

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
 Data File : BN033005.D
 Acq On : 26 Jul 2024 20:03
 Operator : MA/JU
 Sample : P3264-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CM5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/29/2024
 Supervised By :mohammad ahmed 08/13/2024

Quant Time: Jul 26 23:33:59 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jul 25 15:43:00 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.507	152	3780	0.400	ng/ul	#-0.02
4) Naphthalene-d8	10.267	136	13241	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.152	164	7905	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.916	188	17375m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.142	240	16384m	0.400	ng/ul	-0.02
23) Perylene-d12	23.325	264	16883m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	14114	2.952	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.890	152	3684	0.171	ng/ul	-0.02
18) Fluoranthene-d10	18.963	212	9571	0.206	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.317	128	996	0.029	ng/ul#	77
10) Acenaphthylene	13.875	152	2479	0.077	ng/ul#	91
11) Acenaphthene	14.217	153	1811	0.074	ng/ul	98
12) Fluorene	15.216	166	2469	0.087	ng/ul	99
15) Phenanthrene	16.958	178	36688m	0.787	ng/ul	
16) Anthracene	17.051	178	8726m	0.208	ng/ul	
19) Fluoranthene	18.991	202	60036	1.113	ng/ul	99
20) Pyrene	19.358	202	56567	0.978	ng/ul	97
21) Benzo(a)anthracene	21.128	228	31312	0.560	ng/ul	98
22) Chrysene	21.180	228	27628	0.424	ng/ul	99
24) Benzo(b)fluoranthene	22.676	252	39108m	0.793	ng/ul	
25) Benzo(k)fluoranthene	22.709	252	14608m	0.247	ng/ul	
26) Benzo(a)pyrene	23.226	252	28560	0.615	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.534	276	18692	0.265	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.527	278	4495	0.080	ng/ul#	61
29) Benzo(g,h,i)perylene	26.208	276	18817	0.336	ng/ul	99

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

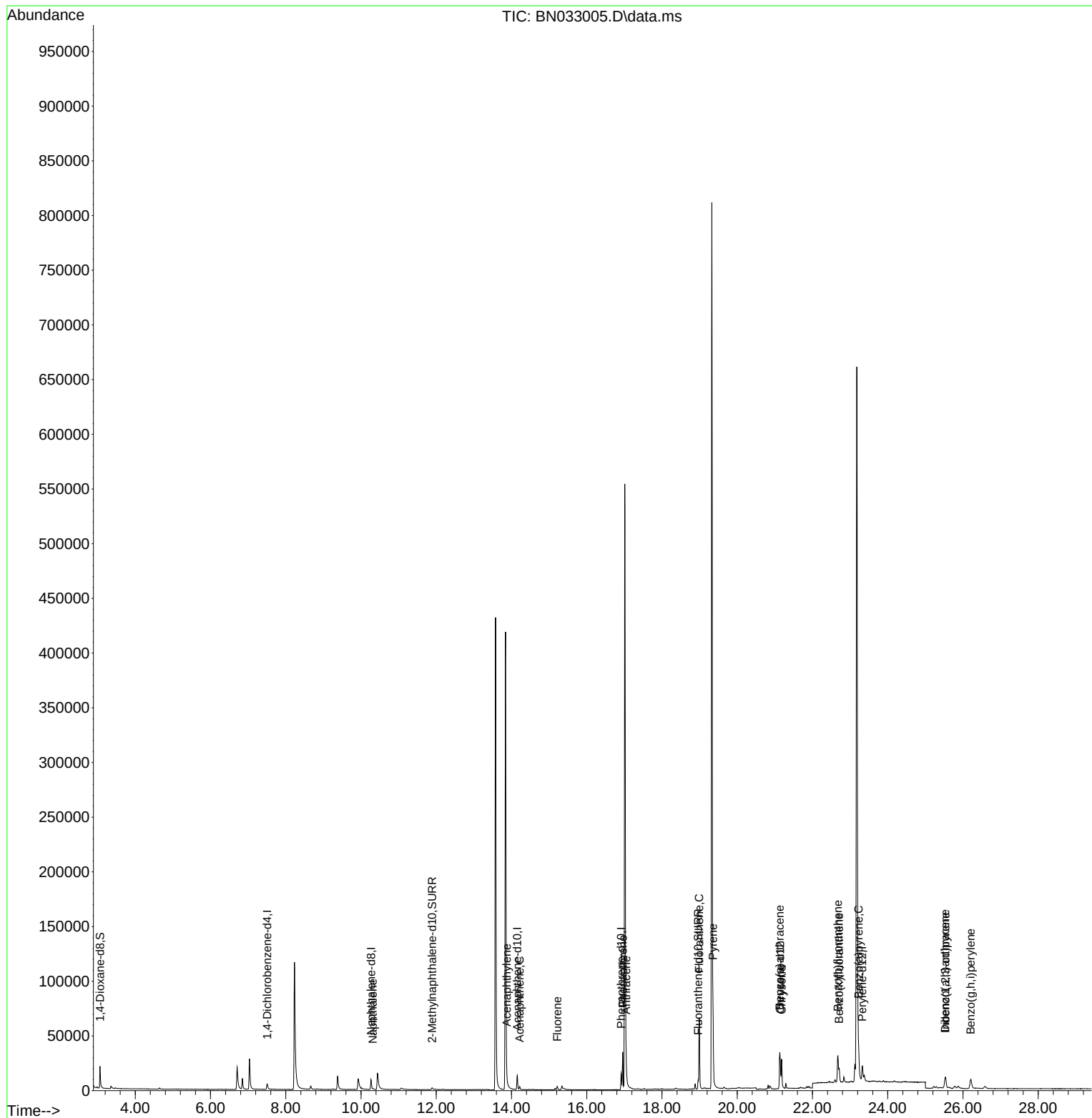
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033005.D
Acq On : 26 Jul 2024 20:03
Operator : MA/JU
Sample : P3264-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

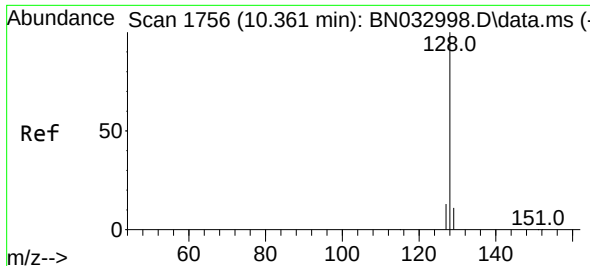
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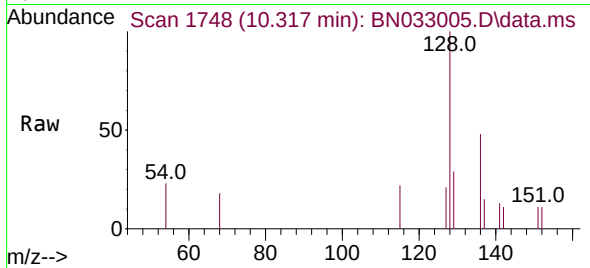
Quant Time: Jul 26 23:33:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.317 min Scan# 11
Delta R.T. -0.033 min
Lab File: BN033005.D
Acq: 26 Jul 2024 20:03

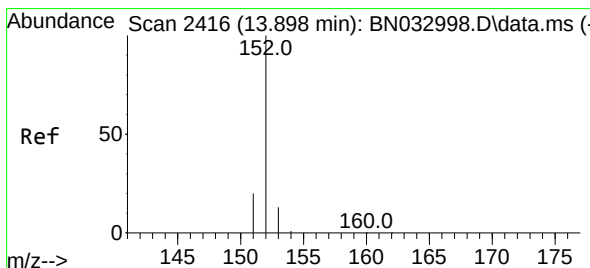
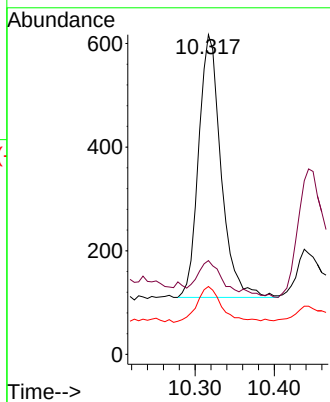
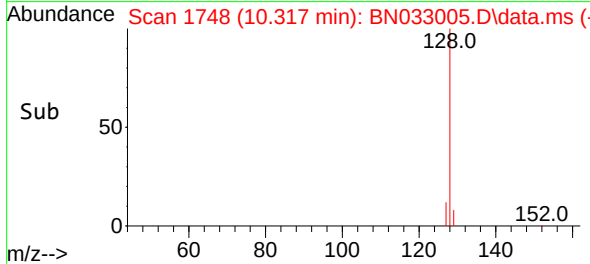
Instrument :
BNA_N
ClientSampleId :
A4CM5



Tgt Ion:128 Resp: 990
Ion Ratio Lower Upper
128 100
129 29.3 12.0 18.0
127 21.2 12.7 19.1

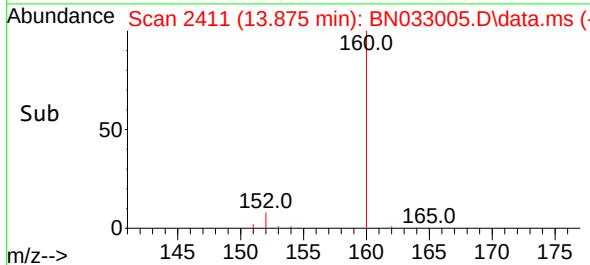
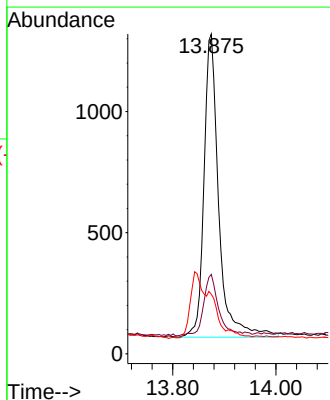
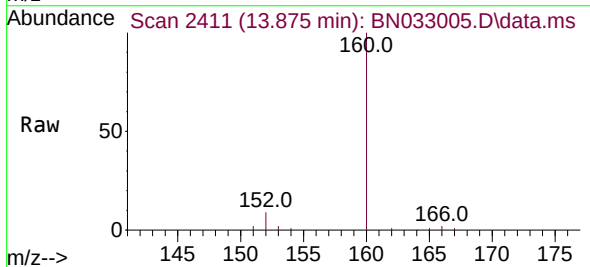
Manual Integrations
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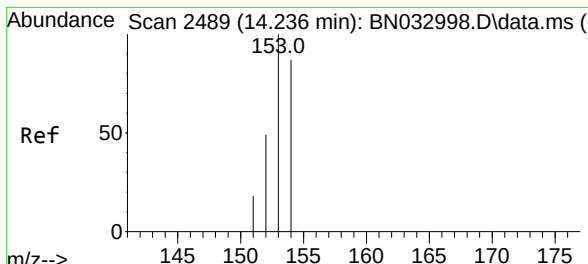
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



#10
Acenaphthylene
Concen: 0.077 ng/ul
RT: 13.875 min Scan# 2411
Delta R.T. -0.023 min
Lab File: BN033005.D
Acq: 26 Jul 2024 20:03

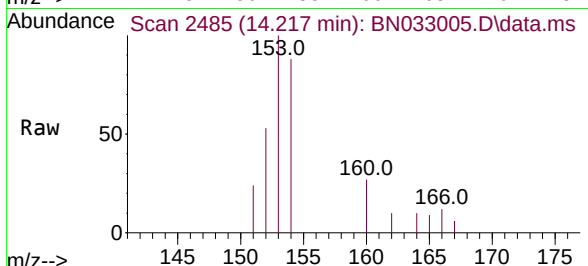
Tgt Ion:152 Resp: 2479
Ion Ratio Lower Upper
152 100
151 24.8 16.8 25.2
153 18.6 11.9 17.9





#11
Acenaphthene
Concen: 0.074 ng/ul
RT: 14.217 min Scan# 2485
Delta R.T. -0.019 min
Lab File: BN033005.D
Acq: 26 Jul 2024 20:03

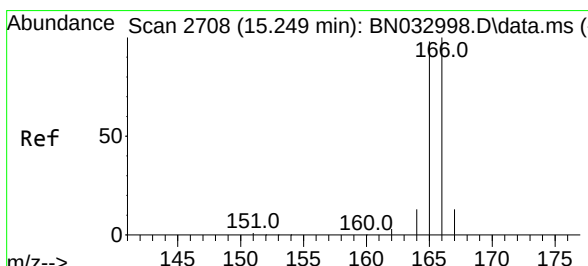
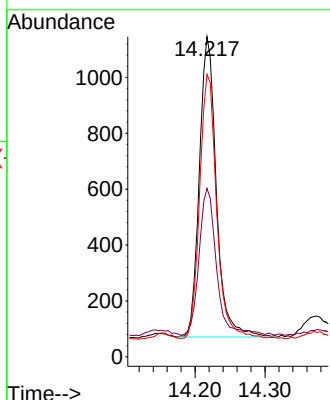
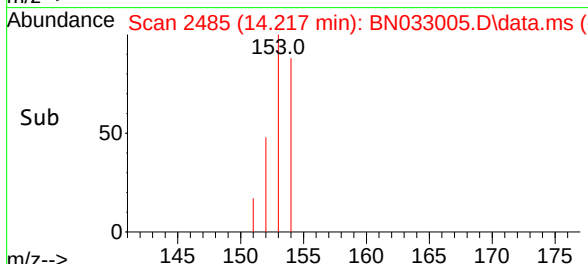
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 181
Ion Ratio Lower Upper
153 100
152 52.6 40.0 60.0
154 88.2 70.1 105.1

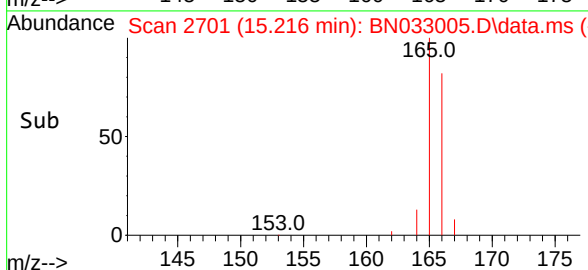
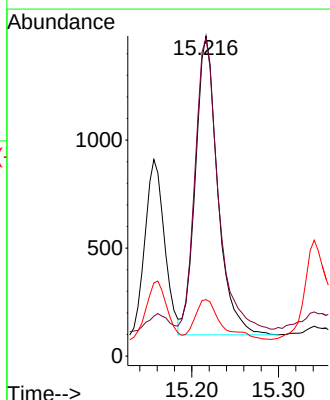
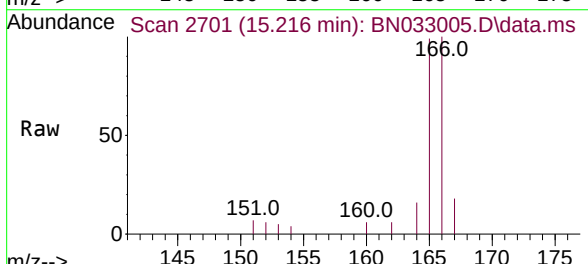
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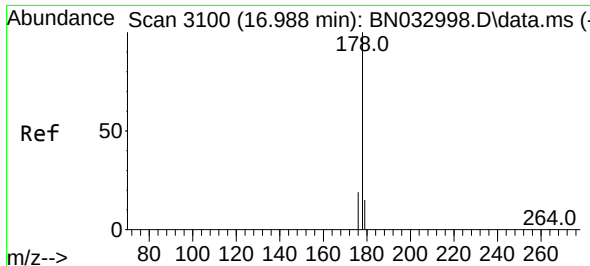
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



#12
Fluorene
Concen: 0.087 ng/ul
RT: 15.216 min Scan# 2701
Delta R.T. -0.028 min
Lab File: BN033005.D
Acq: 26 Jul 2024 20:03

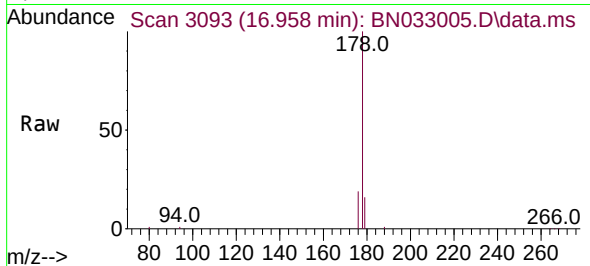
Tgt Ion:166 Resp: 2469
Ion Ratio Lower Upper
166 100
165 99.2 79.6 119.4
167 17.6 12.2 18.4





#15
Phenanthrene
Concen: 0.787 ng/ul m
RT: 16.958 min Scan# 3093
Delta R.T. -0.030 min
Lab File: BN033005.D
Acq: 26 Jul 2024 20:03

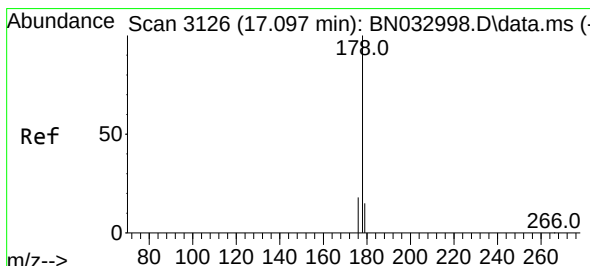
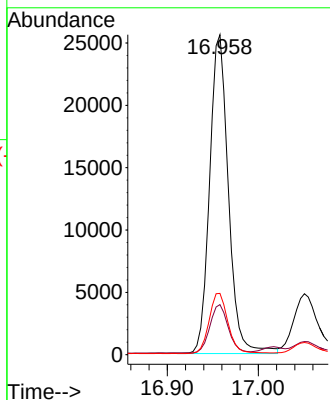
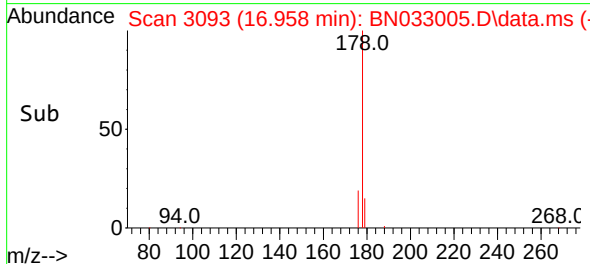
Instrument :
BNA_N
ClientSampleId :
A4CM5



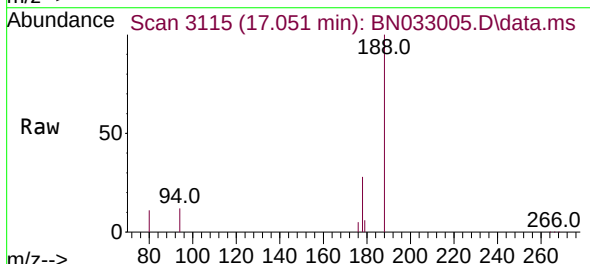
Tgt Ion:178 Resp: 3668
Ion Ratio Lower Upper
178 100
179 15.7 13.7 20.5
176 19.2 15.9 23.9

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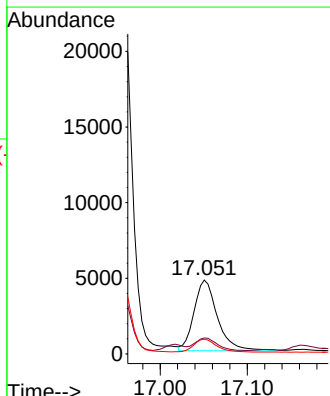
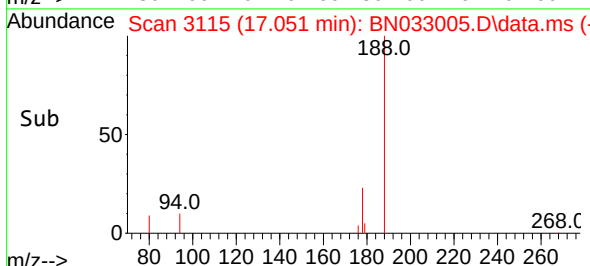
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024

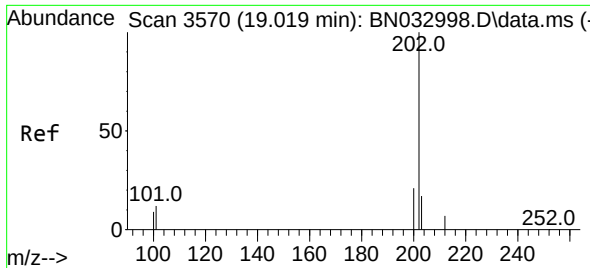


#16
Anthracene
Concen: 0.208 ng/ul m
RT: 17.051 min Scan# 3115
Delta R.T. -0.034 min
Lab File: BN033005.D
Acq: 26 Jul 2024 20:03



Tgt Ion:178 Resp: 8726
Ion Ratio Lower Upper
178 100
179 21.6 14.3 21.5#
176 19.9 15.8 23.8





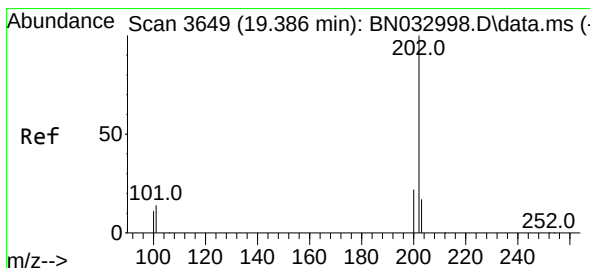
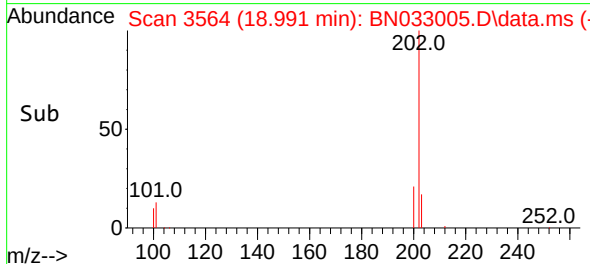
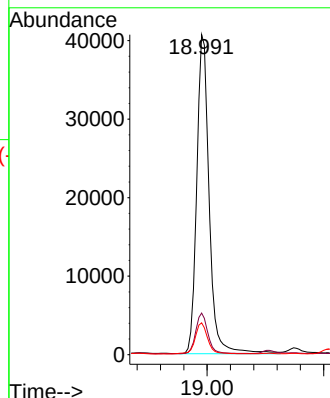
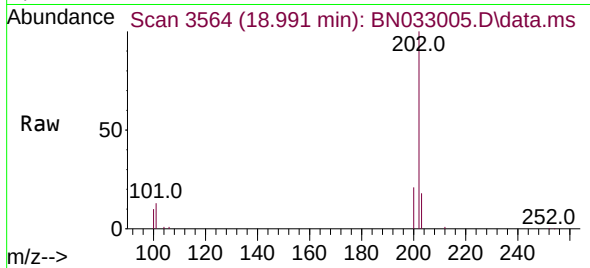
#19
Fluoranthene
Concen: 1.113 ng/u1
RT: 18.991 min Scan# 3564
Delta R.T. -0.023 min
Lab File: BN033005.D
Acq: 26 Jul 2024 20:03

Instrument :
BNA_N
ClientSampleId :
A4CM5

Tgt Ion:202 Resp: 60030
Ion Ratio Lower Upper
202 100
101 13.0 10.7 16.1
100 10.0 8.3 12.5

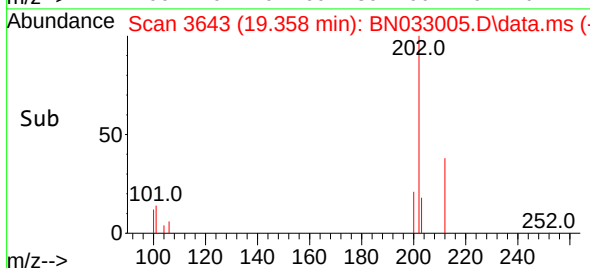
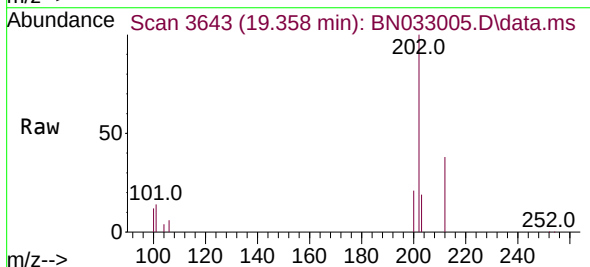
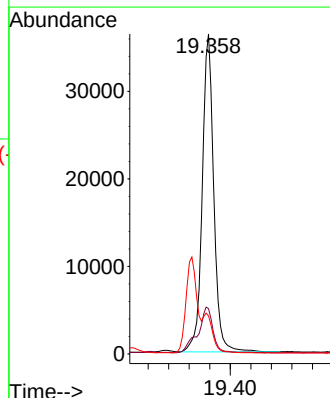
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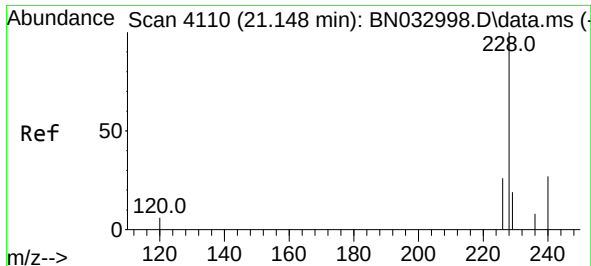
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



#20
Pyrene
Concen: 0.978 ng/u1
RT: 19.358 min Scan# 3643
Delta R.T. -0.023 min
Lab File: BN033005.D
Acq: 26 Jul 2024 20:03

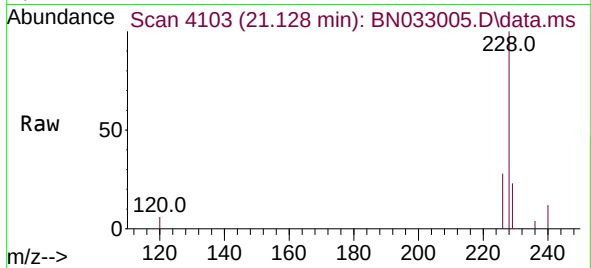
Tgt Ion:202 Resp: 56567
Ion Ratio Lower Upper
202 100
101 14.2 12.6 18.8
100 11.9 9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.560 ng/ul
RT: 21.128 min Scan# 4110
Delta R.T. -0.018 min
Lab File: BN033005.D
Acq: 26 Jul 2024 20:03

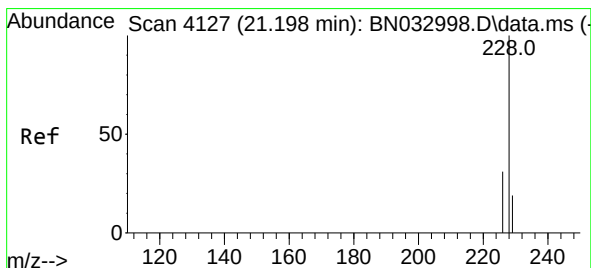
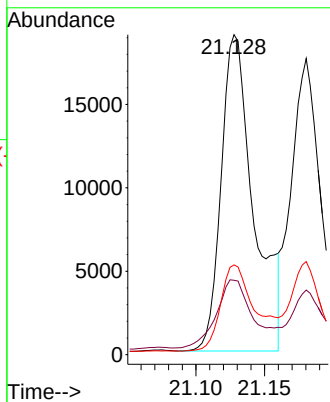
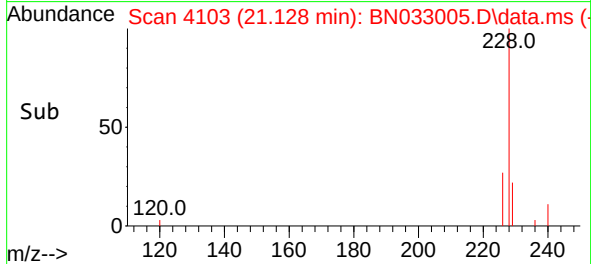
Instrument :
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A4CM5



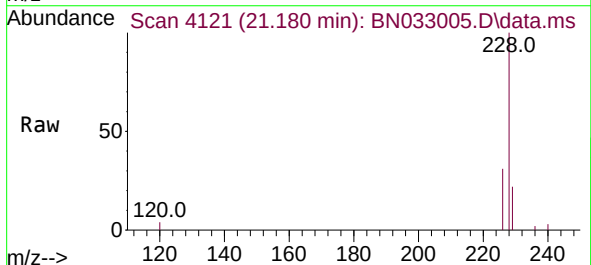
Tgt Ion:228 Resp: 3131
Ion Ratio Lower Upper
228 100
229 23.3 17.1 25.7
226 28.0 22.4 33.6

Manual Integrations
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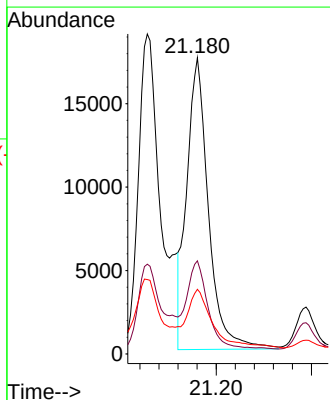
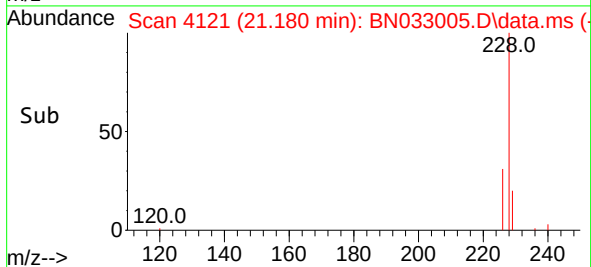
Reviewed By :Jagrut Upadhyay 07/29/2024
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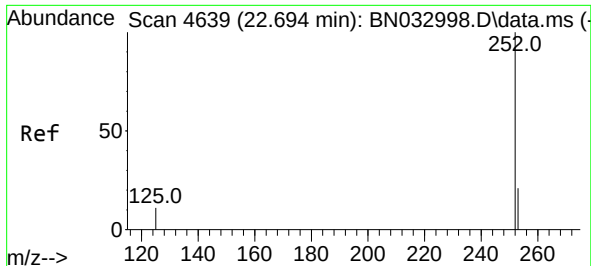


#22
Chrysene
Concen: 0.424 ng/ul
RT: 21.180 min Scan# 4121
Delta R.T. -0.015 min
Lab File: BN033005.D
Acq: 26 Jul 2024 20:03



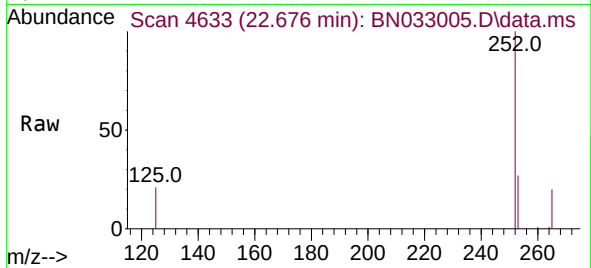
Tgt Ion:228 Resp: 27628
Ion Ratio Lower Upper
228 100
226 31.5 24.7 37.1
229 21.8 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 0.793 ng/ul m
RT: 22.676 min Scan# 4633
Delta R.T. -0.018 min
Lab File: BN033005.D
Acq: 26 Jul 2024 20:03

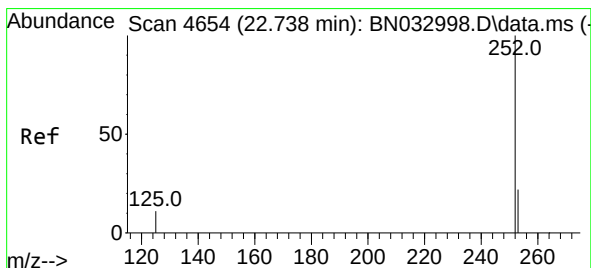
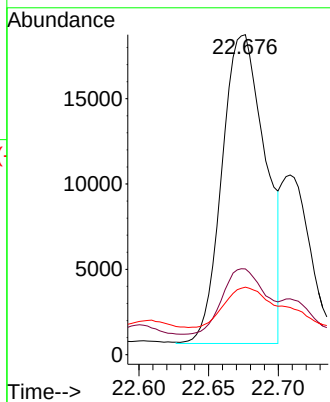
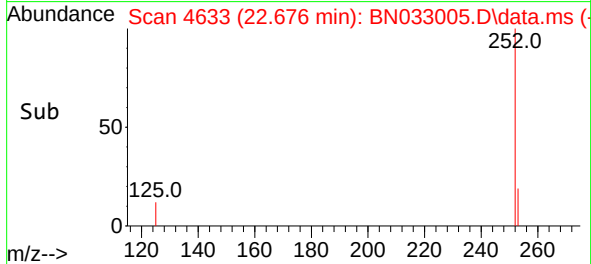
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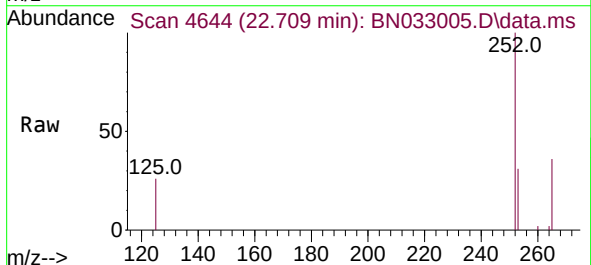
Tgt Ion:252 Resp: 39108
Ion Ratio Lower Upper
252 100
253 26.8 0.0 60.6
125 21.1 0.0 51.0

Manual Integrations
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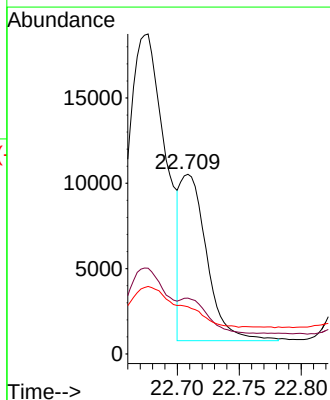
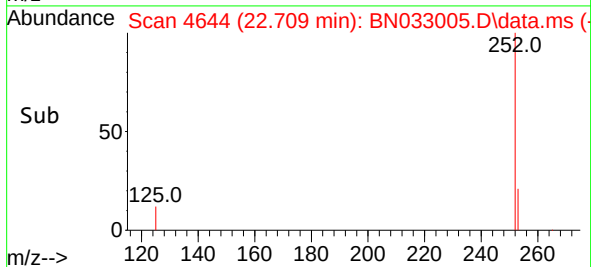
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024

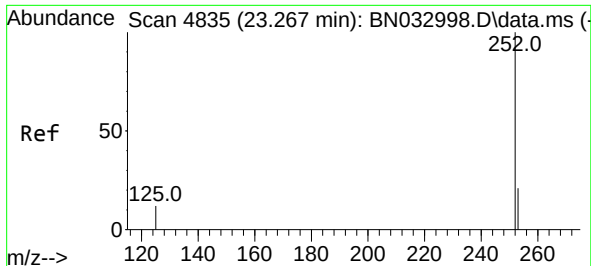


#25
Benzo(k)fluoranthene
Concen: 0.247 ng/ul m
RT: 22.709 min Scan# 4644
Delta R.T. -0.026 min
Lab File: BN033005.D
Acq: 26 Jul 2024 20:03



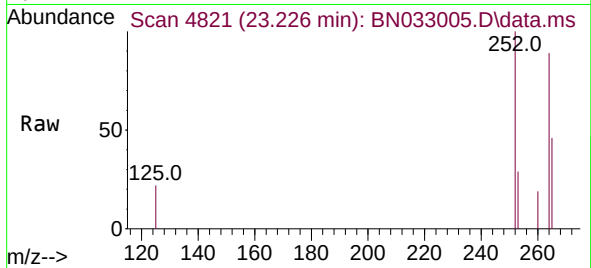
Tgt Ion:252 Resp: 14608
Ion Ratio Lower Upper
252 100
253 31.1 24.9 37.3
125 26.3 20.9 31.3





#26
Benzo(a)pyrene
Concen: 0.615 ng/ul
RT: 23.226 min Scan# 4821
Delta R.T. -0.035 min
Lab File: BN033005.D
Acq: 26 Jul 2024 20:03

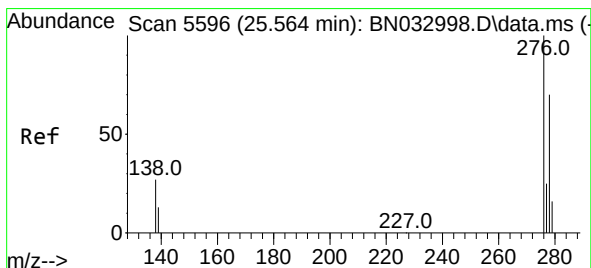
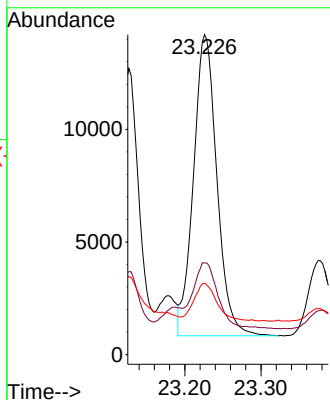
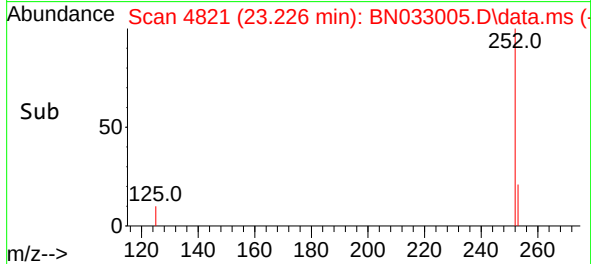
Instrument :
BNA_N
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A4CM5



Tgt Ion:252 Resp: 28560
Ion Ratio Lower Upper
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125 22.4 27.0 40.6

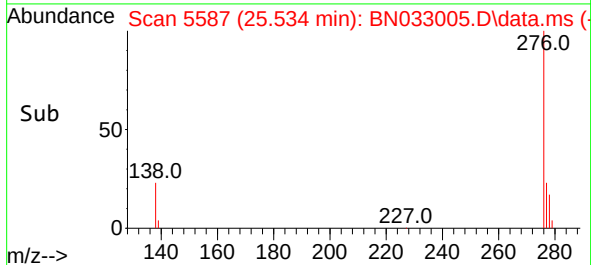
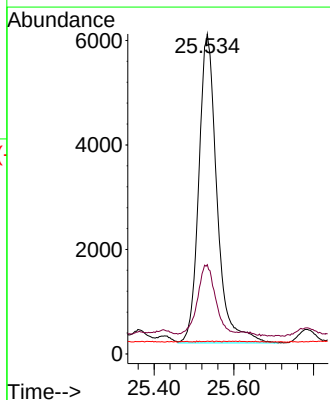
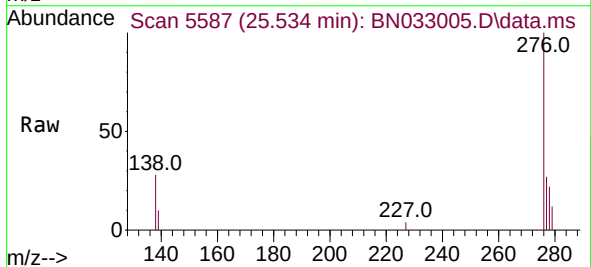
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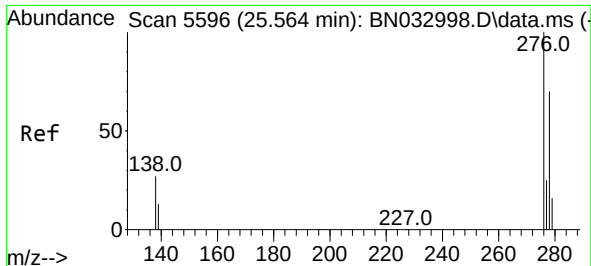
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.265 ng/ul
RT: 25.534 min Scan# 5587
Delta R.T. -0.027 min
Lab File: BN033005.D
Acq: 26 Jul 2024 20:03

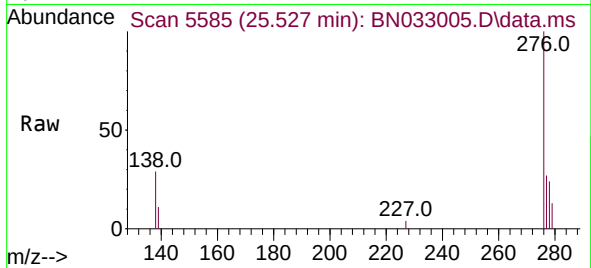
Tgt Ion:276 Resp: 18692
Ion Ratio Lower Upper
276 100
138 23.7 21.8 32.8
227 0.1 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.080 ng/ul
RT: 25.527 min Scan# 5585
Delta R.T. -0.034 min
Lab File: BN033005.D
Acq: 26 Jul 2024 20:03

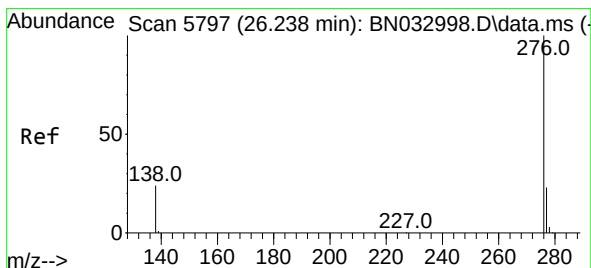
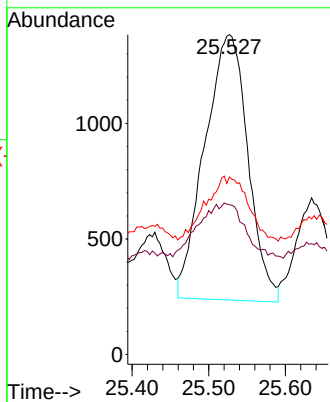
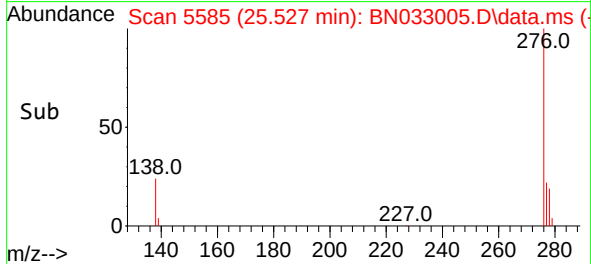
Instrument :
BNA_N
ClientSampleId :
A4CM5



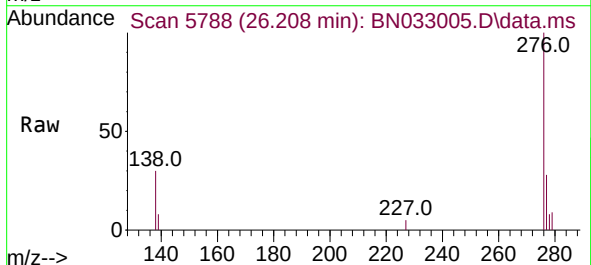
Tgt Ion:278 Resp: 449
Ion Ratio Lower Upper
278 100
139 46.8 22.5 33.7
279 55.5 25.5 38.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



#29
Benzo(g,h,i)perylene
Concen: 0.336 ng/ul
RT: 26.208 min Scan# 5788
Delta R.T. -0.034 min
Lab File: BN033005.D
Acq: 26 Jul 2024 20:03



Tgt Ion:276 Resp: 18817
Ion Ratio Lower Upper
276 100
138 29.9 24.6 37.0
277 28.4 22.6 34.0

