

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032385.D
 Acq On : 02 Jul 2024 05:45
 Operator : MA/JU
 Sample : P2871-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 06:11:48 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	7.607	152	8795	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.381	136	26633	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.252	164	13879	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.006	188	23678m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.213	240	18427m	0.400	ng/ul	-0.01
23) Perylene-d12	23.428	264	19821m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	19901	2.036	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.981	152	6733	0.169	ng/ul	-0.02
18) Fluoranthene-d10	19.044	212	13709	0.247	ng/ul	-0.02
Target Compounds						
					Qvalue	
15) Phenanthrene	17.048	178	4877m	0.075	ng/ul	
19) Fluoranthene	19.077	202	10192	0.145	ng/ul#	94
20) Pyrene	19.439	202	9441m	0.129	ng/ul	
21) Benzo(a)anthracene	21.198	228	5353	0.080	ng/ul#	89
22) Chrysene	21.248	228	5133	0.070	ng/ul#	90
24) Benzo(b)fluoranthene	22.762	252	8298m	0.096	ng/ul	
25) Benzo(k)fluoranthene	22.803	252	3339m	0.040	ng/ul	
26) Benzo(a)pyrene	23.326	252	5286	0.088	ng/ul#	49
27) Indeno(1,2,3-cd)pyrene	25.668	276	4582	0.049	ng/ul#	97
29) Benzo(g,h,i)perylene	26.356	276	4633	0.062	ng/ul#	71

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

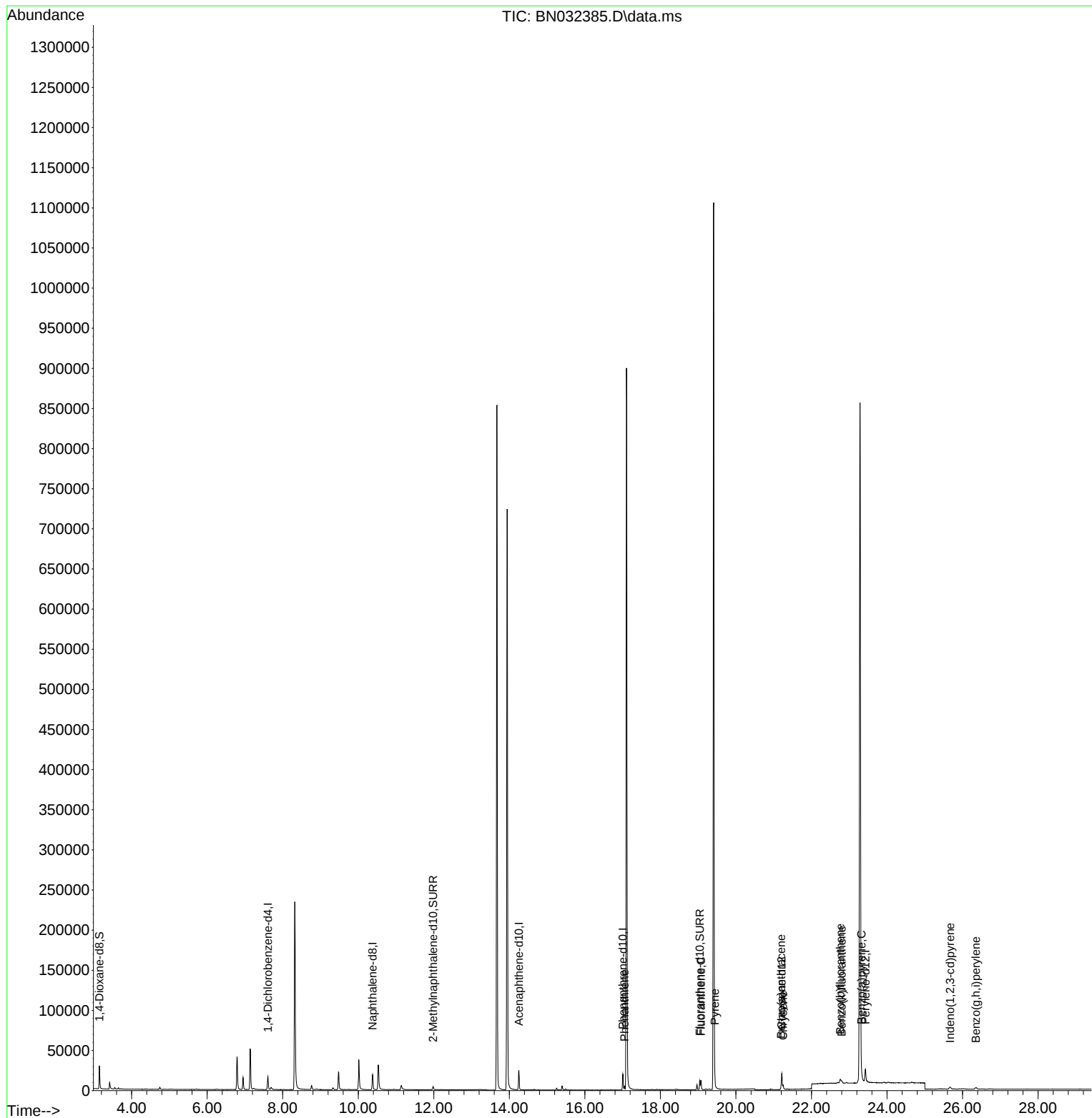
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
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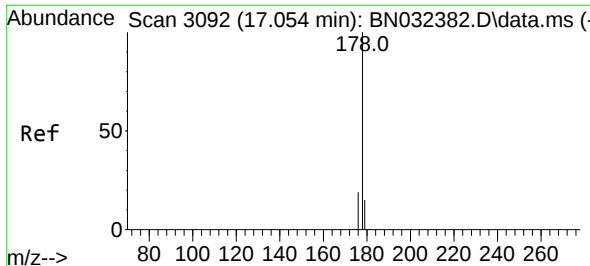
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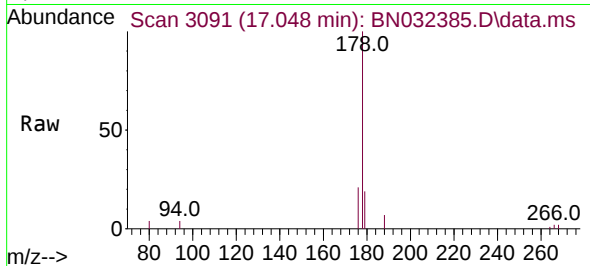
Quant Time: Jul 02 06:11:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.075 ng/ul m
RT: 17.048 min Scan# 3092
Delta R.T. -0.018 min
Lab File: BN032385.D
Acq: 02 Jul 2024 05:45

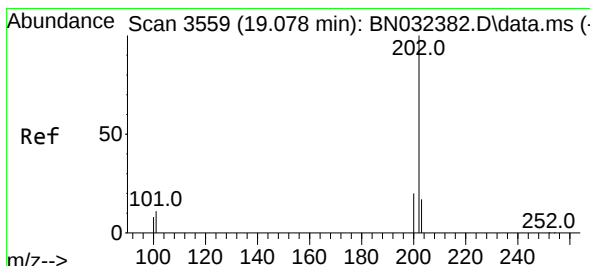
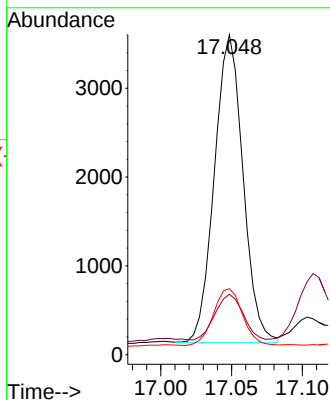
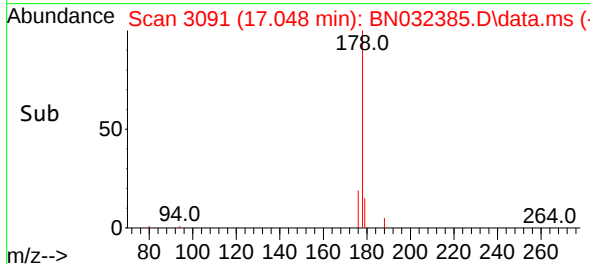
Instrument :
BNA_N
ClientSampleId :
A4CN3



Tgt Ion:178 Resp: 487
Ion Ratio Lower Upper
178 100
179 18.9 12.6 18.8#
176 20.7 15.6 23.4#

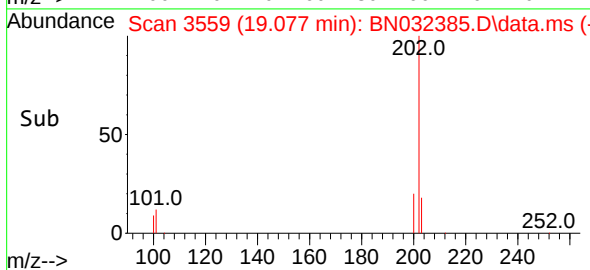
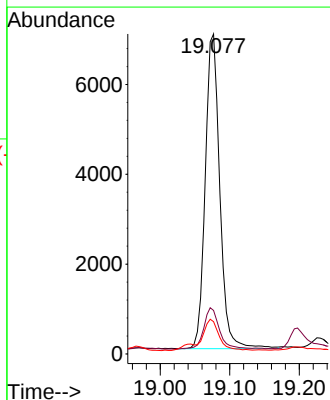
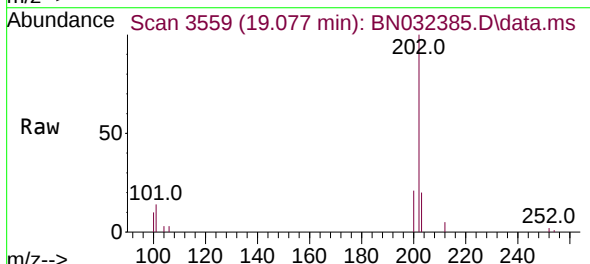
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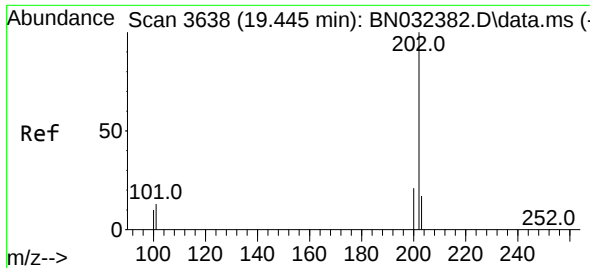
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#19
Fluoranthene
Concen: 0.145 ng/ul
RT: 19.077 min Scan# 3559
Delta R.T. -0.015 min
Lab File: BN032385.D
Acq: 02 Jul 2024 05:45

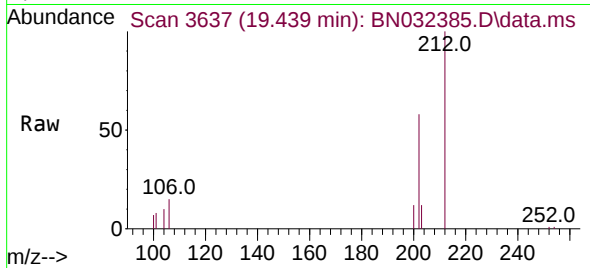
Tgt Ion:202 Resp: 10192
Ion Ratio Lower Upper
202 100
101 13.6 8.8 13.2#
100 10.1 6.4 9.6#





#20
Pyrene
Concen: 0.129 ng/ul m
RT: 19.439 min Scan# 3637
Delta R.T. -0.015 min
Lab File: BN032385.D
Acq: 02 Jul 2024 05:45

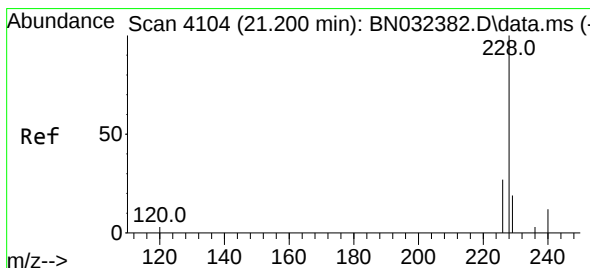
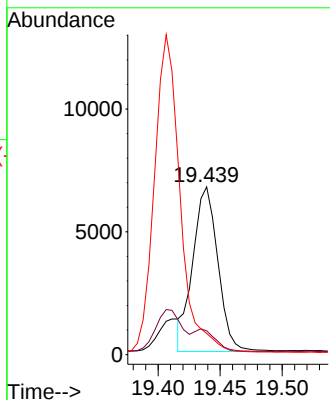
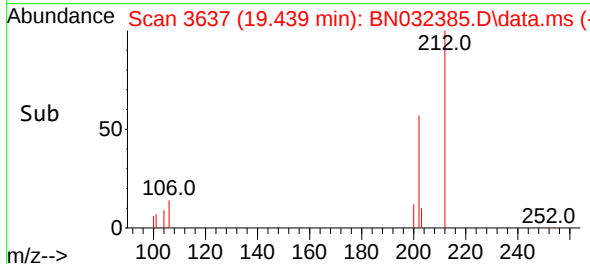
Instrument :
BNA_N
ClientSampleId :
A4CN3



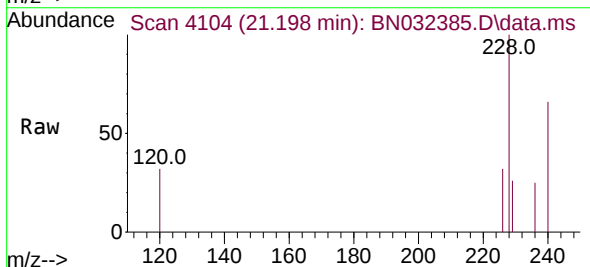
Tgt Ion:202 Resp: 944
Ion Ratio Lower Upper
202 100
101 14.2 11.0 16.4
100 12.7 8.7 13.1

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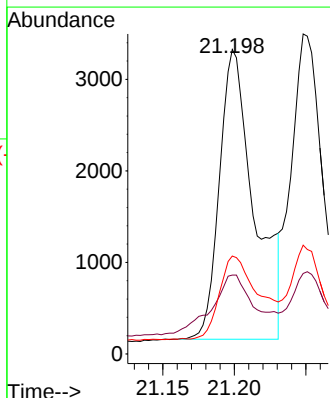
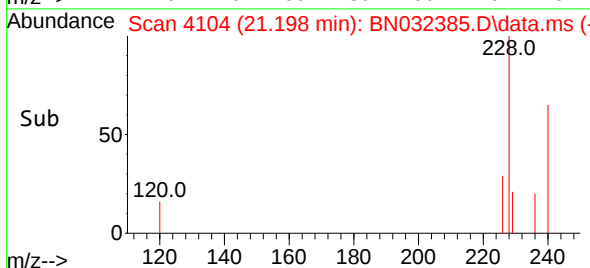
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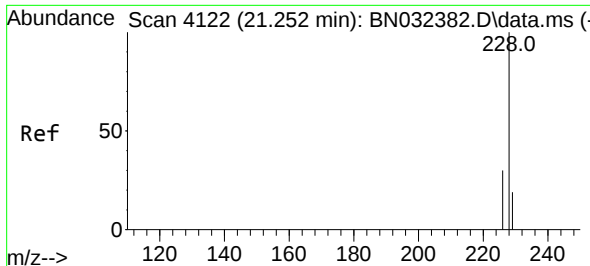


#21
Benzo(a)anthracene
Concen: 0.080 ng/ul
RT: 21.198 min Scan# 4104
Delta R.T. -0.016 min
Lab File: BN032385.D
Acq: 02 Jul 2024 05:45



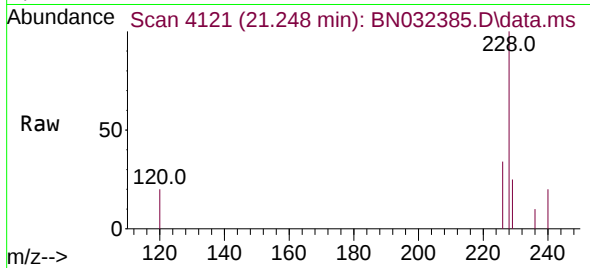
Tgt Ion:228 Resp: 5353
Ion Ratio Lower Upper
228 100
229 25.9 15.7 23.5#
226 32.2 21.8 32.8





#22
Chrysene
Concen: 0.070 ng/ul
RT: 21.248 min Scan# 4121
Delta R.T. -0.019 min
Lab File: BN032385.D
Acq: 02 Jul 2024 05:45

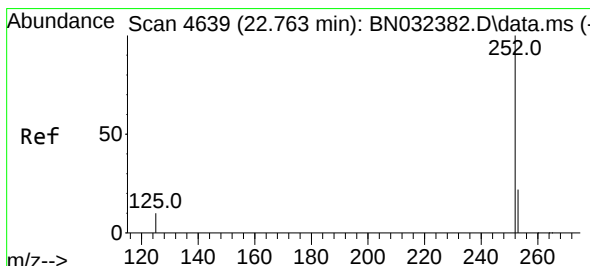
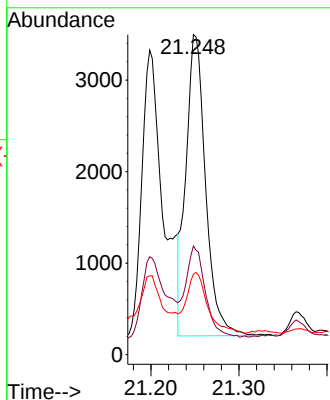
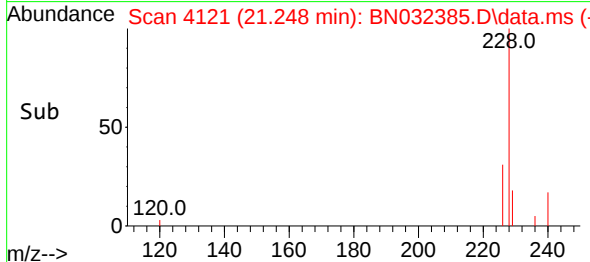
Instrument :
BNA_N
ClientSampleId :
A4CN3



Tgt Ion:228 Resp: 513
Ion Ratio Lower Upper
228 100
226 34.0 23.6 35.4
229 25.2 15.7 23.5

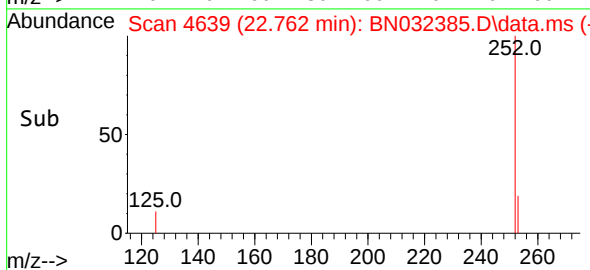
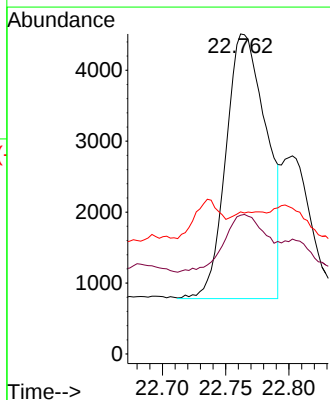
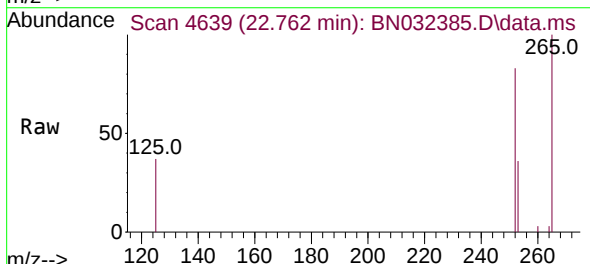
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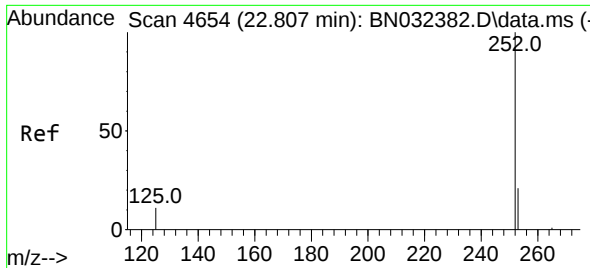
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#24
Benzo(b)fluoranthene
Concen: 0.096 ng/ul m
RT: 22.762 min Scan# 4639
Delta R.T. -0.022 min
Lab File: BN032385.D
Acq: 02 Jul 2024 05:45

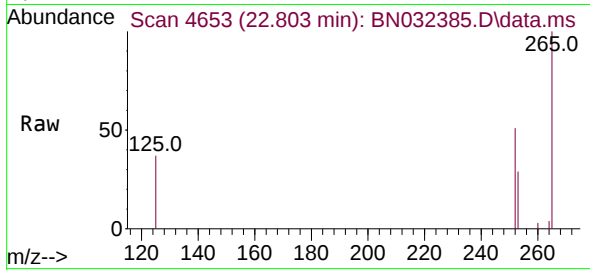
Tgt Ion:252 Resp: 8298
Ion Ratio Lower Upper
252 100
253 43.4 0.0 50.2
125 44.4 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 0.040 ng/ul m
RT: 22.803 min Scan# 4653
Delta R.T. -0.025 min
Lab File: BN032385.D
Acq: 02 Jul 2024 05:45

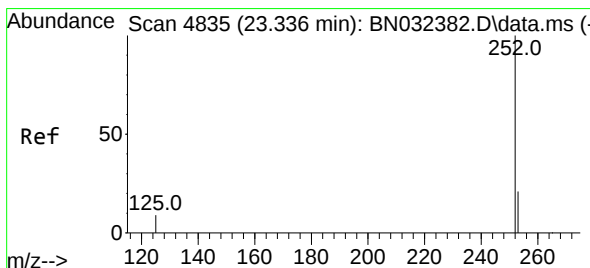
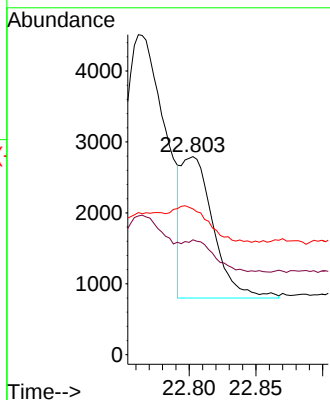
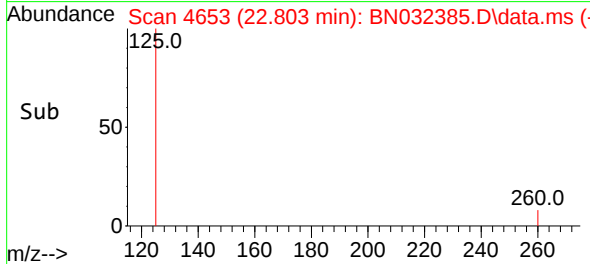
Instrument :
BNA_N
ClientSampleId :
A4CN3



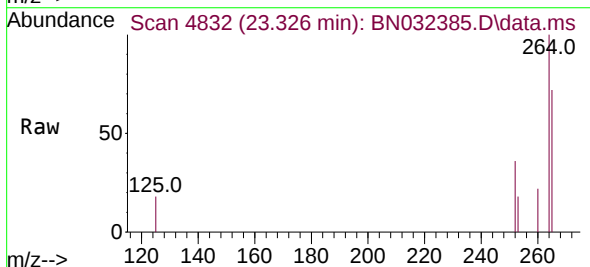
Tgt Ion:252 Resp: 3339
Ion Ratio Lower Upper
252 100
253 58.0 20.3 30.5#
125 73.6 12.8 19.2#

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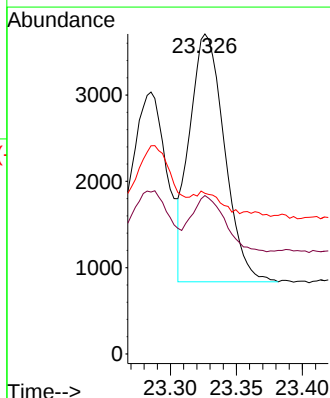
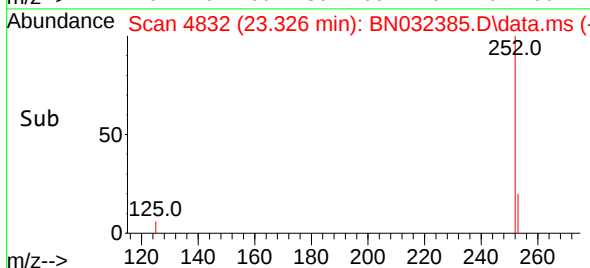
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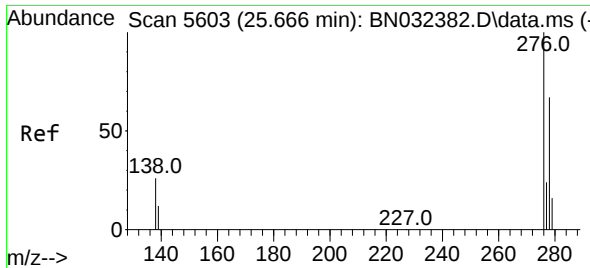


#26
Benzo(a)pyrene
Concen: 0.088 ng/ul
RT: 23.326 min Scan# 4832
Delta R.T. -0.034 min
Lab File: BN032385.D
Acq: 02 Jul 2024 05:45



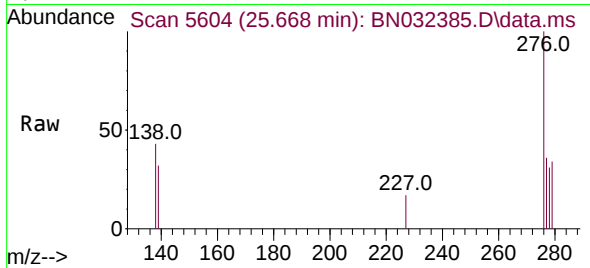
Tgt Ion:252 Resp: 5286
Ion Ratio Lower Upper
252 100
253 49.5 22.2 33.2#
125 50.2 16.4 24.6#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.049 ng/ul
RT: 25.668 min Scan# 5603
Delta R.T. -0.032 min
Lab File: BN032385.D
Acq: 02 Jul 2024 05:45

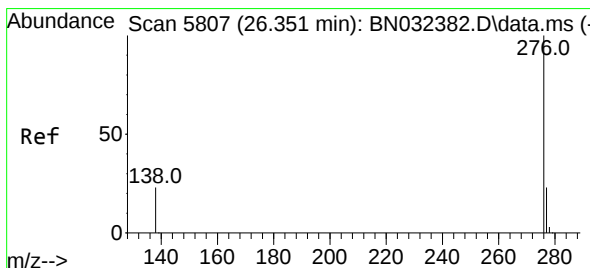
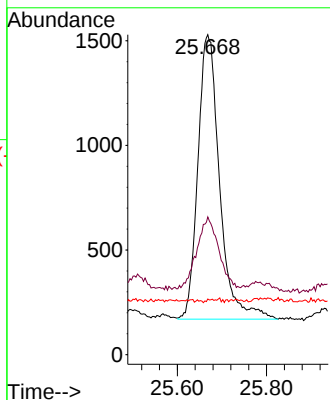
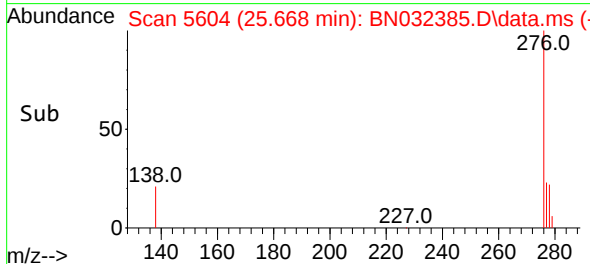
Instrument :
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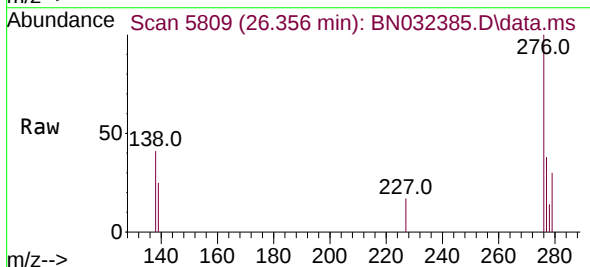
Tgt Ion:276 Resp: 4582
Ion Ratio Lower Upper
276 100
138 25.3 21.3 31.9
227 0.5 0.1 0.1

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.062 ng/ul
RT: 26.356 min Scan# 5809
Delta R.T. -0.025 min
Lab File: BN032385.D
Acq: 02 Jul 2024 05:45



Tgt Ion:276 Resp: 4633
Ion Ratio Lower Upper
276 100
138 40.7 19.8 29.6#
277 37.6 19.8 29.6#

