

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
 Data File : BN035597.D
 Acq On : 13 Dec 2024 15:06
 Operator : RC/JU
 Sample : P5153-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28Q3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024

Quant Time: Dec 13 15:36:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 10 16:10:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.297	152	2316	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.042	136	14994	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.958	164	5870	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	16.730	188	7118	0.400	ng/ul	# 0.01
17) Chrysene-d12	20.988	240	4675	0.400	ng/ul	# 0.03
23) Perylene-d12	23.106	264	4991m	0.400	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.959	96	8672	4.097	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.642	152	2507	0.114	ng/ul	0.00
18) Fluoranthene-d10	18.786	212	3451	0.268	ng/ul	0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.091	128	32454	0.859	ng/ul	99
7) 2-Methylnaphthalene	11.719	142	48654	1.857	ng/ul	97
8) 1-Methylnaphthalene	11.945	142	14511	0.549	ng/ul	96
10) Acenaphthylene	13.671	152	6702	0.288	ng/ul#	57
11) Acenaphthene	14.018	153	1209	0.068	ng/ul#	69
12) Fluorene	15.022	166	6632	0.317	ng/ul#	84
14) Pentachlorophenol	16.396	266	864	0.521	ng/ul	95
15) Phenanthrene	16.772	178	73067	3.883	ng/ul#	89
16) Anthracene	16.861	178	38889	2.227	ng/ul#	77
19) Fluoranthene	18.819	202	50347	3.093	ng/ul#	90
20) Pyrene	19.186	202	52230	3.084	ng/ul#	89
21) Benzo(a)anthracene	20.970	228	29812	1.838	ng/ul#	52
22) Chrysene	21.023	228	51143	3.133	ng/ul#	63
24) Benzo(b)fluoranthene	22.483	252	61811m	3.747	ng/ul	
25) Benzo(k)fluoranthene	22.519	252	16410m	0.965	ng/ul	
26) Benzo(a)pyrene	23.016	252	28251m	1.874	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.171	276	31175m	1.531	ng/ul	
28) Dibenzo(a,h)anthracene	25.175	278	9130m	0.572	ng/ul	
29) Benzo(g,h,i)perylene	25.799	276	44417m	2.767	ng/ul	

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

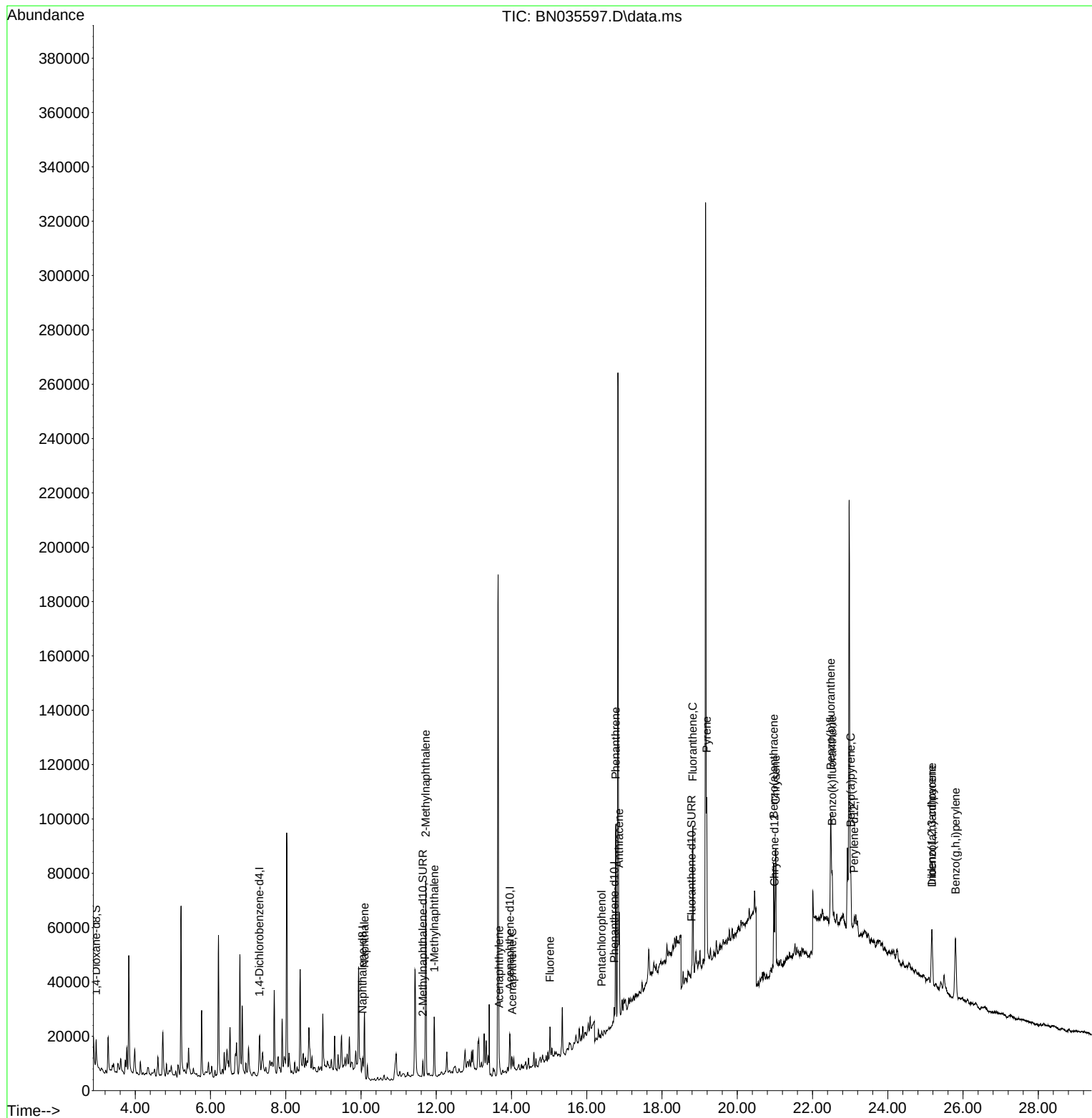
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121324\
Data File : BN035597.D
Acq On : 13 Dec 2024 15:06
Operator : RC/JU
Sample : P5153-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

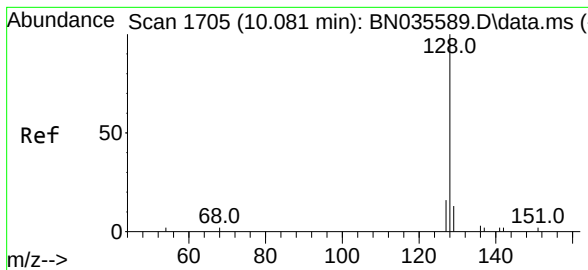
Instrument :
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Supervised By :mohammad ahmed 12/14/2024

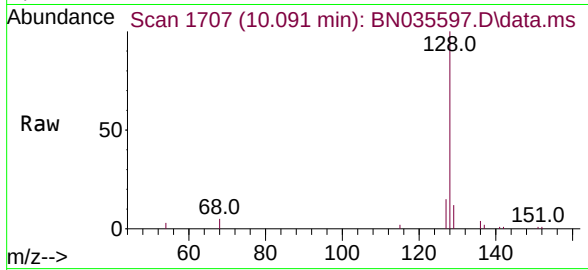
Quant Time: Dec 13 15:36:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
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#5
Naphthalene
Concen: 0.859 ng/ul
RT: 10.091 min Scan# 11
Delta R.T. 0.006 min
Lab File: BN035597.D
Acq: 13 Dec 2024 15:06

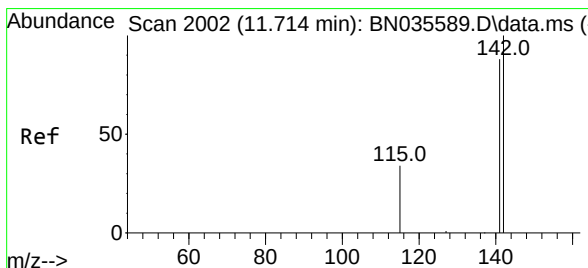
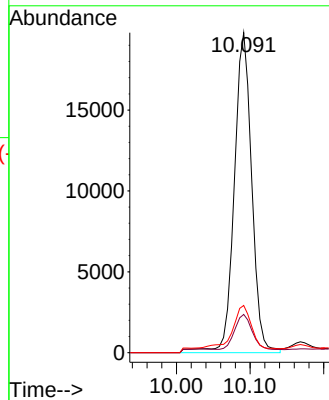
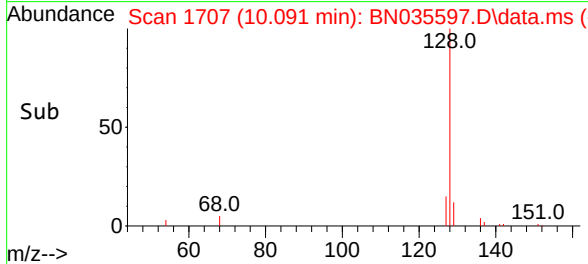
Instrument :
BNA_N
ClientSampleId :
E28Q3



Tgt Ion:128 Resp: 32454
Ion Ratio Lower Upper
128 100
129 12.0 9.9 14.9
127 14.8 11.4 17.2

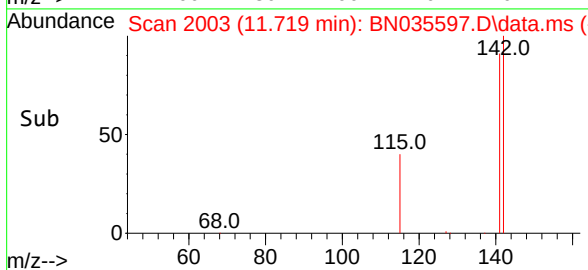
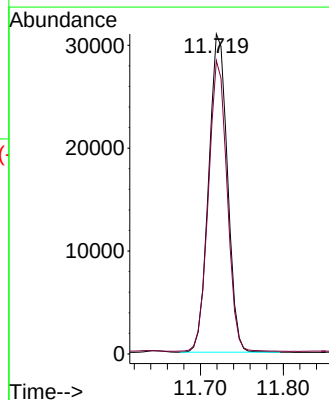
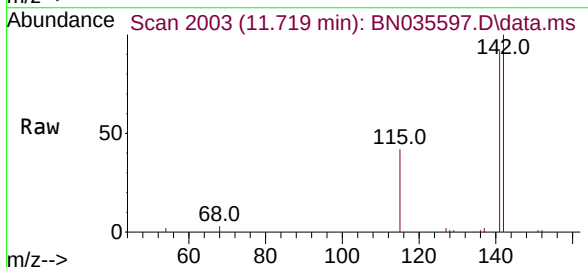
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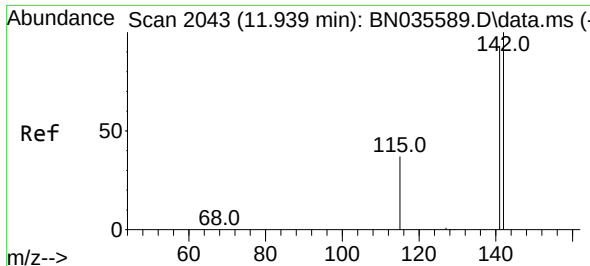
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#7
2-Methylnaphthalene
Concen: 1.857 ng/ul
RT: 11.719 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BN035597.D
Acq: 13 Dec 2024 15:06

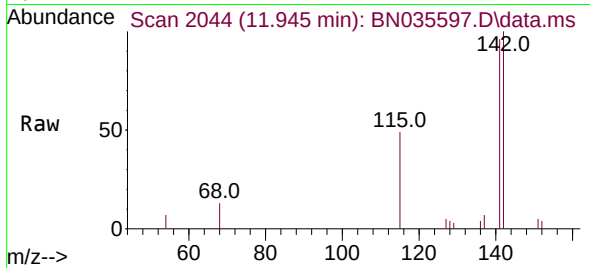
Tgt Ion:142 Resp: 48654
Ion Ratio Lower Upper
142 100
141 90.4 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.549 ng/ul
RT: 11.945 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BN035597.D
Acq: 13 Dec 2024 15:06

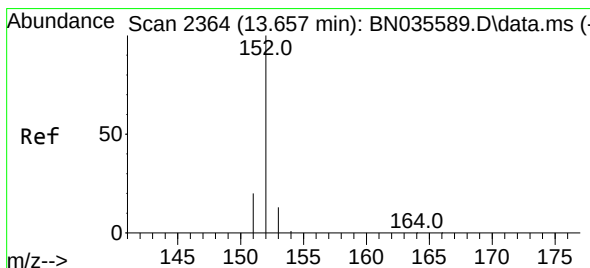
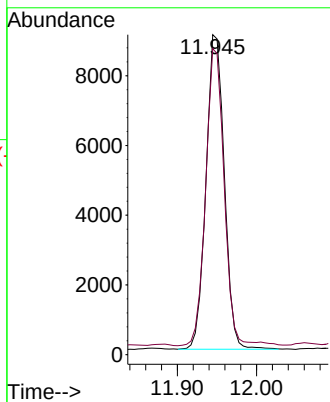
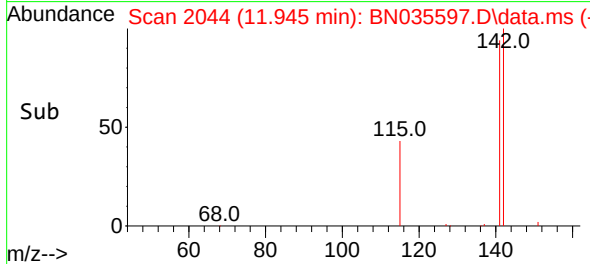
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 1451
Ion Ratio Lower Upper
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141 95.3 73.1 109.7

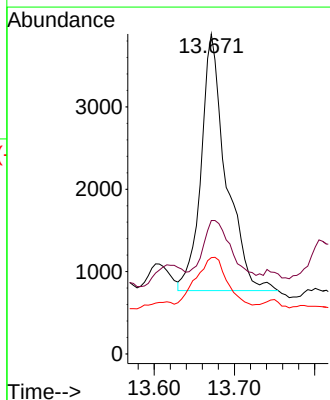
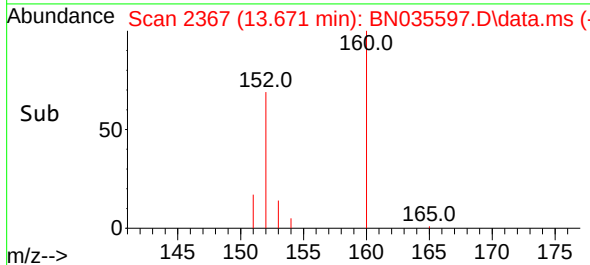
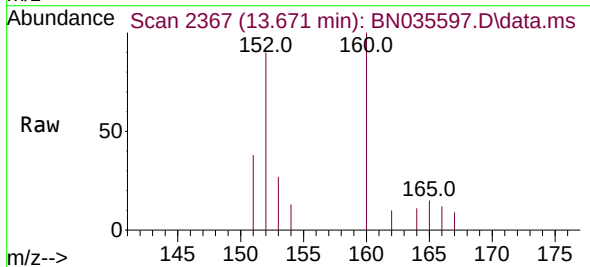
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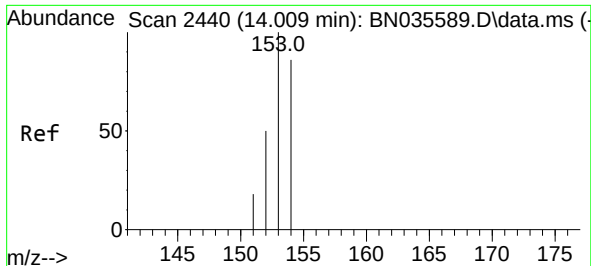
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#10
Acenaphthylene
Concen: 0.288 ng/ul
RT: 13.671 min Scan# 2367
Delta R.T. 0.009 min
Lab File: BN035597.D
Acq: 13 Dec 2024 15:06

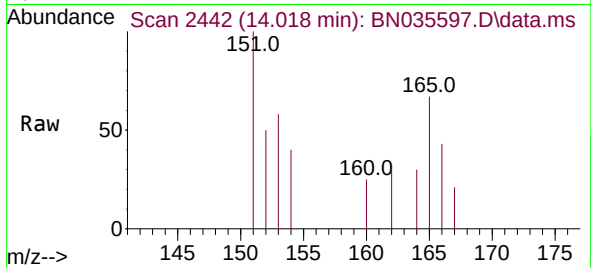
Tgt Ion:152 Resp: 6702
Ion Ratio Lower Upper
152 100
151 41.7 16.4 24.6#
153 30.1 11.1 16.7#





#11
Acenaphthene
Concen: 0.068 ng/ul
RT: 14.018 min Scan# 2442
Delta R.T. 0.005 min
Lab File: BN035597.D
Acq: 13 Dec 2024 15:06

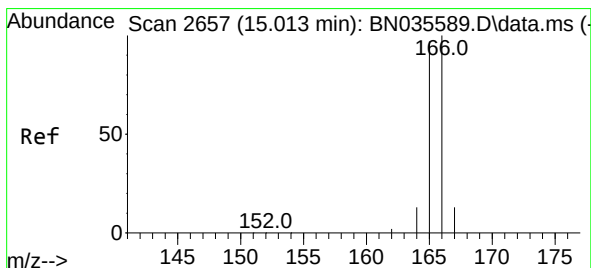
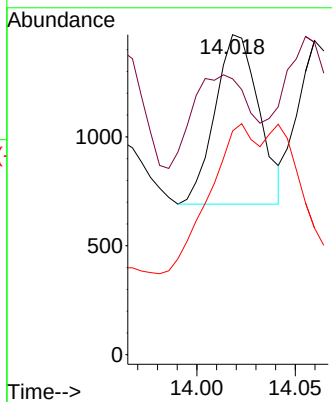
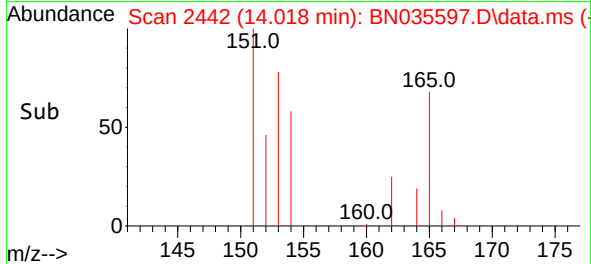
Instrument :
BNA_N
ClientSampleId :
E28Q3



Tgt Ion:153 Resp: 1209
Ion Ratio Lower Upper
153 100
152 86.2 41.4 62.0
154 69.9 71.2 106.8

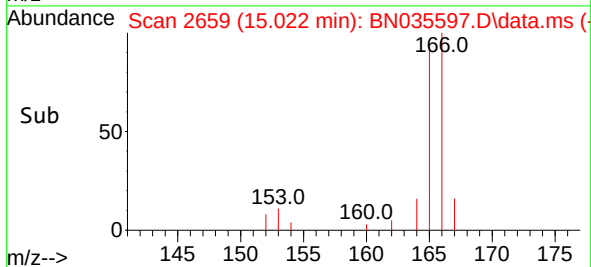
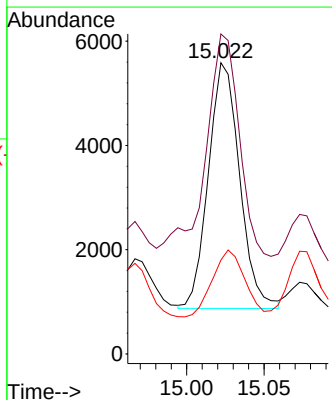
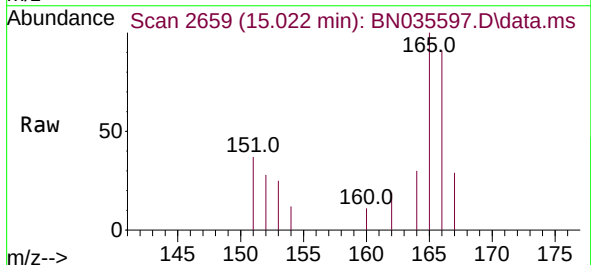
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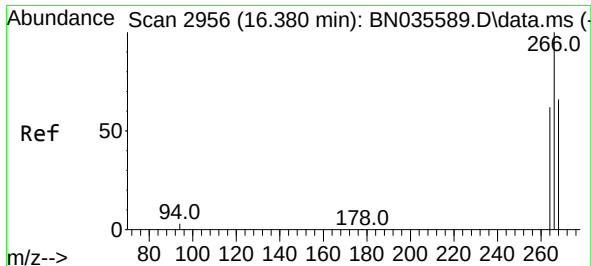
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#12
Fluorene
Concen: 0.317 ng/ul
RT: 15.022 min Scan# 2659
Delta R.T. 0.005 min
Lab File: BN035597.D
Acq: 13 Dec 2024 15:06

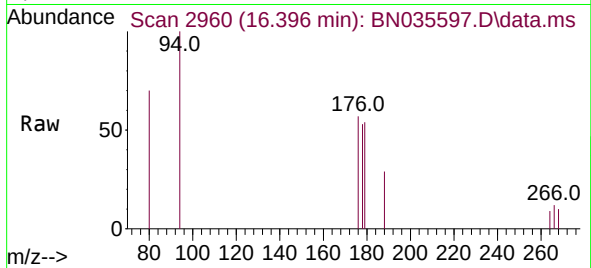
Tgt Ion:166 Resp: 6632
Ion Ratio Lower Upper
166 100
165 109.9 78.6 118.0
167 32.2 11.8 17.6





#14
Pentachlorophenol
Concen: 0.521 ng/ul
RT: 16.396 min Scan# 2956
Delta R.T. 0.017 min
Lab File: BN035597.D
Acq: 13 Dec 2024 15:06

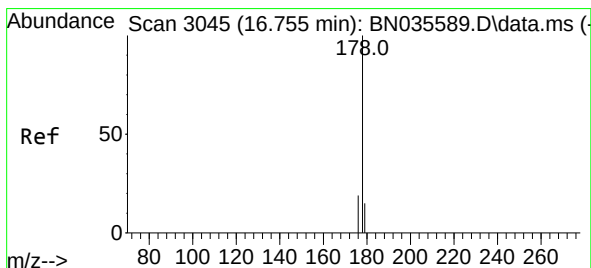
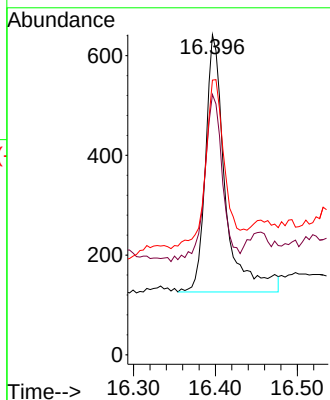
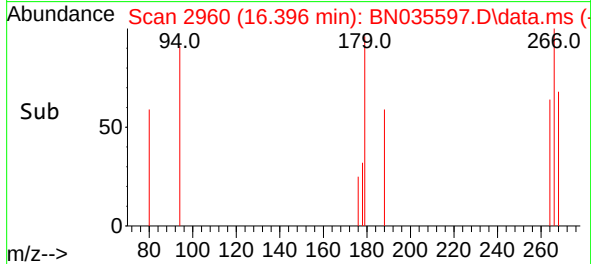
Instrument :
BNA_N
ClientSampleId :
E28Q3



Tgt Ion:266 Resp: 864
Ion Ratio Lower Upper
266 100
264 59.0 51.8 77.6
268 66.0 51.3 76.9

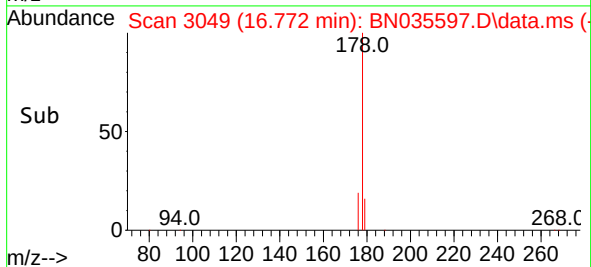
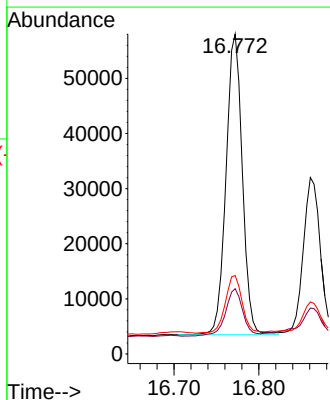
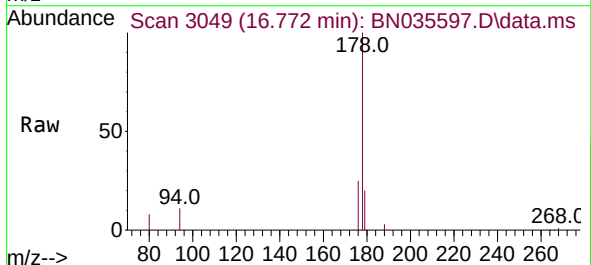
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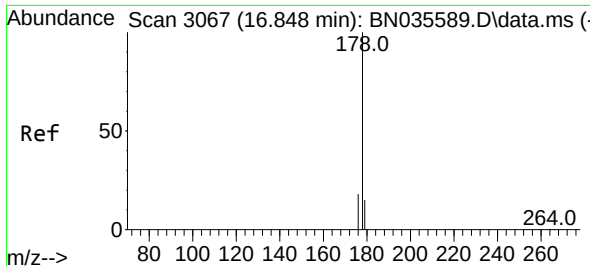
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#15
Phenanthrene
Concen: 3.883 ng/ul
RT: 16.772 min Scan# 3049
Delta R.T. 0.013 min
Lab File: BN035597.D
Acq: 13 Dec 2024 15:06

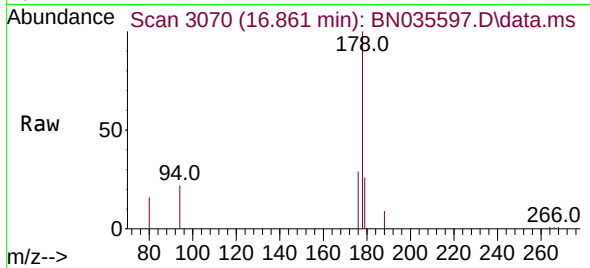
Tgt Ion:178 Resp: 73067
Ion Ratio Lower Upper
178 100
179 20.4 12.9 19.3#
176 24.5 15.6 23.4#





#16
Anthracene
Concen: 2.227 ng/ul
RT: 16.861 min Scan# 3067
Delta R.T. 0.013 min
Lab File: BN035597.D
Acq: 13 Dec 2024 15:06

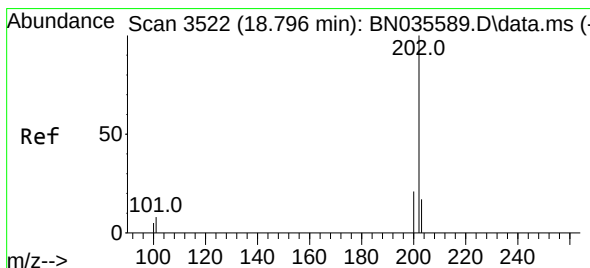
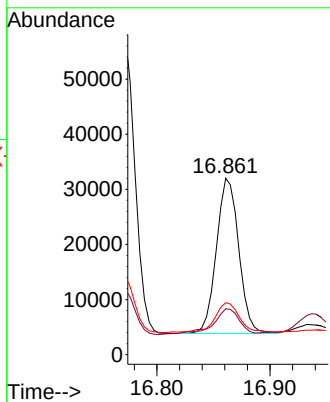
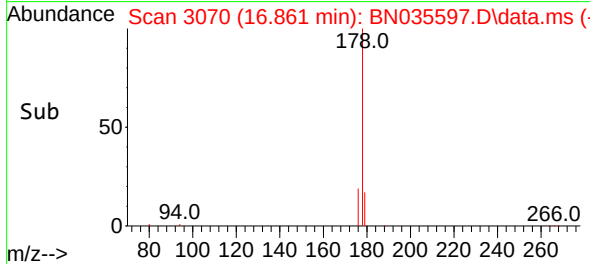
Instrument :
BNA_N
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E28Q3



Tgt Ion:178 Resp: 38889
Ion Ratio Lower Upper
178 100
179 26.0 12.9 19.3#
176 29.5 15.4 23.2#

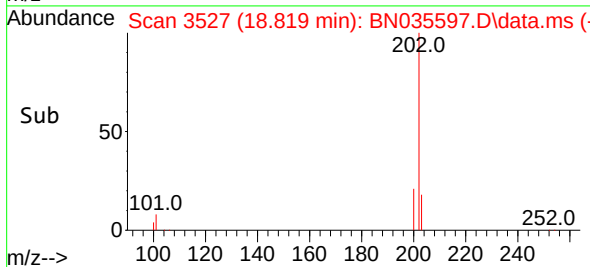
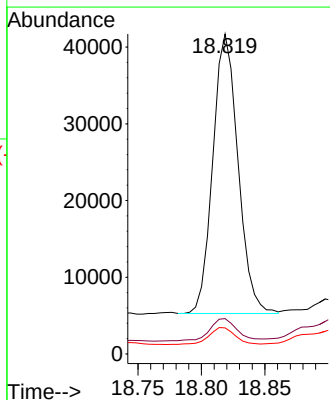
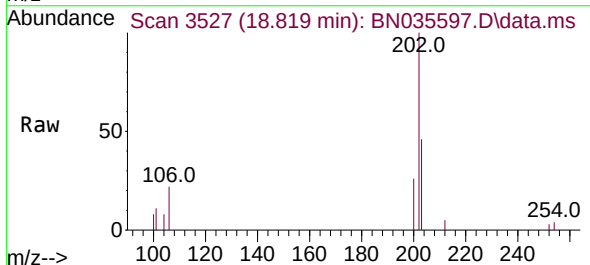
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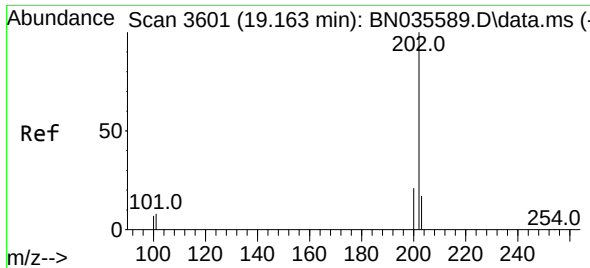
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#19
Fluoranthene
Concen: 3.093 ng/ul
RT: 18.819 min Scan# 3527
Delta R.T. 0.019 min
Lab File: BN035597.D
Acq: 13 Dec 2024 15:06

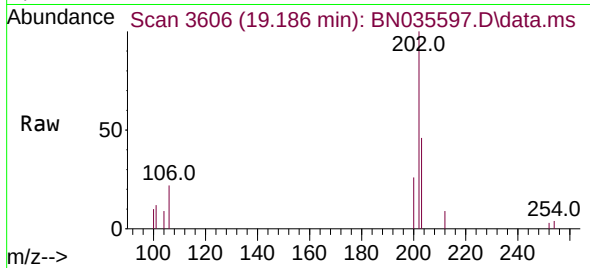
Tgt Ion:202 Resp: 50347
Ion Ratio Lower Upper
202 100
101 11.1 5.8 8.6#
100 8.1 4.5 6.7#





#20
Pyrene
Concen: 3.084 ng/ul
RT: 19.186 min Scan# 3606
Delta R.T. 0.019 min
Lab File: BN035597.D
Acq: 13 Dec 2024 15:06

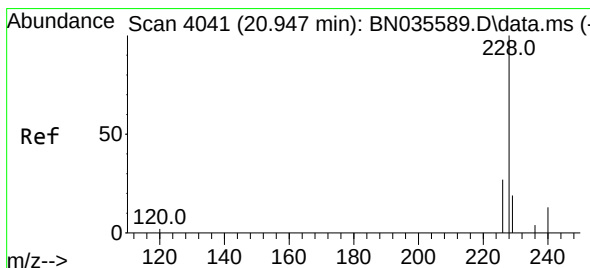
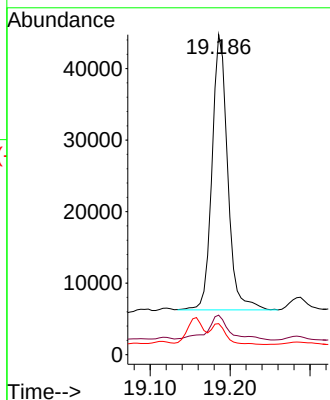
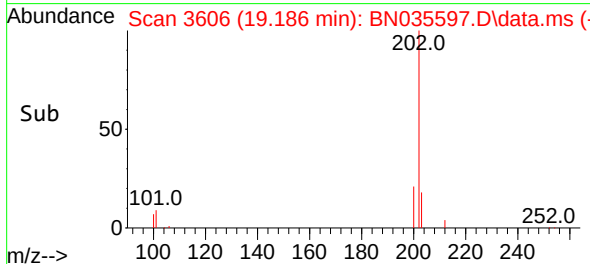
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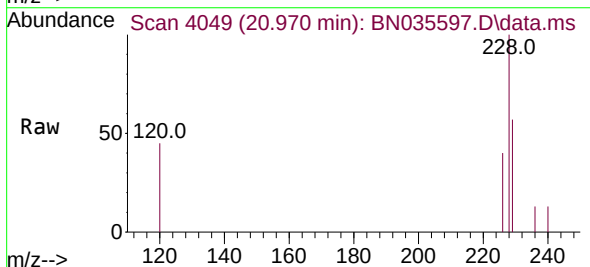
Tgt Ion:202 Resp: 52230
Ion Ratio Lower Upper
202 100
101 12.4 6.2 9.4#
100 9.7 5.1 7.7#

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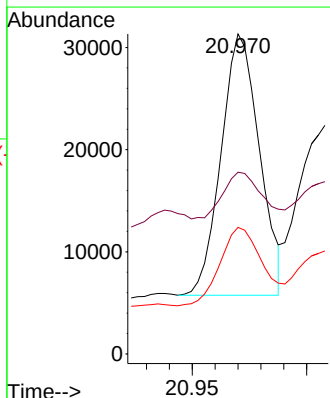
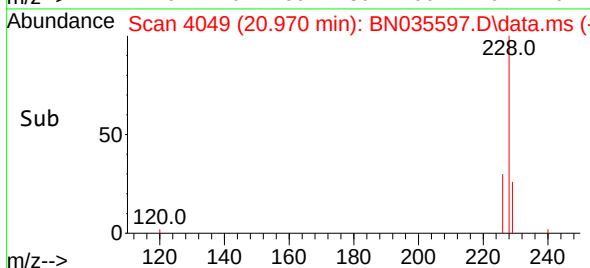
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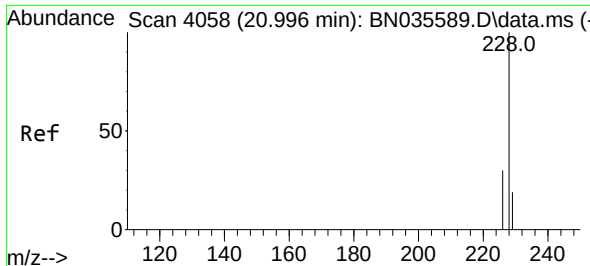


#21
Benzo(a)anthracene
Concen: 1.838 ng/ul
RT: 20.970 min Scan# 4049
Delta R.T. 0.023 min
Lab File: BN035597.D
Acq: 13 Dec 2024 15:06



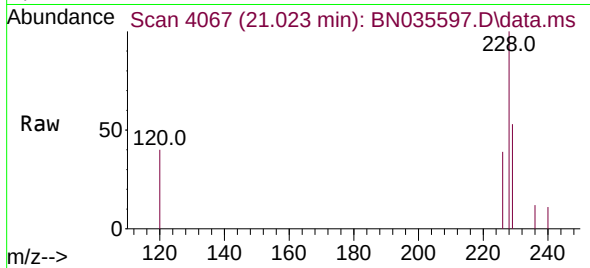
Tgt Ion:228 Resp: 29812
Ion Ratio Lower Upper
228 100
229 56.8 15.8 23.8#
226 39.5 21.8 32.8#





#22
Chrysene
Concen: 3.133 ng/ul
RT: 21.023 min Scan# 4058
Delta R.T. 0.026 min
Lab File: BN035597.D
Acq: 13 Dec 2024 15:06

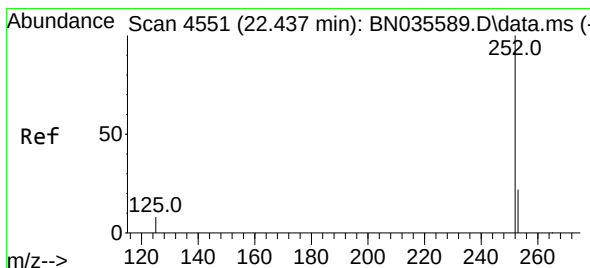
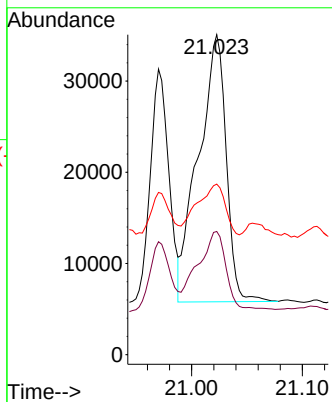
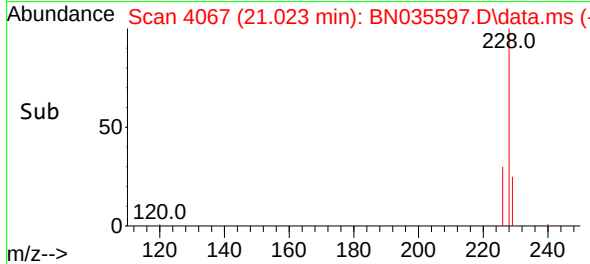
Instrument :
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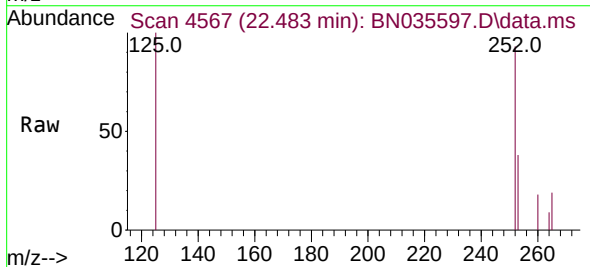
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Ion Ratio Lower Upper
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226 38.5 24.7 37.1
229 53.3 16.0 24.0

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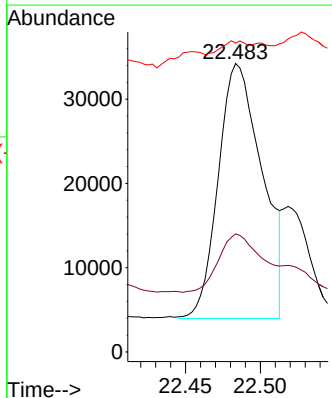
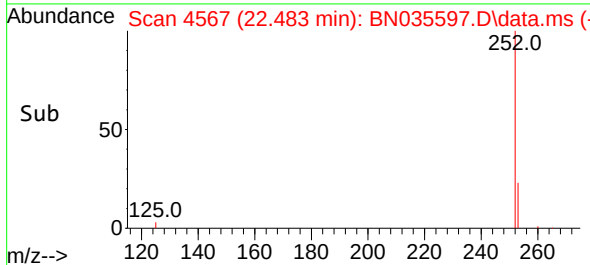
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

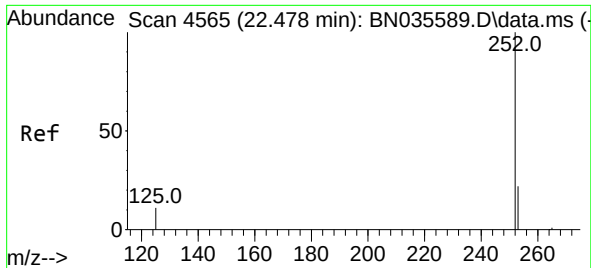


#24
Benzo(b)fluoranthene
Concen: 3.747 ng/ul m
RT: 22.483 min Scan# 4567
Delta R.T. 0.044 min
Lab File: BN035597.D
Acq: 13 Dec 2024 15:06



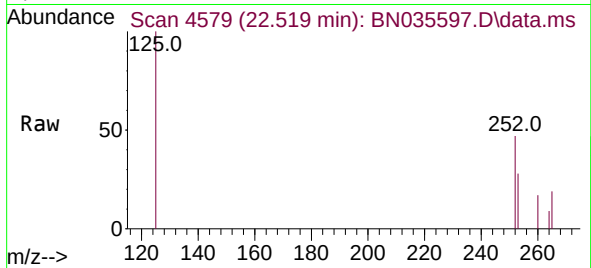
Tgt Ion:252 Resp: 61811
Ion Ratio Lower Upper
252 100
253 40.9 0.0 54.0
125 107.0 0.0 19.4





#25
Benzo(k)fluoranthene
Concen: 0.965 ng/ul m
RT: 22.519 min Scan# 4565
Delta R.T. 0.038 min
Lab File: BN035597.D
Acq: 13 Dec 2024 15:06

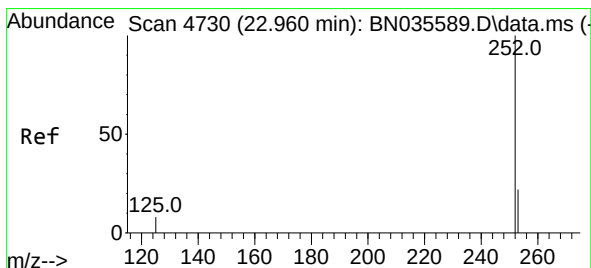
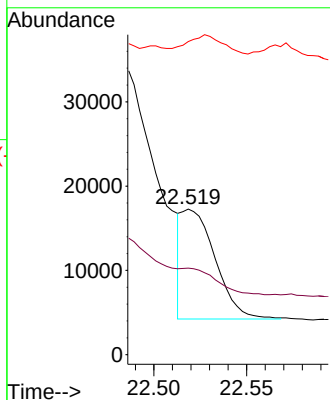
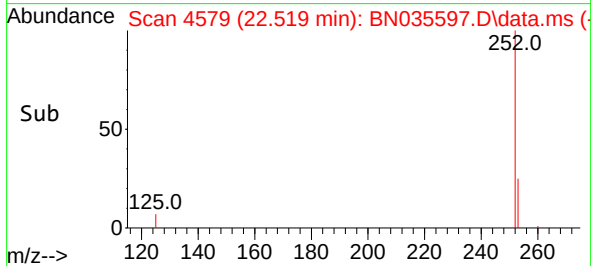
Instrument :
BNA_N
ClientSampleId :
E28Q3



Tgt Ion:252 Resp: 16410
Ion Ratio Lower Upper
252 100
253 59.4 21.8 32.6#
125 215.0 8.6 12.8#

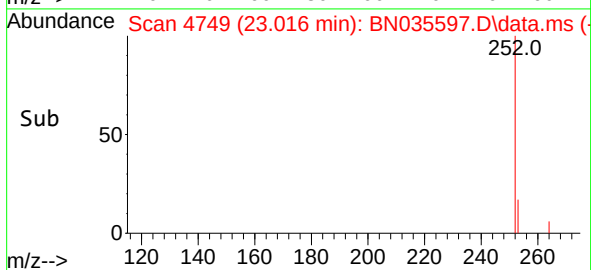
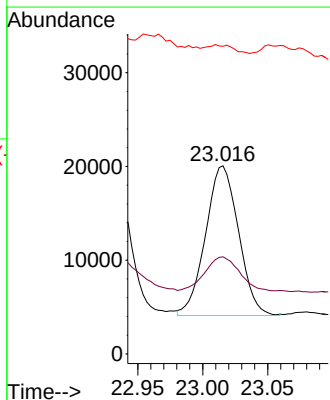
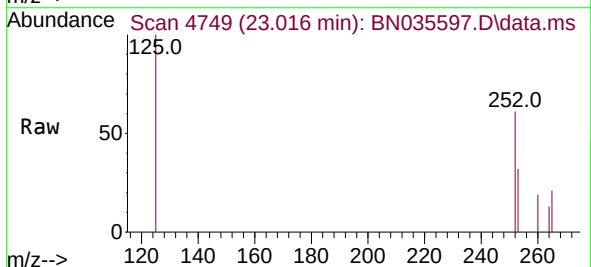
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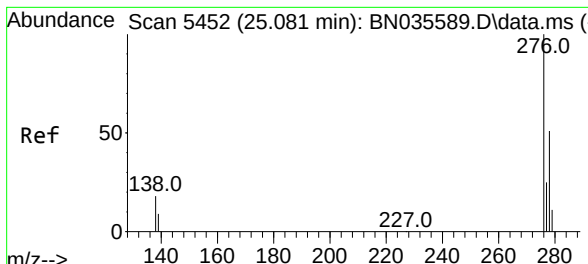
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#26
Benzo(a)pyrene
Concen: 1.874 ng/ul m
RT: 23.016 min Scan# 4749
Delta R.T. 0.056 min
Lab File: BN035597.D
Acq: 13 Dec 2024 15:06

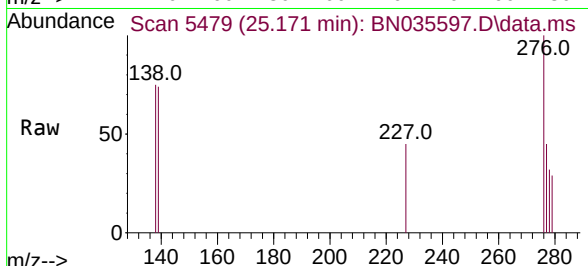
Tgt Ion:252 Resp: 28251
Ion Ratio Lower Upper
252 100
253 51.6 22.9 34.3#
125 163.6 9.4 14.2#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.531 ng/ul m
 RT: 25.171 min Scan# 5452
 Delta R.T. 0.091 min
 Lab File: BN035597.D
 Acq: 13 Dec 2024 15:06

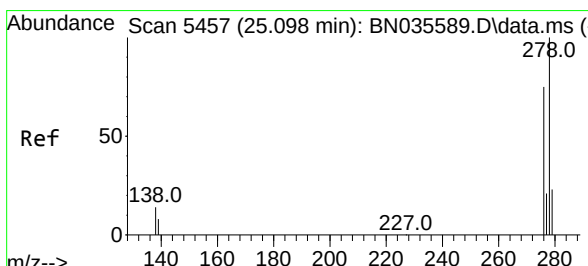
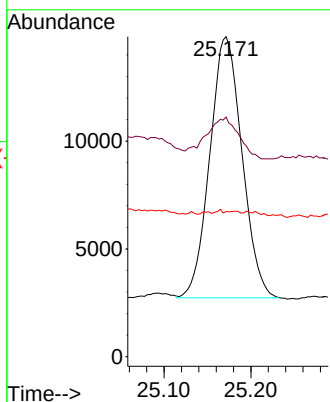
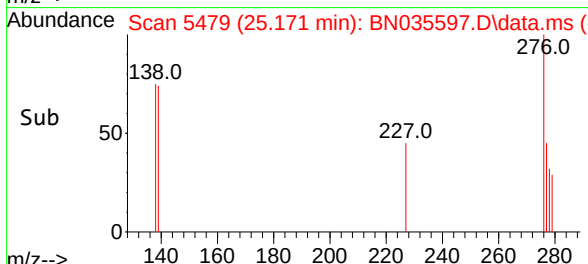
Instrument :
 BNA_N
 ClientSampleId :
 E28Q3



Tgt Ion:276 Resp: 3117
 Ion Ratio Lower Upper
 276 100
 138 357.7 13.8 20.8
 227 0.0 0.2 0.4

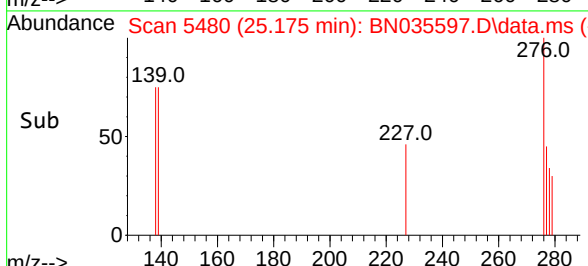
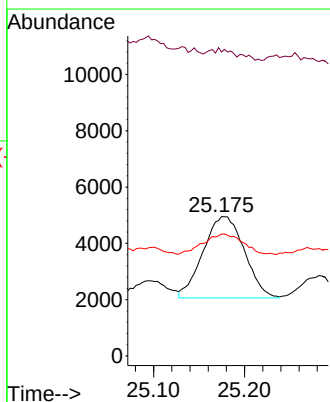
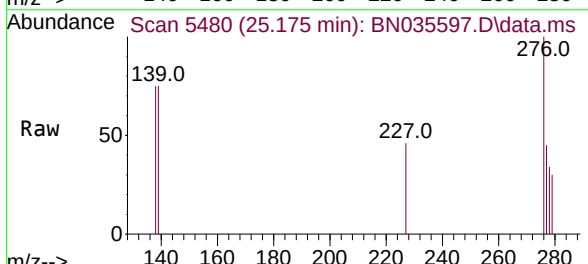
Manual Integrations
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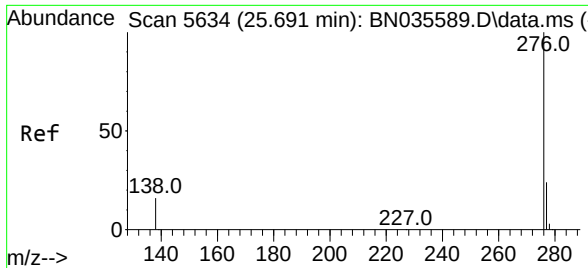
Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024



#28
 Dibenzo(a,h)anthracene
 Concen: 0.572 ng/ul m
 RT: 25.175 min Scan# 5480
 Delta R.T. 0.074 min
 Lab File: BN035597.D
 Acq: 13 Dec 2024 15:06

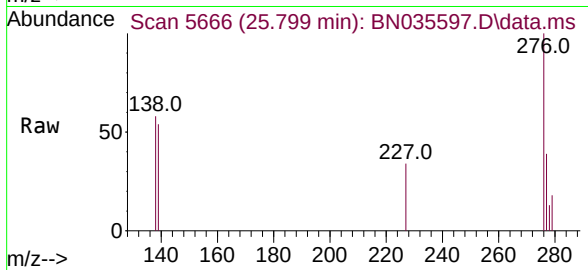
Tgt Ion:278 Resp: 9130
 Ion Ratio Lower Upper
 278 100
 139 218.0 10.7 16.1#
 279 87.5 22.8 34.2#





#29
 Benzo(g,h,i)perylene
 Concen: 2.767 ng/ul m
 RT: 25.799 min Scan# 50
 Delta R.T. 0.107 min
 Lab File: BN035597.D
 Acq: 13 Dec 2024 15:06

Instrument :
 BNA_N
 ClientSampleId :
 E28Q3



Tgt Ion:276 Resp: 4441
 Ion Ratio Lower Upper
 276 100
 138 58.1 13.0 19.6
 277 39.4 20.5 30.7

Manual Integrations
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 Supervised By :mohammad ahmed 12/14/2024

