

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032536.D
 Acq On : 06 Jul 2024 08:47
 Operator : MA/JU
 Sample : P2964-11DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS5DL

Quant Time: Jul 07 23:43:57 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.591	152	5971	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.365	136	17145	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.239	164	9717	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.995	188	19975	0.400	ng/ul	-0.01
17) Chrysene-d12	21.200	240	19224	0.400	ng/ul	# 0.00
23) Perylene-d12	23.415	264	23319	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	4408	0.664	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	973	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.031	212	2345	0.041	ng/ul	-0.01
Target Compounds				Qvalue		
5) Naphthalene	10.415	128	14724	0.325	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	5181	0.172	ng/ul	98
8) 1-Methylnaphthalene	12.263	142	3138	0.101	ng/ul	99
10) Acenaphthylene	13.957	152	25357	0.627	ng/ul	98
11) Acenaphthene	14.299	153	4409	0.141	ng/ul	96
12) Fluorene	15.294	166	6390	0.171	ng/ul#	96
14) Pentachlorophenol	16.670	266	98	0.022	ng/ul#	87
15) Phenanthrene	17.033	178	142060	2.594	ng/ul	99
16) Anthracene	17.130	178	41351	0.847	ng/ul	98
19) Fluoranthene	19.064	202	295972	4.043	ng/ul	100
20) Pyrene	19.426	202	242442	3.169	ng/ul	100
21) Benzo(a)anthracene	21.185	228	158651	2.287	ng/ul	96
22) Chrysene	21.238	228	184707	2.425	ng/ul	96
24) Benzo(b)fluoranthene	22.751	252	248571m	2.454	ng/ul	
25) Benzo(k)fluoranthene	22.792	252	89814m	0.912	ng/ul	
26) Benzo(a)pyrene	23.319	252	101433	1.439	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.646	276	114873	1.041	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.646	278	37568	0.458	ng/ul#	84
29) Benzo(g,h,i)perylene	26.334	276	17158	0.195	ng/ul#	80

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

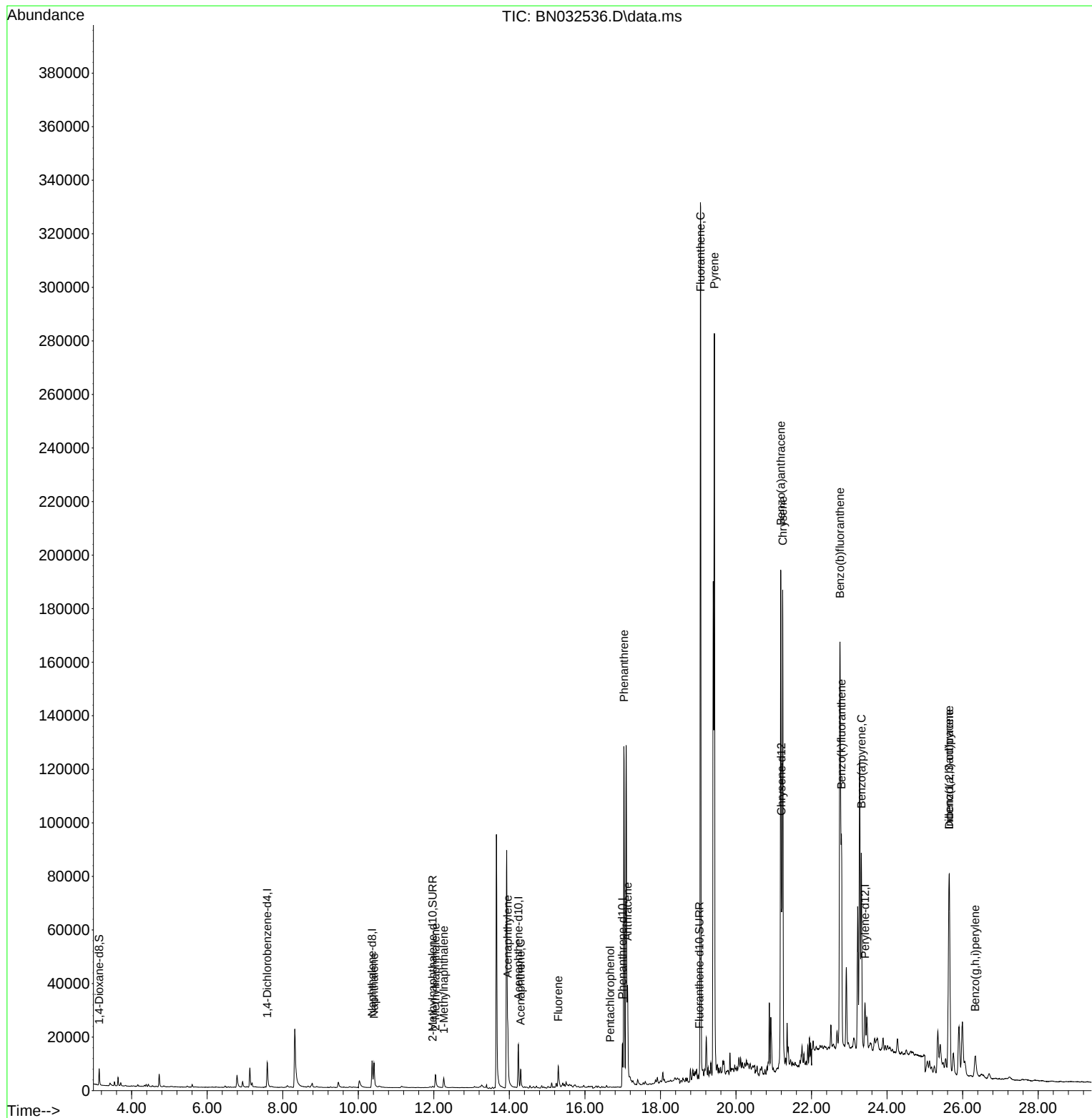
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032536.D
Acq On : 06 Jul 2024 08:47
Operator : MA/JU
Sample : P2964-11DL 5X
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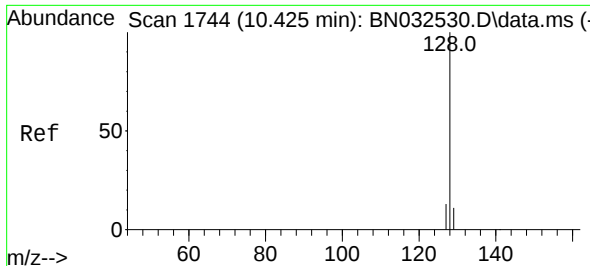
Instrument :
BNA_N
ClientSampleId :
A4CS5DL

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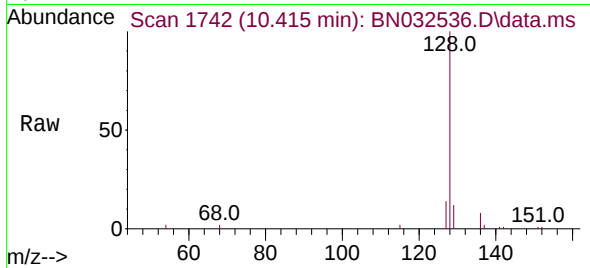
Quant Time: Jul 07 23:43:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.325 ng/ul
RT: 10.415 min Scan# 1744
Delta R.T. -0.016 min
Lab File: BN032536.D
Acq: 06 Jul 2024 08:47

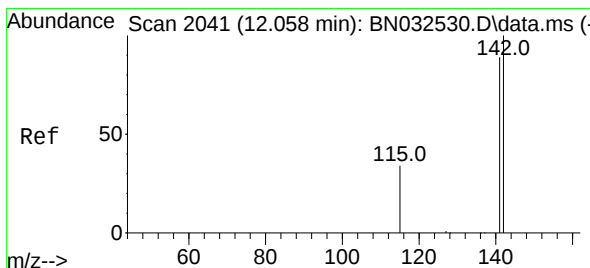
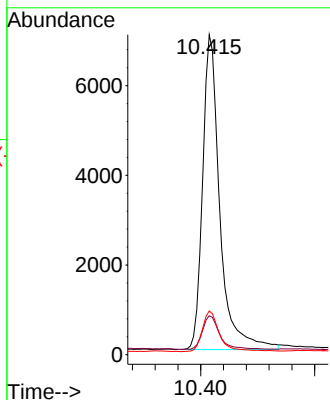
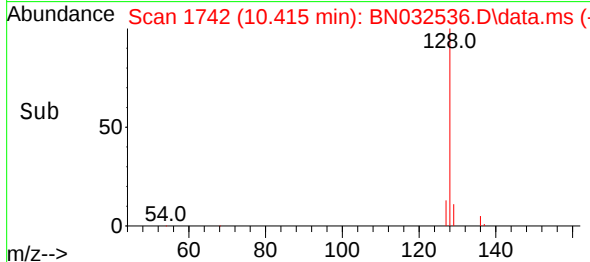
Instrument :
BNA_N
ClientSampleId :
A4CS5DL



Tgt Ion:128 Resp: 14724
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 13.6 10.8 16.2

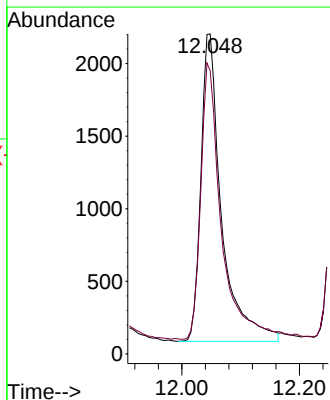
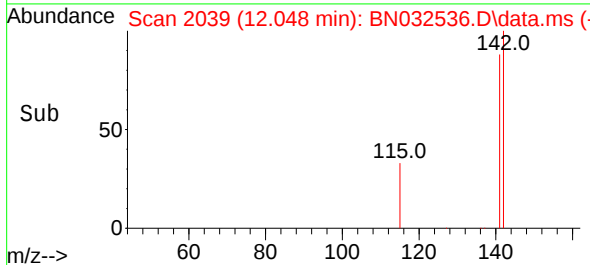
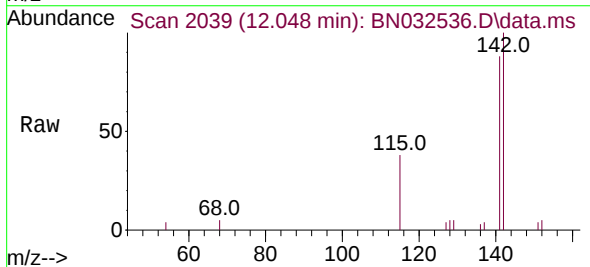
Manual Integrations
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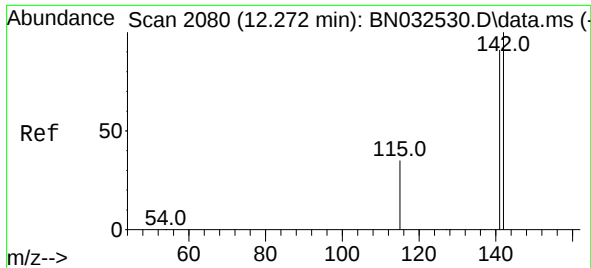
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#7
2-Methylnaphthalene
Concen: 0.172 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BN032536.D
Acq: 06 Jul 2024 08:47

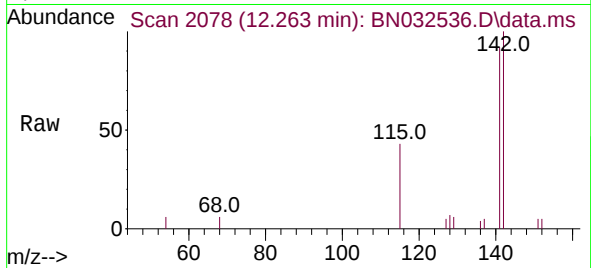
Tgt Ion:142 Resp: 5181
Ion Ratio Lower Upper
142 100
141 88.3 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 12.263 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BN032536.D
Acq: 06 Jul 2024 08:47

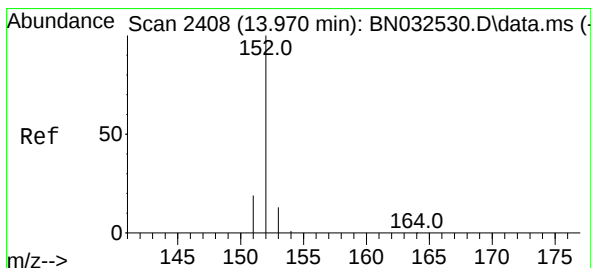
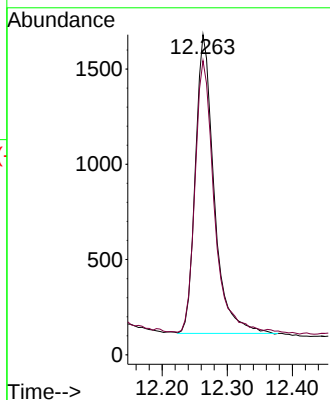
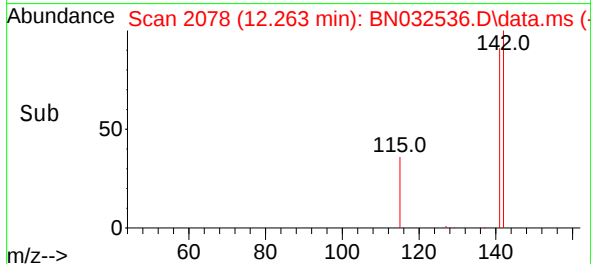
Instrument :
BNA_N
ClientSampleId :
A4CS5DL



Tgt Ion:142 Resp: 3138
Ion Ratio Lower Upper
142 100
141 92.8 73.4 110.0

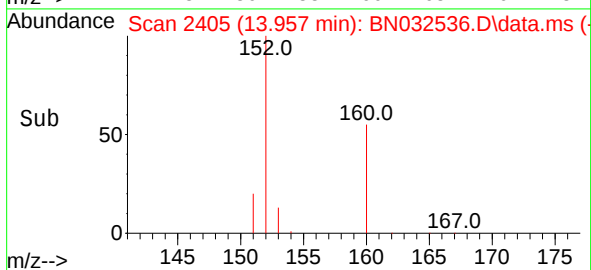
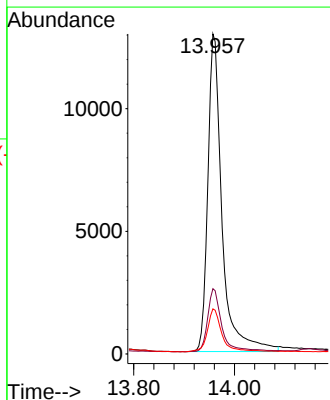
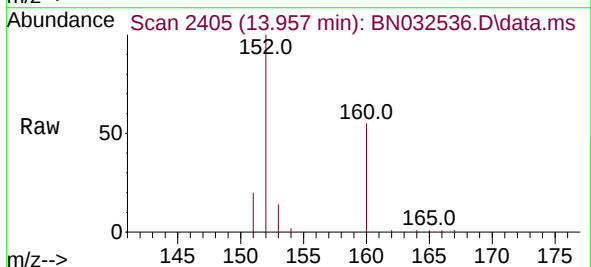
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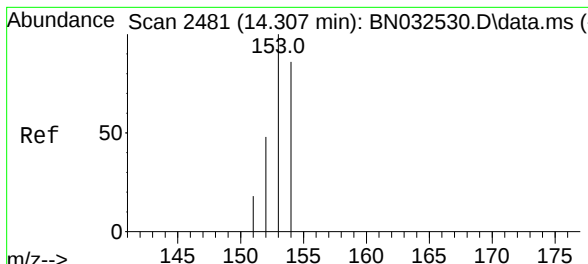
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.627 ng/ul
RT: 13.957 min Scan# 2405
Delta R.T. -0.014 min
Lab File: BN032536.D
Acq: 06 Jul 2024 08:47

Tgt Ion:152 Resp: 25357
Ion Ratio Lower Upper
152 100
151 20.4 15.7 23.5
153 14.1 10.9 16.3





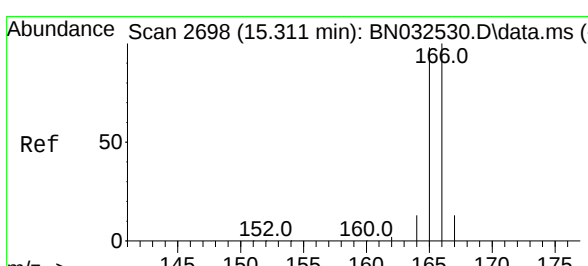
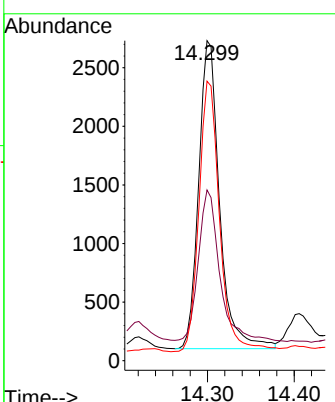
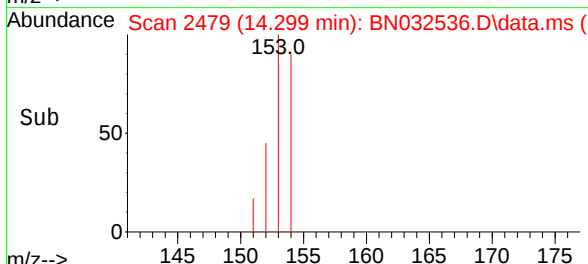
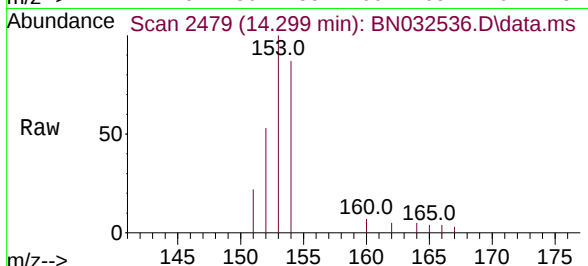
#11
 Acenaphthene
 Concen: 0.141 ng/ul
 RT: 14.299 min Scan# 2481
 Delta R.T. -0.014 min
 Lab File: BN032536.D
 Acq: 06 Jul 2024 08:47

Instrument : BNA_N
 ClientSampleId : A4CS5DL

Tgt Ion:153 Resp: 4409

Ion	Ratio	Lower	Upper
153	100		
152	53.4	39.5	59.3
154	87.4	71.7	107.5

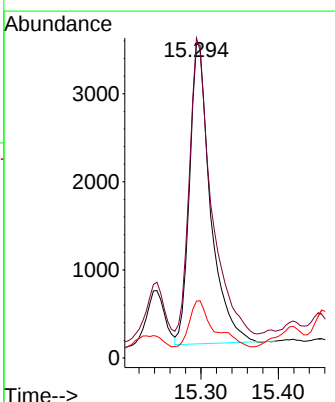
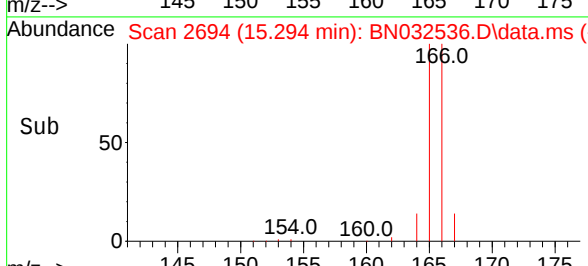
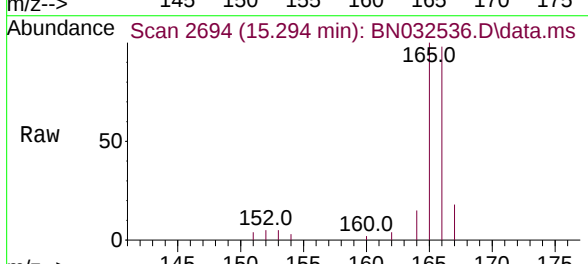
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 Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

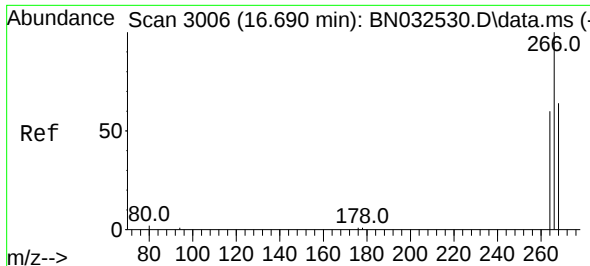


#12
 Fluorene
 Concen: 0.171 ng/ul
 RT: 15.294 min Scan# 2694
 Delta R.T. -0.018 min
 Lab File: BN032536.D
 Acq: 06 Jul 2024 08:47

Tgt Ion:166 Resp: 6390

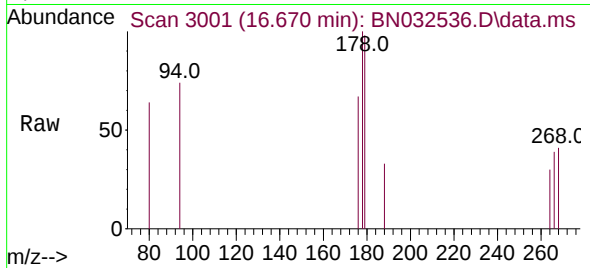
Ion	Ratio	Lower	Upper
166	100		
165	101.9	79.0	118.6
167	18.1	11.0	16.6





#14
Pentachlorophenol
Concen: 0.022 ng/ul
RT: 16.670 min Scan# 3006
Delta R.T. -0.004 min
Lab File: BN032536.D
Acq: 06 Jul 2024 08:47

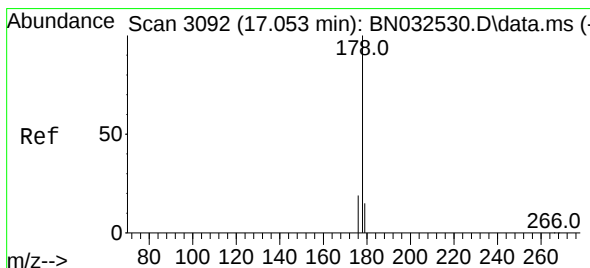
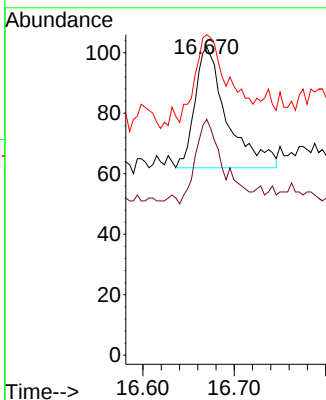
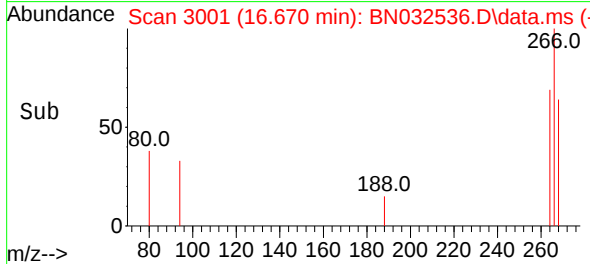
Instrument :
BNA_N
ClientSampleId :
A4CS5DL



Tgt Ion:266 Resp: 98
Ion Ratio Lower Upper
266 100
264 61.2 49.9 74.9
268 84.7 52.4 78.6

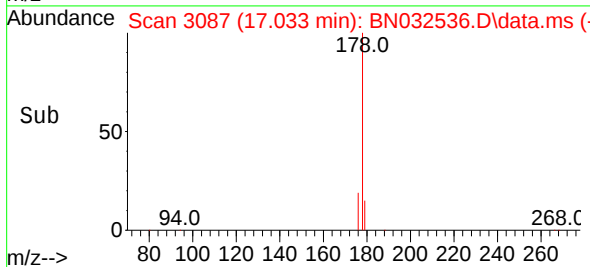
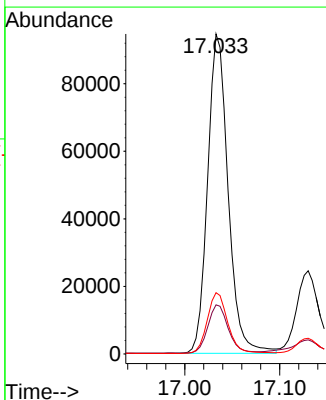
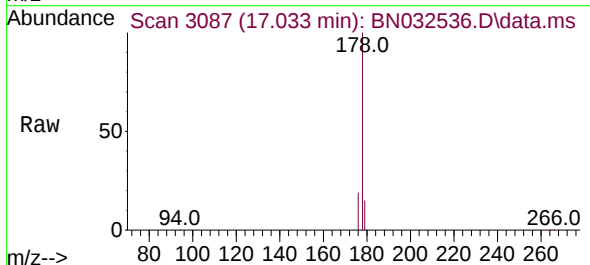
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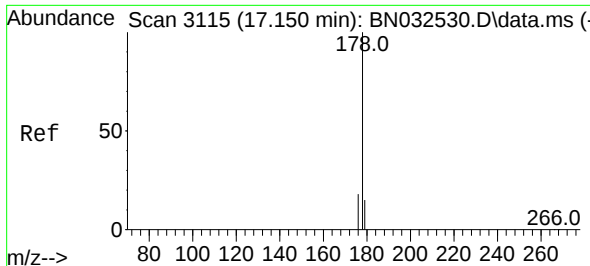
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#15
Phenanthrene
Concen: 2.594 ng/ul
RT: 17.033 min Scan# 3087
Delta R.T. -0.017 min
Lab File: BN032536.D
Acq: 06 Jul 2024 08:47

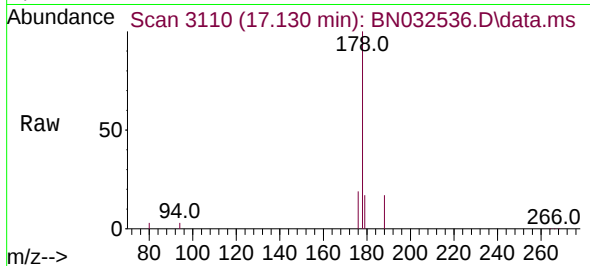
Tgt Ion:178 Resp: 142060
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.2 15.6 23.4





#16
 Anthracene
 Concen: 0.847 ng/ul
 RT: 17.130 min Scan# 3110
 Delta R.T. -0.013 min
 Lab File: BN032536.D
 Acq: 06 Jul 2024 08:47

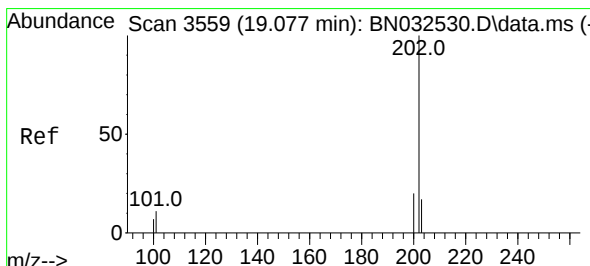
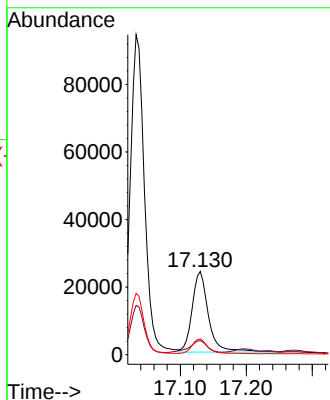
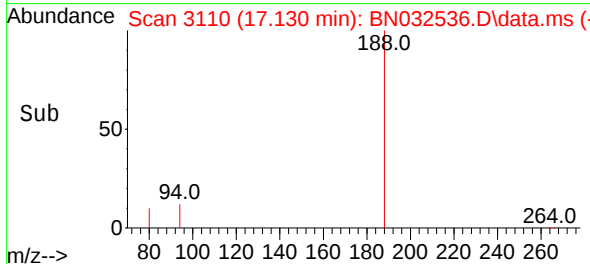
Instrument :
 BNA_N
 ClientSampleId :
 A4CS5DL



Tgt Ion:178 Resp: 4135
 Ion Ratio Lower Upper
 178 100
 179 16.9 12.5 18.7
 176 18.9 15.0 22.6

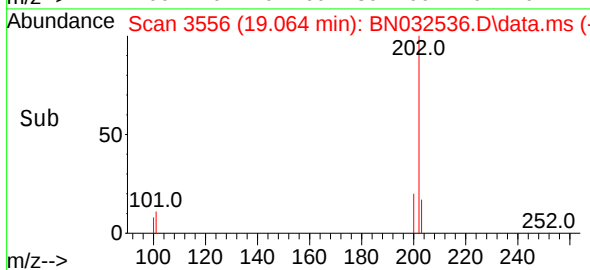
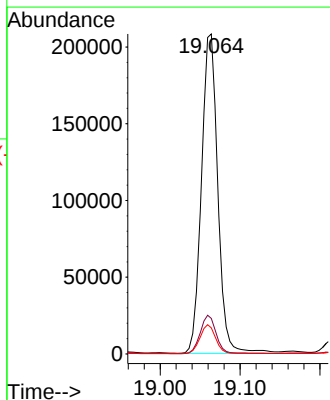
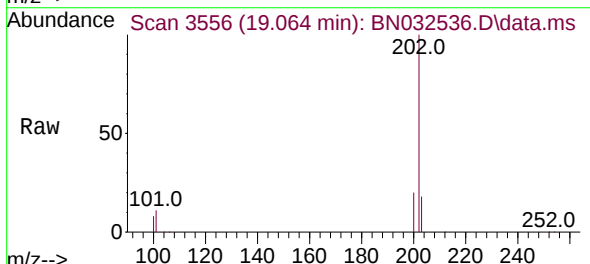
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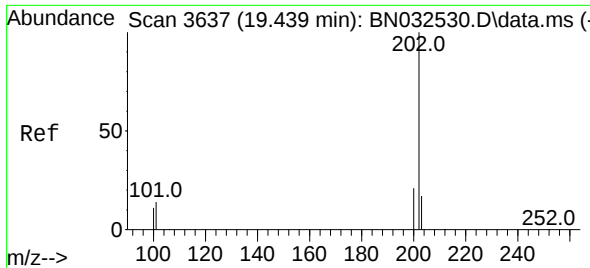
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#19
 Fluoranthene
 Concen: 4.043 ng/ul
 RT: 19.064 min Scan# 3556
 Delta R.T. -0.009 min
 Lab File: BN032536.D
 Acq: 06 Jul 2024 08:47

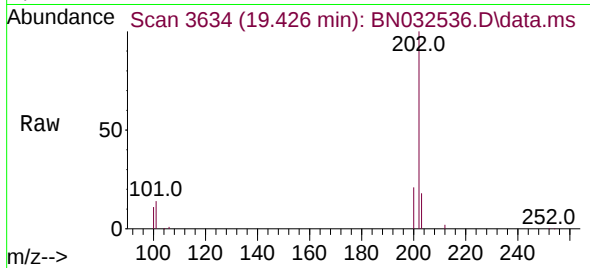
Tgt Ion:202 Resp: 295972
 Ion Ratio Lower Upper
 202 100
 101 11.1 8.8 13.2
 100 8.1 6.4 9.6





#20
Pyrene
Concen: 3.169 ng/ul
RT: 19.426 min Scan# 3099
Delta R.T. -0.014 min
Lab File: BN032536.D
Acq: 06 Jul 2024 08:47

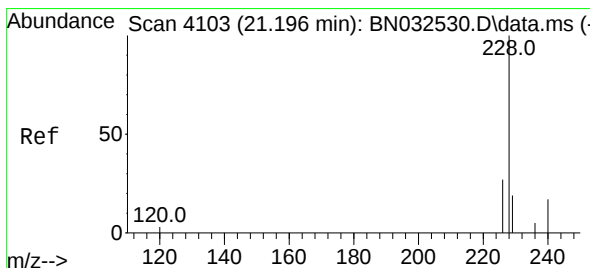
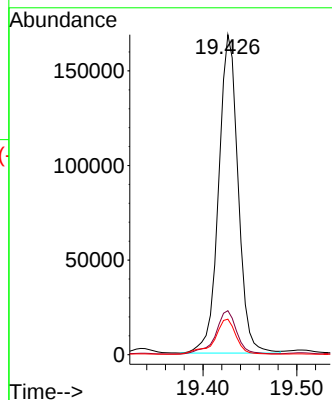
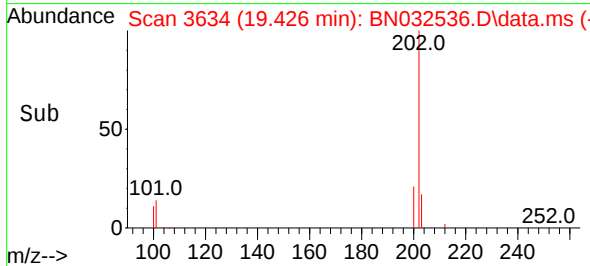
Instrument :
BNA_N
ClientSampleId :
A4CS5DL



Tgt Ion:202 Resp: 242442
Ion Ratio Lower Upper
202 100
101 13.7 11.0 16.4
100 11.1 8.7 13.1

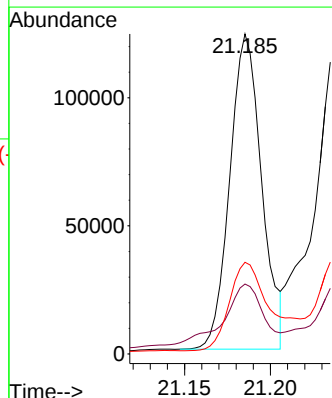
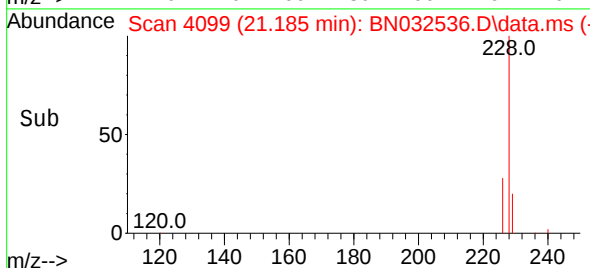
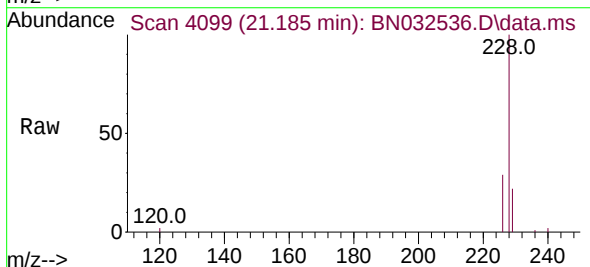
Manual Integrations
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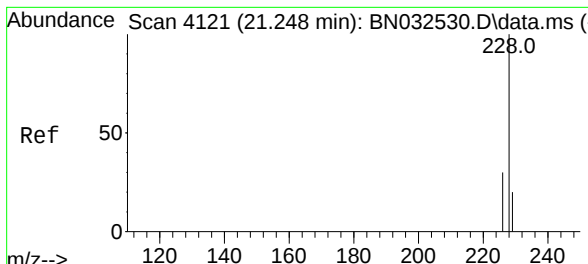
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#21
Benzo(a)anthracene
Concen: 2.287 ng/ul
RT: 21.185 min Scan# 4099
Delta R.T. -0.006 min
Lab File: BN032536.D
Acq: 06 Jul 2024 08:47

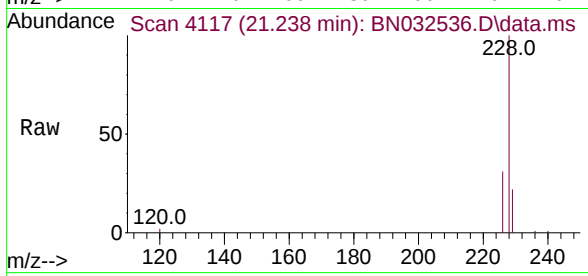
Tgt Ion:228 Resp: 158651
Ion Ratio Lower Upper
228 100
229 21.9 15.7 23.5
226 28.6 21.8 32.8





#22
 Chrysene
 Concen: 2.425 ng/ul
 RT: 21.238 min Scan# 4117
 Delta R.T. -0.006 min
 Lab File: BN032536.D
 Acq: 06 Jul 2024 08:47

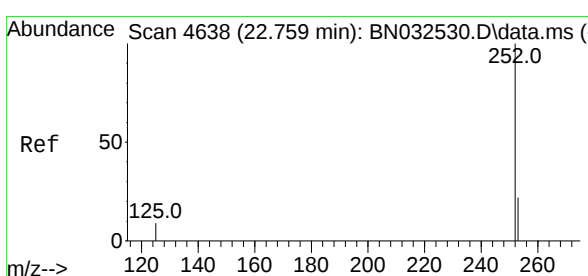
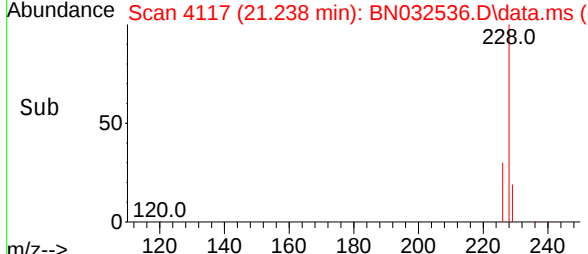
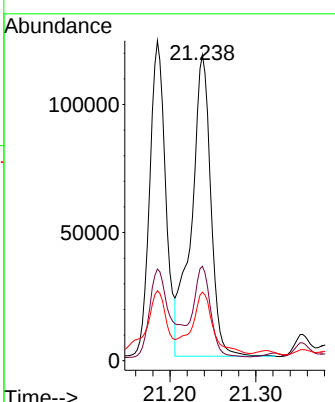
Instrument : BNA_N
 ClientSampleId : A4CS5DL



Tgt Ion:228 Resp: 18470

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.6	35.4
229	22.4	15.7	23.5

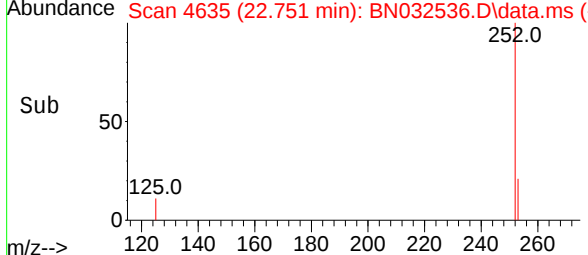
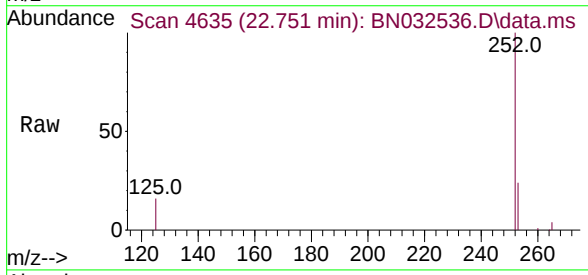
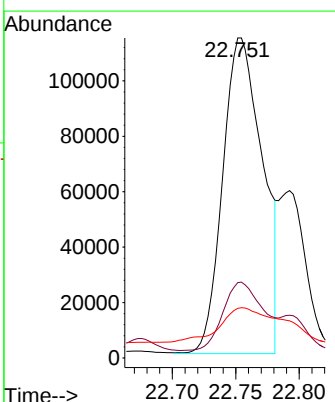
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 Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

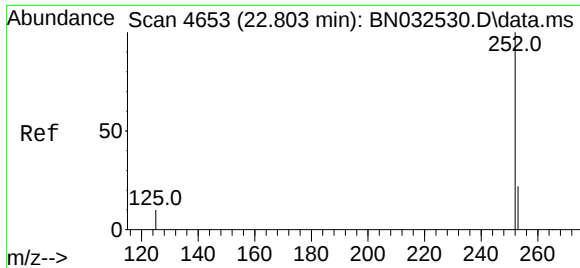


#24
 Benzo(b)fluoranthene
 Concen: 2.454 ng/ul m
 RT: 22.751 min Scan# 4635
 Delta R.T. -0.006 min
 Lab File: BN032536.D
 Acq: 06 Jul 2024 08:47

Tgt Ion:252 Resp: 248571

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	50.2
125	15.5	0.0	32.0





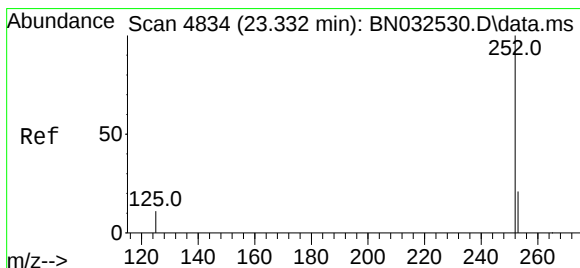
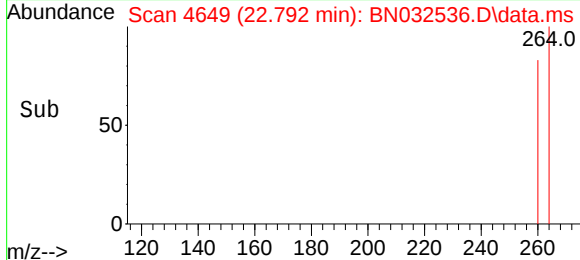
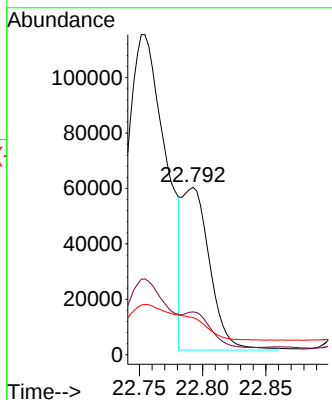
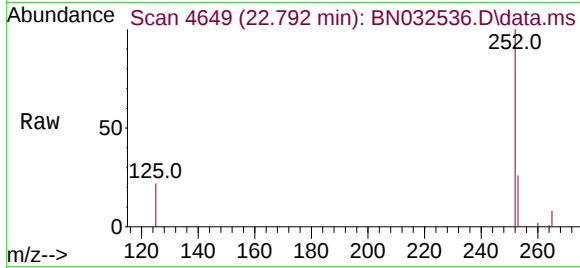
#25
Benzo(k)fluoranthene
Concen: 0.912 ng/ul m
RT: 22.792 min Scan# 4649
Delta R.T. -0.009 min
Lab File: BN032536.D
Acq: 06 Jul 2024 08:47

Instrument :
BNA_N
ClientSampleId :
A4CS5DL

Tgt Ion:	252	Resp:	89814
Ion Ratio	Lower	Upper	
252	100		
253	25.5	20.3	30.5
125	22.2	12.8	19.2

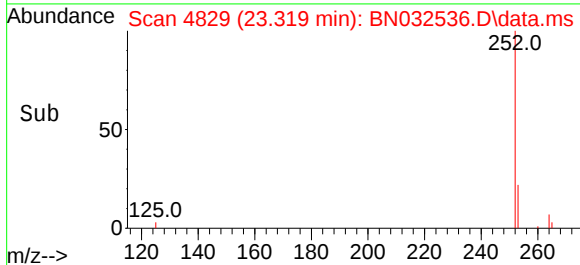
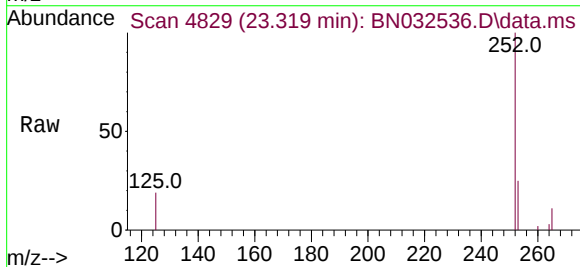
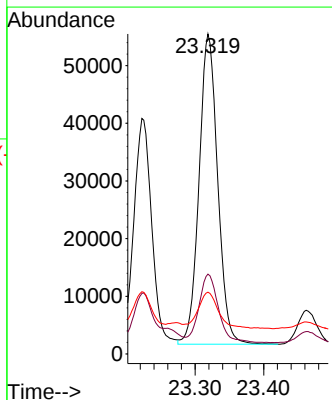
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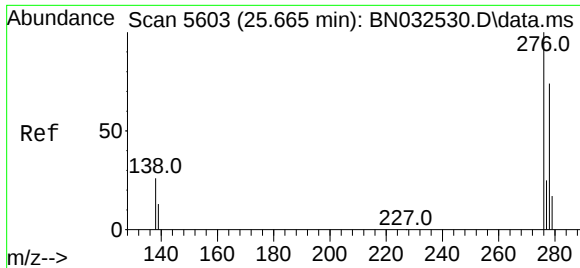
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#26
Benzo(a)pyrene
Concen: 1.439 ng/ul
RT: 23.319 min Scan# 4829
Delta R.T. -0.009 min
Lab File: BN032536.D
Acq: 06 Jul 2024 08:47

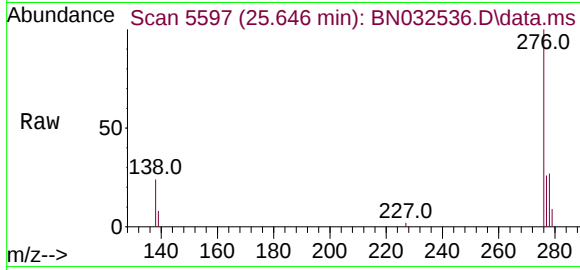
Tgt Ion:	252	Resp:	101433
Ion Ratio	Lower	Upper	
252	100		
253	24.9	22.2	33.2
125	19.3	16.4	24.6





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.041 ng/ul
 RT: 25.646 min Scan# 5597
 Delta R.T. -0.013 min
 Lab File: BN032536.D
 Acq: 06 Jul 2024 08:47

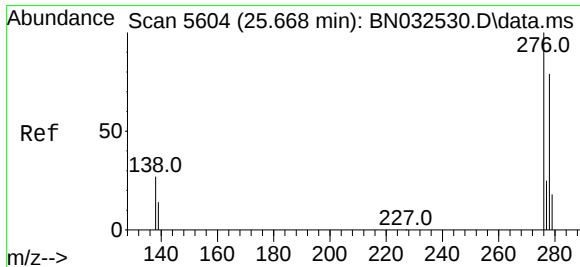
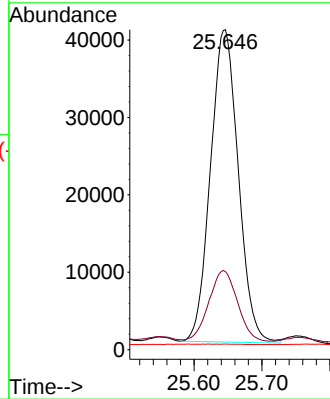
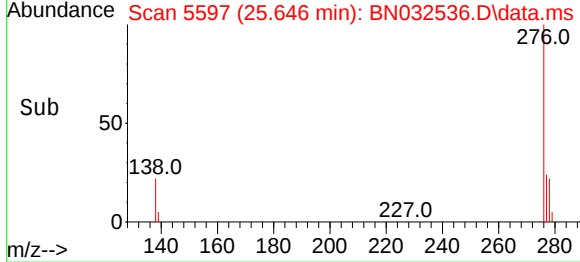
Instrument :
 BNA_N
 ClientSampleId :
 A4CS5DL



Tgt Ion:276 Resp: 114873
 Ion Ratio Lower Upper
 276 100
 138 23.4 21.3 31.9
 227 0.4 0.1 0.1

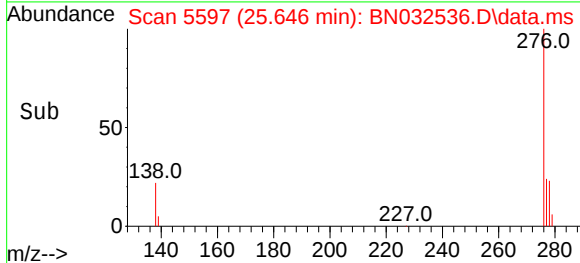
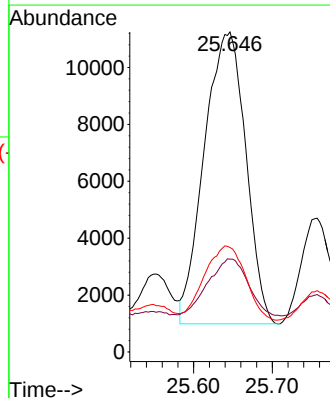
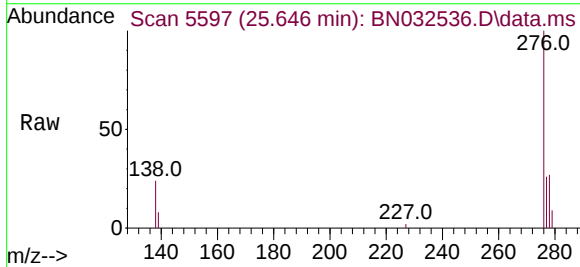
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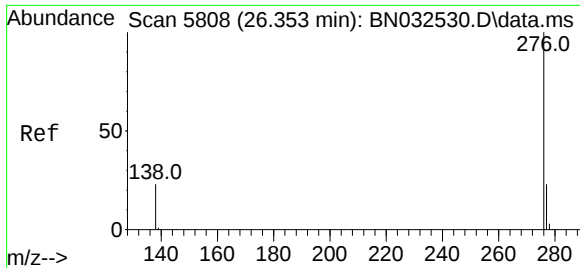
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#28
 Dibenzo(a,h)anthracene
 Concen: 0.458 ng/ul
 RT: 25.646 min Scan# 5597
 Delta R.T. -0.020 min
 Lab File: BN032536.D
 Acq: 06 Jul 2024 08:47

Tgt Ion:278 Resp: 37568
 Ion Ratio Lower Upper
 278 100
 139 29.0 15.9 23.9#
 279 32.7 21.1 31.7#





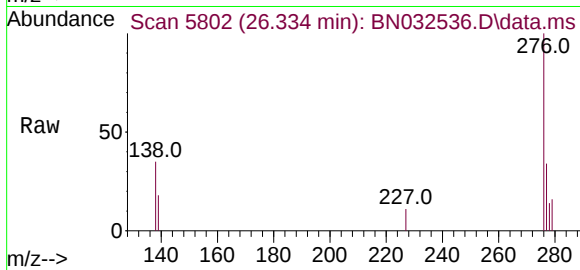
#29
Benzo(g,h,i)perylene
Concen: 0.195 ng/ul
RT: 26.334 min Scan# 5802
Delta R.T. -0.010 min
Lab File: BN032536.D
Acq: 06 Jul 2024 08:47

Instrument :

BNA_N

ClientSampleId :

A4CS5DL



Tgt Ion:276 Resp: 17158
Ion Ratio Lower Upper
276 100
138 35.3 19.8 29.6
277 33.8 19.8 29.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024

