

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
 Data File : BN033156.D
 Acq On : 01 Aug 2024 07:07
 Operator : MA/JU
 Sample : P3283-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CM2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/01/2024
 Supervised By :mohammad ahmed 08/13/2024

Quant Time: Aug 01 07:43:42 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 : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.482	152	2806m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.240	136	9185	0.400	ng/ul	#-0.08
9) Acenaphthene-d10	14.129	164	5289	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.895	188	11683m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.128	240	9507m	0.400	ng/ul	-0.02
23) Perylene-d12	23.305	264	8231m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	12445	3.506	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.857	152	3093	0.206	ng/ul	-0.07
18) Fluoranthene-d10	18.940	212	7233	0.269	ng/ul	-0.03
Target Compounds						Qvalue
5) Naphthalene	10.289	128	785	0.033	ng/ul#	73
10) Acenaphthylene	13.847	152	1968	0.091	ng/ul#	90
11) Acenaphthene	14.194	153	453	0.028	ng/ul#	92
12) Fluorene	15.189	166	672	0.035	ng/ul#	95
15) Phenanthrene	16.933	178	14132m	0.451	ng/ul	
16) Anthracene	17.026	178	2746m	0.097	ng/ul	
19) Fluoranthene	18.972	202	33852	1.081	ng/ul	98
20) Pyrene	19.335	202	31216	0.930	ng/ul	98
21) Benzo(a)anthracene	21.113	228	15492	0.478	ng/ul	95
22) Chrysene	21.163	228	16102	0.425	ng/ul	98
24) Benzo(b)fluoranthene	22.650	252	24052m	1.000	ng/ul	
25) Benzo(k)fluoranthene	22.688	252	8454m	0.293	ng/ul	
26) Benzo(a)pyrene	23.200	252	13778	0.609	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.503	276	11401	0.331	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.497	278	2862	0.105	ng/ul#	30
29) Benzo(g,h,i)perylene	26.178	276	11392	0.417	ng/ul	98

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

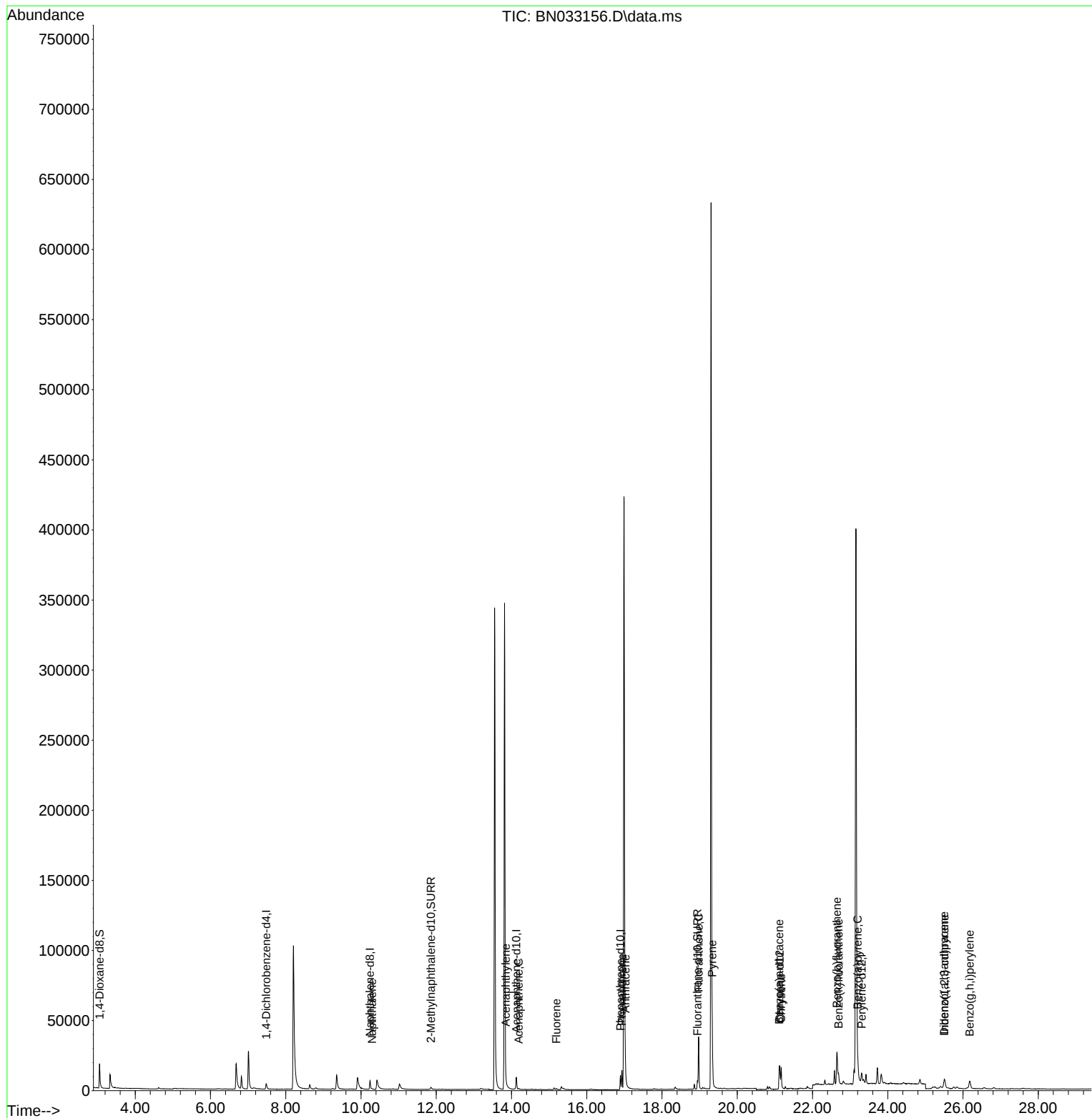
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
Data File : BN033156.D
Acq On : 01 Aug 2024 07:07
Operator : MA/JU
Sample : P3283-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

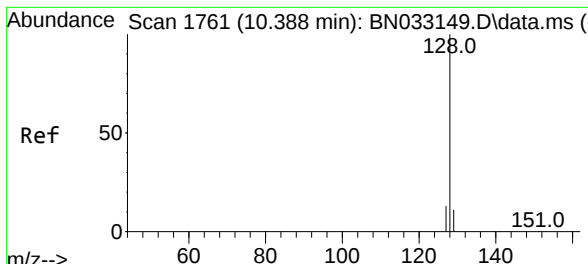
Instrument :
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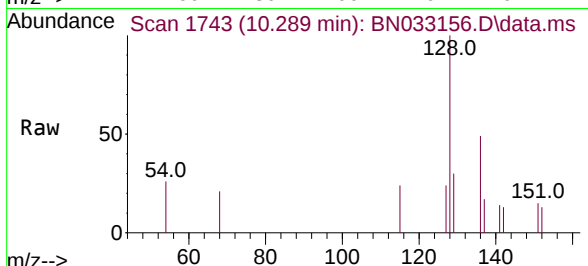
Quant Time: Aug 01 07:43:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration





#5
Naphthalene
 Concen: 0.033 ng/ul
 RT: 10.289 min Scan# 1743
 Delta R.T. -0.088 min
 Lab File: BN033156.D
 Acq: 01 Aug 2024 07:07

Instrument :
 BNA_N
ClientSampleId :
 A4CM2

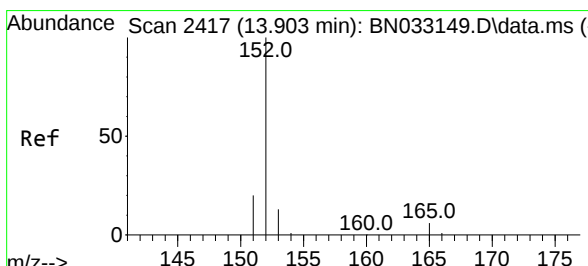
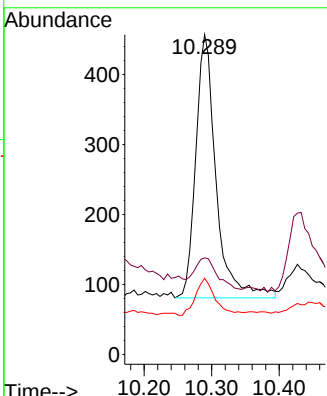
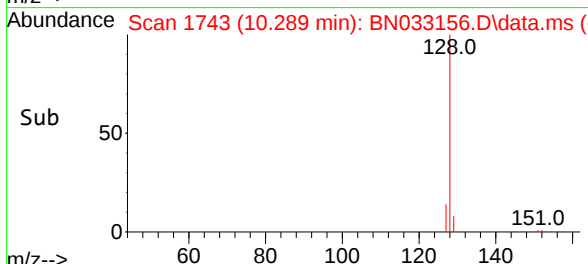


Tgt Ion:128 Resp: 789

Ion	Ratio	Lower	Upper
128	100		
129	30.2	12.0	18.0
127	23.9	12.7	19.1

Manual Integrations
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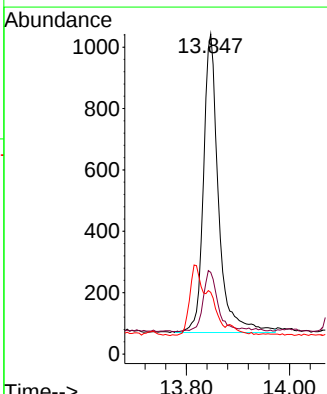
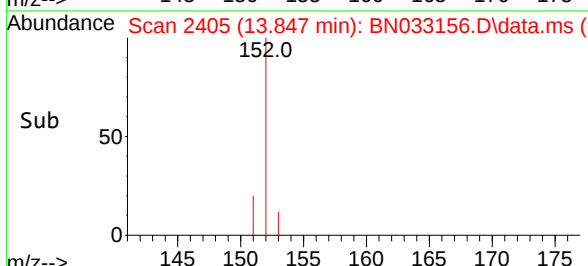
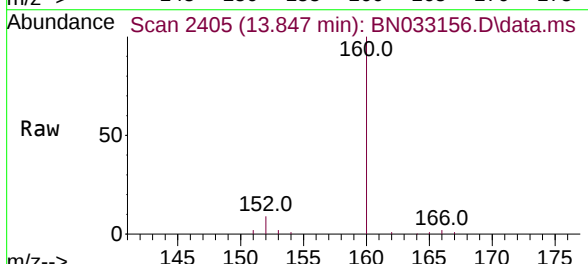
Reviewed By :Jagrut Upadhyay 08/01/2024
 Supervised By :mohammad ahmed 08/13/2024

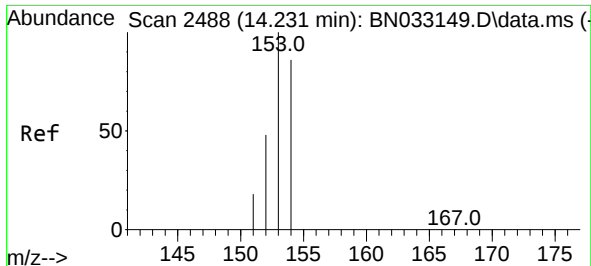


#10
Acenaphthylene
 Concen: 0.091 ng/ul
 RT: 13.847 min Scan# 2405
 Delta R.T. -0.051 min
 Lab File: BN033156.D
 Acq: 01 Aug 2024 07:07

Tgt Ion:152 Resp: 1968

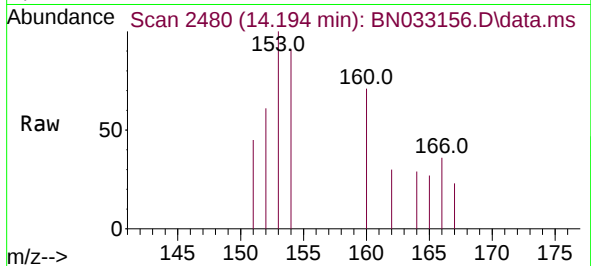
Ion	Ratio	Lower	Upper
152	100		
151	25.5	16.8	25.2
153	19.3	11.9	17.9





#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.194 min Scan# 2488
Delta R.T. -0.032 min
Lab File: BN033156.D
Acq: 01 Aug 2024 07:07

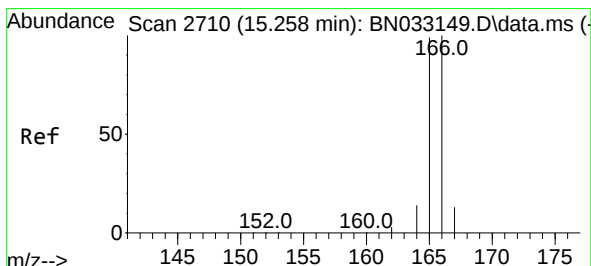
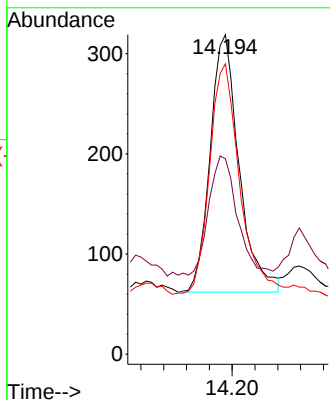
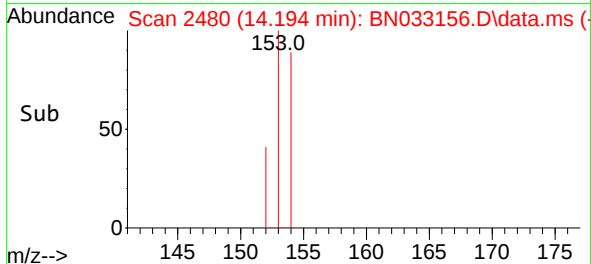
Instrument :
BNA_N
ClientSampleId :
A4CM2



Tgt Ion:153 Resp: 451
Ion Ratio Lower Upper
153 100
152 61.1 40.0 60.0
154 90.9 70.1 105.1

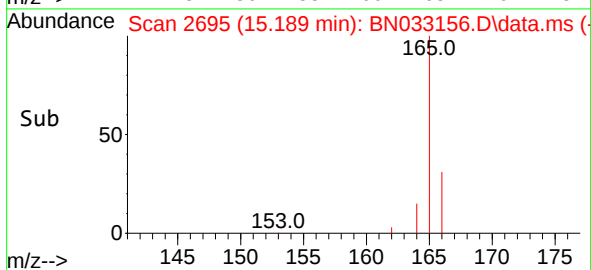
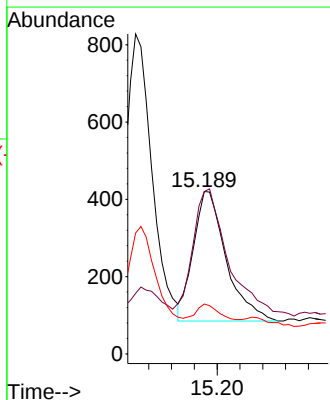
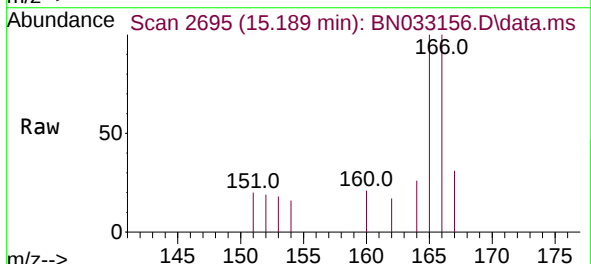
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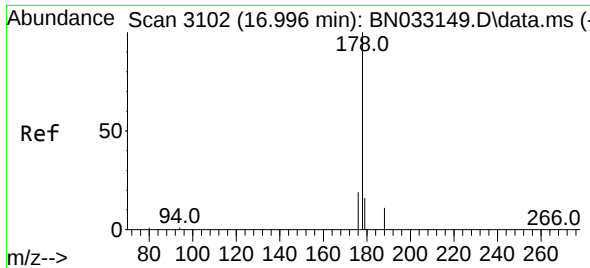
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#12
Fluorene
Concen: 0.035 ng/ul
RT: 15.189 min Scan# 2695
Delta R.T. -0.060 min
Lab File: BN033156.D
Acq: 01 Aug 2024 07:07

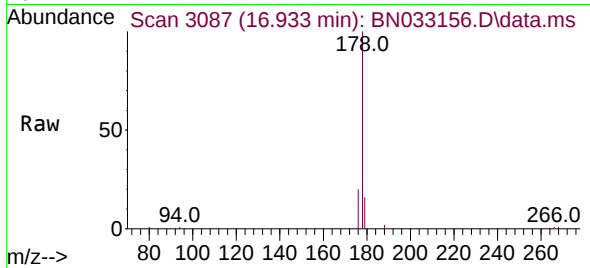
Tgt Ion:166 Resp: 672
Ion Ratio Lower Upper
166 100
165 100.0 79.6 119.4
167 30.7 12.2 18.4#





#15
Phenanthrene
Concen: 0.451 ng/ul m
RT: 16.933 min Scan# 3107
Delta R.T. -0.050 min
Lab File: BN033156.D
Acq: 01 Aug 2024 07:07

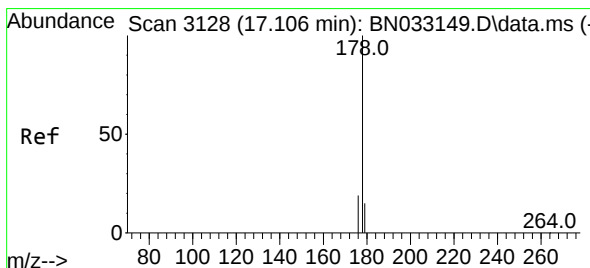
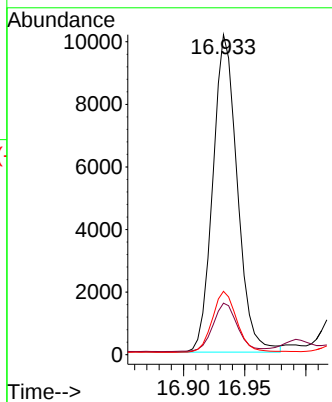
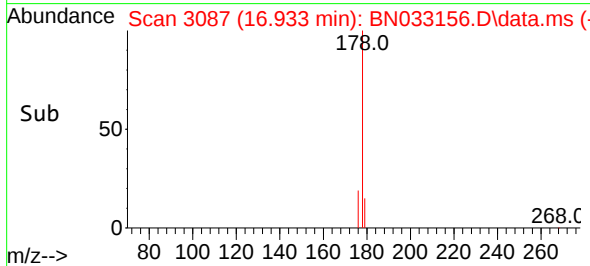
Instrument :
BNA_N
ClientSampleId :
A4CM2



Tgt Ion:178 Resp: 1413
Ion Ratio Lower Upper
178 100
179 16.1 13.7 20.5
176 19.8 15.9 23.9

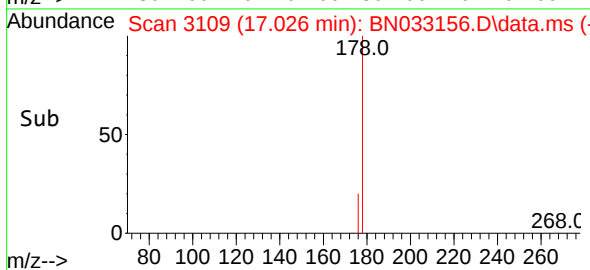
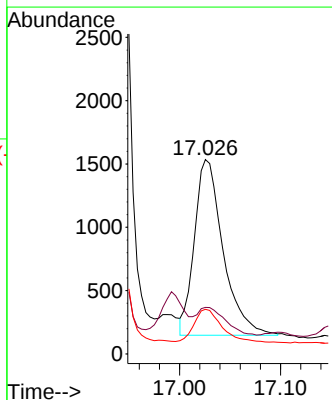
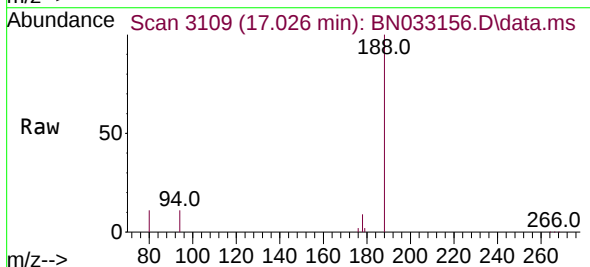
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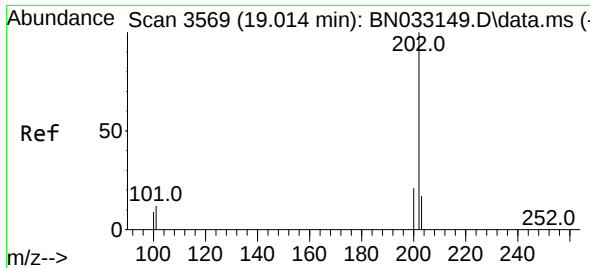
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#16
Anthracene
Concen: 0.097 ng/ul m
RT: 17.026 min Scan# 3109
Delta R.T. -0.063 min
Lab File: BN033156.D
Acq: 01 Aug 2024 07:07

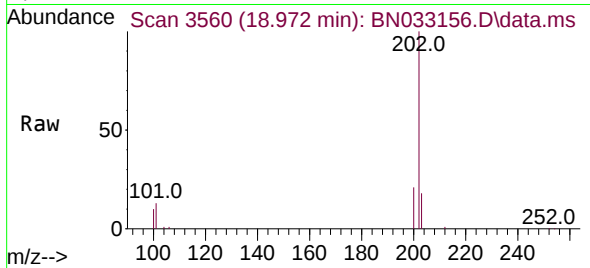
Tgt Ion:178 Resp: 2746
Ion Ratio Lower Upper
178 100
179 23.9 14.3 21.5#
176 23.0 15.8 23.8





#19
Fluoranthene
Concen: 1.081 ng/u1
RT: 18.972 min Scan# 3569
Delta R.T. -0.032 min
Lab File: BN033156.D
Acq: 01 Aug 2024 07:07

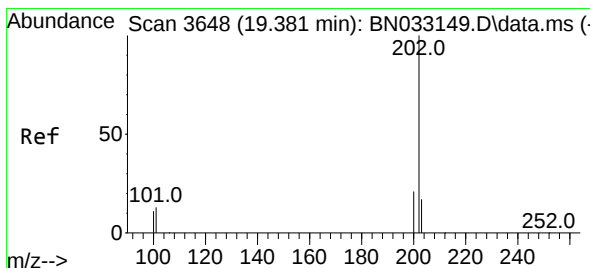
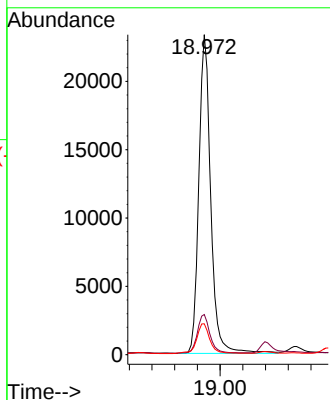
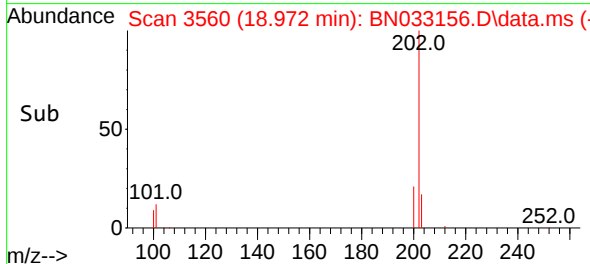
Instrument :
BNA_N
ClientSampleId :
A4CM2



Tgt Ion:202 Resp: 3385
Ion Ratio Lower Upper
202 100
101 12.6 10.7 16.1
100 9.7 8.3 12.5

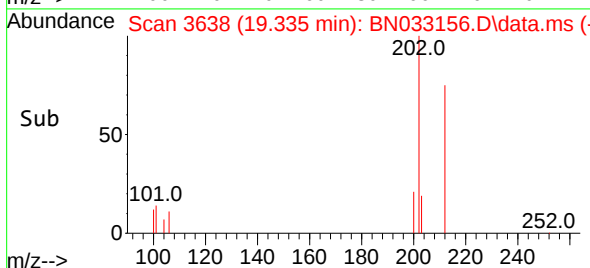
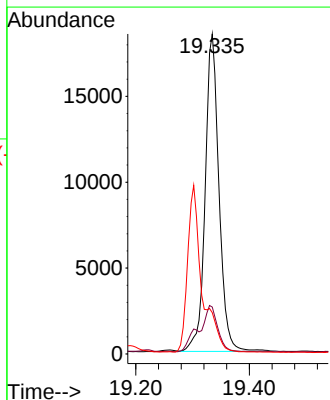
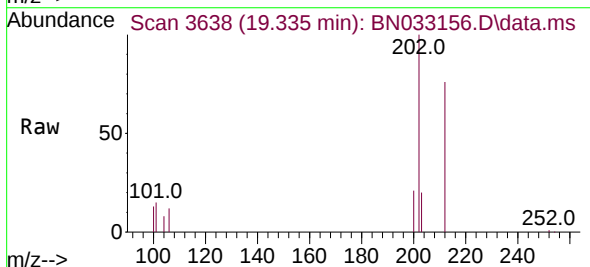
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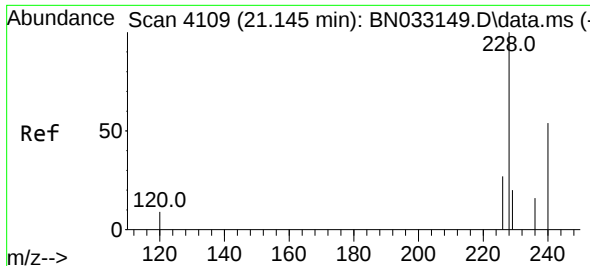
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#20
Pyrene
Concen: 0.930 ng/u1
RT: 19.335 min Scan# 3638
Delta R.T. -0.037 min
Lab File: BN033156.D
Acq: 01 Aug 2024 07:07

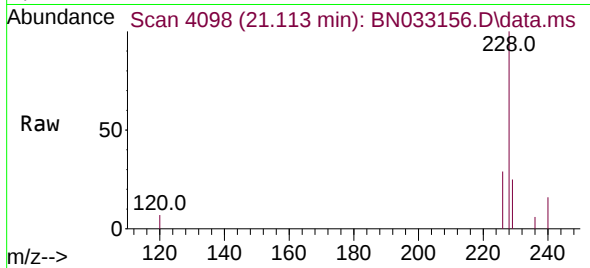
Tgt Ion:202 Resp: 31216
Ion Ratio Lower Upper
202 100
101 14.6 12.6 18.8
100 12.9 9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.478 ng/ul
RT: 21.113 min Scan# 4109
Delta R.T. -0.023 min
Lab File: BN033156.D
Acq: 01 Aug 2024 07:07

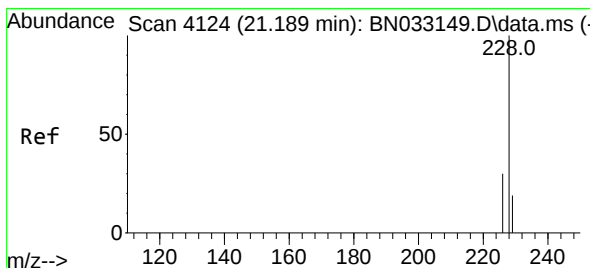
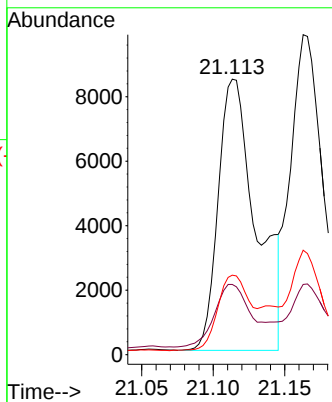
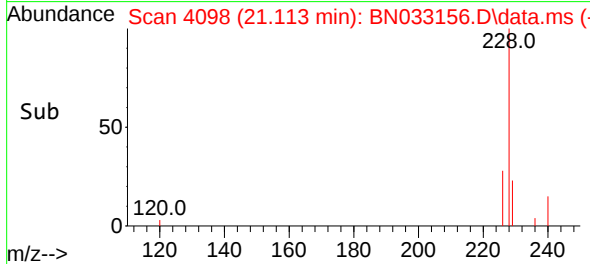
Instrument :
BNA_N
ClientSampleId :
A4CM2



Tgt Ion:228 Resp: 15492
Ion Ratio Lower Upper
228 100
229 25.5 17.1 25.7
226 28.9 22.4 33.6

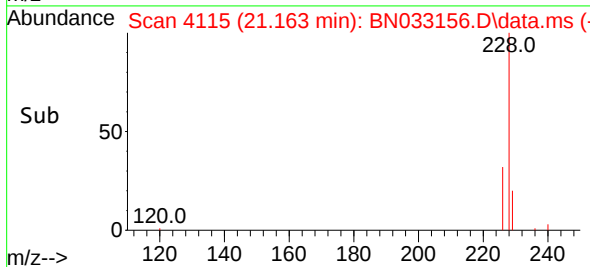
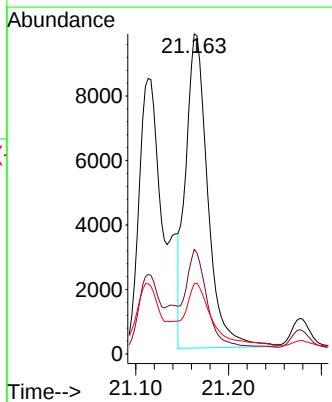
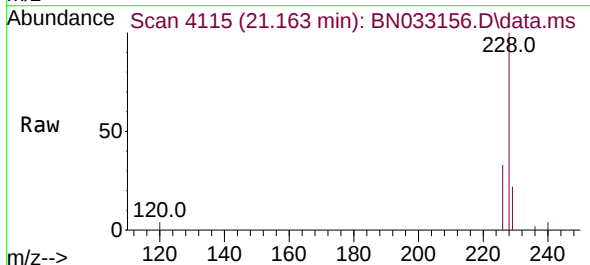
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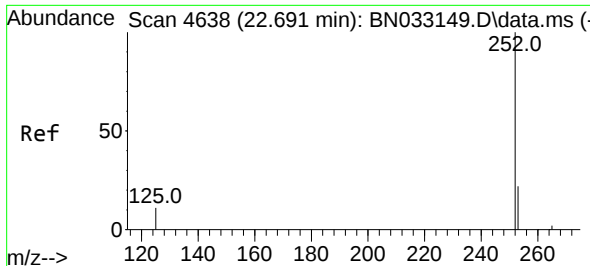
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#22
Chrysene
Concen: 0.425 ng/ul
RT: 21.163 min Scan# 4115
Delta R.T. -0.026 min
Lab File: BN033156.D
Acq: 01 Aug 2024 07:07

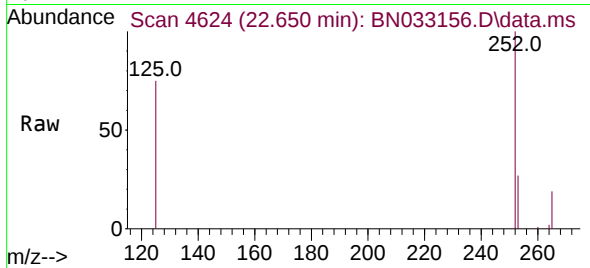
Tgt Ion:228 Resp: 16102
Ion Ratio Lower Upper
228 100
226 32.6 24.7 37.1
229 22.0 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 1.000 ng/ul m
RT: 22.650 min Scan# 4624
Delta R.T. -0.032 min
Lab File: BN033156.D
Acq: 01 Aug 2024 07:07

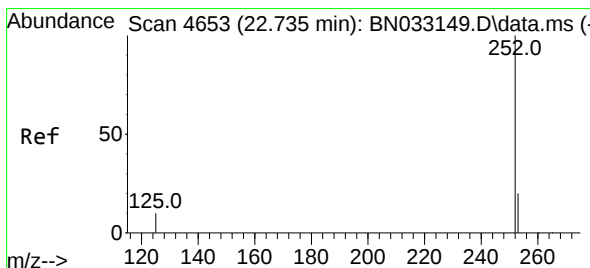
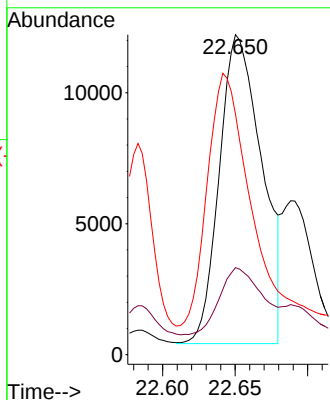
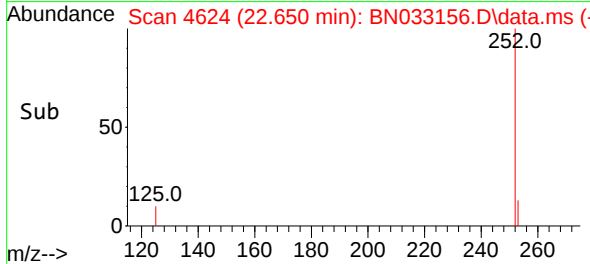
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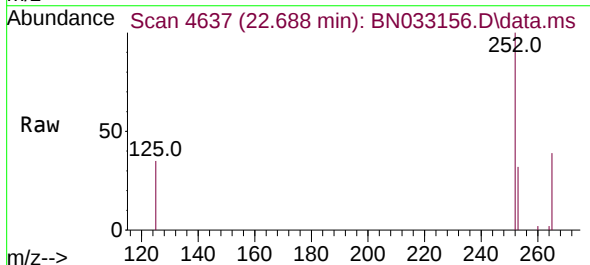
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Ion Ratio Lower Upper
252 100
253 27.2 0.0 60.6
125 75.1 0.0 51.0

Manual Integrations
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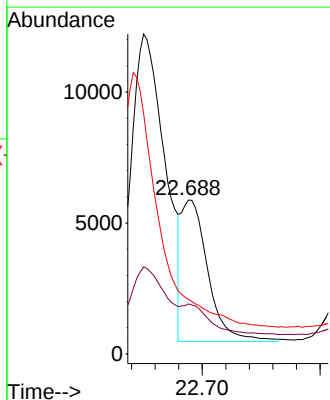
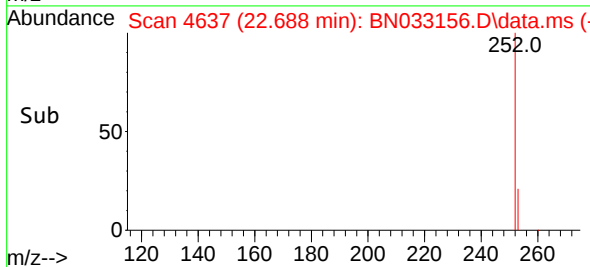
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024

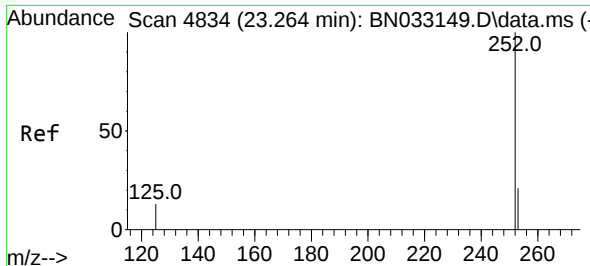


#25
Benzo(k)fluoranthene
Concen: 0.293 ng/ul m
RT: 22.688 min Scan# 4637
Delta R.T. -0.038 min
Lab File: BN033156.D
Acq: 01 Aug 2024 07:07



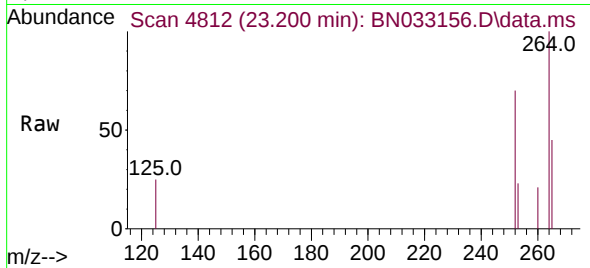
Tgt Ion:252 Resp: 8454
Ion Ratio Lower Upper
252 100
253 32.5 24.9 37.3
125 35.4 20.9 31.3





#26
Benzo(a)pyrene
Concen: 0.609 ng/ul
RT: 23.200 min Scan# 4812
Delta R.T. -0.049 min
Lab File: BN033156.D
Acq: 01 Aug 2024 07:07

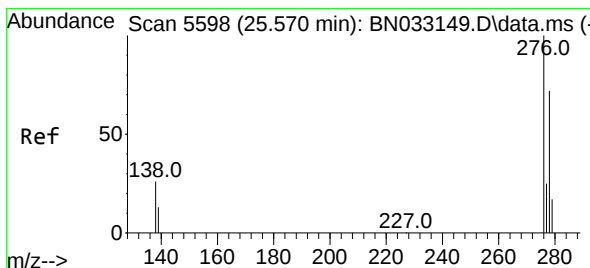
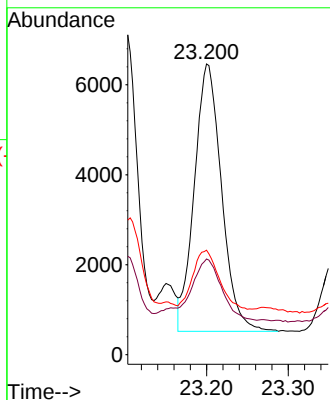
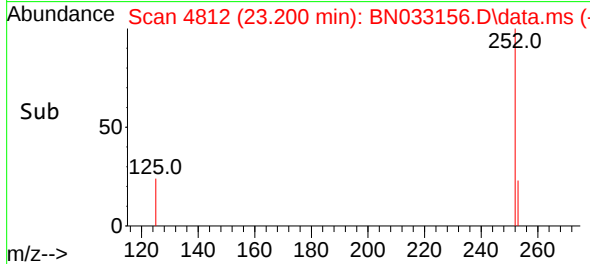
Instrument :
BNA_N
ClientSampleId :
A4CM2



Tgt Ion:252 Resp: 13778
Ion Ratio Lower Upper
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125 36.0 27.0 40.6

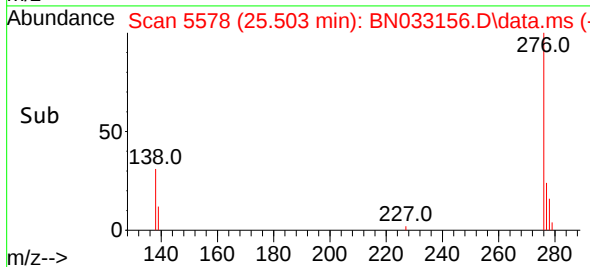
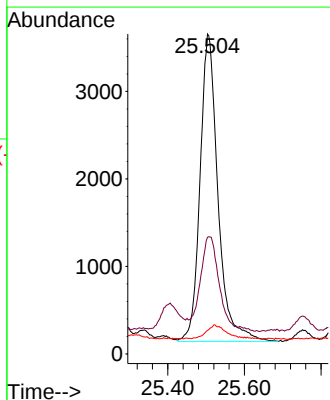
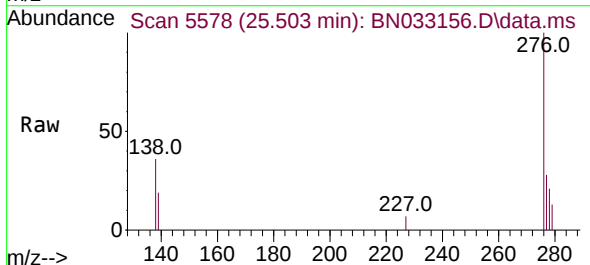
Manual Integrations
APPROVED

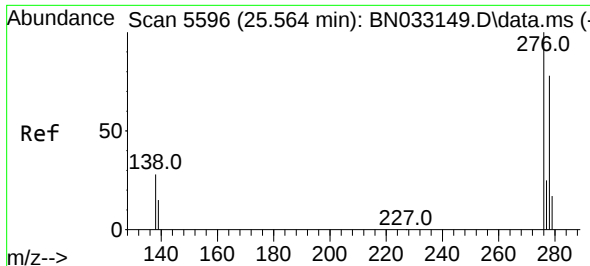
Reviewed By :Jagrut Upadhyay 08/01/2024
Supervised By :mohammad ahmed 08/13/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.331 ng/ul
RT: 25.503 min Scan# 5578
Delta R.T. -0.037 min
Lab File: BN033156.D
Acq: 01 Aug 2024 07:07

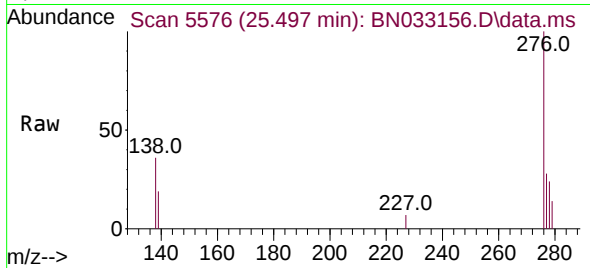
Tgt Ion:276 Resp: 11401
Ion Ratio Lower Upper
276 100
138 32.8 21.8 32.8#
227 4.9 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.105 ng/ul
RT: 25.497 min Scan# 5596
Delta R.T. -0.043 min
Lab File: BN033156.D
Acq: 01 Aug 2024 07:07

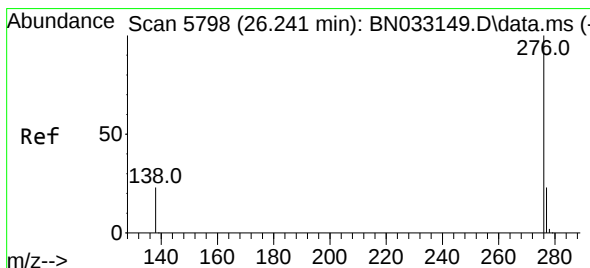
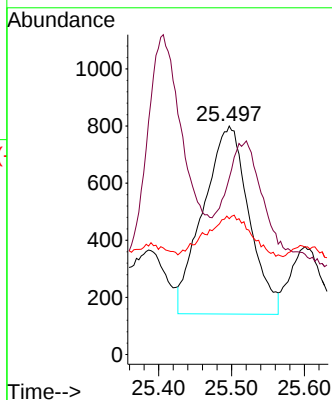
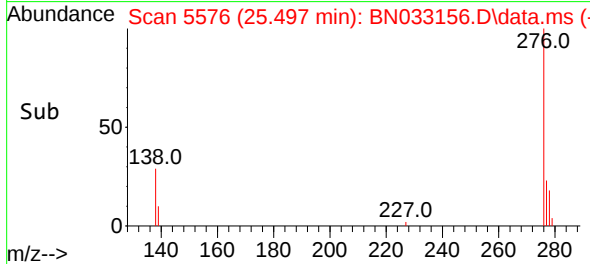
Instrument :
BNA_N
ClientSampleId :
A4CM2



Tgt Ion: 278 Resp: 2862
Ion Ratio Lower Upper
278 100
139 77.3 22.5 33.7
279 59.5 25.5 38.3

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.417 ng/ul
RT: 26.178 min Scan# 5779
Delta R.T. -0.040 min
Lab File: BN033156.D
Acq: 01 Aug 2024 07:07

Tgt Ion: 276 Resp: 11392
Ion Ratio Lower Upper
276 100
138 29.7 24.6 37.0
277 27.8 22.6 34.0

