

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032411.D
 Acq On : 02 Jul 2024 21:24
 Operator : MA/JU
 Sample : P2871-05DL 5X
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C53DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 23:56:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	8056	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.382	136	26298	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	15308	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.008	188	27701	0.400	ng/ul	-0.02
17) Chrysene-d12	21.211	240	18098	0.400	ng/ul	#-0.01
23) Perylene-d12	23.427	264	22138	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	6605	0.738	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	2343	0.059	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	4108	0.075	ng/ul	-0.01
Target Compounds				Qvalue		
10) Acenaphthylene	13.971	152	2931	0.046	ng/ul#	90
15) Phenanthrene	17.050	178	16663	0.219	ng/ul	99
16) Anthracene	17.138	178	4164	0.061	ng/ul#	89
19) Fluoranthene	19.073	202	34134	0.495	ng/ul	96
20) Pyrene	19.440	202	32093	0.446	ng/ul	99
21) Benzo(a)anthracene	21.194	228	17200	0.263	ng/ul#	92
22) Chrysene	21.247	228	15225	0.212	ng/ul#	92
24) Benzo(b)fluoranthene	22.763	252	23053m	0.240	ng/ul	
25) Benzo(k)fluoranthene	22.798	252	8992m	0.096	ng/ul	
26) Benzo(a)pyrene	23.327	252	16096	0.241	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.663	276	11862	0.113	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.663	278	2950	0.038	ng/ul#	1
29) Benzo(g,h,i)perylene	26.350	276	11989	0.144	ng/ul#	81

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

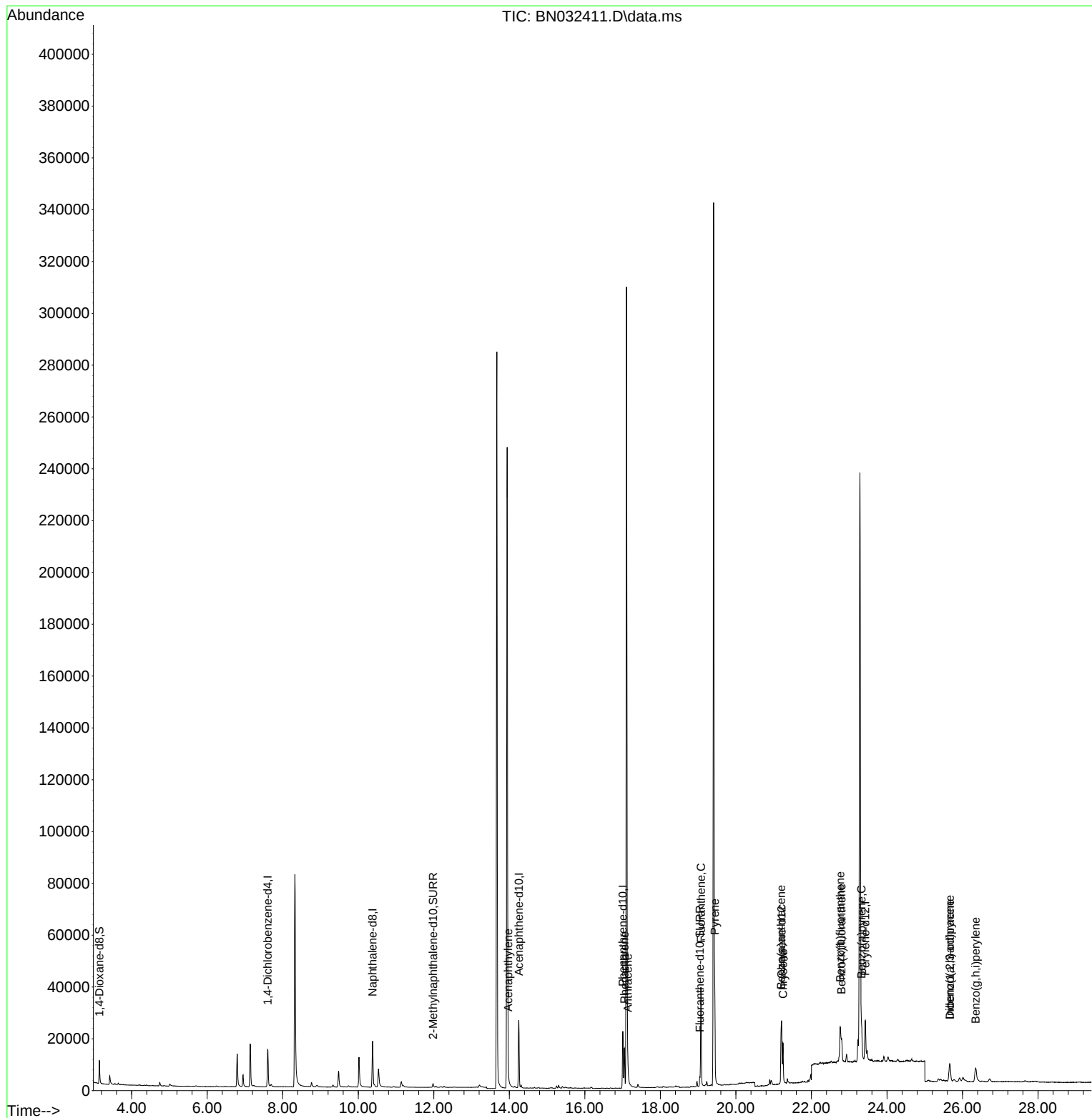
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Data File : BN032411.D
Acq On : 02 Jul 2024 21:24
Operator : MA/JU
Sample : P2871-05DL 5X
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ALS Vial : 58 Sample Multiplier: 1

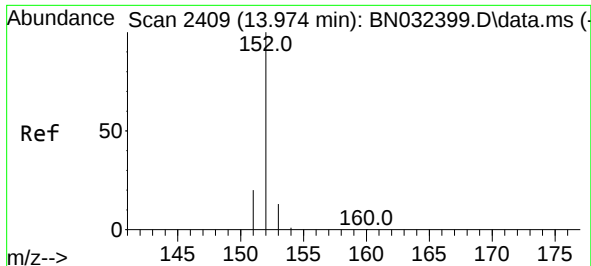
Instrument :
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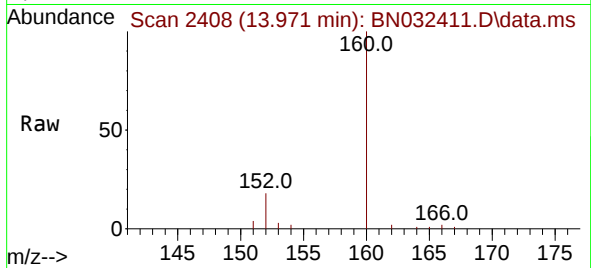
Quant Time: Jul 02 23:56:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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#10
Acenaphthylene
Concen: 0.046 ng/ul
RT: 13.971 min Scan# 2409
Delta R.T. -0.019 min
Lab File: BN032411.D
Acq: 02 Jul 2024 21:24

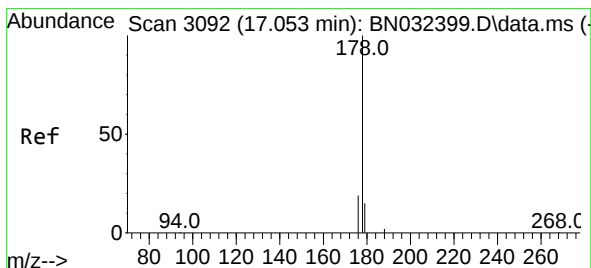
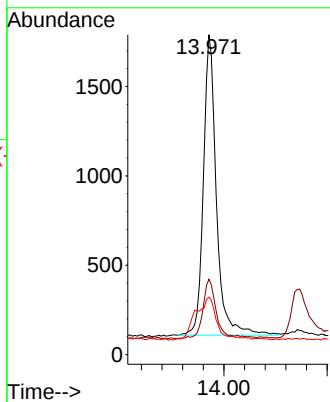
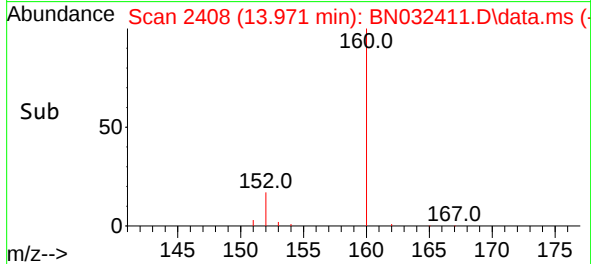
Instrument :
BNA_N
ClientSampleId :
A4C53DL



Tgt Ion:152 Resp: 293
Ion Ratio Lower Upper
152 100
151 23.6 15.7 23.5
153 18.0 10.9 16.3

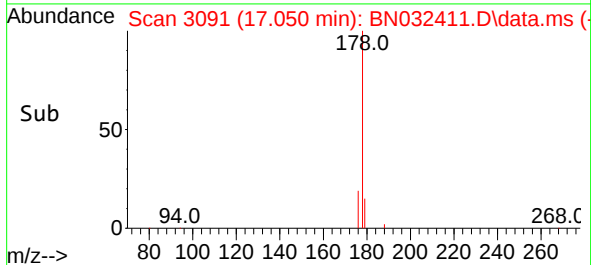
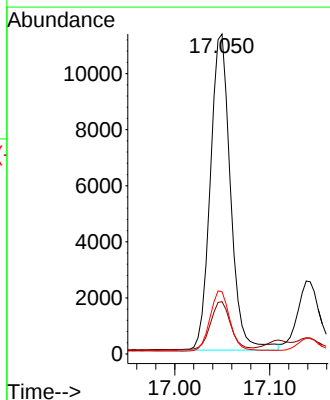
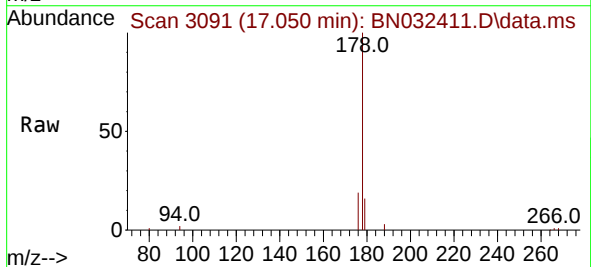
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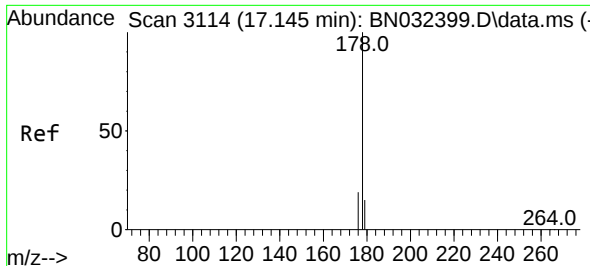
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#15
Phenanthrene
Concen: 0.219 ng/ul
RT: 17.050 min Scan# 3091
Delta R.T. -0.017 min
Lab File: BN032411.D
Acq: 02 Jul 2024 21:24

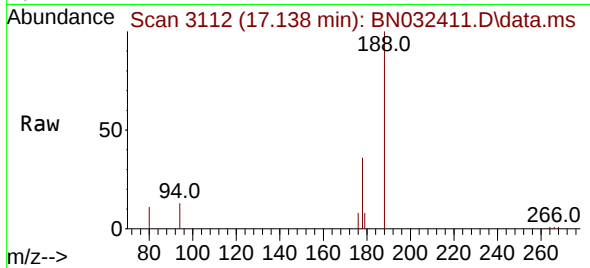
Tgt Ion:178 Resp: 16663
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 19.4 15.6 23.4





#16
 Anthracene
 Concen: 0.061 ng/u1
 RT: 17.138 min Scan# 3112
 Delta R.T. -0.021 min
 Lab File: BN032411.D
 Acq: 02 Jul 2024 21:24

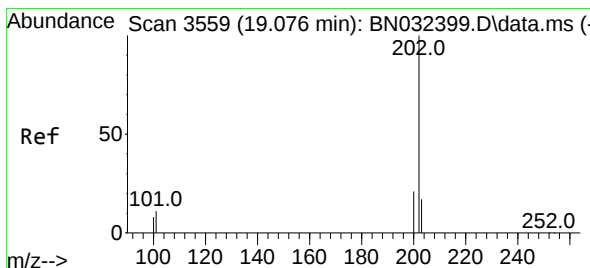
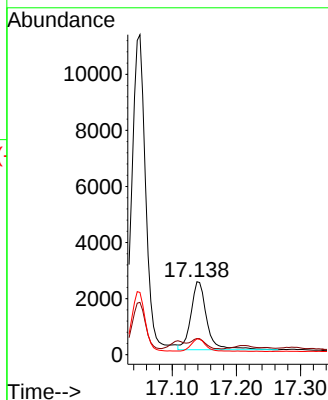
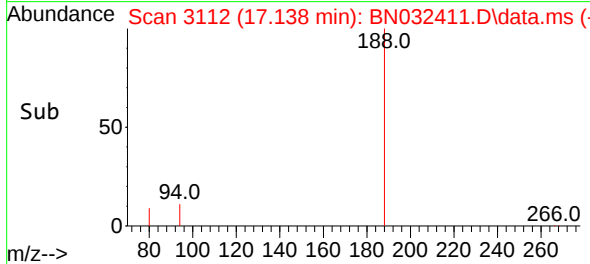
Instrument :
 BNA_N
 ClientSampleId :
 A4C53DL



Tgt Ion:178 Resp: 4164
 Ion Ratio Lower Upper
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 179 22.2 12.5 18.7
 176 21.6 15.0 22.6

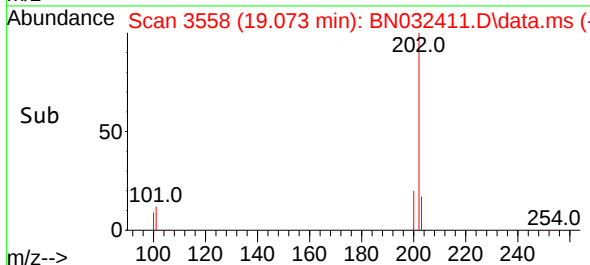
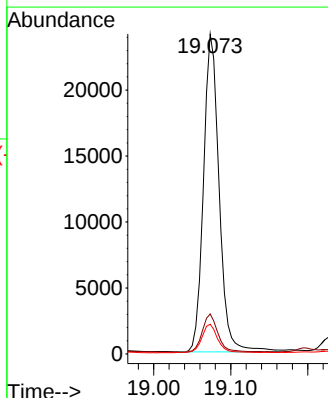
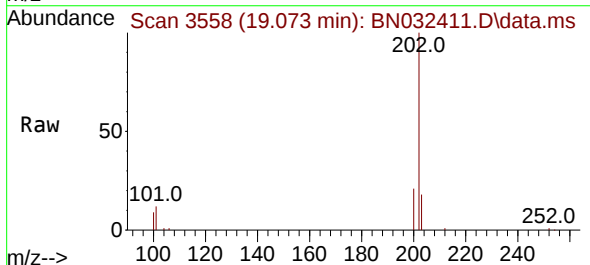
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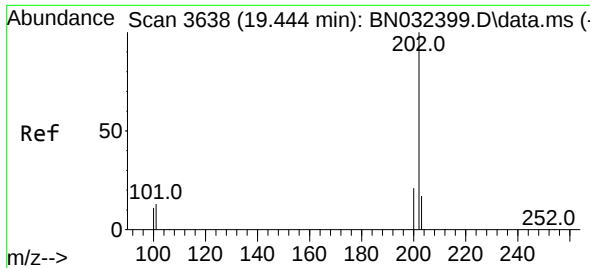
Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



#19
 Fluoranthene
 Concen: 0.495 ng/u1
 RT: 19.073 min Scan# 3558
 Delta R.T. -0.019 min
 Lab File: BN032411.D
 Acq: 02 Jul 2024 21:24

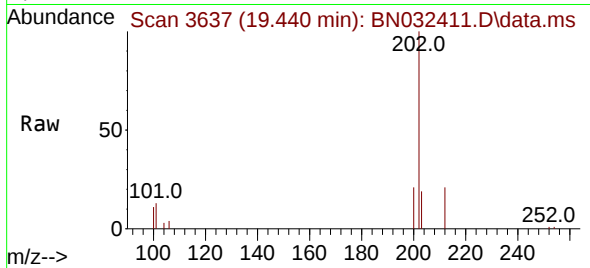
Tgt Ion:202 Resp: 34134
 Ion Ratio Lower Upper
 202 100
 101 12.5 8.8 13.2
 100 9.3 6.4 9.6





#20
Pyrene
Concen: 0.446 ng/ul
RT: 19.440 min Scan# 3638
Delta R.T. -0.014 min
Lab File: BN032411.D
Acq: 02 Jul 2024 21:24

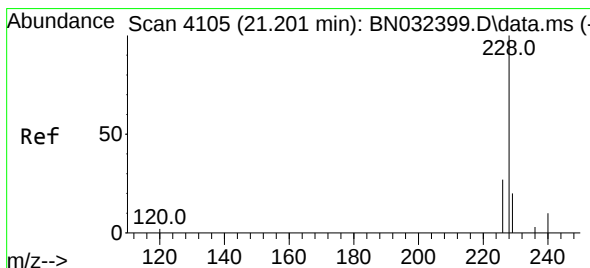
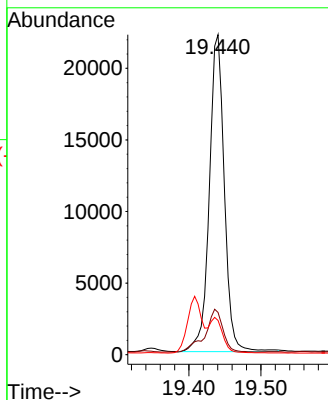
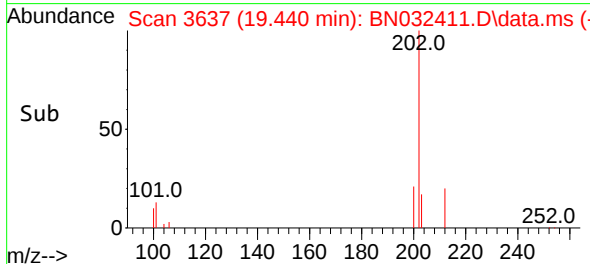
Instrument :
BNA_N
ClientSampleId :
A4C53DL



Tgt Ion:202 Resp: 3209
Ion Ratio Lower Upper
202 100
101 13.2 11.0 16.4
100 10.7 8.7 13.1

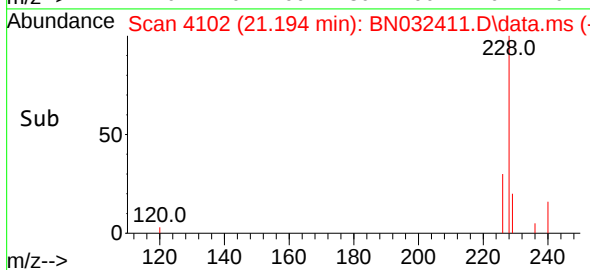
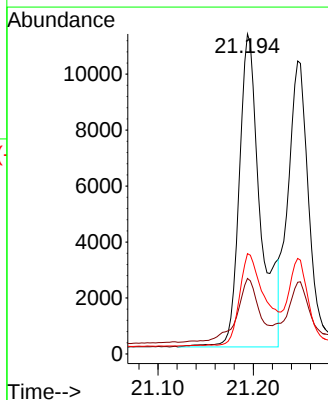
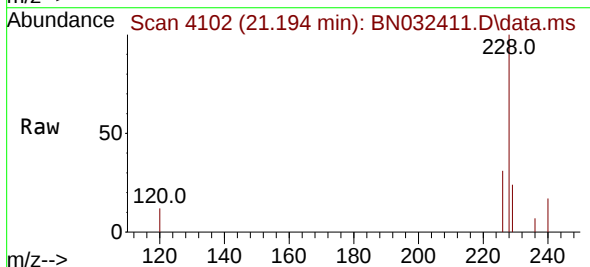
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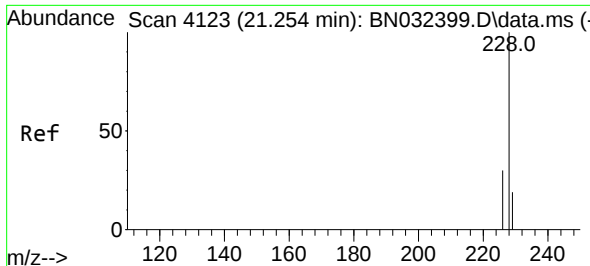
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#21
Benzo(a)anthracene
Concen: 0.263 ng/ul
RT: 21.194 min Scan# 4102
Delta R.T. -0.021 min
Lab File: BN032411.D
Acq: 02 Jul 2024 21:24

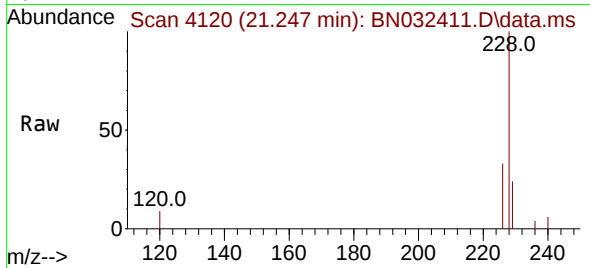
Tgt Ion:228 Resp: 17200
Ion Ratio Lower Upper
228 100
229 23.6 15.7 23.5#
226 31.3 21.8 32.8





#22
Chrysene
Concen: 0.212 ng/ul
RT: 21.247 min Scan# 4123
Delta R.T. -0.021 min
Lab File: BN032411.D
Acq: 02 Jul 2024 21:24

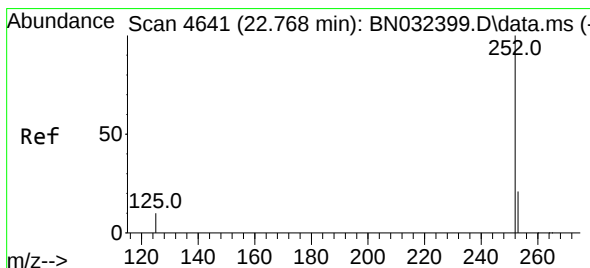
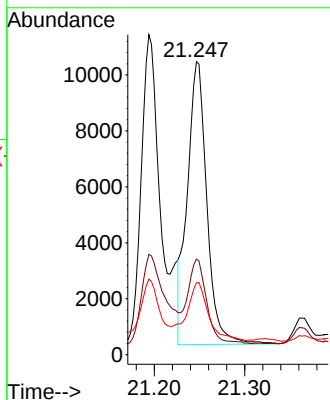
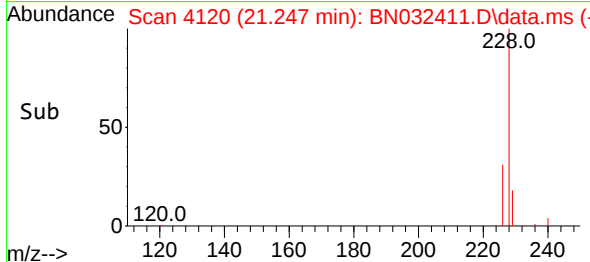
Instrument :
BNA_N
ClientSampleId :
A4C53DL



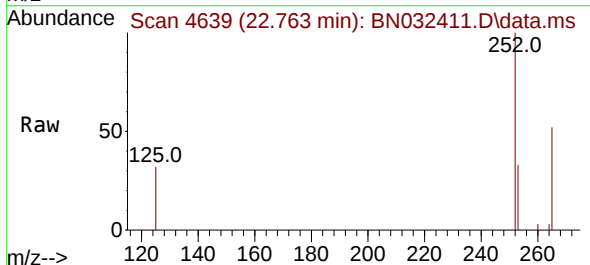
Tgt Ion:228 Resp: 15225
Ion Ratio Lower Upper
228 100
226 32.6 23.6 35.4
229 24.5 15.7 23.5

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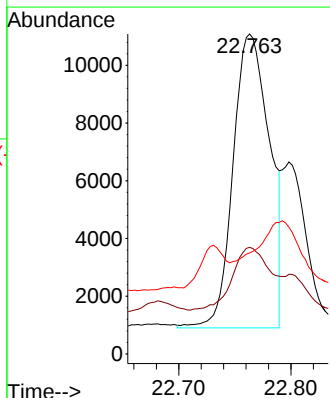
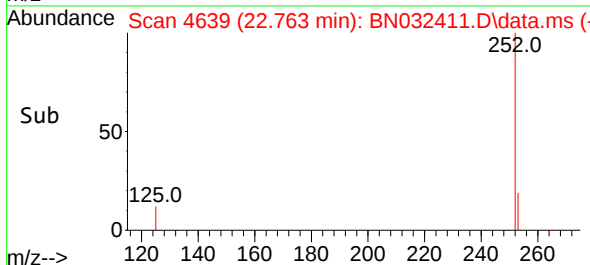
Reviewed By :Yogesh Patel 07/03/2024
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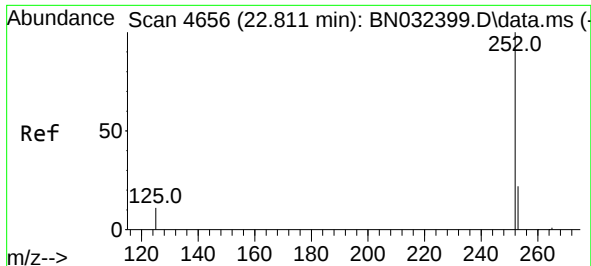


#24
Benzo(b)fluoranthene
Concen: 0.240 ng/ul m
RT: 22.763 min Scan# 4639
Delta R.T. -0.021 min
Lab File: BN032411.D
Acq: 02 Jul 2024 21:24



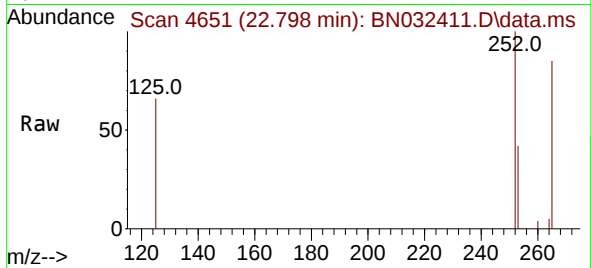
Tgt Ion:252 Resp: 23053
Ion Ratio Lower Upper
252 100
253 33.3 0.0 50.2
125 31.6 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 0.096 ng/ul m
RT: 22.798 min Scan# 4651
Delta R.T. -0.029 min
Lab File: BN032411.D
Acq: 02 Jul 2024 21:24

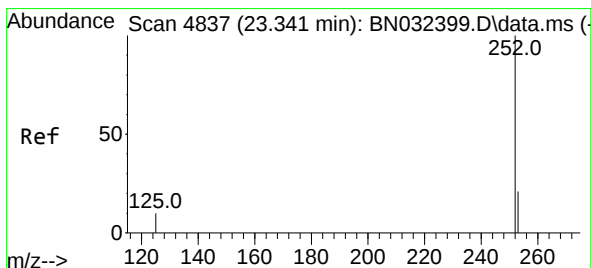
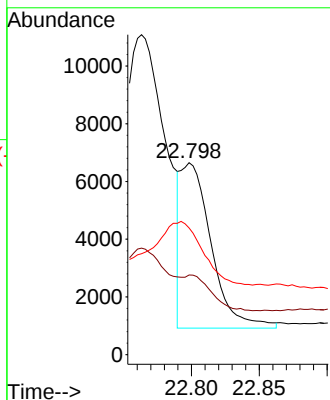
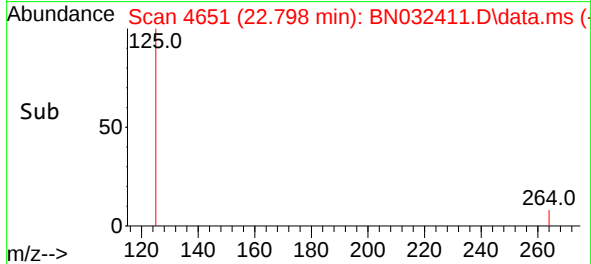
Instrument :
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A4C53DL



Tgt Ion:252 Resp: 8992
Ion Ratio Lower Upper
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253 41.5 20.3 30.5
125 66.0 12.8 19.2

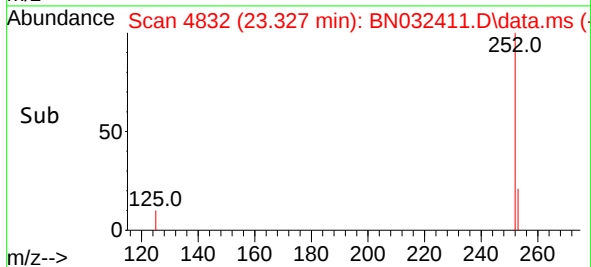
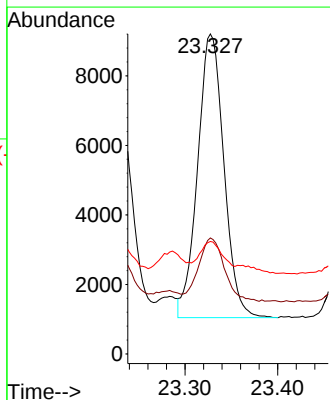
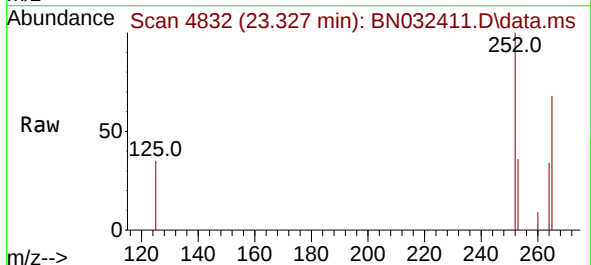
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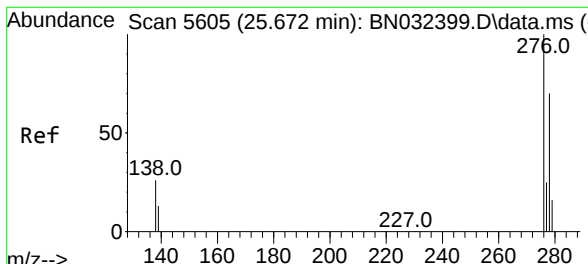
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#26
Benzo(a)pyrene
Concen: 0.241 ng/ul
RT: 23.327 min Scan# 4832
Delta R.T. -0.032 min
Lab File: BN032411.D
Acq: 02 Jul 2024 21:24

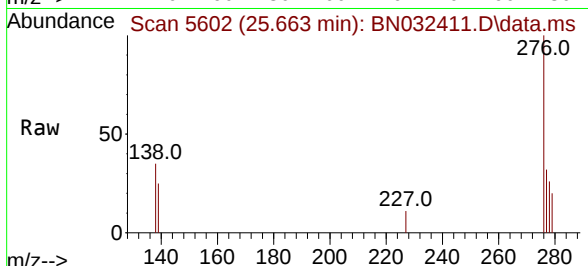
Tgt Ion:252 Resp: 16096
Ion Ratio Lower Upper
252 100
253 36.3 22.2 33.2#
125 35.1 16.4 24.6#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.113 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. -0.037 min
Lab File: BN032411.D
Acq: 02 Jul 2024 21:24

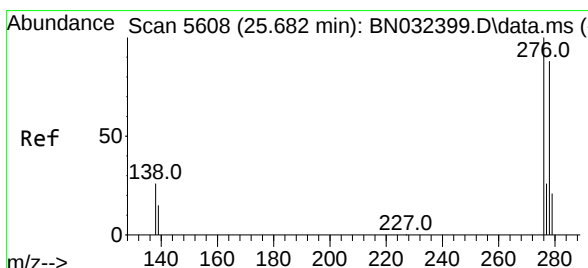
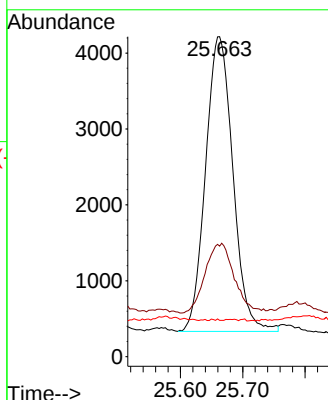
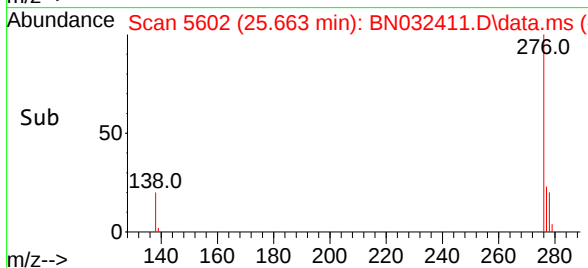
Instrument :
BNA_N
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A4C53DL



Tgt Ion: 276 Resp: 11862
Ion Ratio Lower Upper
276 100
138 25.2 21.3 31.9
227 0.1 0.1 0.1

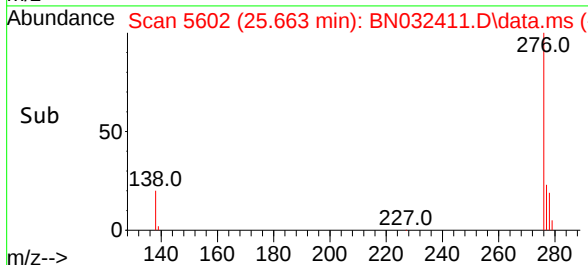
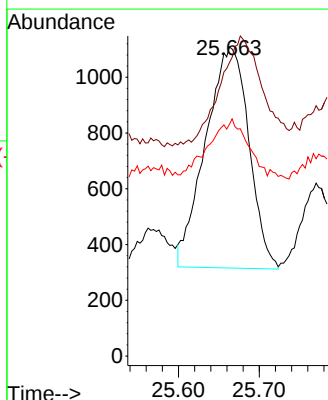
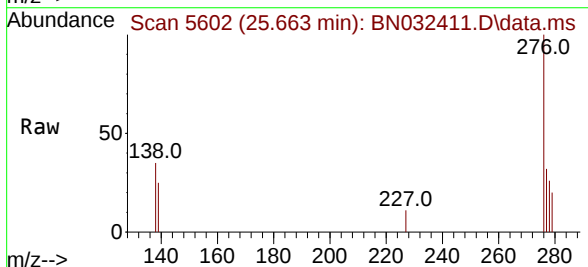
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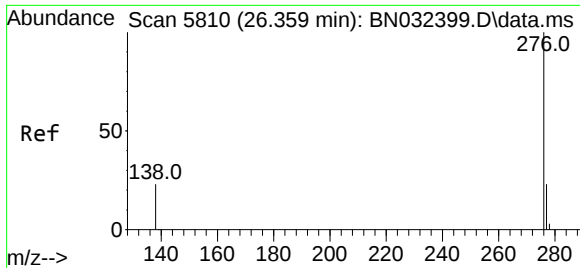
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.038 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. -0.047 min
Lab File: BN032411.D
Acq: 02 Jul 2024 21:24

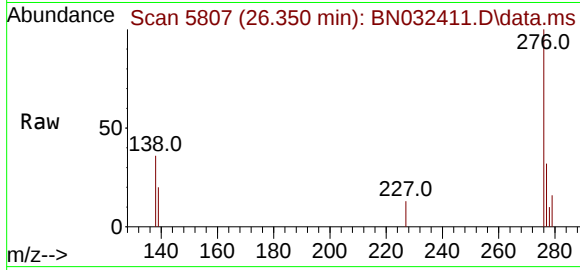
Tgt Ion: 278 Resp: 2950
Ion Ratio Lower Upper
278 100
139 94.9 15.9 23.9#
279 74.9 21.1 31.7#





#29
Benzo(g,h,i)perylene
Concen: 0.144 ng/ul
RT: 26.350 min Scan# 5810
Delta R.T. -0.030 min
Lab File: BN032411.D
Acq: 02 Jul 2024 21:24

Instrument :
BNA_N
ClientSampleId :
A4C53DL



Tgt Ion:276 Resp: 11989
Ion Ratio Lower Upper
276 100
138 35.9 19.8 29.6
277 32.4 19.8 29.6

Manual Integrations
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