

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032495.D
 Acq On : 05 Jul 2024 04:22
 Operator : MA/JU
 Sample : P3065-01
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 05 04:47:18 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 : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	6093	0.400	ng/ul	0.00
4) Naphthalene-d8	10.365	136	19535	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.244	164	12878	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	27914m	0.400	ng/ul	0.00
17) Chrysene-d12	21.208	240	18509m	0.400	ng/ul	0.00
23) Perylene-d12	23.427	264	25677m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	28860	4.261	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	10126	0.346	ng/ul	-0.01
18) Fluoranthene-d10	19.041	212	26339m	0.473	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.415	128	48244	0.933	ng/ul	100
7) 2-Methylnaphthalene	12.043	142	17392	0.508	ng/ul	99
8) 1-Methylnaphthalene	12.262	142	13303	0.374	ng/ul	99
10) Acenaphthylene	13.962	152	136402	2.547	ng/ul	99
11) Acenaphthene	14.304	153	56689	1.364	ng/ul	98
12) Fluorene	15.299	166	70318	1.420	ng/ul	99
14) Pentachlorophenol	16.670	266	968m	0.153	ng/ul	
15) Phenanthrene	17.041	178	1463536m	19.124	ng/ul	
16) Anthracene	17.134	178	313315m	4.590	ng/ul	
19) Fluoranthene	19.073	202	3125660m	44.348	ng/ul	
20) Pyrene	19.440	202	2309837m	31.360	ng/ul	
21) Benzo(a)anthracene	21.191	228	1408877m	21.090	ng/ul	
22) Chrysene	21.243	228	1614105m	22.014	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	2051672m	18.391	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	864063m	7.972	ng/ul	
26) Benzo(a)pyrene	23.333	252	799442m	10.300	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.666	276	808790m	6.655	ng/ul	
28) Dibenzo(a,h)anthracene	25.666	278	297060m	3.290	ng/ul	
29) Benzo(g,h,i)perylene	26.357	276	117470m	1.213	ng/ul	

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

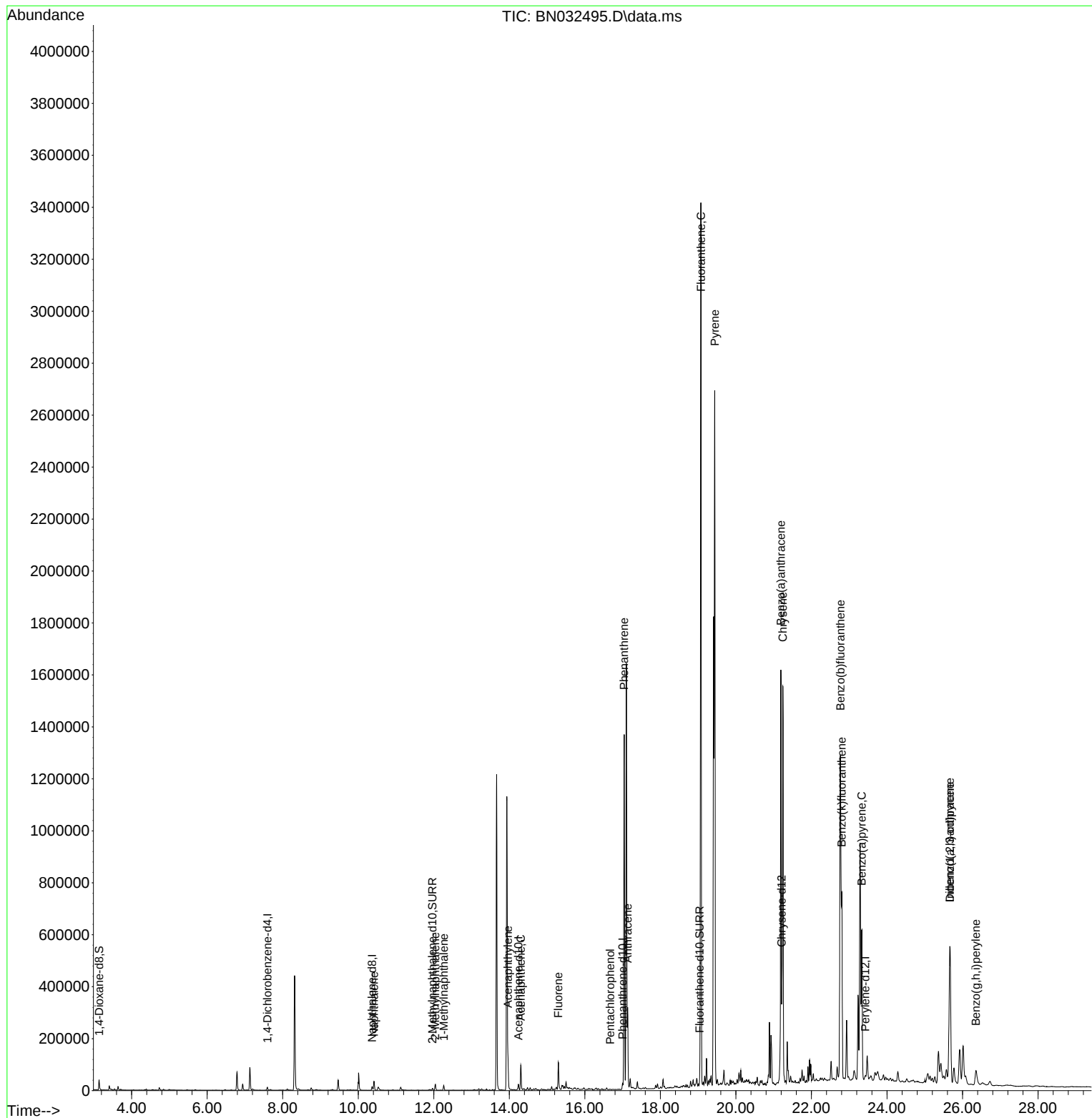
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032495.D
Acq On : 05 Jul 2024 04:22
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ALS Vial : 69 Sample Multiplier: 1

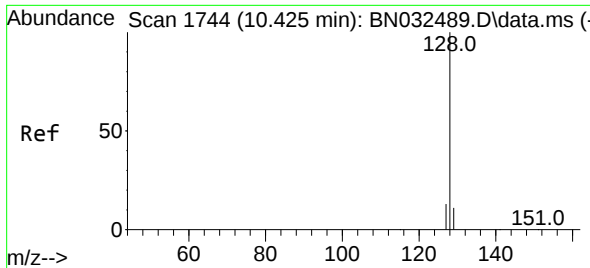
Instrument :
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Quant Time: Jul 05 04:47:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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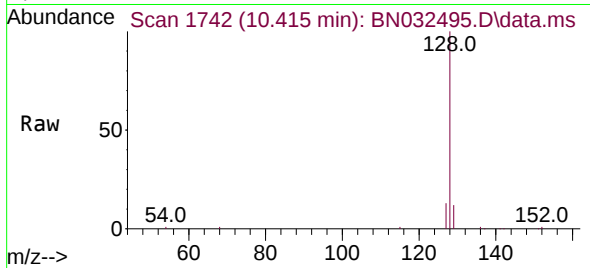
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024





#5
Naphthalene
Concen: 0.933 ng/ul
RT: 10.415 min Scan# 1742
Delta R.T. -0.017 min
Lab File: BN032495.D
Acq: 05 Jul 2024 04:22

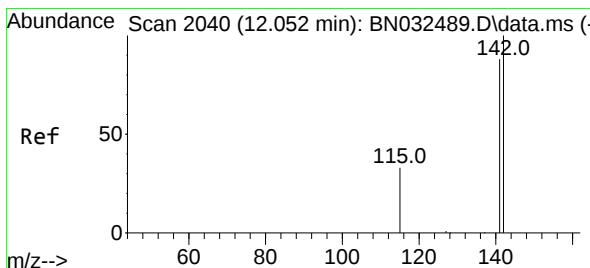
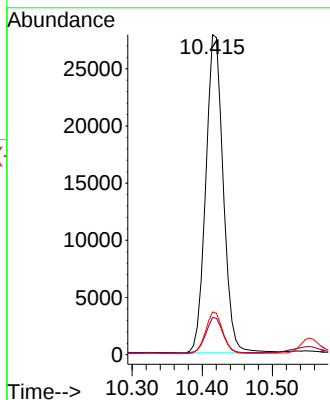
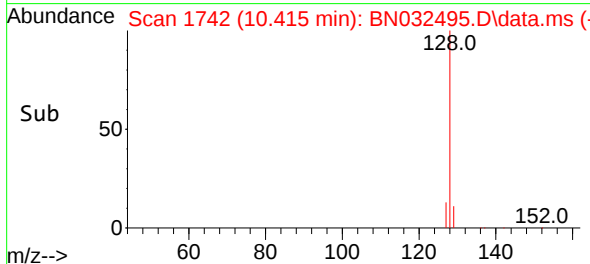
Instrument :
BNA_N
ClientSampleId :
A4CX6



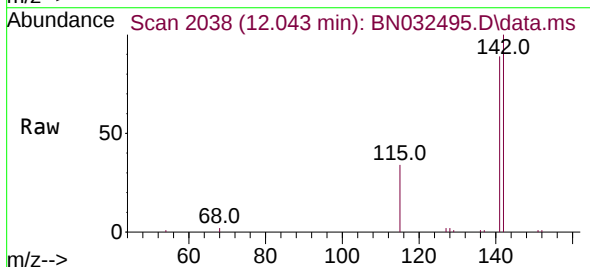
Tgt Ion:128 Resp: 4824
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.4 10.8 16.2

Manual Integrations
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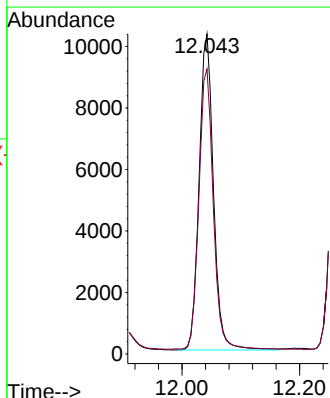
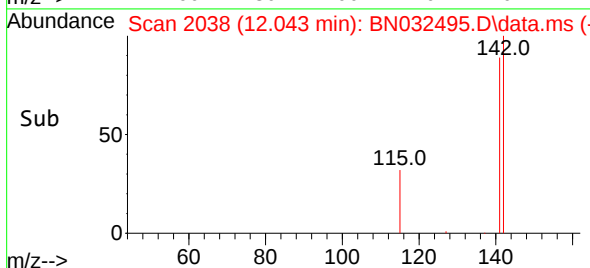
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

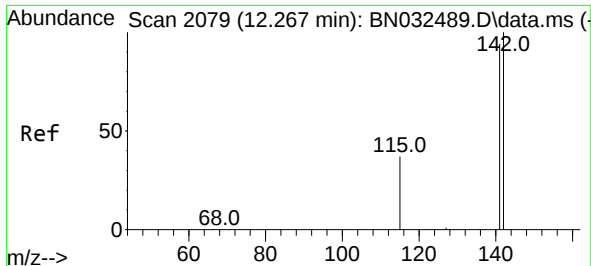


#7
2-Methylnaphthalene
Concen: 0.508 ng/ul
RT: 12.043 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BN032495.D
Acq: 05 Jul 2024 04:22



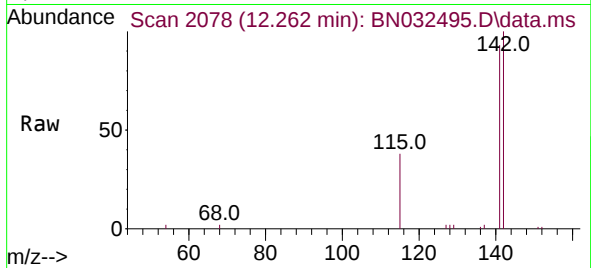
Tgt Ion:142 Resp: 17392
Ion Ratio Lower Upper
142 100
141 88.9 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.262 min Scan# 2079
Delta R.T. -0.011 min
Lab File: BN032495.D
Acq: 05 Jul 2024 04:22

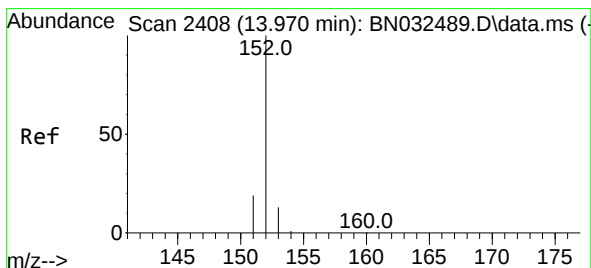
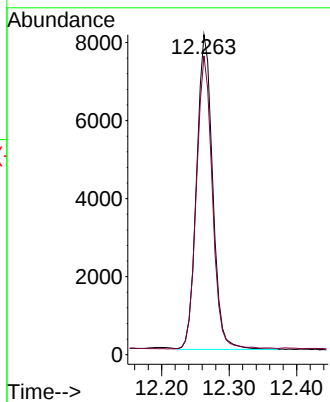
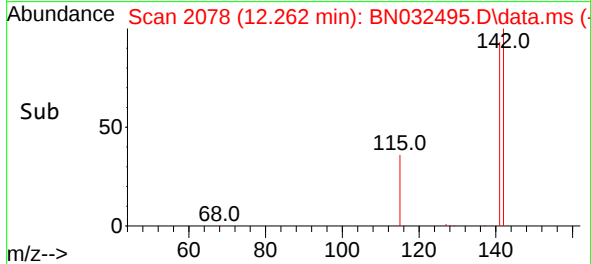
Instrument :
BNA_N
ClientSampleId :
A4CX6



Tgt Ion:142 Resp: 1330
Ion Ratio Lower Upper
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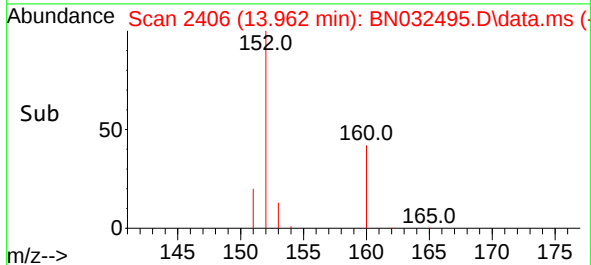
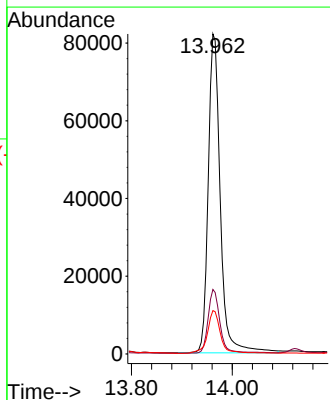
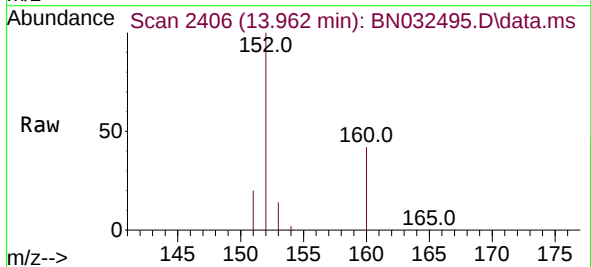
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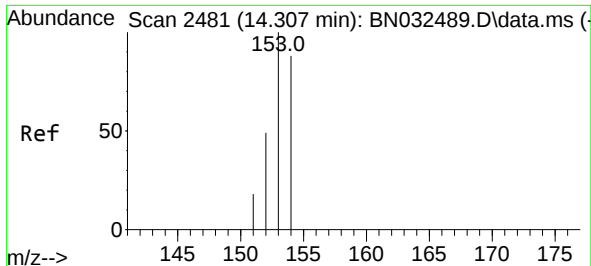
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 2.547 ng/ul
RT: 13.962 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032495.D
Acq: 05 Jul 2024 04:22

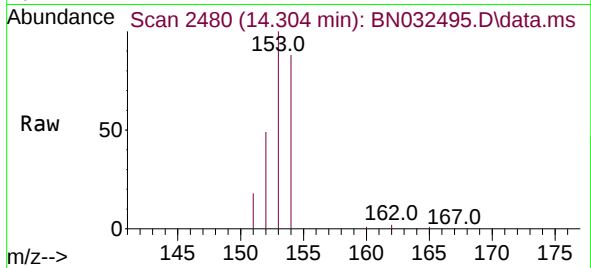
Tgt Ion:152 Resp: 136402
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 13.6 10.9 16.3





#11
Acenaphthene
Concen: 1.364 ng/ul
RT: 14.304 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BN032495.D
Acq: 05 Jul 2024 04:22

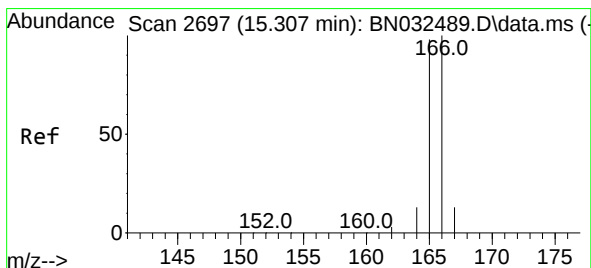
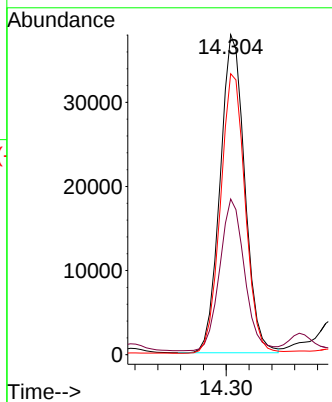
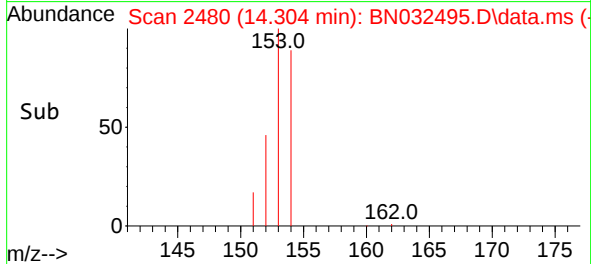
Instrument :
BNA_N
ClientSampleId :
A4CX6



Tgt Ion:153 Resp: 56689
Ion Ratio Lower Upper
153 100
152 48.7 39.5 59.3
154 87.8 71.7 107.5

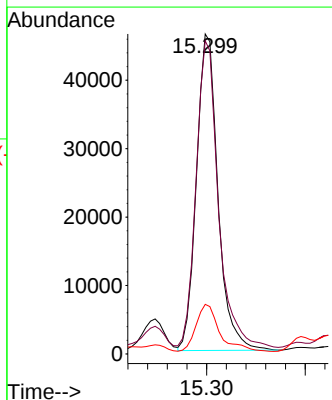
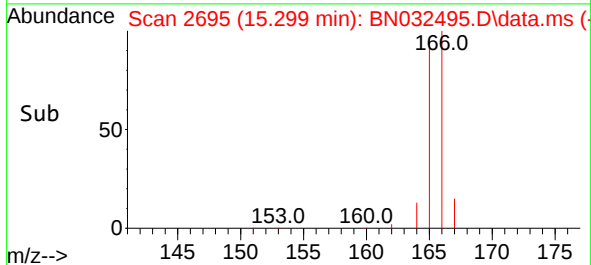
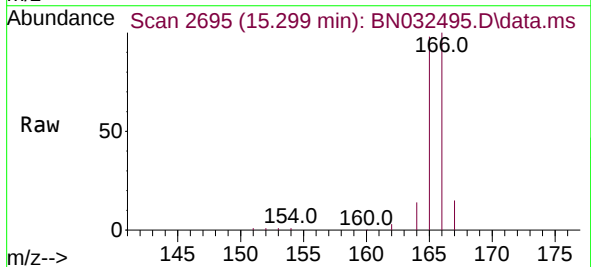
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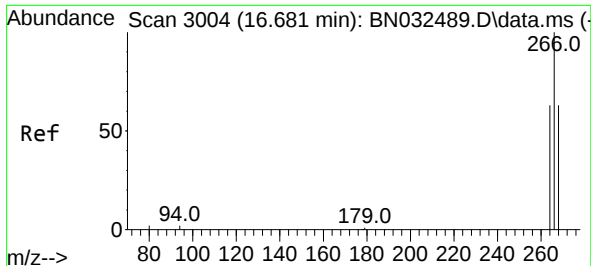
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 1.420 ng/ul
RT: 15.299 min Scan# 2695
Delta R.T. -0.014 min
Lab File: BN032495.D
Acq: 05 Jul 2024 04:22

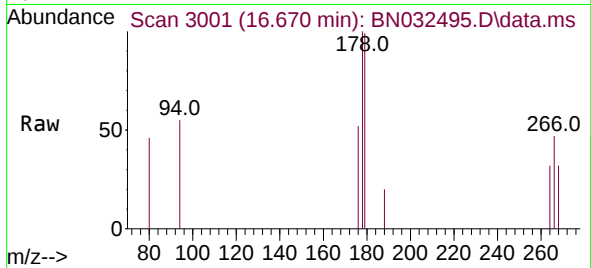
Tgt Ion:166 Resp: 70318
Ion Ratio Lower Upper
166 100
165 97.8 79.0 118.6
167 15.5 11.0 16.6





#14
 Pentachlorophenol
 Concen: 0.153 ng/ul m
 RT: 16.670 min Scan# 3001
 Delta R.T. -0.004 min
 Lab File: BN032495.D
 Acq: 05 Jul 2024 04:22

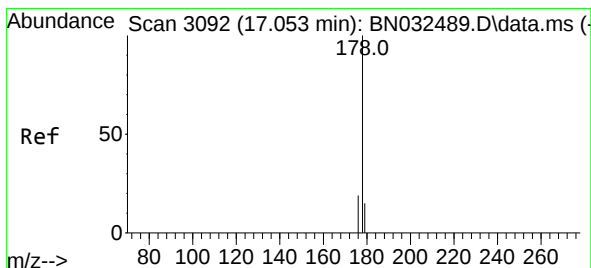
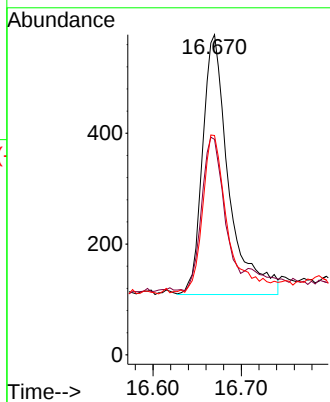
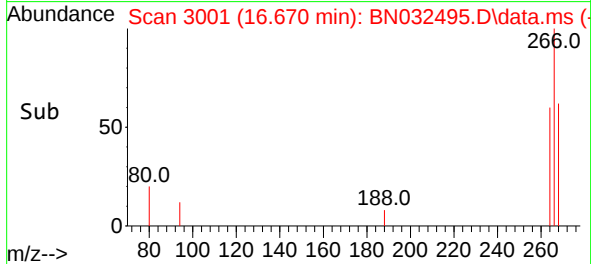
Instrument :
 BNA_N
 ClientSampleId :
 A4CX6



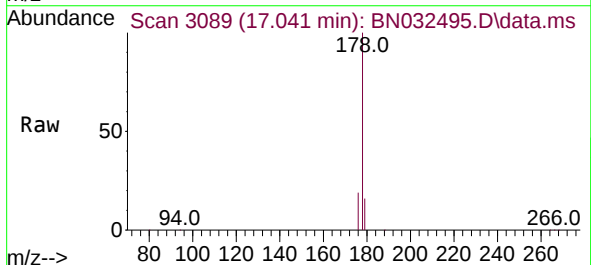
Tgt Ion:266 Resp: 968
 Ion Ratio Lower Upper
 266 100
 264 0.0 49.9 74.9
 268 2.4 52.4 78.6

Manual Integrations
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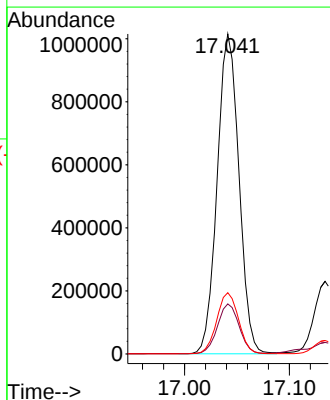
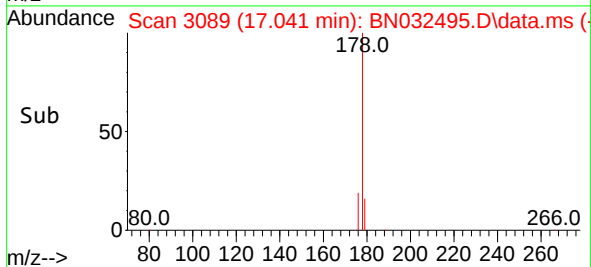
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

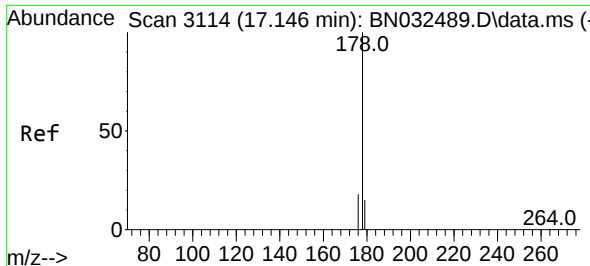


#15
 Phenanthrene
 Concen: 19.124 ng/ul m
 RT: 17.041 min Scan# 3089
 Delta R.T. -0.009 min
 Lab File: BN032495.D
 Acq: 05 Jul 2024 04:22



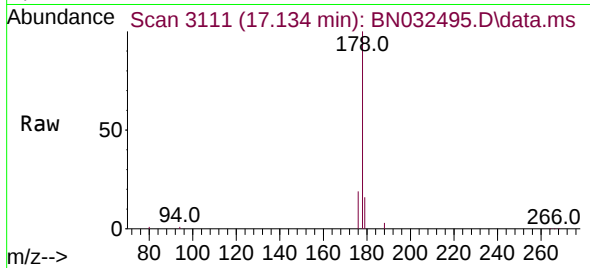
Tgt Ion:178 Resp: 1463536
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.6 18.8
 176 19.2 15.6 23.4





#16
 Anthracene
 Concen: 4.590 ng/ul m
 RT: 17.134 min Scan# 3111
 Delta R.T. -0.009 min
 Lab File: BN032495.D
 Acq: 05 Jul 2024 04:22

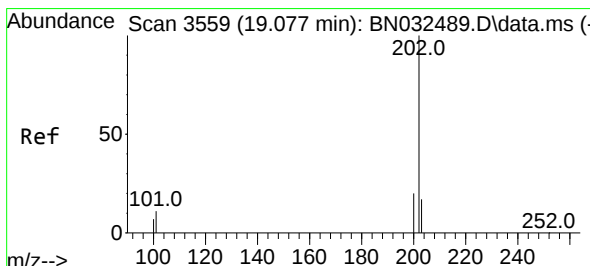
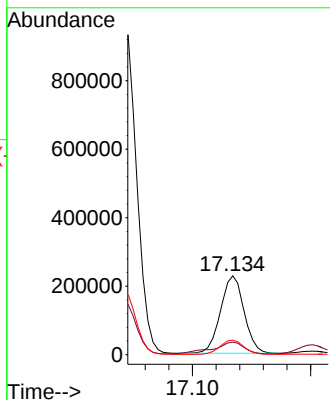
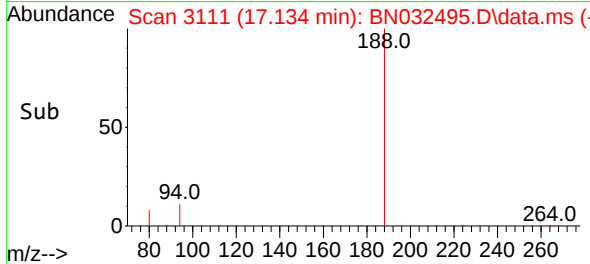
Instrument :
 BNA_N
 ClientSampleId :
 A4CX6



Tgt Ion:178 Resp: 313311
 Ion Ratio Lower Upper
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 179 15.9 12.5 18.7
 176 18.5 15.0 22.6

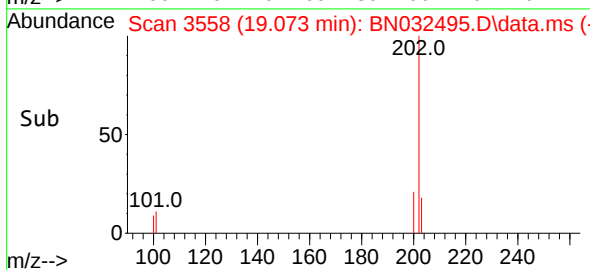
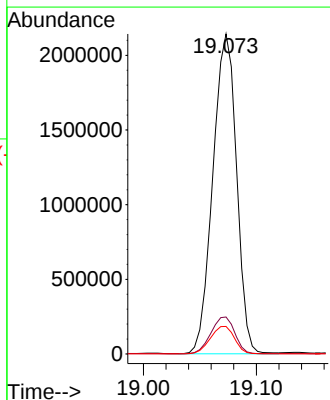
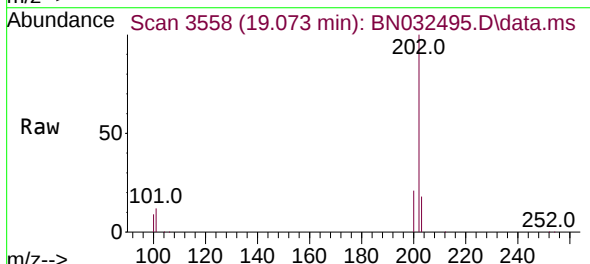
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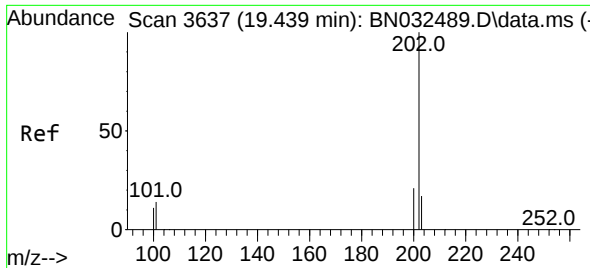
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



#19
 Fluoranthene
 Concen: 44.348 ng/ul m
 RT: 19.073 min Scan# 3558
 Delta R.T. -0.000 min
 Lab File: BN032495.D
 Acq: 05 Jul 2024 04:22

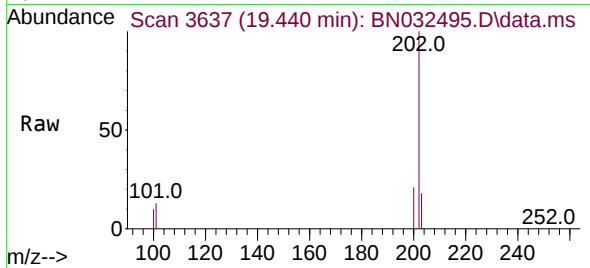
Tgt Ion:202 Resp: 3125660
 Ion Ratio Lower Upper
 202 100
 101 11.6 8.8 13.2
 100 8.6 6.4 9.6





#20
Pyrene
Concen: 31.360 ng/ul m
RT: 19.440 min Scan# 3637
Delta R.T. -0.000 min
Lab File: BN032495.D
Acq: 05 Jul 2024 04:22

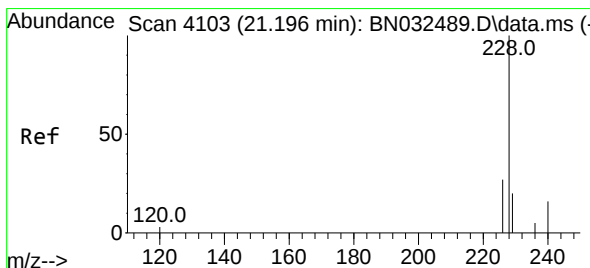
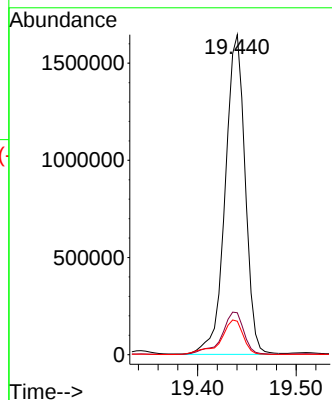
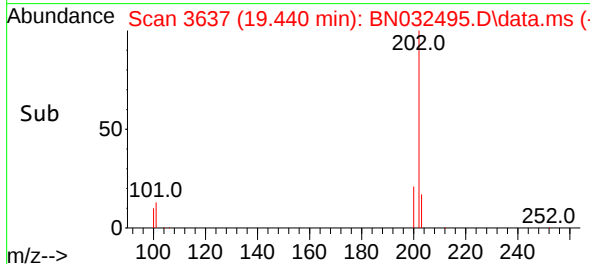
Instrument :
BNA_N
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A4CX6



Tgt Ion:202 Resp: 230983
Ion Ratio Lower Upper
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101 13.1 11.0 16.4
100 10.4 8.7 13.1

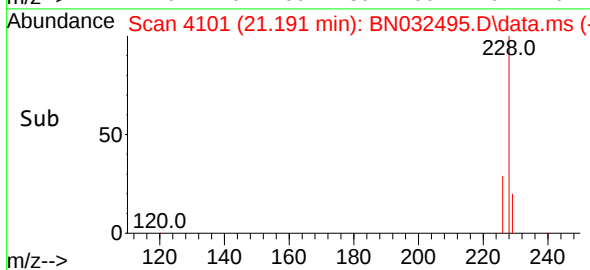
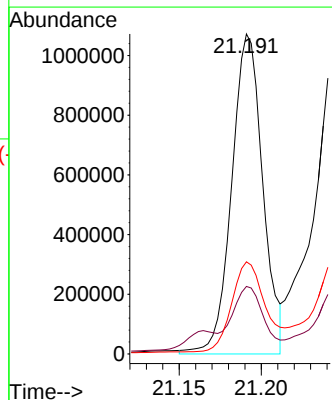
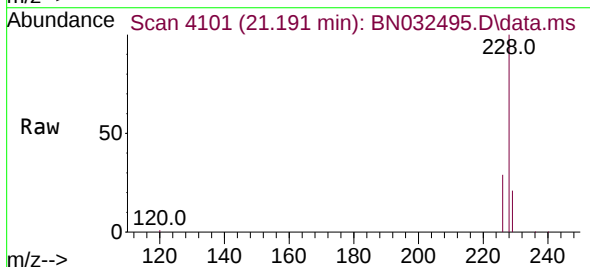
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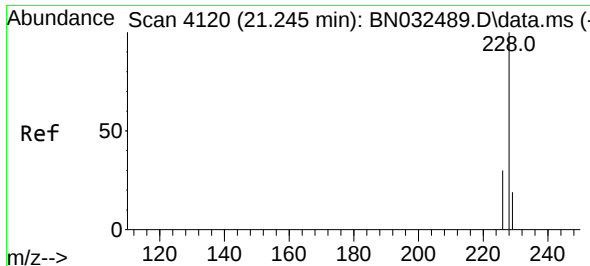
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#21
Benzo(a)anthracene
Concen: 21.090 ng/ul m
RT: 21.191 min Scan# 4101
Delta R.T. -0.000 min
Lab File: BN032495.D
Acq: 05 Jul 2024 04:22

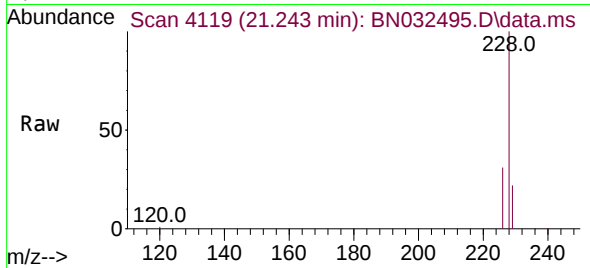
Tgt Ion:228 Resp: 1408877
Ion Ratio Lower Upper
228 100
229 21.1 15.7 23.5
226 28.8 21.8 32.8





#22
Chrysene
Concen: 22.014 ng/ul m
RT: 21.243 min Scan# 4119
Delta R.T. -0.000 min
Lab File: BN032495.D
Acq: 05 Jul 2024 04:22

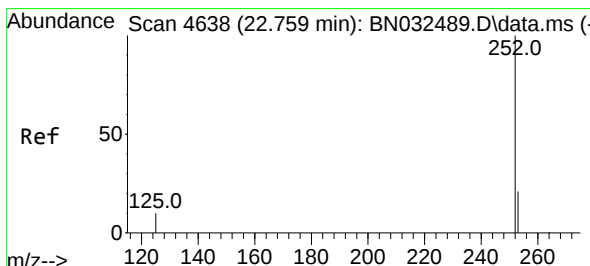
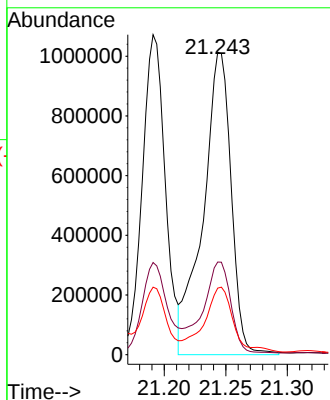
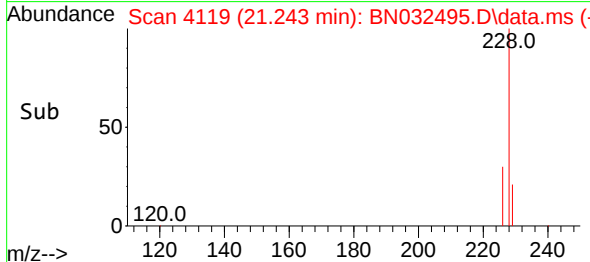
Instrument :
BNA_N
ClientSampleId :
A4CX6



Tgt Ion:228 Resp: 161410
Ion Ratio Lower Upper
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226 30.7 23.6 35.4
229 22.0 15.7 23.5

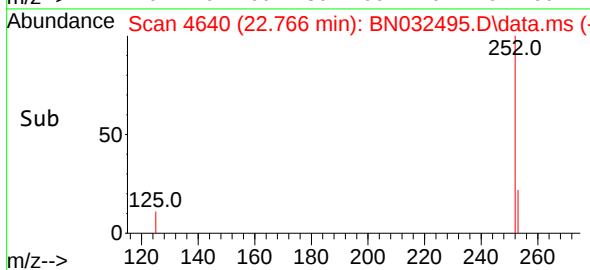
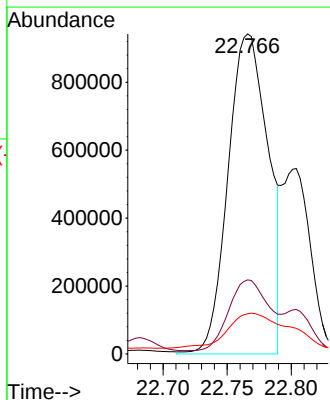
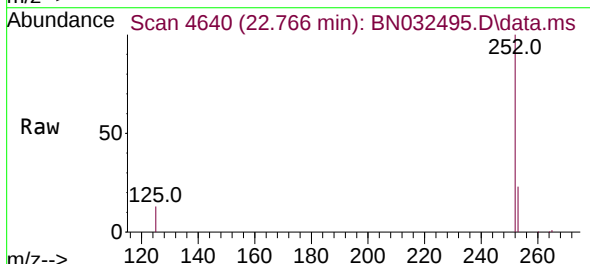
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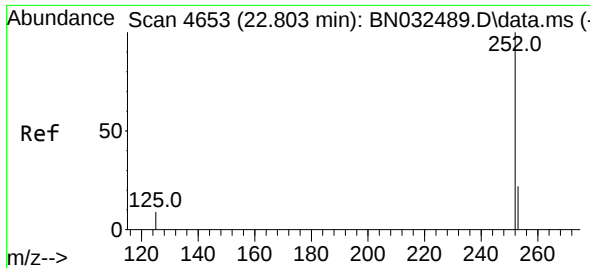
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#24
Benzo(b)fluoranthene
Concen: 18.391 ng/ul m
RT: 22.766 min Scan# 4640
Delta R.T. 0.009 min
Lab File: BN032495.D
Acq: 05 Jul 2024 04:22

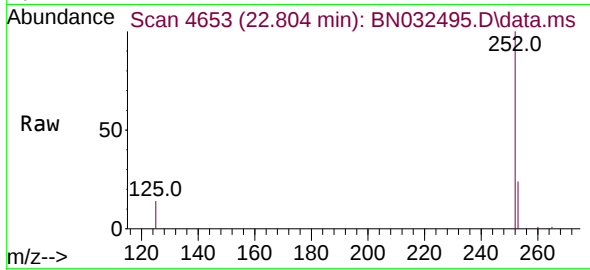
Tgt Ion:252 Resp: 2051672
Ion Ratio Lower Upper
252 100
253 23.1 0.0 50.2
125 12.6 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 7.972 ng/ul m
RT: 22.804 min Scan# 4653
Delta R.T. 0.003 min
Lab File: BN032495.D
Acq: 05 Jul 2024 04:22

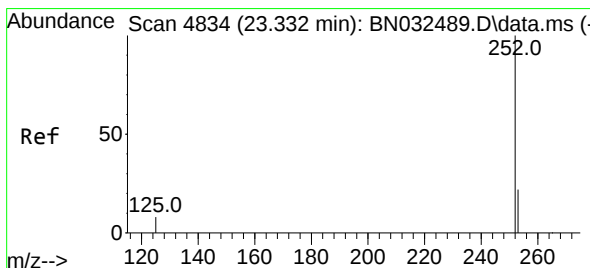
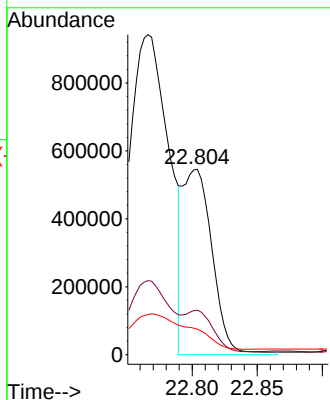
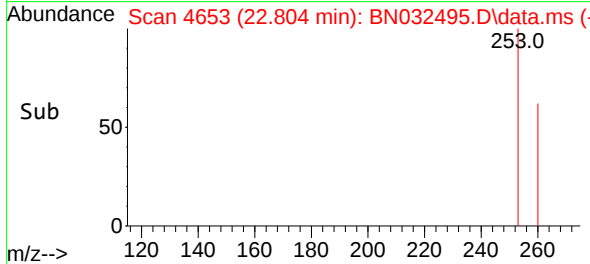
Instrument :
BNA_N
ClientSampleId :
A4CX6



Tgt Ion:252 Resp: 864063
Ion Ratio Lower Upper
252 100
253 24.0 20.3 30.5
125 13.8 12.8 19.2

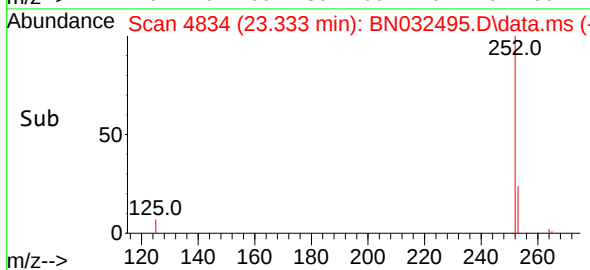
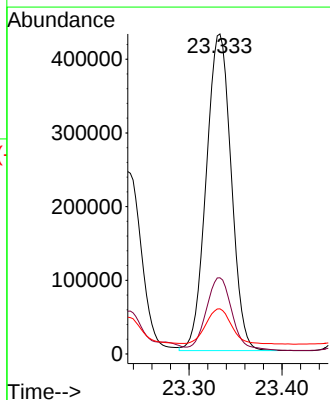
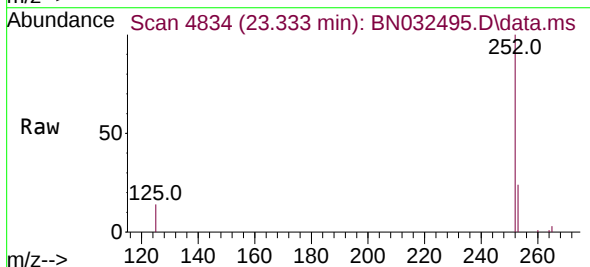
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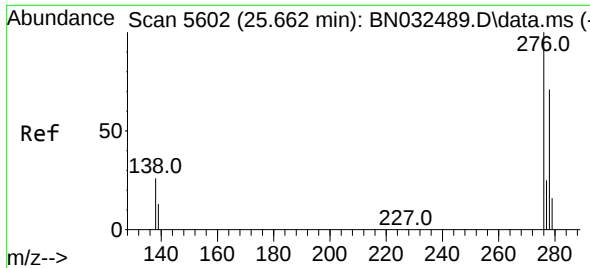
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#26
Benzo(a)pyrene
Concen: 10.300 ng/ul m
RT: 23.333 min Scan# 4834
Delta R.T. 0.006 min
Lab File: BN032495.D
Acq: 05 Jul 2024 04:22

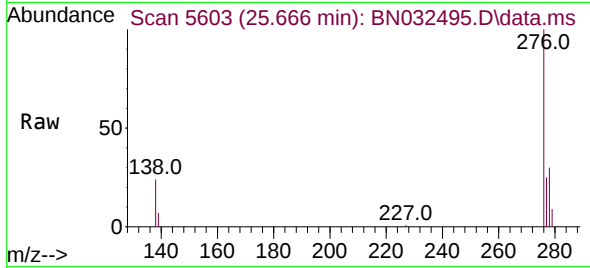
Tgt Ion:252 Resp: 799442
Ion Ratio Lower Upper
252 100
253 23.8 22.2 33.2
125 14.1 16.4 24.6#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 6.655 ng/ul m
 RT: 25.666 min Scan# 5603
 Delta R.T. 0.007 min
 Lab File: BN032495.D
 Acq: 05 Jul 2024 04:22

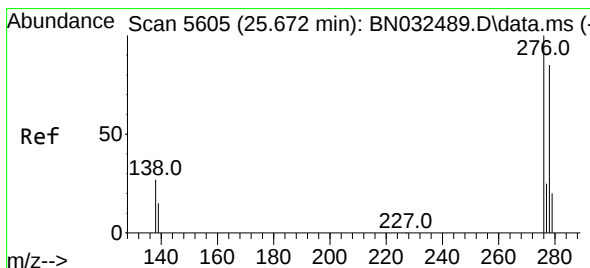
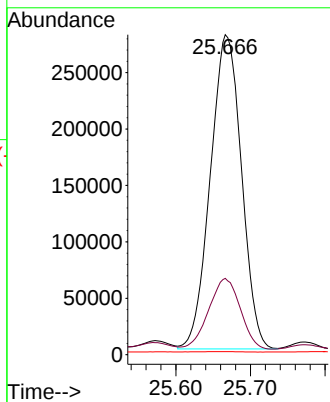
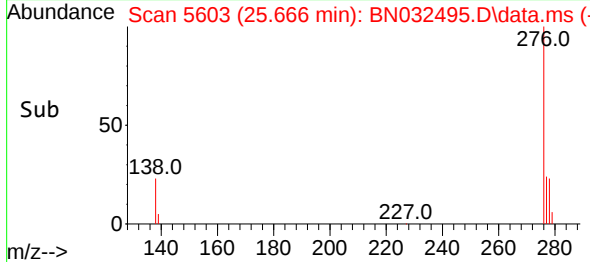
Instrument :
 BNA_N
 ClientSampleId :
 A4CX6



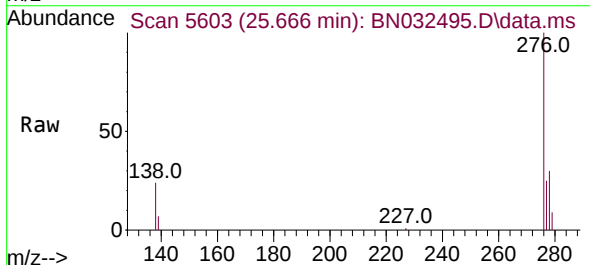
Tgt Ion:276 Resp: 808790
 Ion Ratio Lower Upper
 276 100
 138 3.7 21.3 31.9
 227 0.0 0.1 0.1

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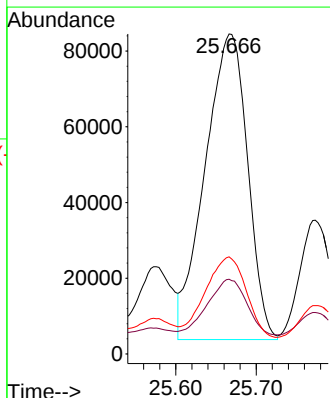
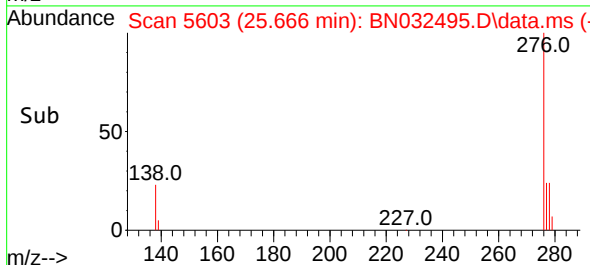
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

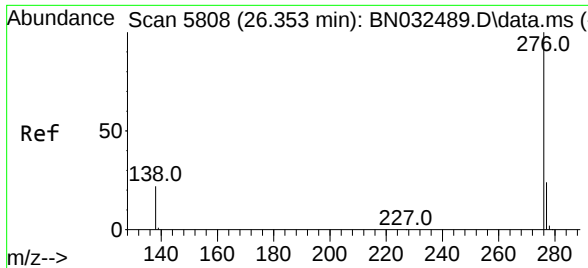


#28
 Dibenzo(a,h)anthracene
 Concen: 3.290 ng/ul m
 RT: 25.666 min Scan# 5603
 Delta R.T. -0.000 min
 Lab File: BN032495.D
 Acq: 05 Jul 2024 04:22



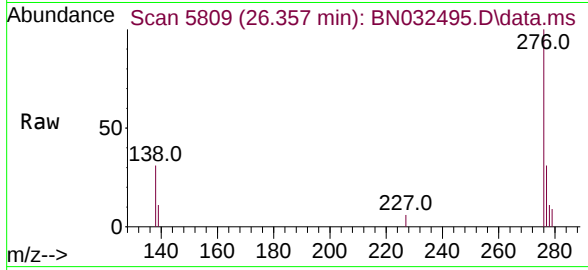
Tgt Ion:278 Resp: 297060
 Ion Ratio Lower Upper
 278 100
 139 23.3 15.9 23.9
 279 30.3 21.1 31.7





#29
 Benzo(g,h,i)perylene
 Concen: 1.213 ng/ul m
 RT: 26.357 min Scan# 5809
 Delta R.T. 0.013 min
 Lab File: BN032495.D
 Acq: 05 Jul 2024 04:22

Instrument :
 BNA_N
 ClientSampleId :
 A4CX6



Tgt Ion: 276 Resp: 117470

Ion	Ratio	Lower	Upper
276	100		
138	30.9	19.8	29.6
277	30.7	19.8	29.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

