

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
 Data File : BN032995.D
 Acq On : 26 Jul 2024 13:58
 Operator : MA/JU
 Sample : P3287-03DL2 20X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 XB502DL2

Manual Integrations
 APPROVED

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

Quant Time: Jul 26 14:33:16 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	7.545	152	1796	0.400	ng/ul	0.02
4) Naphthalene-d8	10.350	136	6869	0.400	ng/ul	# 0.05
9) Acenaphthene-d10	14.171	164	5733m	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	12002	0.400	ng/ul	0.00
17) Chrysene-d12	21.163	240	11467	0.400	ng/ul	0.00
23) Perylene-d12	23.346	264	14790	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.060	96	39	0.017	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.978	152	148m	0.013	ng/ul	0.07
18) Fluoranthene-d10	18.986	212	599	0.018	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.405	128	7217	0.409	ng/ul	96
10) Acenaphthylene	13.902	152	10056	0.429	ng/ul	99
11) Acenaphthene	14.236	153	14812	0.839	ng/ul	100
12) Fluorene	15.258	166	8013	0.390	ng/ul	100
15) Phenanthrene	16.987	178	23727	0.737	ng/ul	98
16) Anthracene	17.089	178	19736	0.682	ng/ul	98
19) Fluoranthene	19.018	202	19267	0.510	ng/ul	98
20) Pyrene	19.381	202	8617	0.213	ng/ul	96
21) Benzo(a)anthracene	21.154	228	2123m	0.054	ng/ul	
22) Chrysene	21.201	228	8798	0.193	ng/ul	99
24) Benzo(b)fluoranthene	22.694	252	7815	0.181	ng/ul	83
25) Benzo(k)fluoranthene	22.735	252	8791	0.170	ng/ul#	79
26) Benzo(a)pyrene	23.261	252	13064	0.321	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.560	276	15640	0.253	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.560	278	14578	0.297	ng/ul	97
29) Benzo(g,h,i)perylene	26.241	276	11471	0.233	ng/ul	97

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

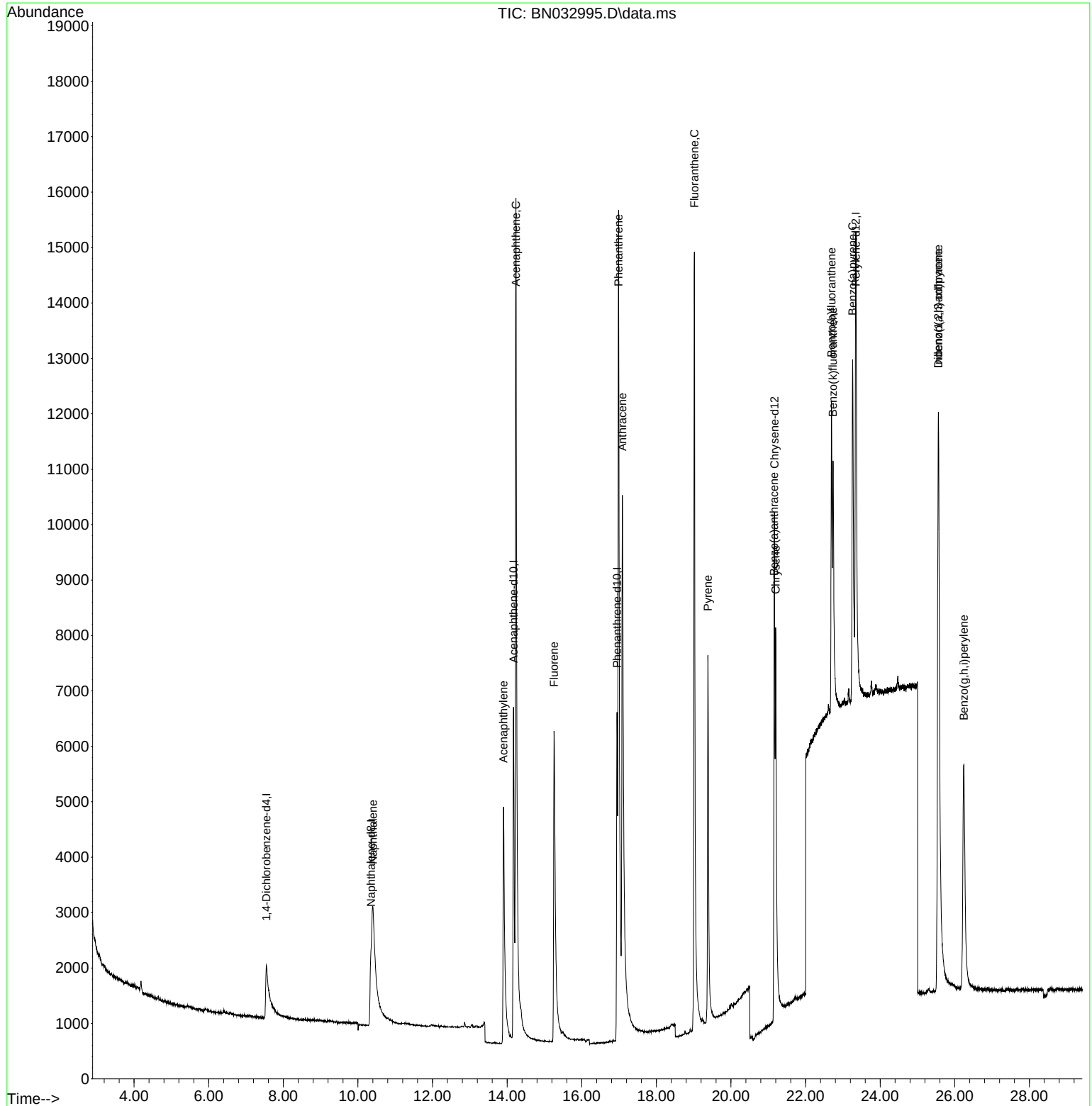
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN032995.D
Acq On : 26 Jul 2024 13:58
Operator : MA/JU
Sample : P3287-03DL2 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

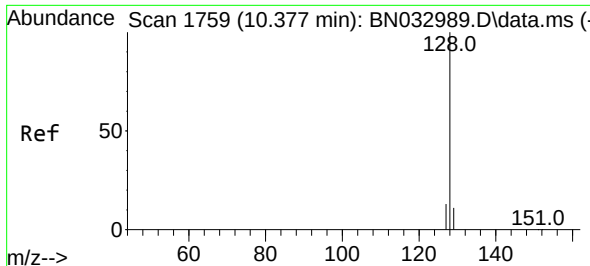
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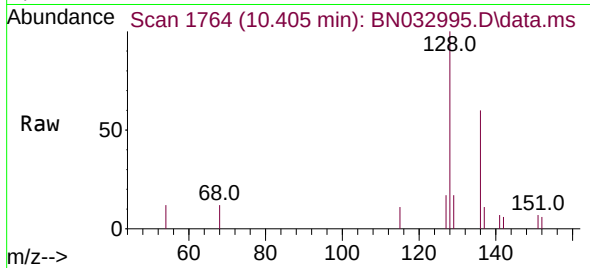
Quant Time: Jul 26 14:33:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.409 ng/u1
RT: 10.405 min Scan# 1764
Delta R.T. 0.055 min
Lab File: BN032995.D
Acq: 26 Jul 2024 13:58

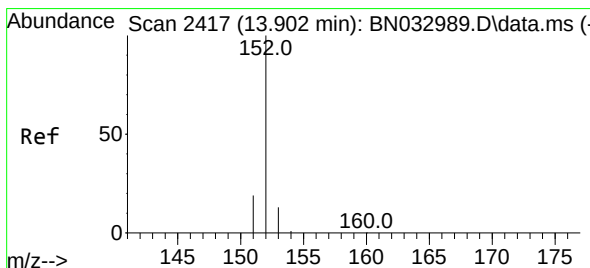
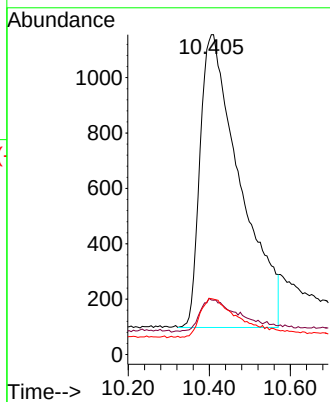
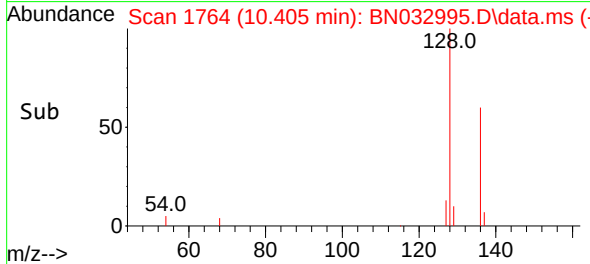
Instrument :
BNA_N
ClientSampleId :
XB502DL2



Tgt Ion:128 Resp: 721
Ion Ratio Lower Upper
128 100
129 17.1 12.0 18.0
127 17.5 12.7 19.1

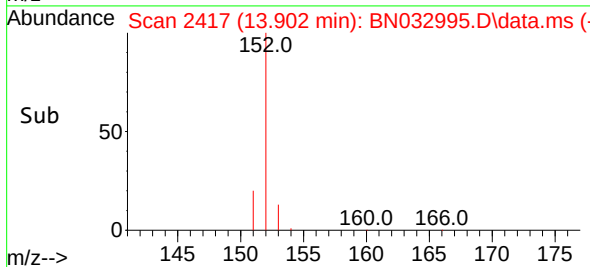
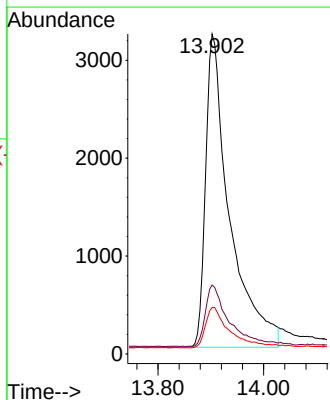
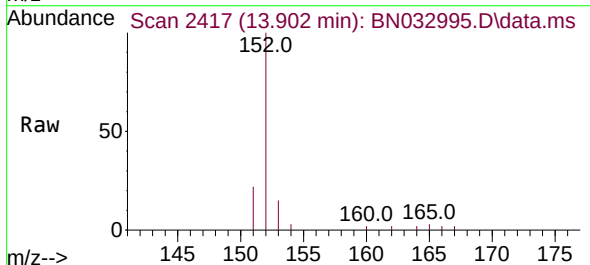
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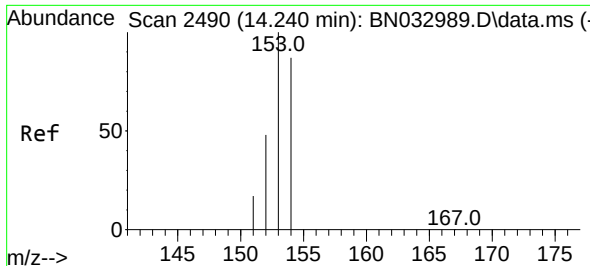
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



#10
Acenaphthylene
Concen: 0.429 ng/u1
RT: 13.902 min Scan# 2417
Delta R.T. 0.005 min
Lab File: BN032995.D
Acq: 26 Jul 2024 13:58

Tgt Ion:152 Resp: 10056
Ion Ratio Lower Upper
152 100
151 21.5 16.8 25.2
153 14.5 11.9 17.9





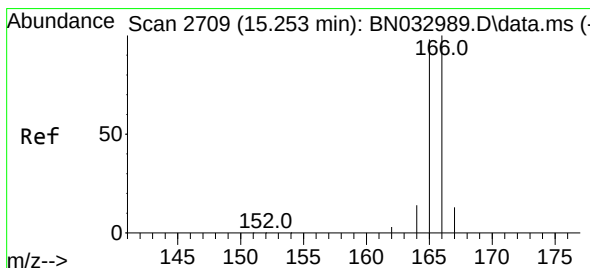
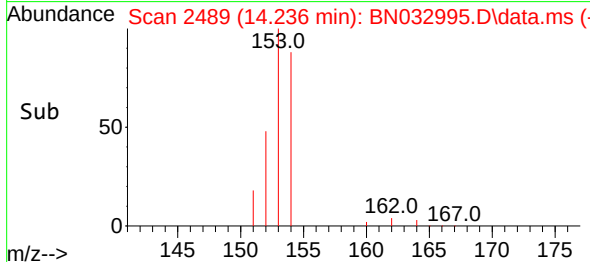
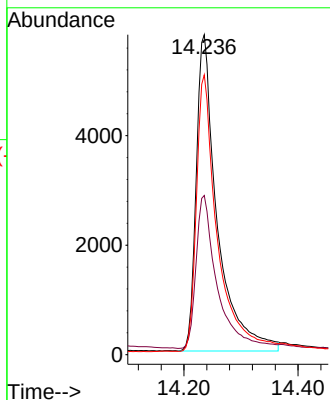
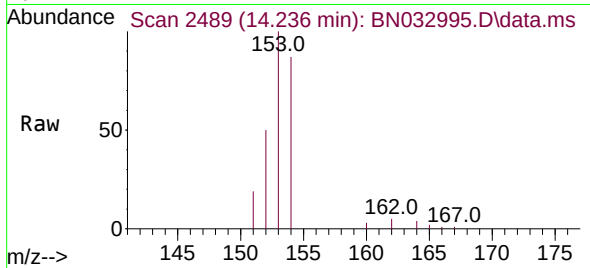
#11
Acenaphthene
Concen: 0.839 ng/u1
RT: 14.236 min Scan# 2490
Delta R.T. 0.000 min
Lab File: BN032995.D
Acq: 26 Jul 2024 13:58

Instrument :
BNA_N
ClientSampleId :
XB502DL2

Tgt Ion:153 Resp: 1481
Ion Ratio Lower Upper
153 100
152 49.8 40.0 60.0
154 87.4 70.1 105.1

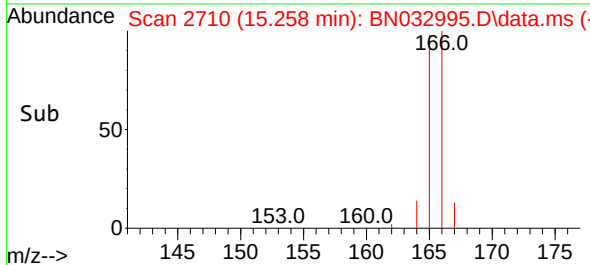
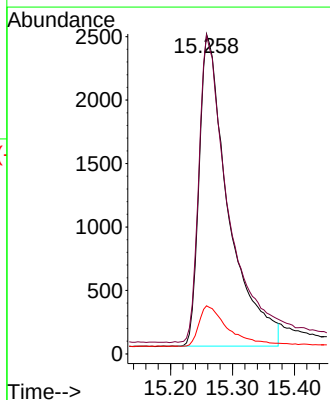
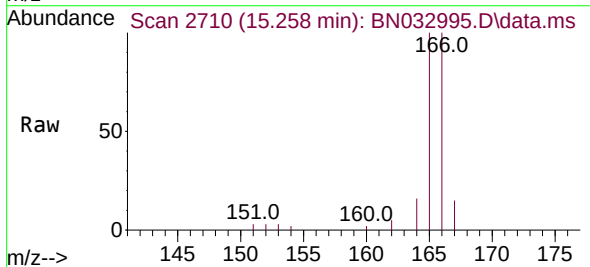
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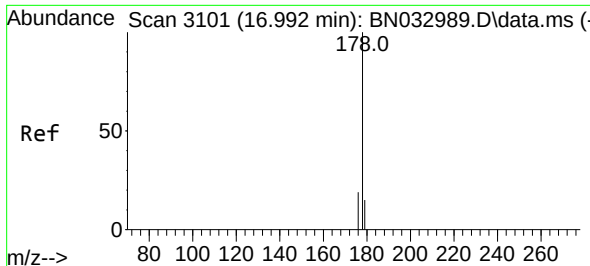
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



#12
Fluorene
Concen: 0.390 ng/u1
RT: 15.258 min Scan# 2710
Delta R.T. 0.014 min
Lab File: BN032995.D
Acq: 26 Jul 2024 13:58

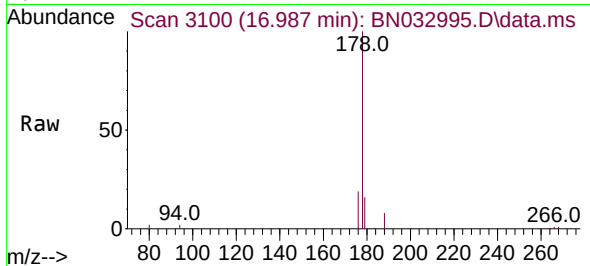
Tgt Ion:166 Resp: 8013
Ion Ratio Lower Upper
166 100
165 99.7 79.6 119.4
167 15.0 12.2 18.4





#15
Phenanthrene
Concen: 0.737 ng/ul
RT: 16.987 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BN032995.D
Acq: 26 Jul 2024 13:58

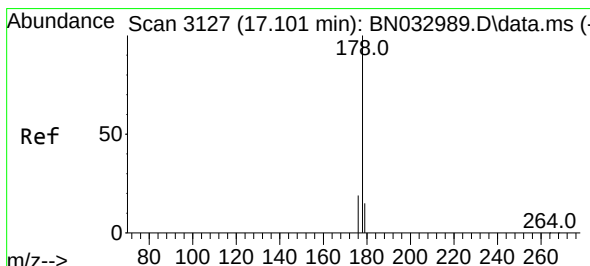
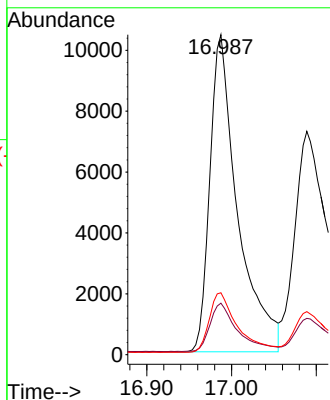
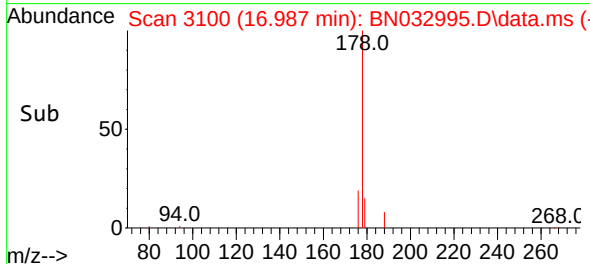
Instrument :
BNA_N
ClientSampleId :
XB502DL2



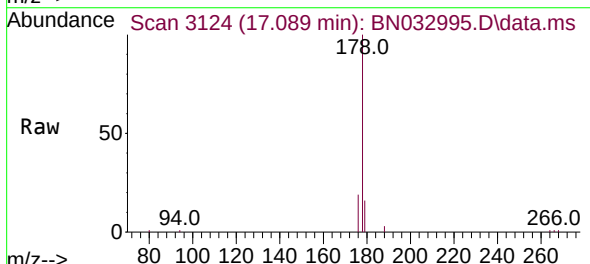
Tgt Ion:178 Resp: 2372
Ion Ratio Lower Upper
178 100
179 16.1 13.7 20.5
176 19.4 15.9 23.9

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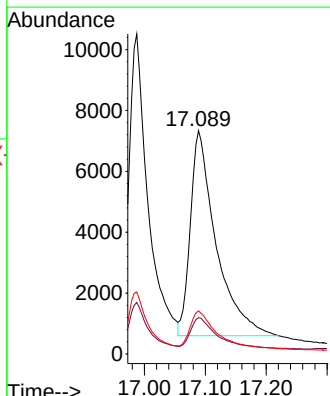
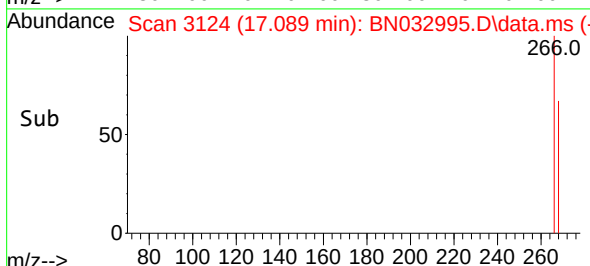
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024

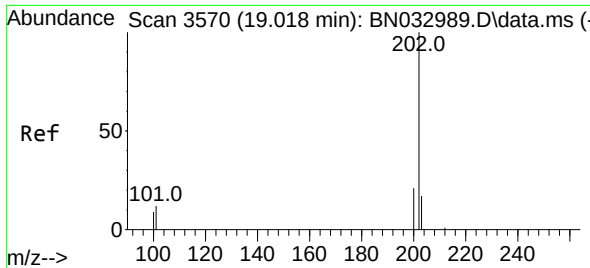


#16
Anthracene
Concen: 0.682 ng/ul
RT: 17.089 min Scan# 3124
Delta R.T. 0.004 min
Lab File: BN032995.D
Acq: 26 Jul 2024 13:58



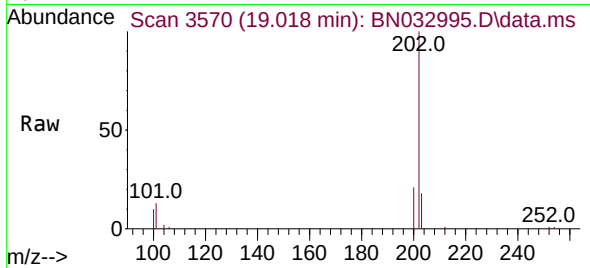
Tgt Ion:178 Resp: 19736
Ion Ratio Lower Upper
178 100
179 16.3 14.3 21.5
176 19.3 15.8 23.8





#19
Fluoranthene
Concen: 0.510 ng/u1
RT: 19.018 min Scan# 3570
Delta R.T. 0.005 min
Lab File: BN032995.D
Acq: 26 Jul 2024 13:58

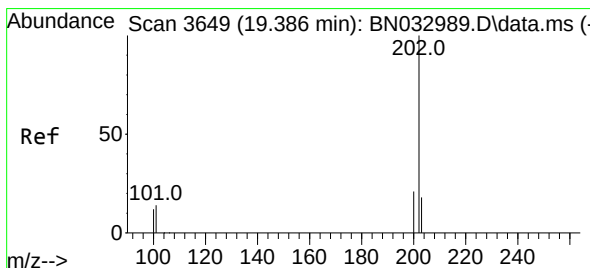
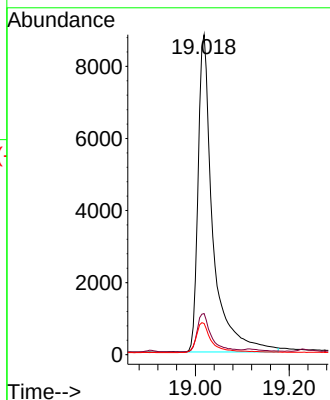
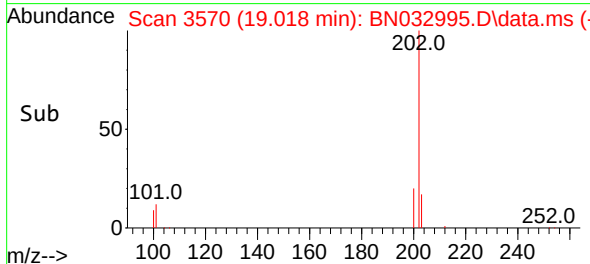
Instrument :
BNA_N
ClientSampleId :
XB502DL2



Tgt Ion:202 Resp: 1926
Ion Ratio Lower Upper
202 100
101 12.9 10.7 16.1
100 9.7 8.3 12.5

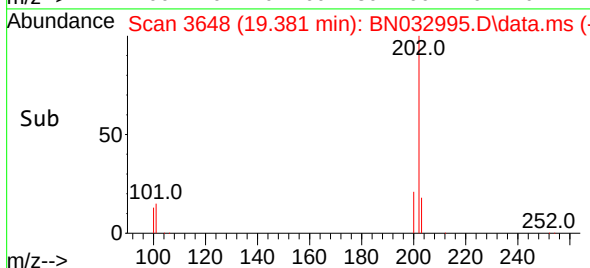
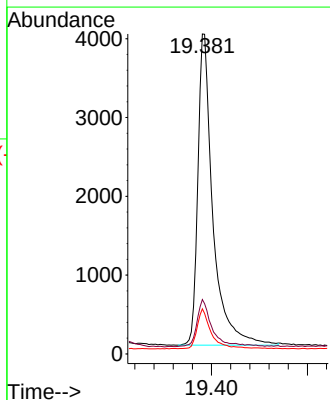
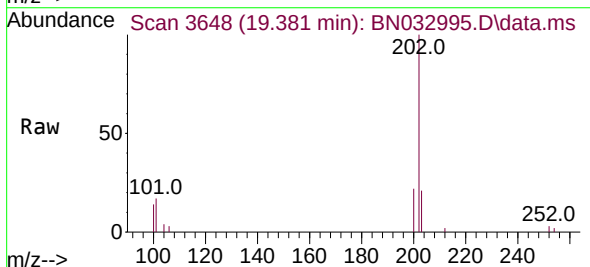
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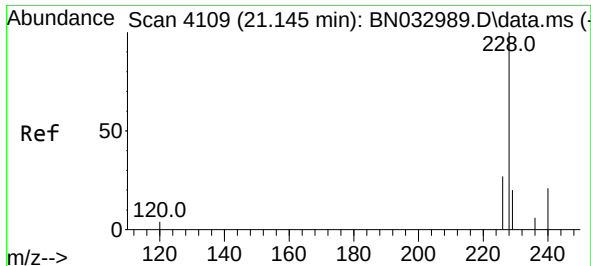
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



#20
Pyrene
Concen: 0.213 ng/u1
RT: 19.381 min Scan# 3648
Delta R.T. 0.000 min
Lab File: BN032995.D
Acq: 26 Jul 2024 13:58

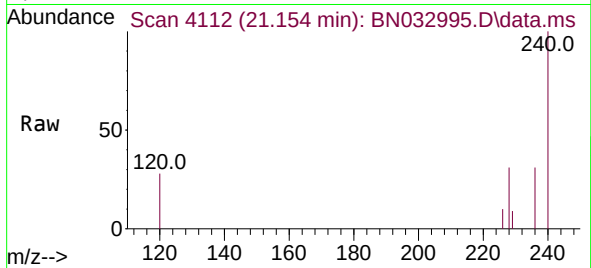
Tgt Ion:202 Resp: 8617
Ion Ratio Lower Upper
202 100
101 17.0 12.6 18.8
100 14.1 9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.054 ng/ul m
RT: 21.154 min Scan# 4112
Delta R.T. 0.009 min
Lab File: BN032995.D
Acq: 26 Jul 2024 13:58

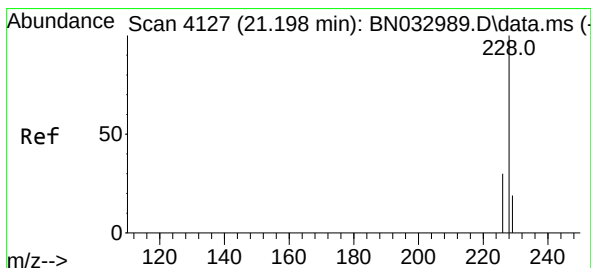
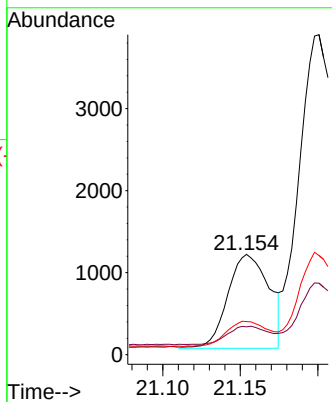
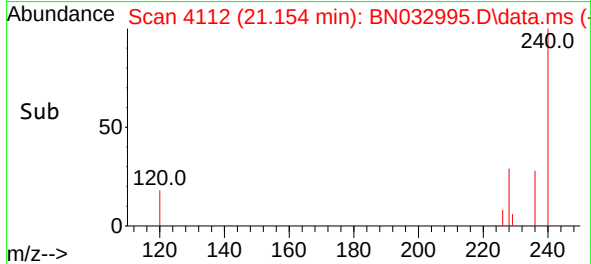
Instrument :
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XB502DL2



Tgt Ion:228 Resp: 212
Ion Ratio Lower Upper
228 100
229 27.7 17.1 25.7
226 33.0 22.4 33.6

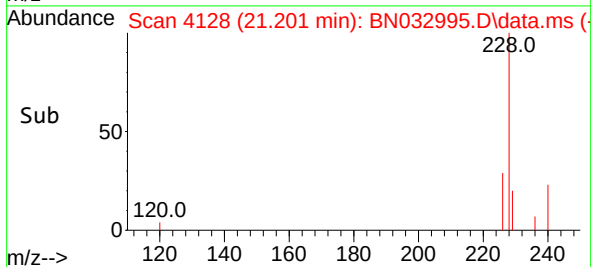
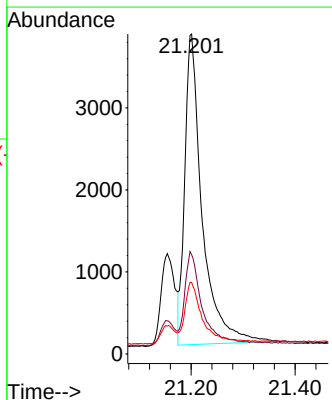
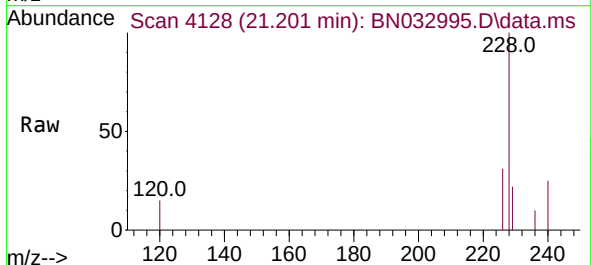
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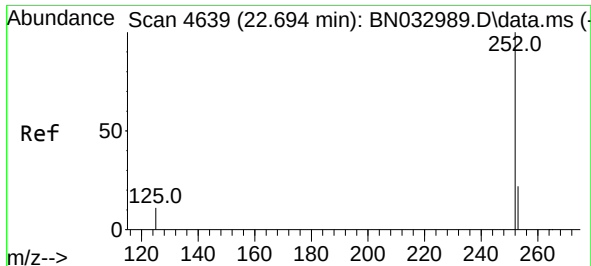
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



#22
Chrysene
Concen: 0.193 ng/ul
RT: 21.201 min Scan# 4128
Delta R.T. 0.006 min
Lab File: BN032995.D
Acq: 26 Jul 2024 13:58

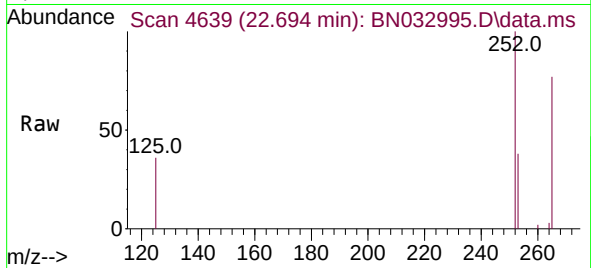
Tgt Ion:228 Resp: 8798
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 22.4 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 0.181 ng/ul
RT: 22.694 min Scan# 4639
Delta R.T. 0.000 min
Lab File: BN032995.D
Acq: 26 Jul 2024 13:58

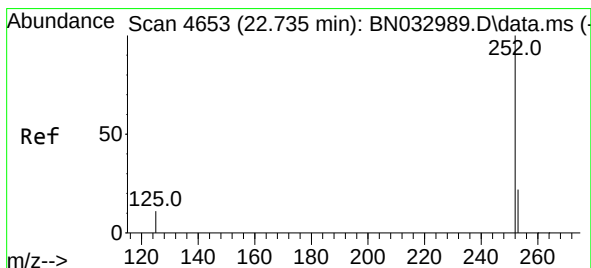
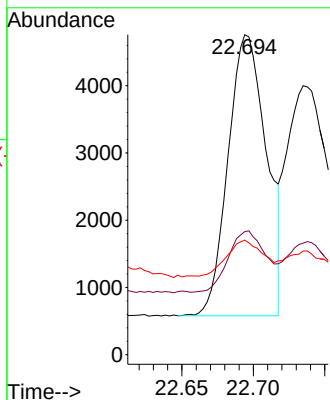
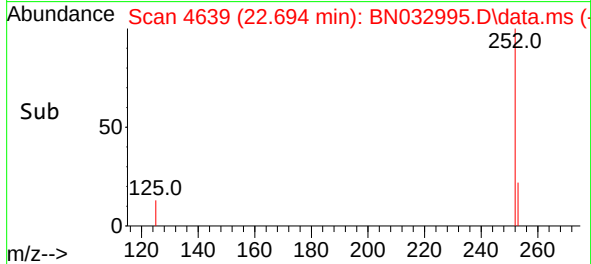
Instrument :
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XB502DL2



Tgt Ion:252 Resp: 7815
Ion Ratio Lower Upper
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253 38.4 0.0 60.6
125 35.8 0.0 51.0

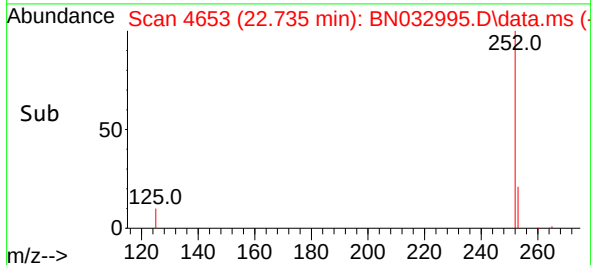
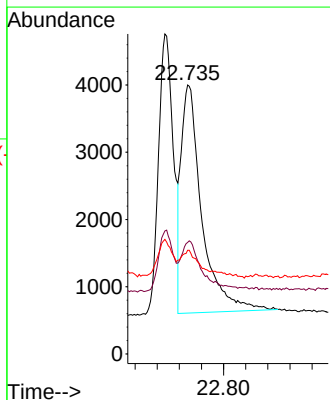
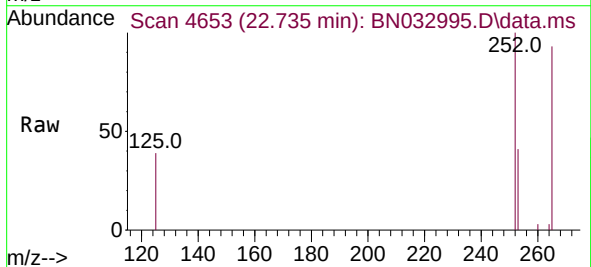
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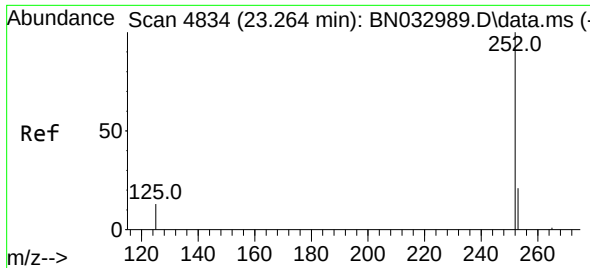
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.170 ng/ul
RT: 22.735 min Scan# 4653
Delta R.T. 0.000 min
Lab File: BN032995.D
Acq: 26 Jul 2024 13:58

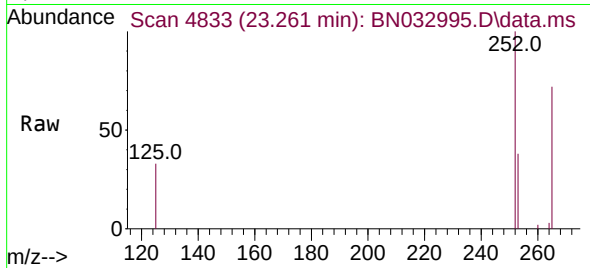
Tgt Ion:252 Resp: 8791
Ion Ratio Lower Upper
252 100
253 41.5 24.9 37.3#
125 38.5 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 0.321 ng/ul
RT: 23.261 min Scan# 4833
Delta R.T. 0.000 min
Lab File: BN032995.D
Acq: 26 Jul 2024 13:58

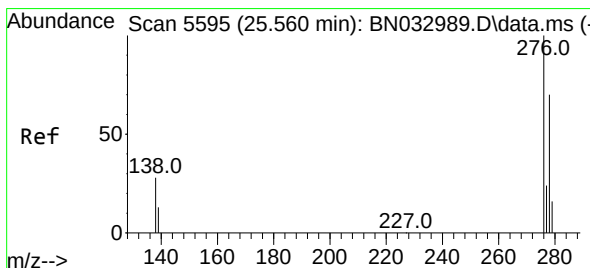
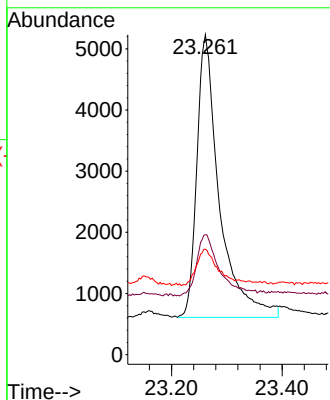
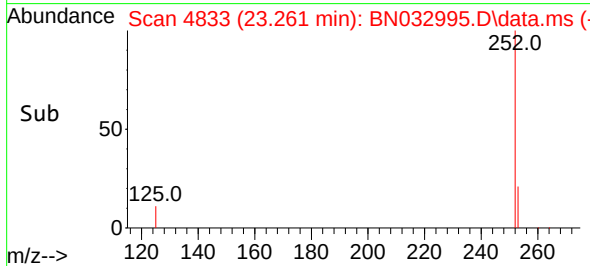
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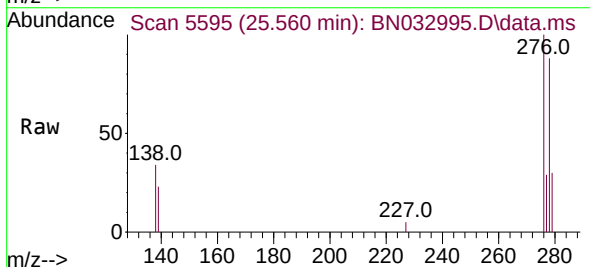
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Ion Ratio Lower Upper
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125 33.0 27.0 40.6

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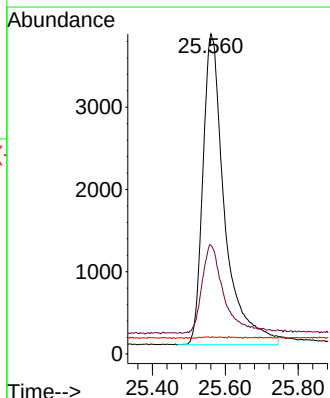
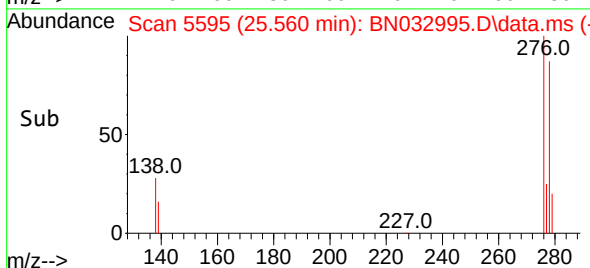
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024

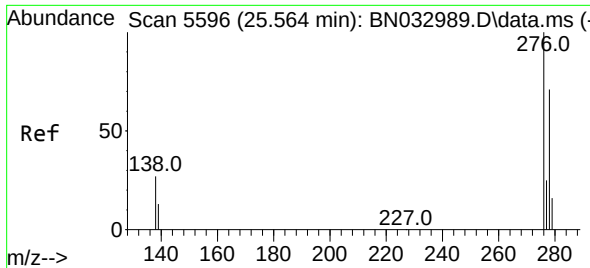


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.253 ng/ul
RT: 25.560 min Scan# 5595
Delta R.T. 0.000 min
Lab File: BN032995.D
Acq: 26 Jul 2024 13:58



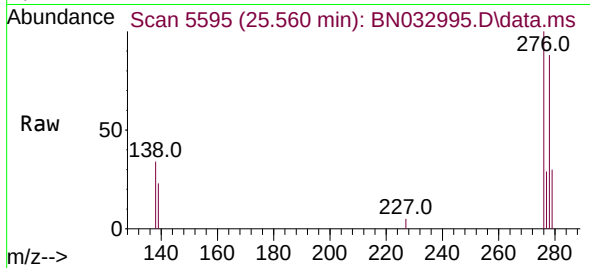
Tgt Ion:276 Resp: 15640
Ion Ratio Lower Upper
276 100
138 29.0 21.8 32.8
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.297 ng/ul
RT: 25.560 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN032995.D
Acq: 26 Jul 2024 13:58

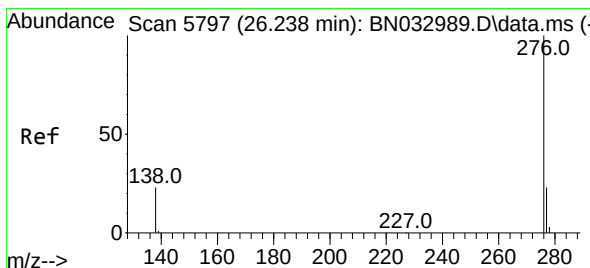
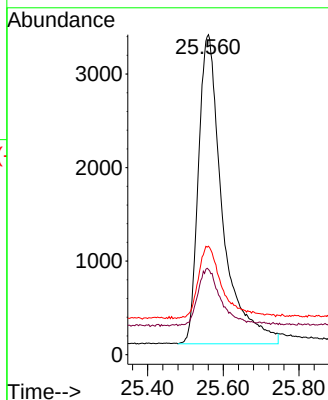
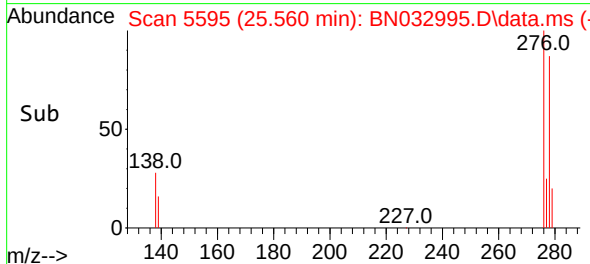
Instrument :
BNA_N
ClientSampleId :
XB502DL2



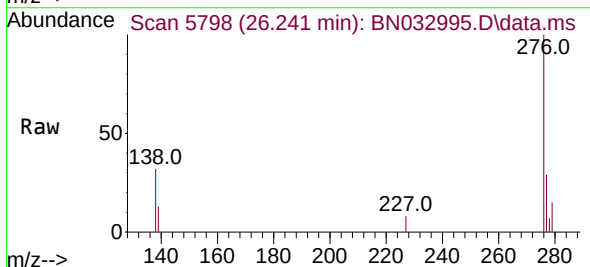
Tgt Ion:278 Resp: 14578
Ion Ratio Lower Upper
278 100
139 26.6 22.5 33.7
279 33.9 25.5 38.3

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.233 ng/ul
RT: 26.241 min Scan# 5798
Delta R.T. 0.000 min
Lab File: BN032995.D
Acq: 26 Jul 2024 13:58



Tgt Ion:276 Resp: 11471
Ion Ratio Lower Upper
276 100
138 32.4 24.6 37.0
277 29.4 22.6 34.0

