

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032364.D
 Acq On : 01 Jul 2024 15:49
 Operator : MA/JU
 Sample : P2934-20DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B56DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 16:51:16 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	7.612	152	7515	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	21546	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	11831	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	23508	0.400	ng/ul	-0.01
17) Chrysene-d12	21.217	240	21095	0.400	ng/ul	0.00
23) Perylene-d12	23.433	264	23789m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	5220	0.625	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	1309	0.041	ng/ul	-0.01
18) Fluoranthene-d10	19.050	212	2908	0.046	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.975	152	1305	0.027	ng/ul#	76
15) Phenanthrene	17.054	178	14411	0.224	ng/ul	99
16) Anthracene	17.143	178	3685	0.064	ng/ul#	90
19) Fluoranthene	19.078	202	25171	0.313	ng/ul	97
20) Pyrene	19.440	202	24491	0.292	ng/ul	99
21) Benzo(a)anthracene	21.200	228	12641	0.166	ng/ul	93
22) Chrysene	21.252	228	11489	0.137	ng/ul	94
24) Benzo(b)fluoranthene	22.766	252	15719m	0.152	ng/ul	
25) Benzo(k)fluoranthene	22.807	252	6565m	0.065	ng/ul	
26) Benzo(a)pyrene	23.333	252	11835	0.165	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.670	276	8543	0.076	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.680	278	2181	0.026	ng/ul#	1
29) Benzo(g,h,i)perylene	26.361	276	8433	0.094	ng/ul#	81

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

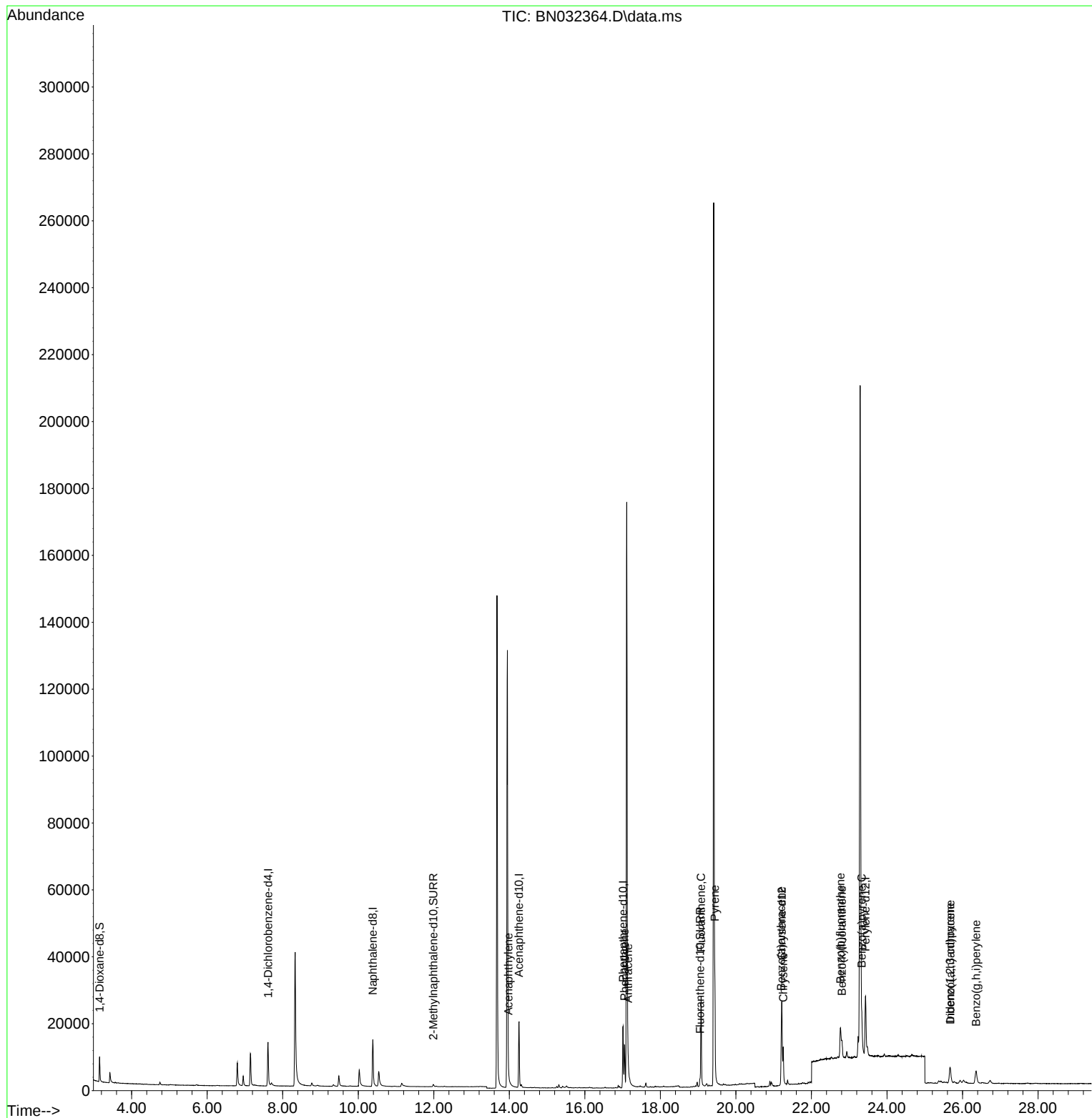
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032364.D
Acq On : 01 Jul 2024 15:49
Operator : MA/JU
Sample : P2934-20DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

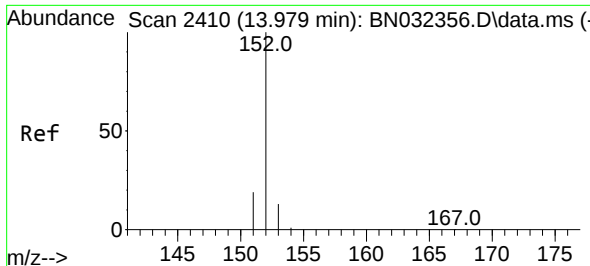
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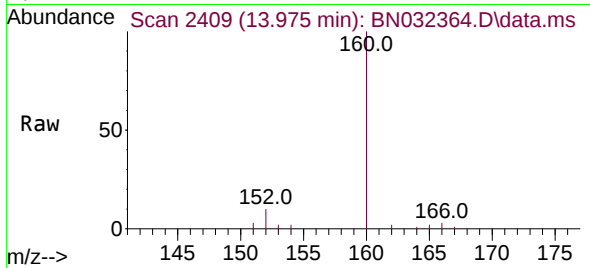
Quant Time: Jul 01 16:51:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 13.975 min Scan# 2410
Delta R.T. -0.014 min
Lab File: BN032364.D
Acq: 01 Jul 2024 15:49

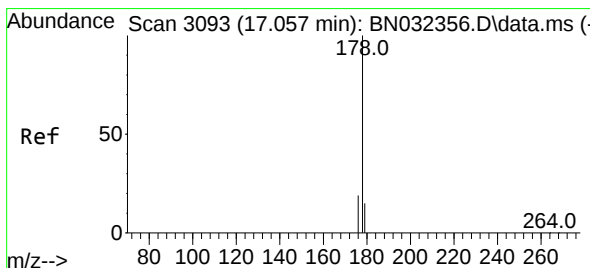
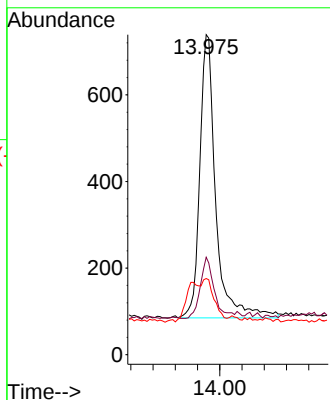
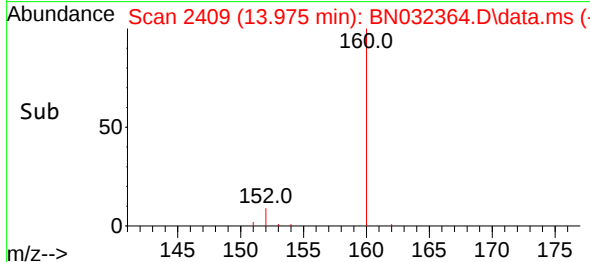
Instrument :
BNA_N
ClientSampleId :
A4B56DL



Tgt Ion:152 Resp: 1309
Ion Ratio Lower Upper
152 100
151 30.4 15.7 23.5
153 23.8 10.9 16.3

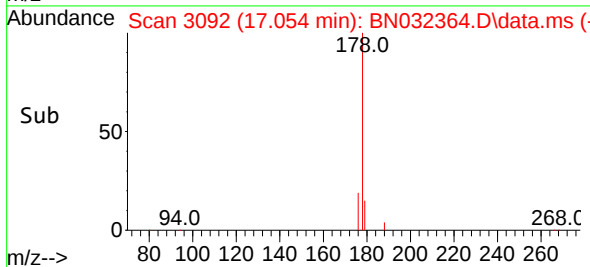
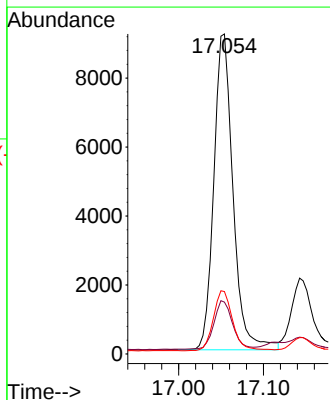
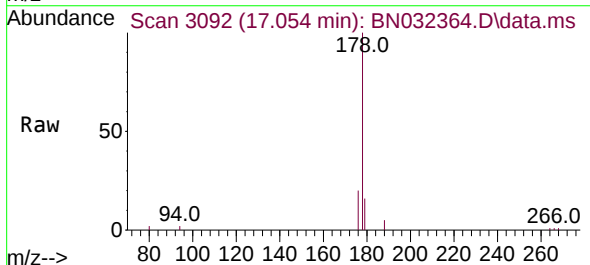
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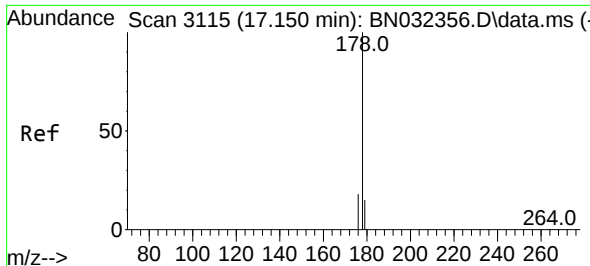
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#15
Phenanthrene
Concen: 0.224 ng/ul
RT: 17.054 min Scan# 3092
Delta R.T. -0.013 min
Lab File: BN032364.D
Acq: 01 Jul 2024 15:49

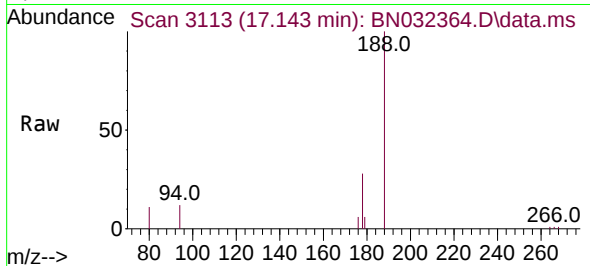
Tgt Ion:178 Resp: 14411
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.5 15.6 23.4





#16
 Anthracene
 Concen: 0.064 ng/ul
 RT: 17.143 min Scan# 3115
 Delta R.T. -0.017 min
 Lab File: BN032364.D
 Acq: 01 Jul 2024 15:49

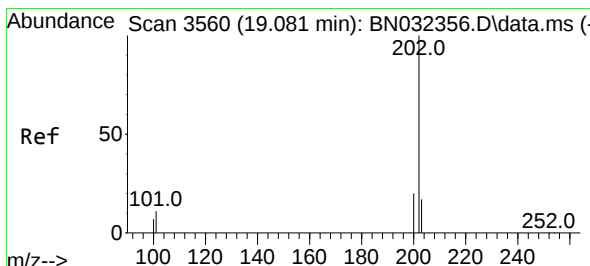
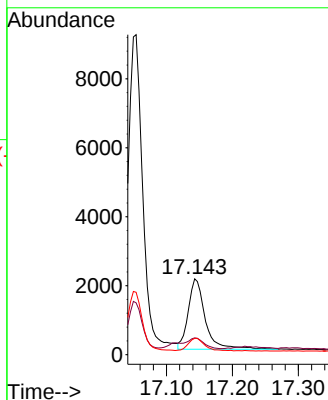
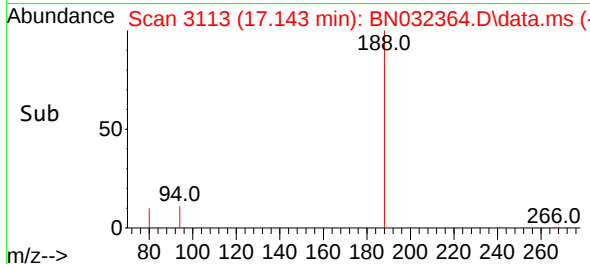
Instrument :
 BNA_N
 ClientSampleId :
 A4B56DL



Tgt Ion:178 Resp: 3685
 Ion Ratio Lower Upper
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 179 22.2 12.5 18.7
 176 21.5 15.0 22.6

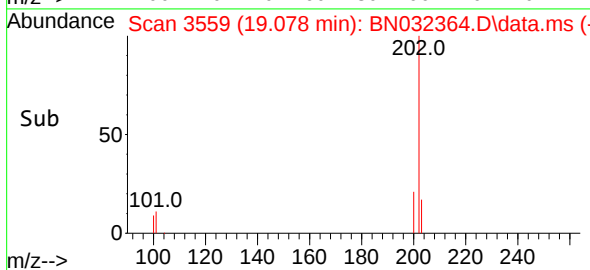
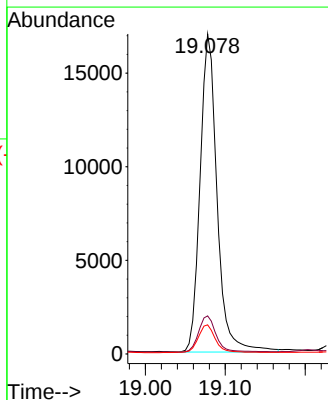
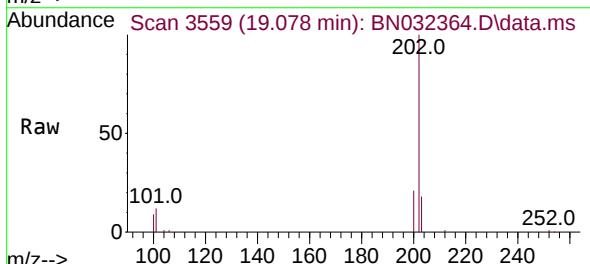
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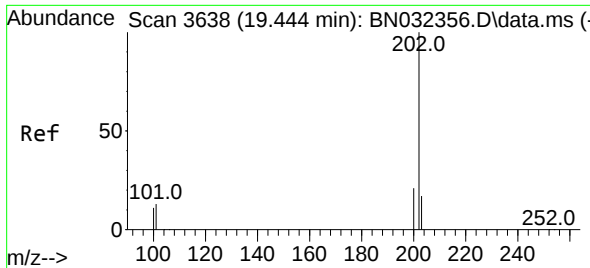
Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



#19
 Fluoranthene
 Concen: 0.313 ng/ul
 RT: 19.078 min Scan# 3559
 Delta R.T. -0.014 min
 Lab File: BN032364.D
 Acq: 01 Jul 2024 15:49

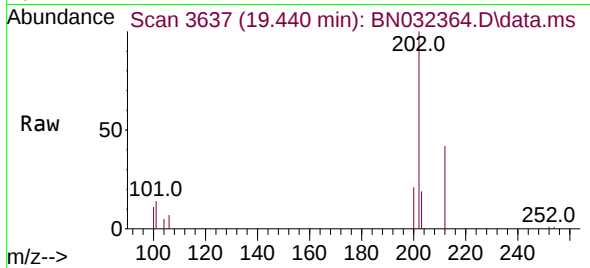
Tgt Ion:202 Resp: 25171
 Ion Ratio Lower Upper
 202 100
 101 11.9 8.8 13.2
 100 9.1 6.4 9.6





#20
Pyrene
Concen: 0.292 ng/ul
RT: 19.440 min Scan# 3638
Delta R.T. -0.014 min
Lab File: BN032364.D
Acq: 01 Jul 2024 15:49

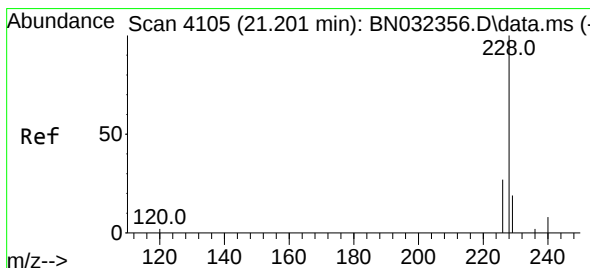
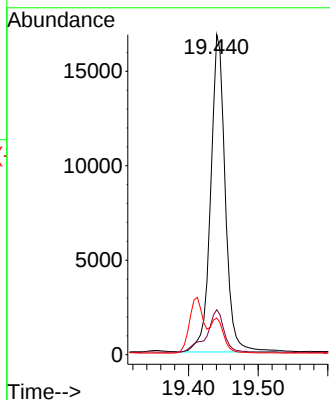
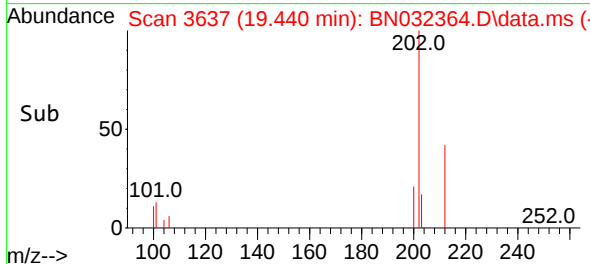
Instrument :
BNA_N
ClientSampleId :
A4B56DL



Tgt Ion:202 Resp: 2449
Ion Ratio Lower Upper
202 100
101 14.1 11.0 16.4
100 11.5 8.7 13.1

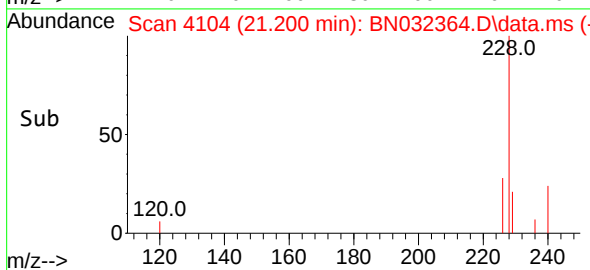
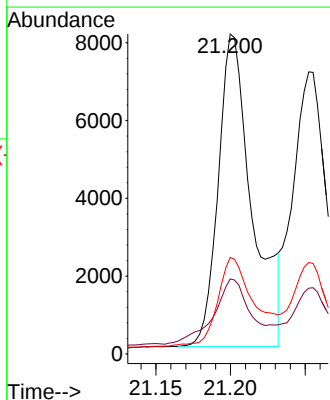
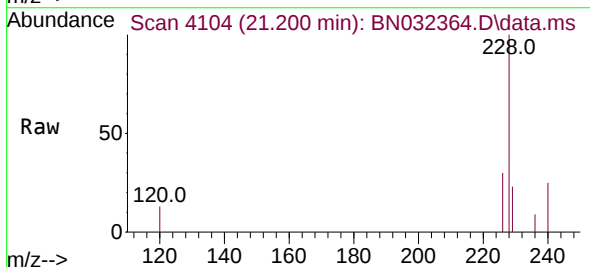
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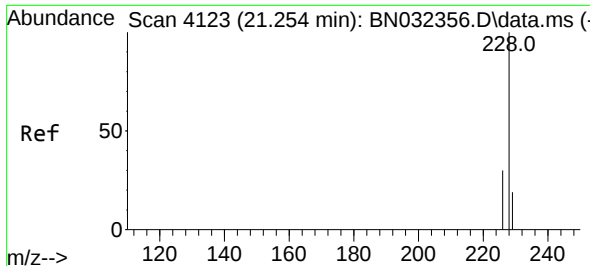
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#21
Benzo(a)anthracene
Concen: 0.166 ng/ul
RT: 21.200 min Scan# 4104
Delta R.T. -0.015 min
Lab File: BN032364.D
Acq: 01 Jul 2024 15:49

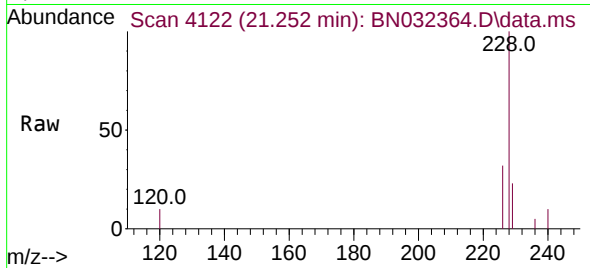
Tgt Ion:228 Resp: 12641
Ion Ratio Lower Upper
228 100
229 23.5 15.7 23.5
226 30.2 21.8 32.8





#22
Chrysene
Concen: 0.137 ng/ul
RT: 21.252 min Scan# 4122
Delta R.T. -0.015 min
Lab File: BN032364.D
Acq: 01 Jul 2024 15:49

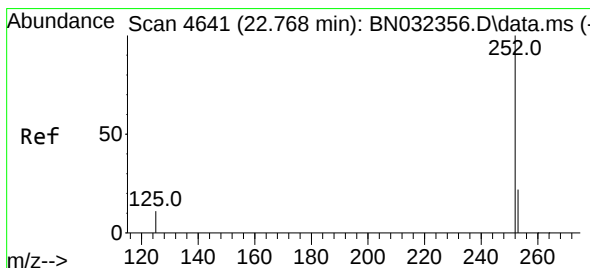
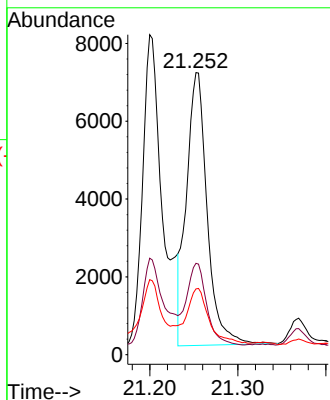
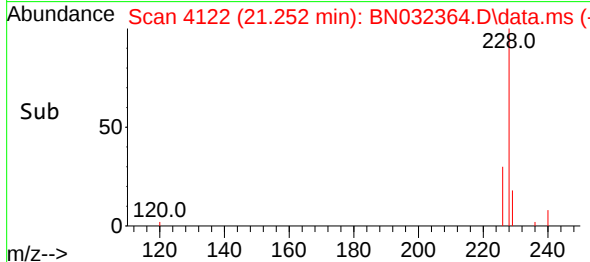
Instrument :
BNA_N
ClientSampleId :
A4B56DL



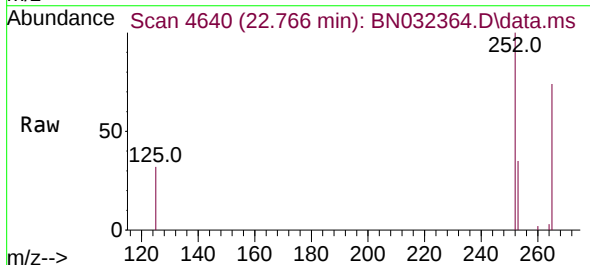
Tgt Ion:228 Resp: 11489
Ion Ratio Lower Upper
228 100
226 32.4 23.6 35.4
229 23.3 15.7 23.5

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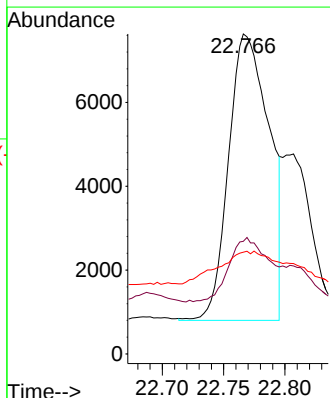
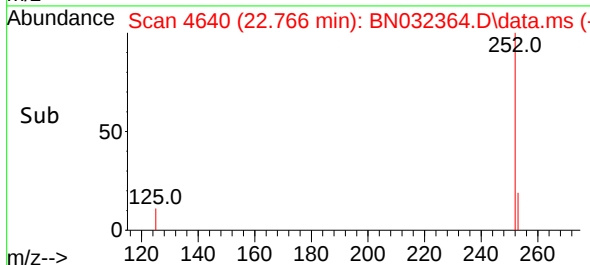
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

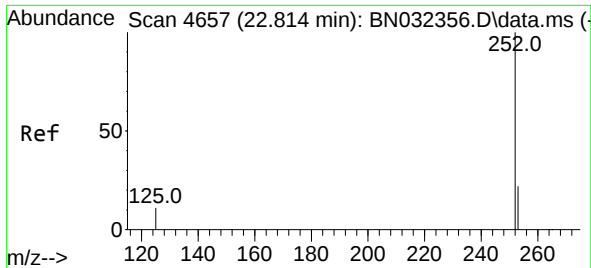


#24
Benzo(b)fluoranthene
Concen: 0.152 ng/ul m
RT: 22.766 min Scan# 4640
Delta R.T. -0.018 min
Lab File: BN032364.D
Acq: 01 Jul 2024 15:49



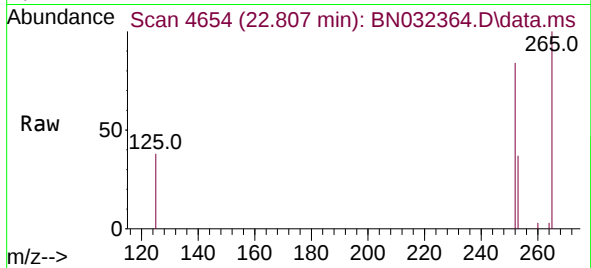
Tgt Ion:252 Resp: 15719
Ion Ratio Lower Upper
252 100
253 35.2 0.0 50.2
125 31.8 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 0.065 ng/ul m
RT: 22.807 min Scan# 4657
Delta R.T. -0.021 min
Lab File: BN032364.D
Acq: 01 Jul 2024 15:49

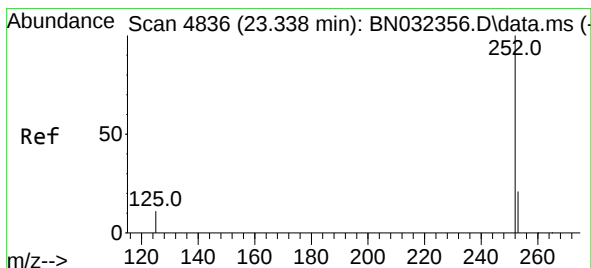
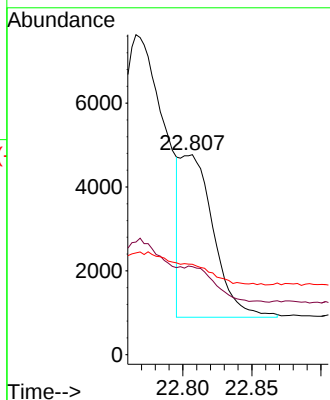
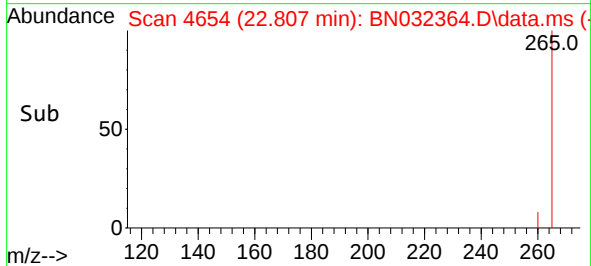
Instrument :
BNA_N
ClientSampleId :
A4B56DL



Tgt Ion:252 Resp: 656
Ion Ratio Lower Upper
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253 44.0 20.3 30.5
125 45.2 12.8 19.2

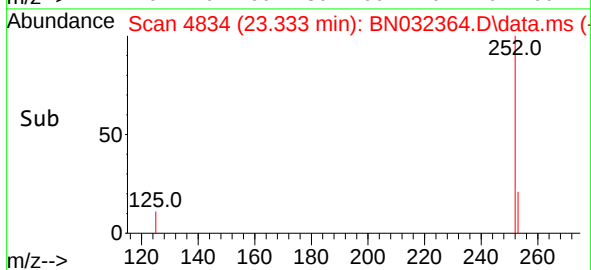
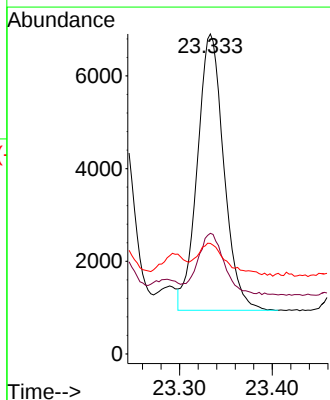
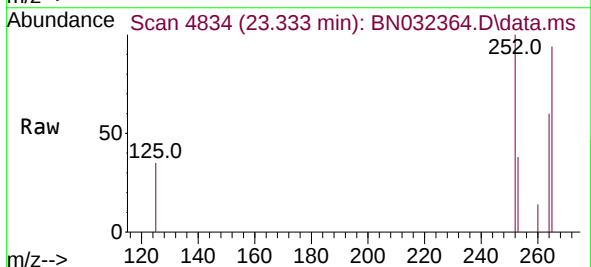
Manual Integrations
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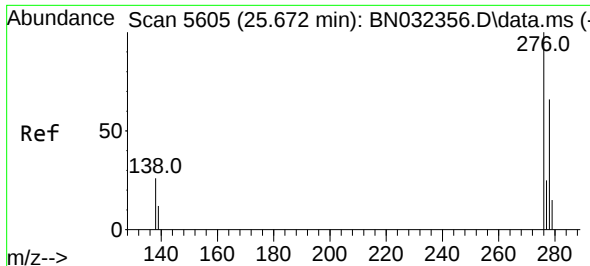
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#26
Benzo(a)pyrene
Concen: 0.165 ng/ul
RT: 23.333 min Scan# 4834
Delta R.T. -0.026 min
Lab File: BN032364.D
Acq: 01 Jul 2024 15:49

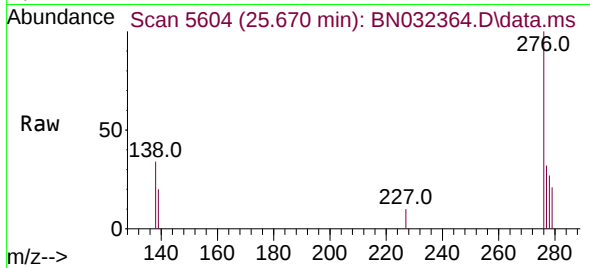
Tgt Ion:252 Resp: 11835
Ion Ratio Lower Upper
252 100
253 37.7 22.2 33.2#
125 34.5 16.4 24.6#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.076 ng/ul
RT: 25.670 min Scan# 5605
Delta R.T. -0.030 min
Lab File: BN032364.D
Acq: 01 Jul 2024 15:49

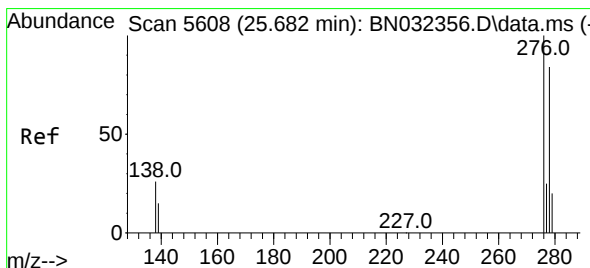
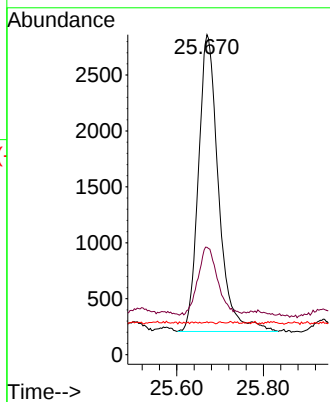
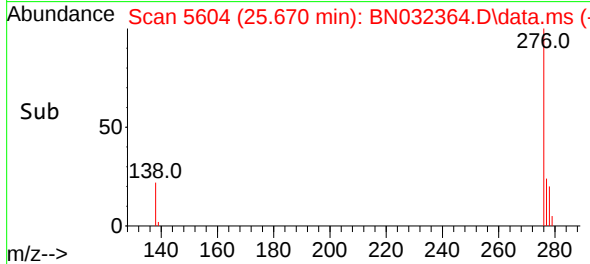
Instrument :
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A4B56DL



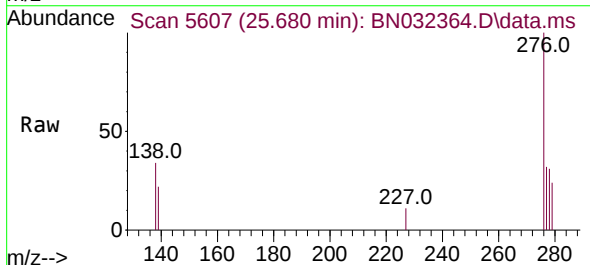
Tgt Ion: 276 Resp: 854
Ion Ratio Lower Upper
276 100
138 22.4 21.3 31.9
227 0.2 0.1 0.1

Manual Integrations
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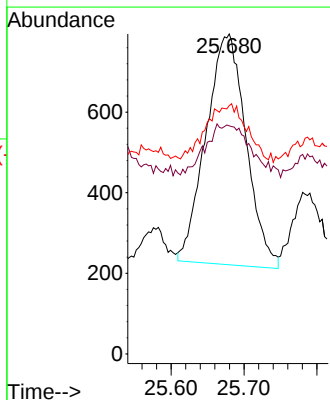
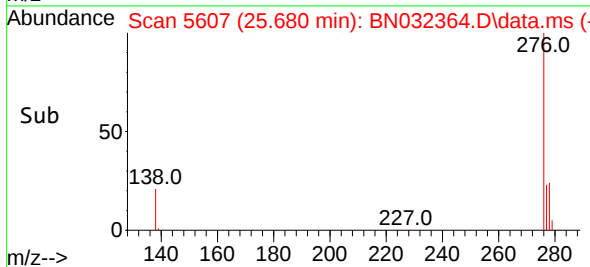
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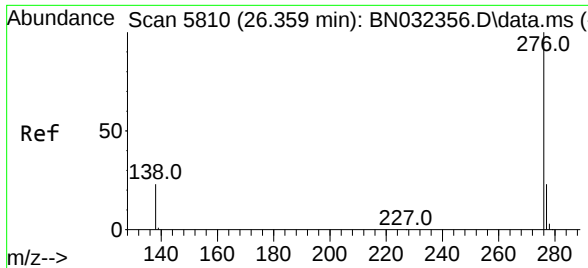


#28
Dibenzo(a,h)anthracene
Concen: 0.026 ng/ul
RT: 25.680 min Scan# 5607
Delta R.T. -0.030 min
Lab File: BN032364.D
Acq: 01 Jul 2024 15:49



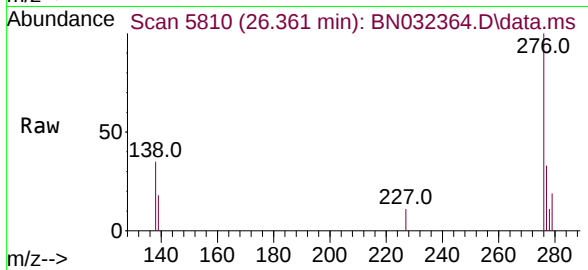
Tgt Ion: 278 Resp: 2181
Ion Ratio Lower Upper
278 100
139 71.3 15.9 23.9#
279 77.6 21.1 31.7#





#29
 Benzo(g,h,i)perylene
 Concen: 0.094 ng/ul
 RT: 26.361 min Scan# 5810
 Delta R.T. -0.020 min
 Lab File: BN032364.D
 Acq: 01 Jul 2024 15:49

Instrument :
 BNA_N
 ClientSampleId :
 A4B56DL



Tgt Ion:	276	Resp:	843
Ion Ratio	Lower	Upper	
276	100		
138	34.9	19.8	29.6
277	33.1	19.8	29.6

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