

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035668.D
 Acq On : 18 Dec 2024 13:52
 Operator : RC/JU
 Sample : P5153-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28Q3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 18 14:24:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.280	152	2298	0.400	ng/ul	0.00
4) Naphthalene-d8	10.025	136	6695	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	4607	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	9557	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240	7824	0.400	ng/ul	# 0.00
23) Perylene-d12	23.054	264	8529	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	1109	0.544	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	1137	0.119	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	2743	0.120	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.075	128	3483m	0.212	ng/ul	
7) 2-Methylnaphthalene	11.708	142	5413	0.490	ng/ul	99
8) 1-Methylnaphthalene	11.934	142	1604	0.140	ng/ul	99
10) Acenaphthylene	13.657	152	620	0.035	ng/ul#	58
12) Fluorene	15.008	166	807	0.051	ng/ul#	83
15) Phenanthrene	16.755	178	12128	0.507	ng/ul	94
16) Anthracene	16.848	178	2611	0.117	ng/ul#	62
19) Fluoranthene	18.800	202	11458	0.409	ng/ul	100
20) Pyrene	19.167	202	10932	0.355	ng/ul	100
21) Benzo(a)anthracene	20.947	228	6495	0.250	ng/ul#	65
22) Chrysene	20.999	228	10894	0.405	ng/ul#	73
24) Benzo(b)fluoranthene	22.443	252	13335m	0.531	ng/ul	
25) Benzo(k)fluoranthene	22.481	252	4703m	0.169	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.084	276	5710	0.193	ng/ul#	1

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

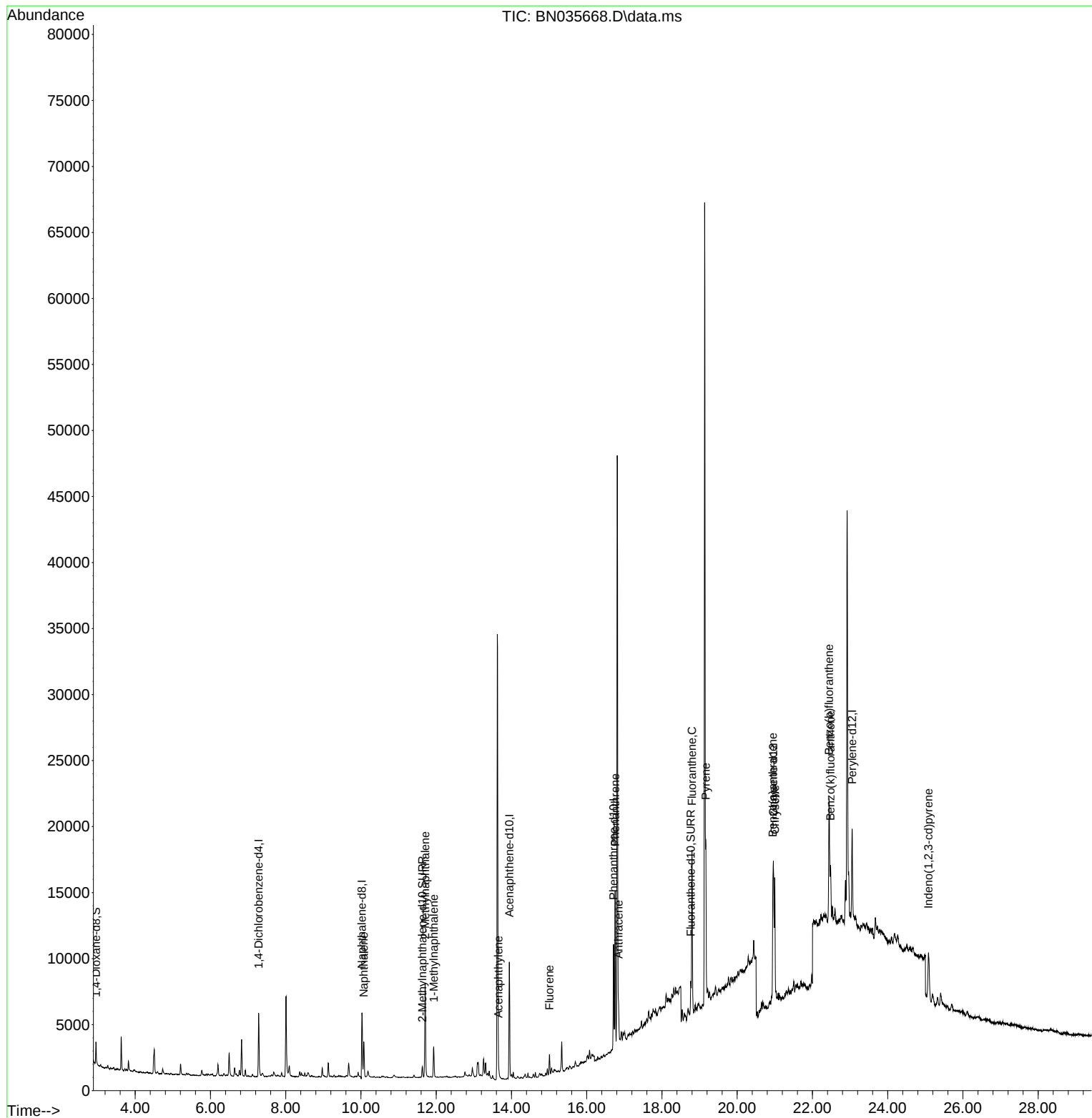
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035668.D
Acq On : 18 Dec 2024 13:52
Operator : RC/JU
Sample : P5153-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

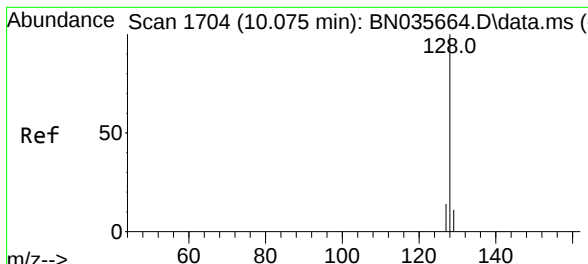
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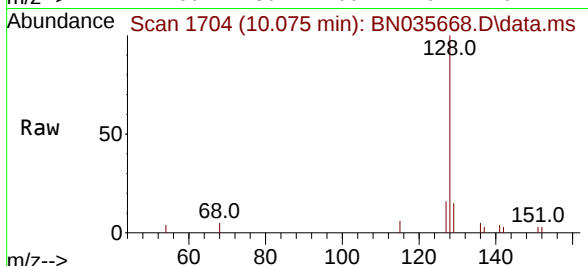
Quant Time: Dec 18 14:24:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
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#5
Naphthalene
Concen: 0.212 ng/ul m
RT: 10.075 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN035668.D
Acq: 18 Dec 2024 13:52

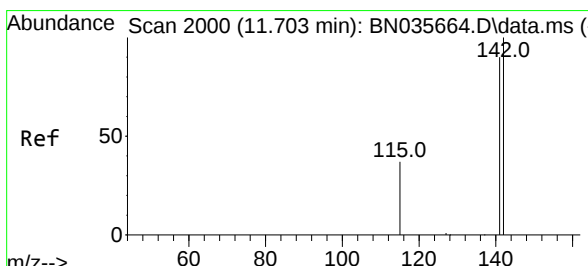
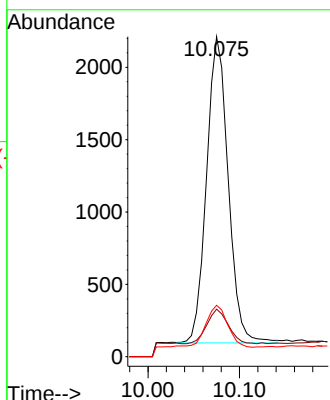
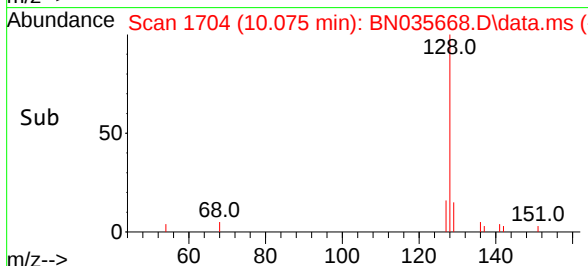
Instrument :
BNA_N
ClientSampleId :
E28Q3



Tgt Ion:128 Resp: 348
Ion Ratio Lower Upper
128 100
129 14.9 10.8 16.2
127 16.0 12.0 18.0

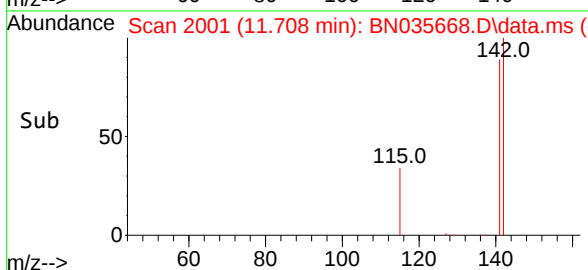
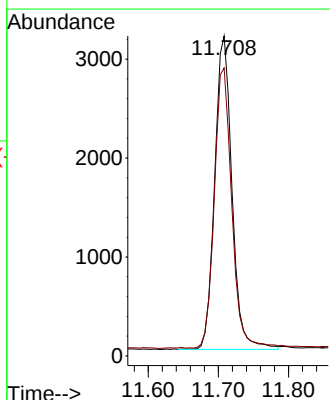
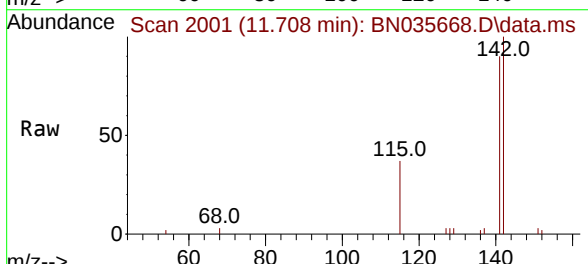
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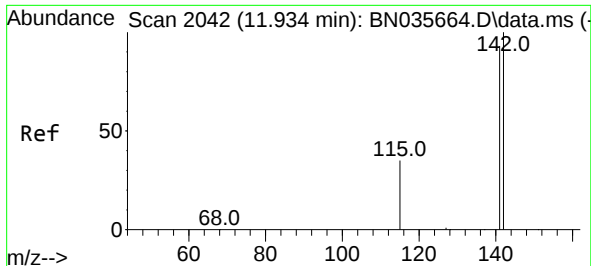
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.490 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035668.D
Acq: 18 Dec 2024 13:52

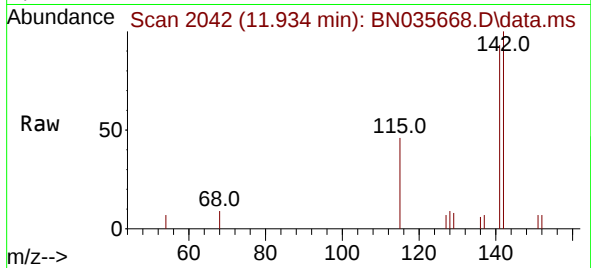
Tgt Ion:142 Resp: 5413
Ion Ratio Lower Upper
142 100
141 90.0 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.140 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035668.D
Acq: 18 Dec 2024 13:52

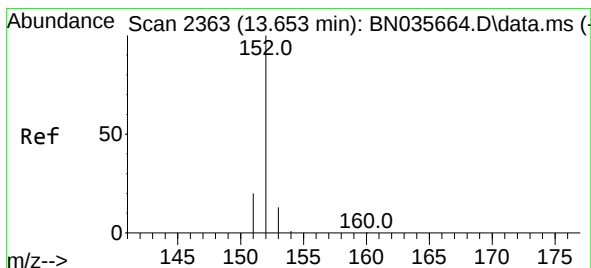
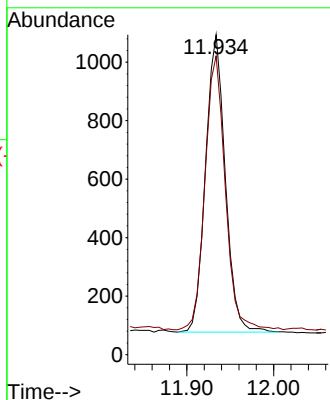
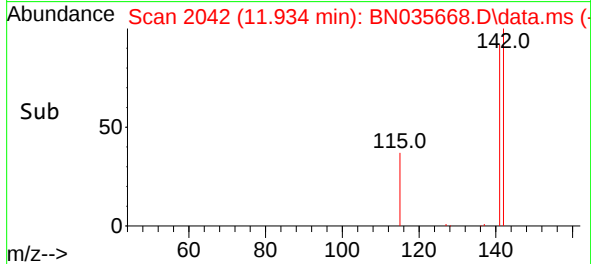
Instrument :
BNA_N
ClientSampleId :
E28Q3



Tgt Ion:142 Resp: 1604
Ion Ratio Lower Upper
142 100
141 94.4 74.7 112.1

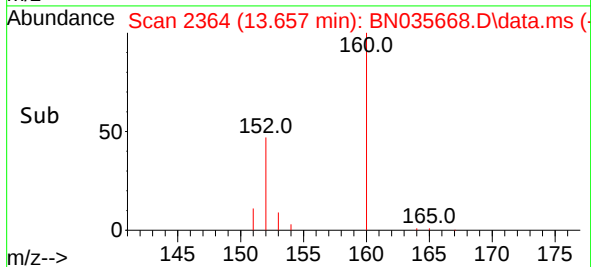
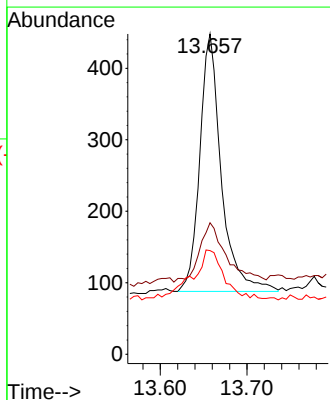
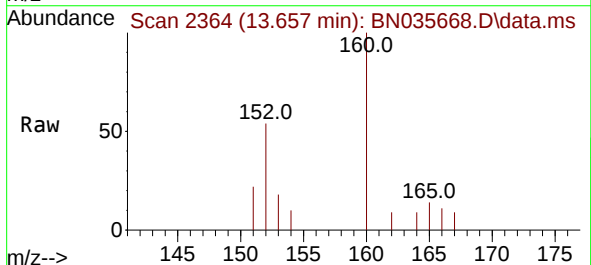
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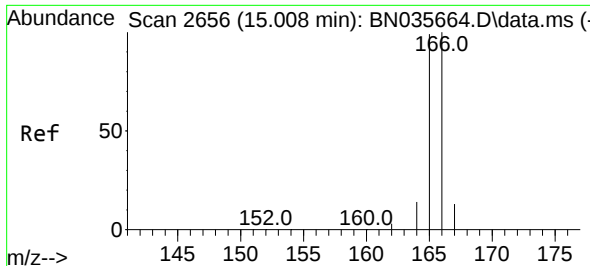
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#10
Acenaphthylene
Concen: 0.035 ng/ul
RT: 13.657 min Scan# 2364
Delta R.T. -0.005 min
Lab File: BN035668.D
Acq: 18 Dec 2024 13:52

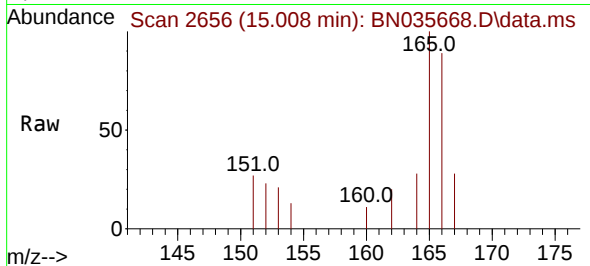
Tgt Ion:152 Resp: 620
Ion Ratio Lower Upper
152 100
151 41.1 17.6 26.4#
153 32.4 11.4 17.2#





#12
Fluorene
Concen: 0.051 ng/u1
RT: 15.008 min Scan# 2656
Delta R.T. -0.005 min
Lab File: BN035668.D
Acq: 18 Dec 2024 13:52

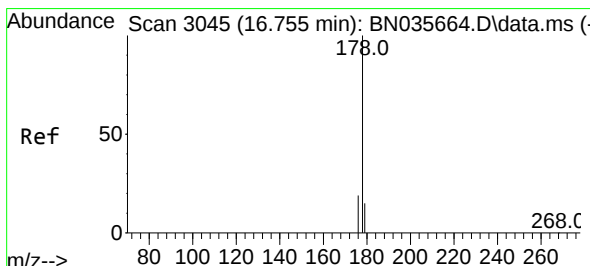
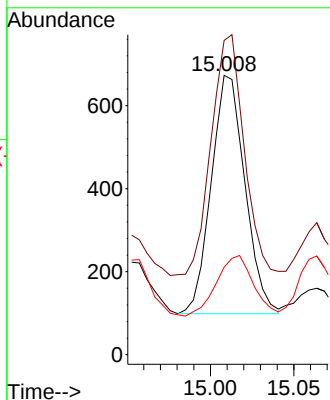
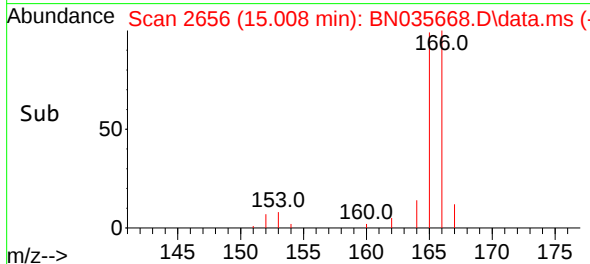
Instrument :
BNA_N
ClientSampleId :
E28Q3



Tgt Ion:166 Resp: 807
Ion Ratio Lower Upper
166 100
165 112.5 79.5 119.3
167 31.4 11.8 17.8

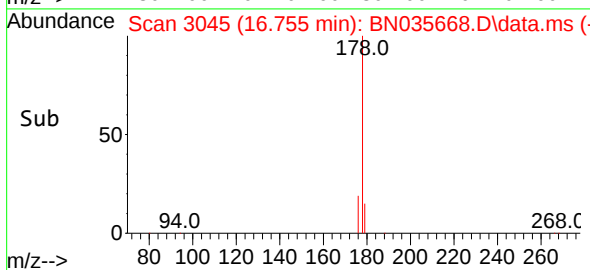
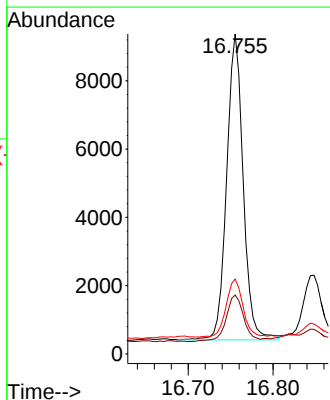
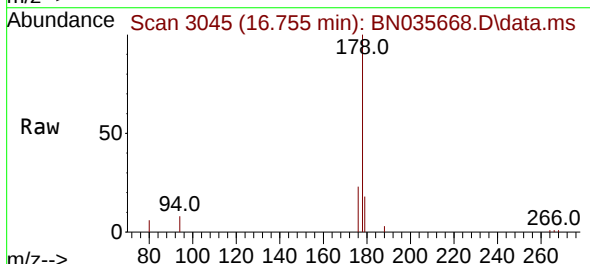
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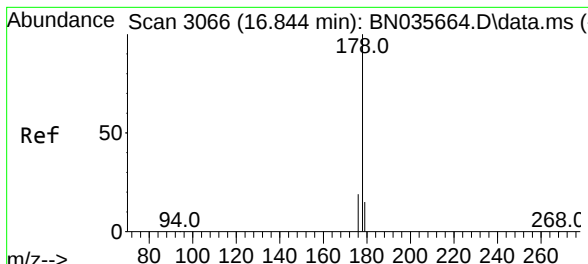
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#15
Phenanthrene
Concen: 0.507 ng/u1
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035668.D
Acq: 18 Dec 2024 13:52

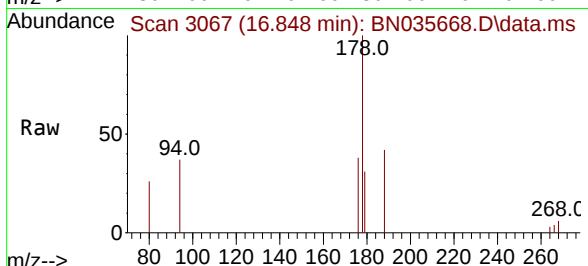
Tgt Ion:178 Resp: 12128
Ion Ratio Lower Upper
178 100
179 18.4 13.3 19.9
176 23.4 15.8 23.8





#16
 Anthracene
 Concen: 0.117 ng/ul
 RT: 16.848 min Scan# 3066
 Delta R.T. 0.000 min
 Lab File: BN035668.D
 Acq: 18 Dec 2024 13:52

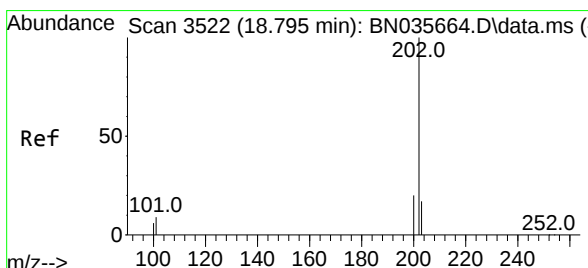
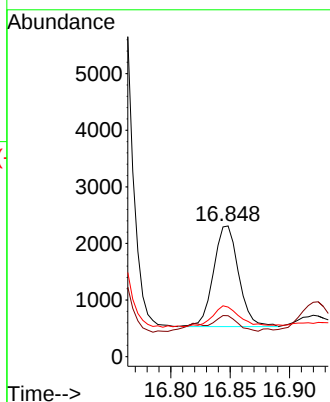
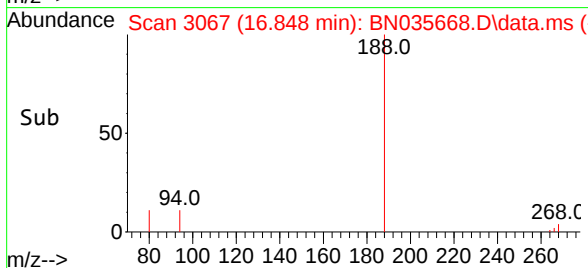
Instrument :
 BNA_N
 ClientSampleId :
 E28Q3



Tgt Ion	Ratio	Lower	Upper
178	100		
179	31.3	13.4	20.0
176	38.0	15.4	23.0

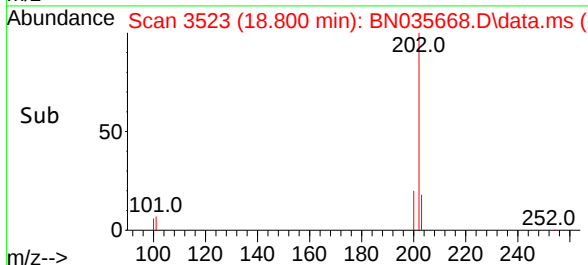
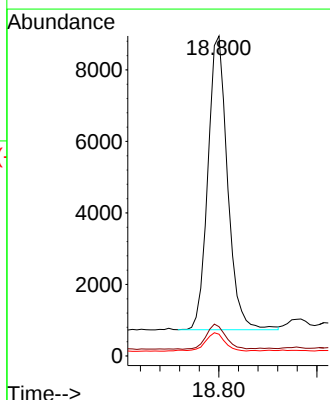
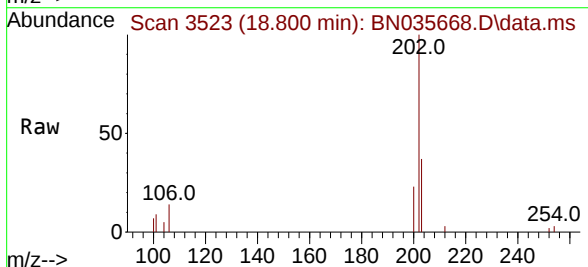
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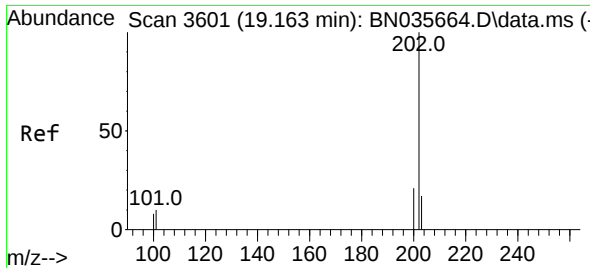
Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024



#19
 Fluoranthene
 Concen: 0.409 ng/ul
 RT: 18.800 min Scan# 3523
 Delta R.T. 0.000 min
 Lab File: BN035668.D
 Acq: 18 Dec 2024 13:52

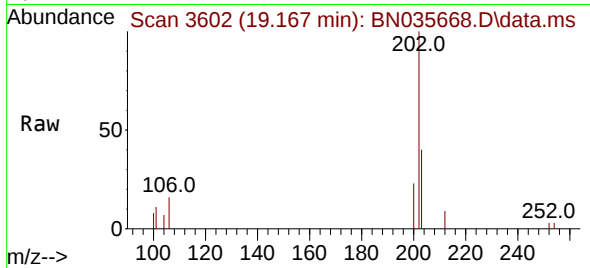
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.3	10.9
100	6.8	5.4	8.0





#20
Pyrene
Concen: 0.355 ng/ul
RT: 19.167 min Scan# 301
Delta R.T. 0.000 min
Lab File: BN035668.D
Acq: 18 Dec 2024 13:52

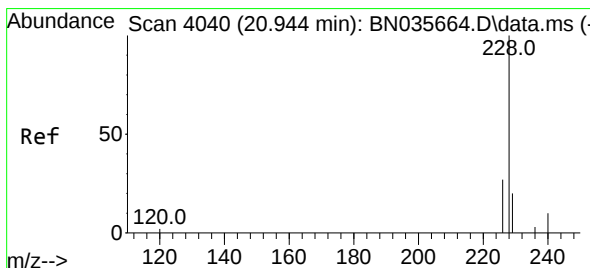
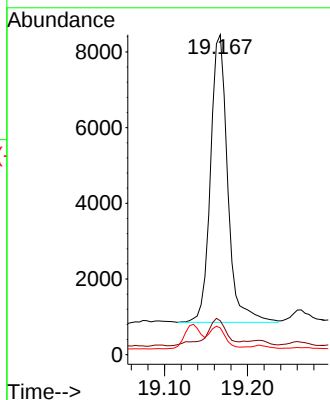
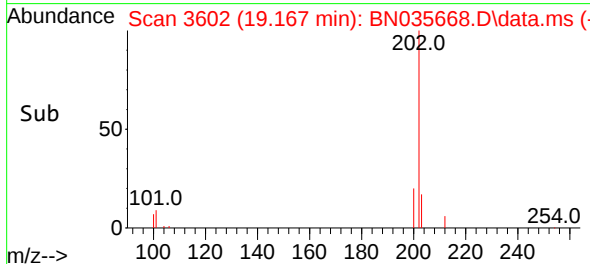
Instrument :
BNA_N
ClientSampleId :
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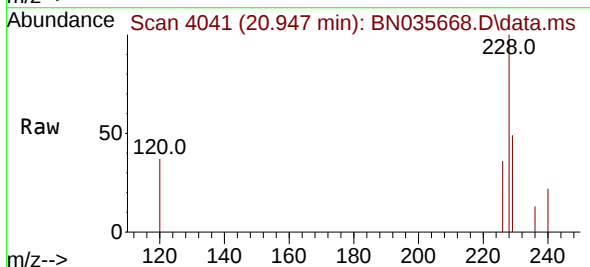
Tgt Ion:202 Resp: 1093
Ion Ratio Lower Upper
202 100
101 10.6 8.5 12.7
100 8.3 6.5 9.7

Manual Integrations
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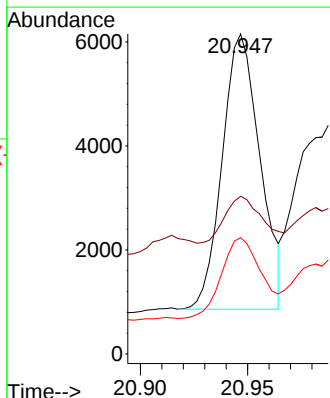
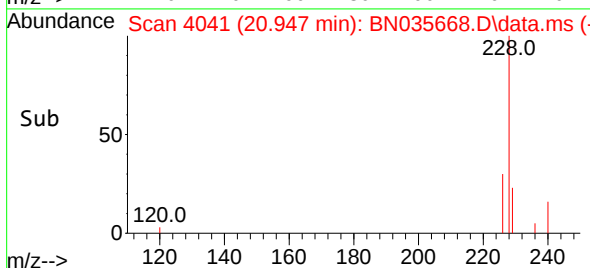
Reviewed By :Yogesh Patel 12/21/2024
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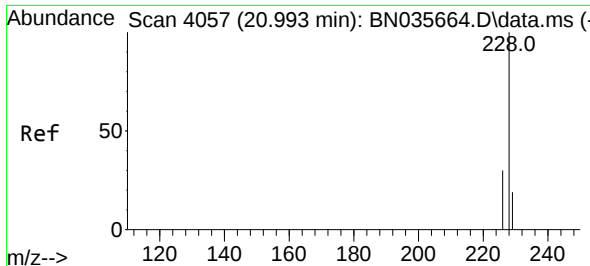


#21
Benzo(a)anthracene
Concen: 0.250 ng/ul
RT: 20.947 min Scan# 4041
Delta R.T. -0.003 min
Lab File: BN035668.D
Acq: 18 Dec 2024 13:52



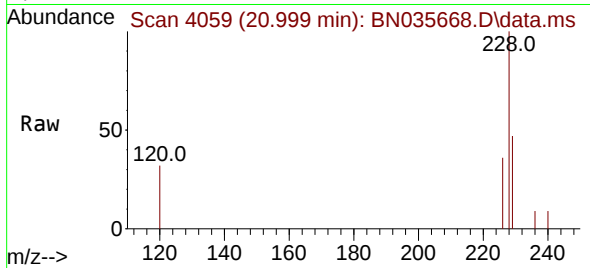
Tgt Ion:228 Resp: 6495
Ion Ratio Lower Upper
228 100
229 49.3 16.6 25.0#
226 36.3 22.5 33.7#





#22
Chrysene
Concen: 0.405 ng/ul
RT: 20.999 min Scan# 4057
Delta R.T. 0.000 min
Lab File: BN035668.D
Acq: 18 Dec 2024 13:52

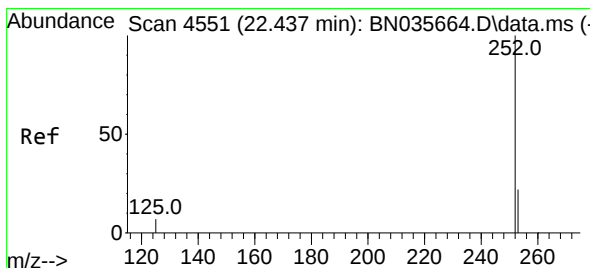
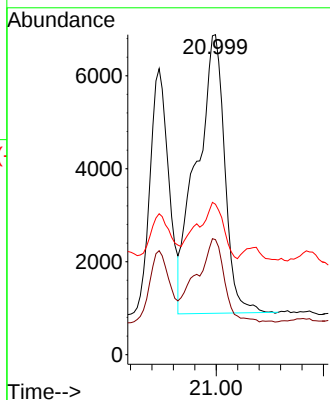
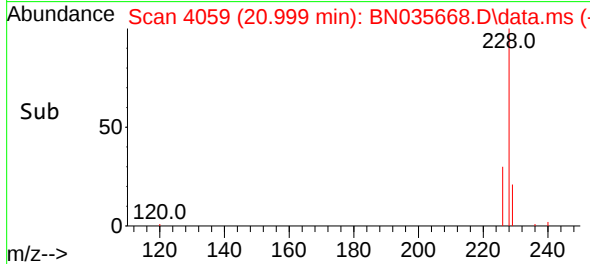
Instrument :
BNA_N
ClientSampleId :
E28Q3



Tgt Ion:228 Resp: 10894
Ion Ratio Lower Upper
228 100
226 36.0 25.1 37.7
229 47.0 16.6 24.8

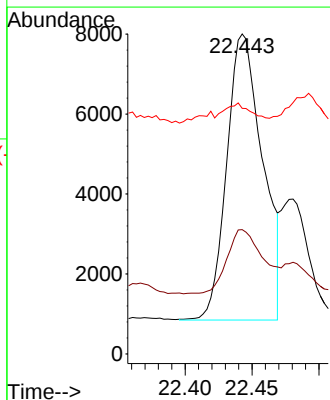
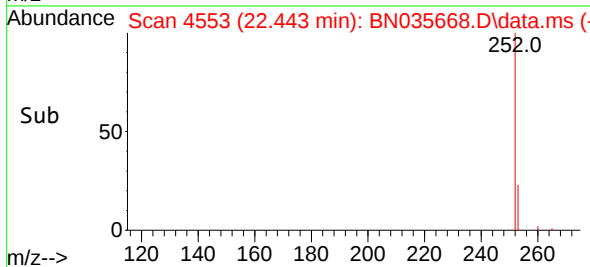
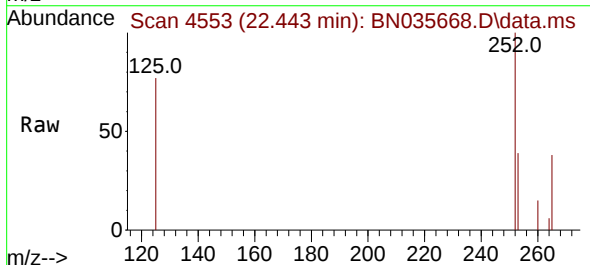
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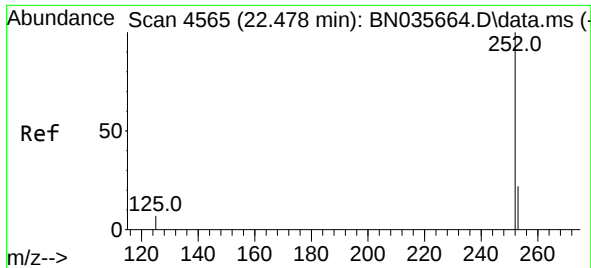
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#24
Benzo(b)fluoranthene
Concen: 0.531 ng/ul m
RT: 22.443 min Scan# 4553
Delta R.T. 0.000 min
Lab File: BN035668.D
Acq: 18 Dec 2024 13:52

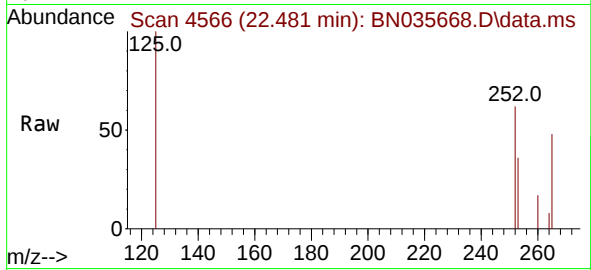
Tgt Ion:252 Resp: 13335
Ion Ratio Lower Upper
252 100
253 38.9 0.0 56.4
125 76.7 0.0 37.6





#25
Benzo(k)fluoranthene
Concen: 0.169 ng/ul m
RT: 22.481 min Scan# 4565
Delta R.T. 0.000 min
Lab File: BN035668.D
Acq: 18 Dec 2024 13:52

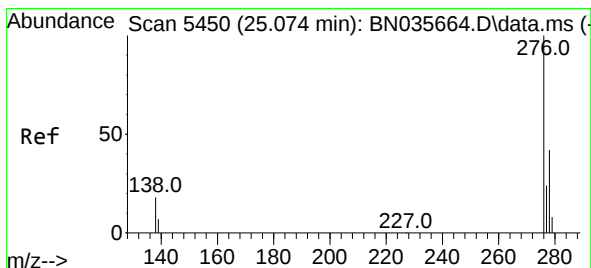
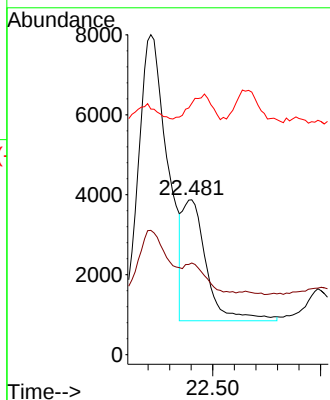
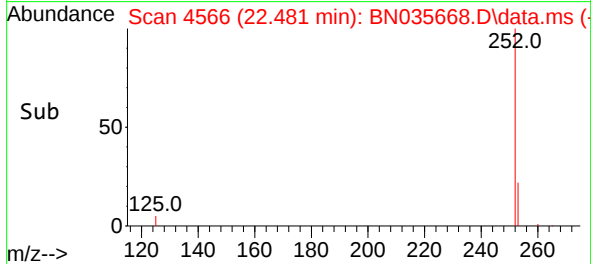
Instrument :
BNA_N
ClientSampleId :
E28Q3



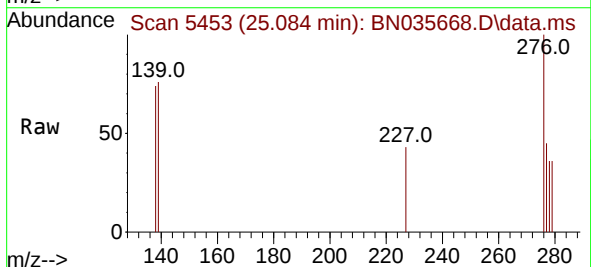
Tgt Ion:252 Resp: 4700
Ion Ratio Lower Upper
252 100
253 59.2 22.1 33.1#
125 162.3 15.3 22.9#

Manual Integrations
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Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.193 ng/ul
RT: 25.084 min Scan# 5453
Delta R.T. 0.003 min
Lab File: BN035668.D
Acq: 18 Dec 2024 13:52



Tgt Ion:276 Resp: 5710
Ion Ratio Lower Upper
276 100
138 454.9 14.7 22.1#
227 0.0 21.6 32.4#

