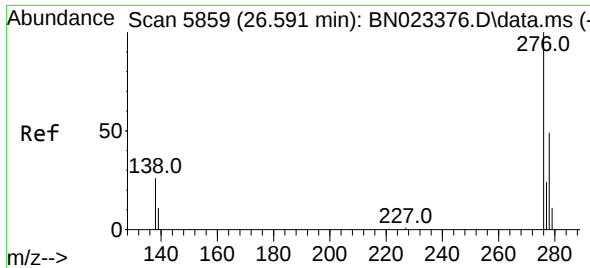
Lab File: BN023385.D

Acq: 23 Dec 2022 23:17

Tgt Ion:252 Resp: 14011

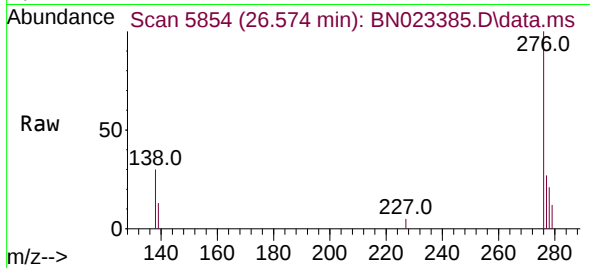
Ion	Ratio	Lower	Upper
252	100		
253	32.1	21.4	32.2
125	31.7	16.2	24.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.120 ng/ul
RT: 26.574 min Scan# 5854
Delta R.T. -0.004 min
Lab File: BN023385.D
Acq: 23 Dec 2022 23:17

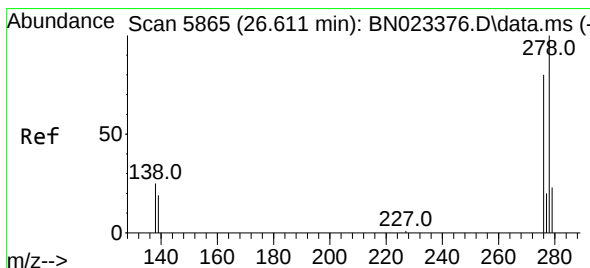
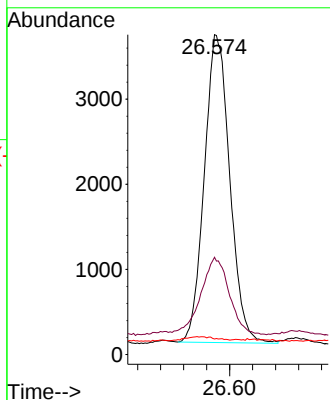
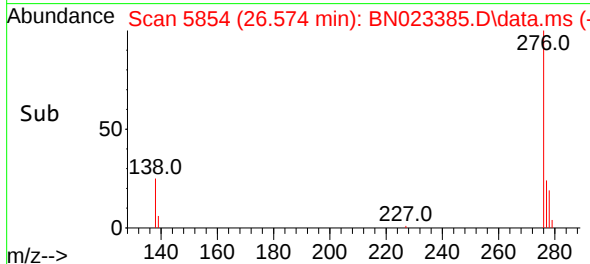
Instrument :
BNA_N
ClientSampleId :
DBXY3DL



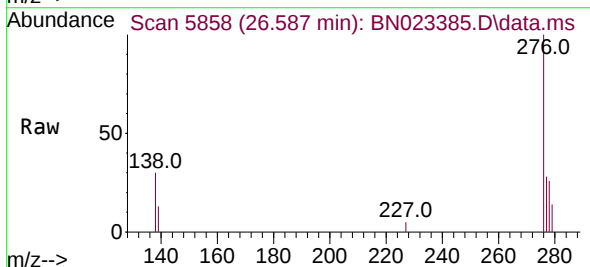
Tgt Ion:276 Resp: 11115
Ion Ratio Lower Upper
276 100
138 28.0 23.4 35.2
227 0.0 0.0 0.0

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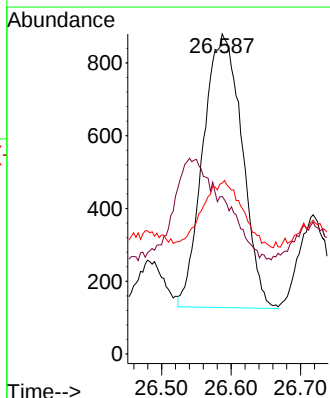
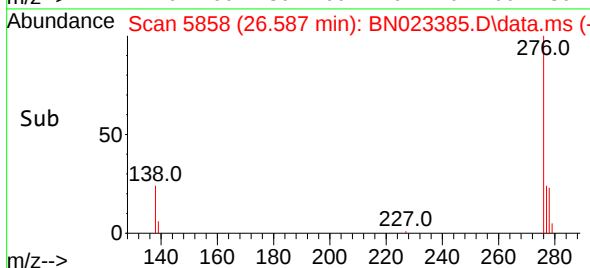
Reviewed By :Jagrut Upadhyay 12/24/2022
Supervised By :Yogesh Patel 12/24/2022

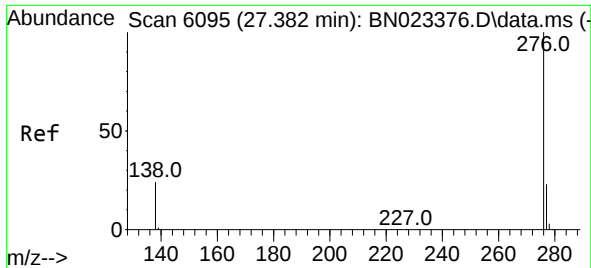


#28
Dibenzo(a,h)anthracene
Concen: 0.041 ng/ul
RT: 26.587 min Scan# 5858
Delta R.T. -0.014 min
Lab File: BN023385.D
Acq: 23 Dec 2022 23:17



Tgt Ion:278 Resp: 2928
Ion Ratio Lower Upper
278 100
139 49.2 16.6 24.8#
279 53.4 21.3 31.9#





#29

Benzo(g,h,i)perylene

Concen: 0.146 ng/ul

RT: 27.365 min Scan# 6090

Delta R.T. -0.004 min

Lab File: BN023385.D

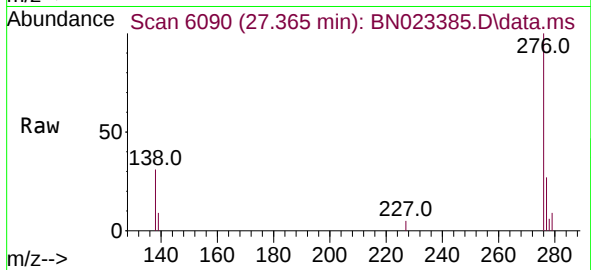
Acq: 23 Dec 2022 23:17

Instrument :

BNA_N

ClientSampleId :

DBXY3DL



Tgt Ion:276 Resp: 11063

Ion Ratio Lower Upper

276 100

138 31.4 20.3 30.5

277 26.7 19.7 29.5

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