

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035553.D
 Acq On : 11 Dec 2024 04:42
 Operator : RC/JU
 Sample : P5066-22MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28N8MSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 05:42:40 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	7.293	152	3626	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136	10477	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.949	164	6895	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	12206	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.964	240	7363	0.400	ng/ul	# 0.00
23) Perylene-d12	23.054	264	7992	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	1442	0.435	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	4753	0.310	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	9204m	0.453	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.993	88	4182	1.162	ng/ul#	89
5) Naphthalene	10.086	128	8329	0.316	ng/ul	99
7) 2-Methylnaphthalene	11.714	142	7143	0.390	ng/ul	97
8) 1-Methylnaphthalene	11.939	142	6924	0.375	ng/ul	96
10) Acenaphthylene	13.662	152	8356	0.306	ng/ul	93
11) Acenaphthene	14.014	153	6640	0.317	ng/ul	99
12) Fluorene	15.013	166	9132	0.372	ng/ul#	90
14) Pentachlorophenol	16.380	266	63	0.022	ng/ul#	4
15) Phenanthrene	16.760	178	30291	0.939	ng/ul#	85
16) Anthracene	16.848	178	10114	0.338	ng/ul#	72
19) Fluoranthene	18.800	202	16882	0.659	ng/ul#	89
20) Pyrene	19.167	202	17064	0.640	ng/ul#	90
21) Benzo(a)anthracene	20.947	228	9642	0.377	ng/ul#	54
22) Chrysene	20.999	228	15035	0.585	ng/ul#	62
24) Benzo(b)fluoranthene	22.443	252	10769	0.408	ng/ul#	1
25) Benzo(k)fluoranthene	22.484	252	10493	0.385	ng/ul#	1
26) Benzo(a)pyrene	22.963	252	9611	0.398	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.088	276	11177m	0.343	ng/ul	
28) Dibenzo(a,h)anthracene	25.104	278	7851m	0.307	ng/ul	
29) Benzo(g,h,i)perylene	25.701	276	9634	0.375	ng/ul#	63

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

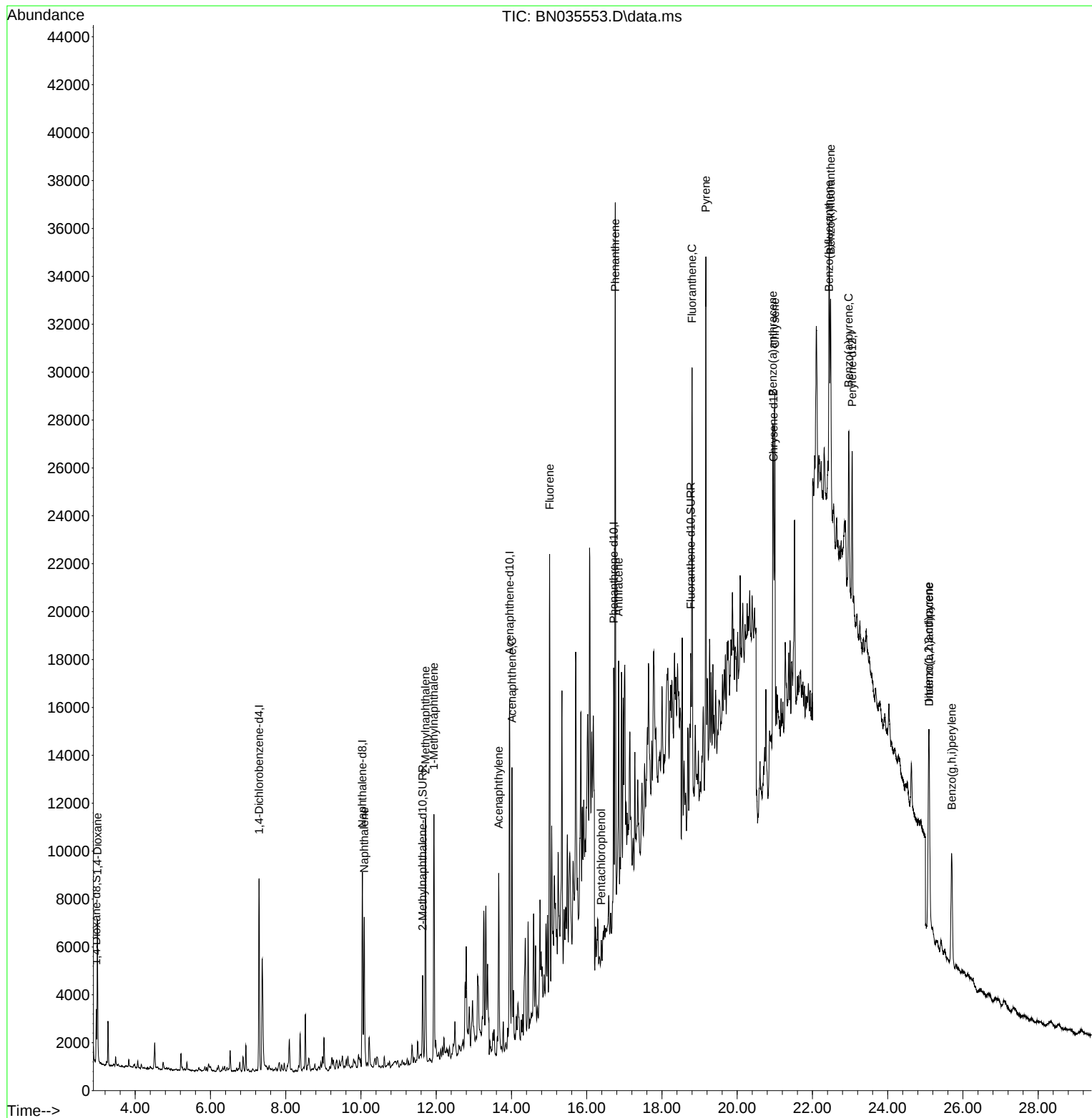
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035553.D
Acq On : 11 Dec 2024 04:42
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ALS Vial : 24 Sample Multiplier: 1

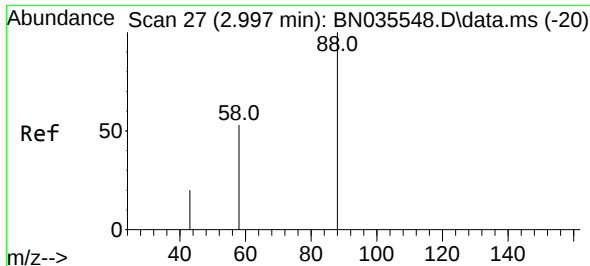
Instrument :
BNA_N
ClientSampleId :
E28N8MSD

Quant Time: Dec 11 05:42:40 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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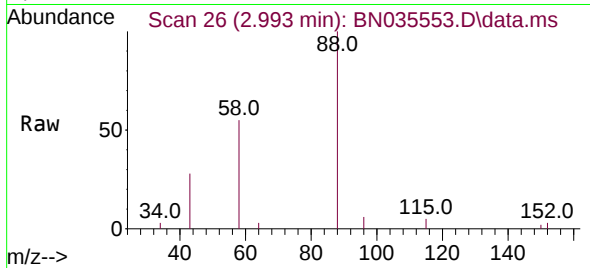
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024





#2
1,4-Dioxane
Concen: 1.162 ng/ul
RT: 2.993 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN035553.D
Acq: 11 Dec 2024 04:42

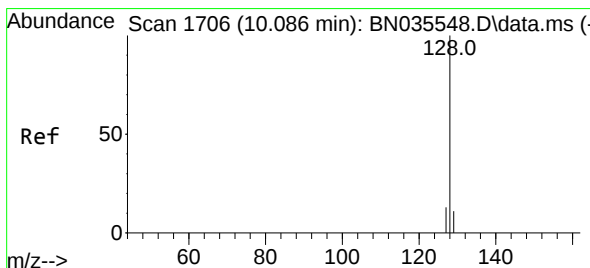
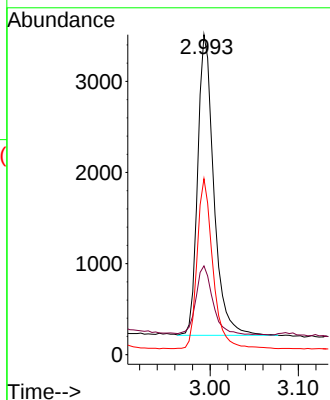
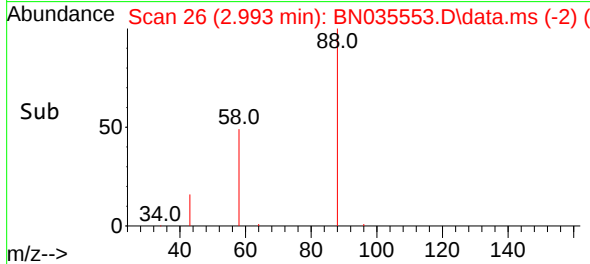
Instrument :
BNA_N
ClientSampleId :
E28N8MSD



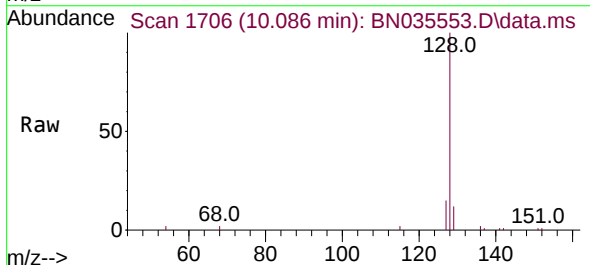
Tgt Ion: 88 Resp: 418
Ion Ratio Lower Upper
88 100
43 27.8 20.6 31.0
58 55.0 36.2 54.4

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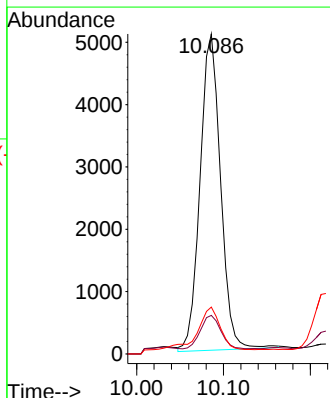
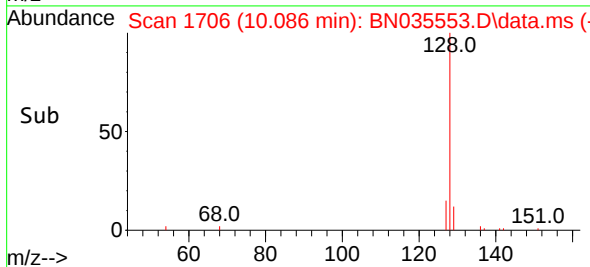
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

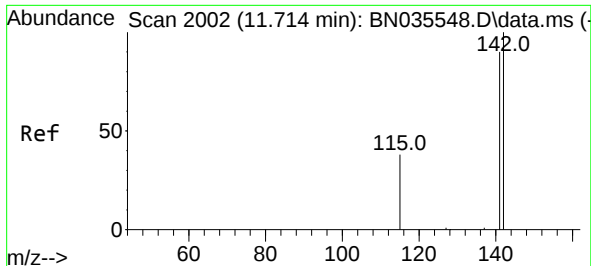


#5
Naphthalene
Concen: 0.316 ng/ul
RT: 10.086 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BN035553.D
Acq: 11 Dec 2024 04:42



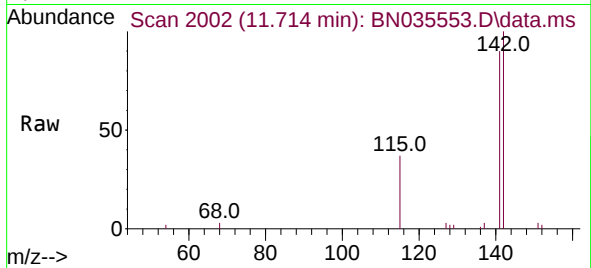
Tgt Ion:128 Resp: 8329
Ion Ratio Lower Upper
128 100
129 12.1 9.9 14.9
127 14.6 11.4 17.2





#7
2-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN035553.D
Acq: 11 Dec 2024 04:42

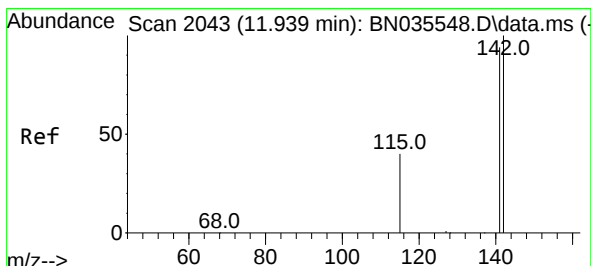
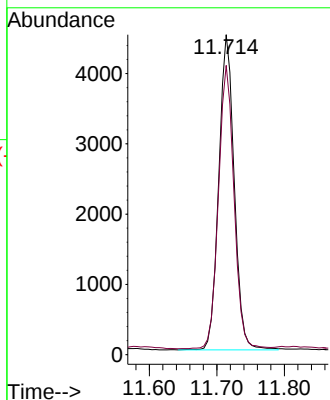
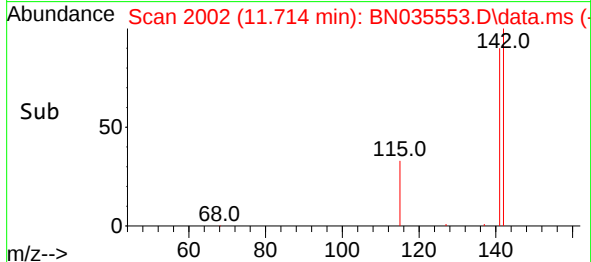
Instrument :
BNA_N
ClientSampleId :
E28N8MSD



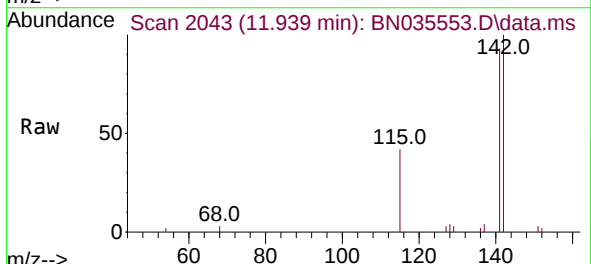
Tgt Ion:142 Resp: 714
Ion Ratio Lower Upper
142 100
141 90.6 70.4 105.6

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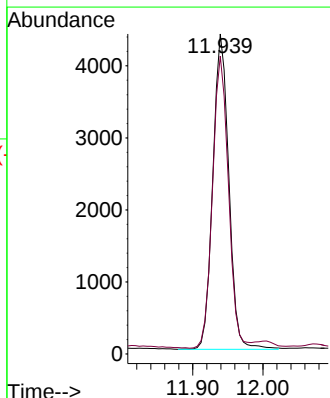
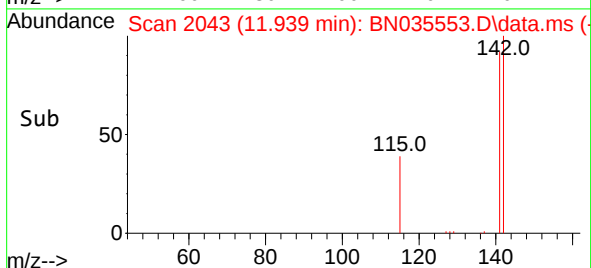
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

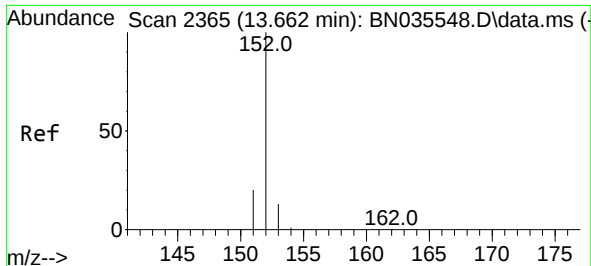


#8
1-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BN035553.D
Acq: 11 Dec 2024 04:42



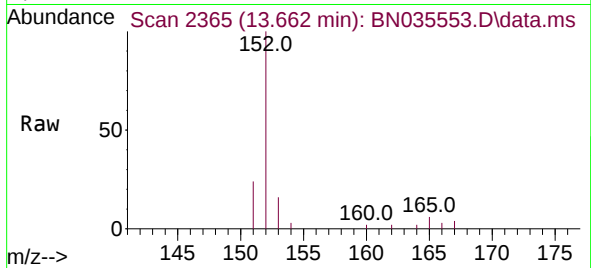
Tgt Ion:142 Resp: 6924
Ion Ratio Lower Upper
142 100
141 94.8 73.1 109.7





#10
Acenaphthylene
Concen: 0.306 ng/u1
RT: 13.662 min Scan# 2365
Delta R.T. 0.000 min
Lab File: BN035553.D
Acq: 11 Dec 2024 04:42

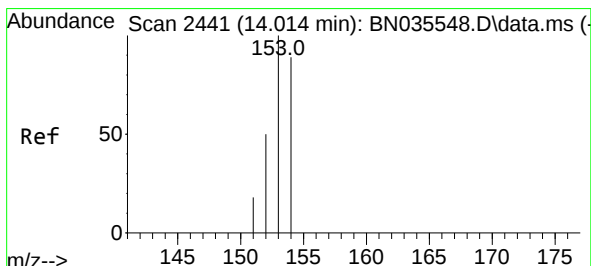
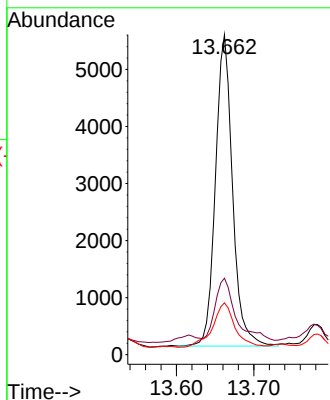
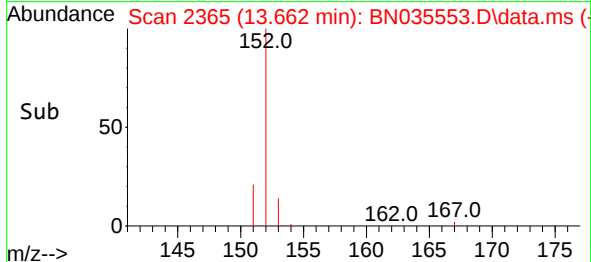
Instrument :
BNA_N
ClientSampleId :
E28N8MSD



Tgt Ion:152 Resp: 8350
Ion Ratio Lower Upper
152 100
151 23.9 16.4 24.6
153 16.2 11.1 16.7

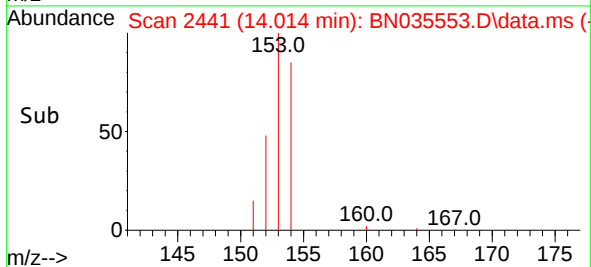
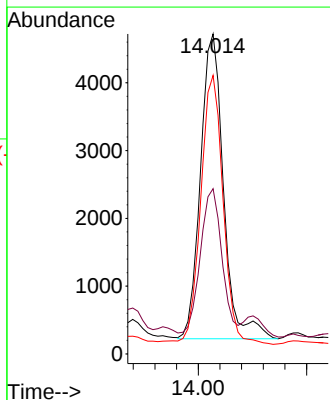
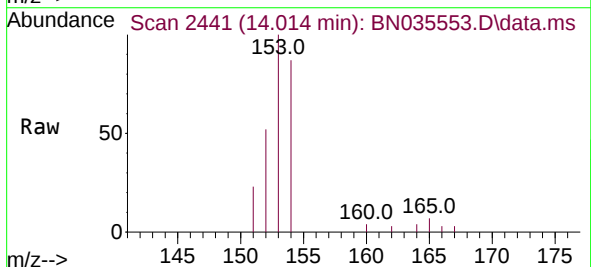
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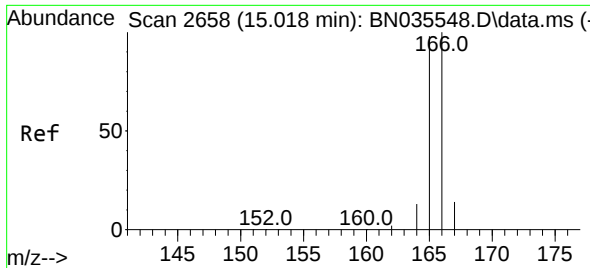
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#11
Acenaphthene
Concen: 0.317 ng/u1
RT: 14.014 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN035553.D
Acq: 11 Dec 2024 04:42

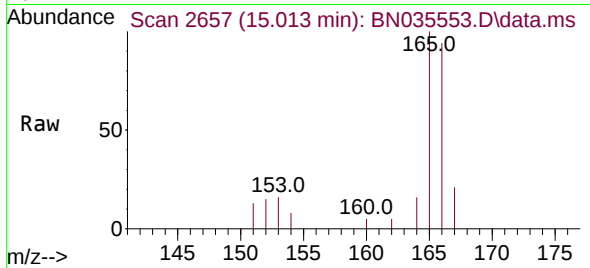
Tgt Ion:153 Resp: 6640
Ion Ratio Lower Upper
153 100
152 51.7 41.4 62.0
154 87.0 71.2 106.8





#12
Fluorene
Concen: 0.372 ng/ul
RT: 15.013 min Scan# 20657
Delta R.T. -0.005 min
Lab File: BN035553.D
Acq: 11 Dec 2024 04:42

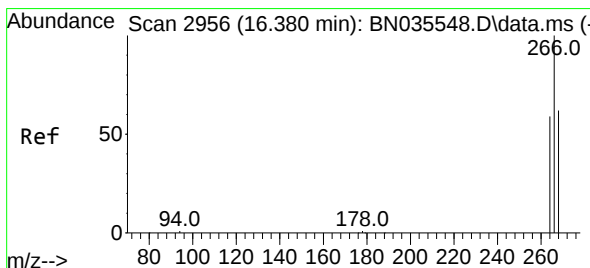
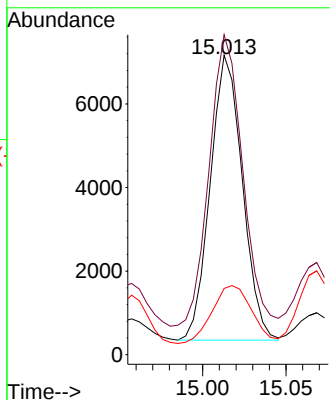
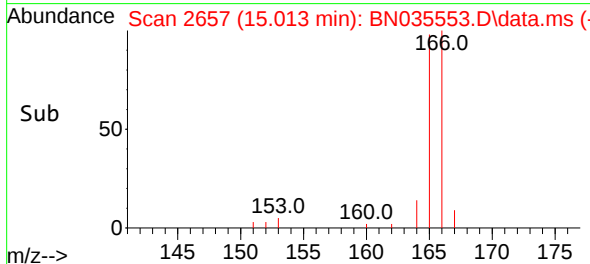
Instrument :
BNA_N
ClientSampleId :
E28N8MSD



Tgt Ion:166 Resp: 913
Ion Ratio Lower Upper
166 100
165 106.8 78.6 118.0
167 22.1 11.8 17.6

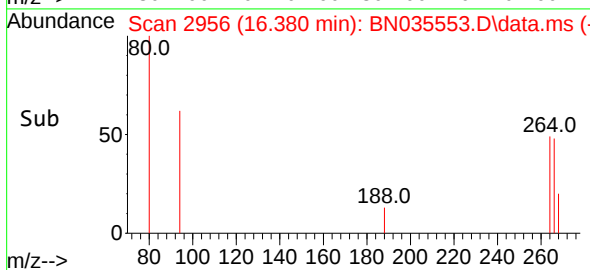
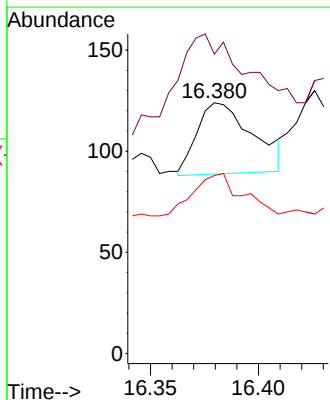
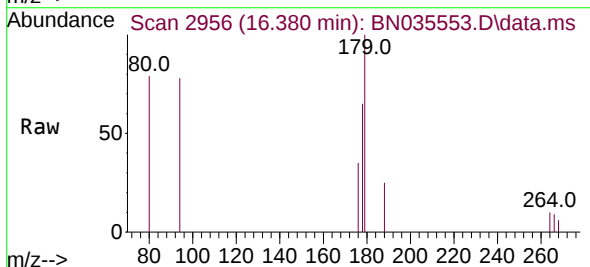
Manual Integrations
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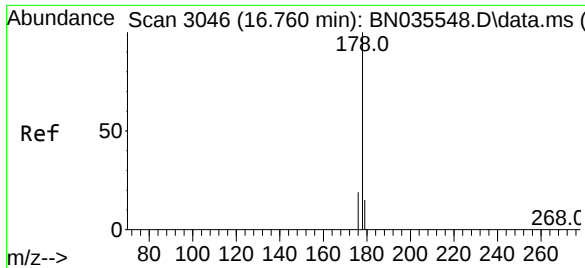
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#14
Pentachlorophenol
Concen: 0.022 ng/ul
RT: 16.380 min Scan# 2956
Delta R.T. 0.000 min
Lab File: BN035553.D
Acq: 11 Dec 2024 04:42

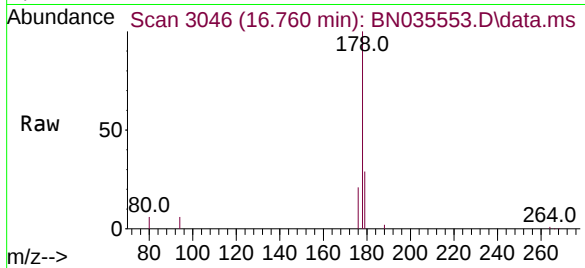
Tgt Ion:266 Resp: 63
Ion Ratio Lower Upper
266 100
264 206.3 51.8 77.6#
268 73.0 51.3 76.9





#15
 Phenanthrene
 Concen: 0.939 ng/ul
 RT: 16.760 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: BN035553.D
 Acq: 11 Dec 2024 04:42

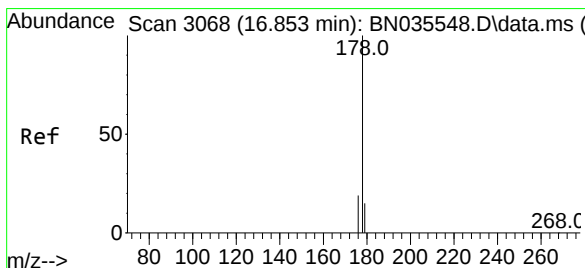
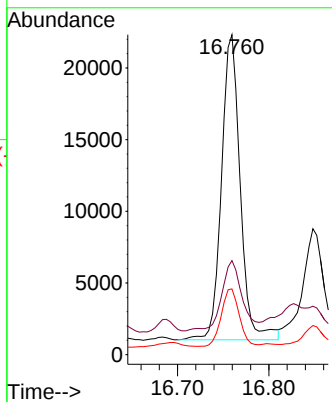
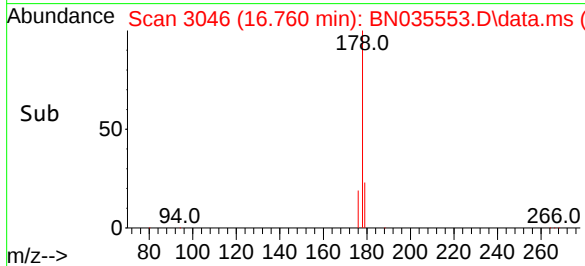
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 E28N8MSD



Tgt Ion	Ratio	Lower	Upper
178	100		
179	29.4	12.9	19.3
176	20.6	15.6	23.4

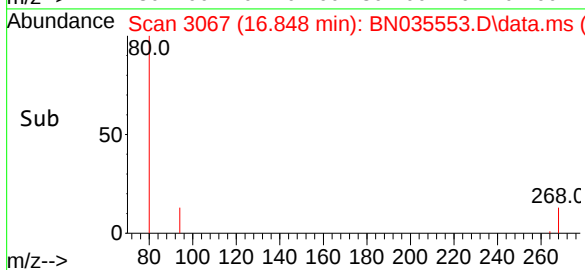
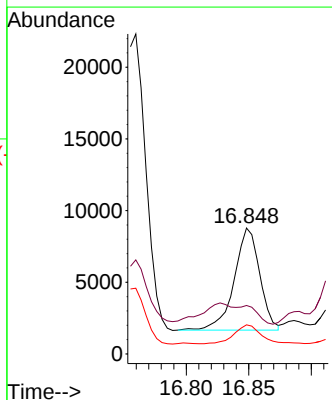
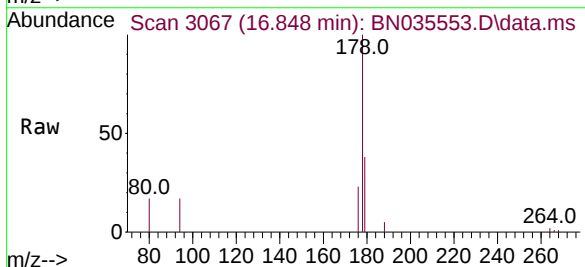
Manual Integrations
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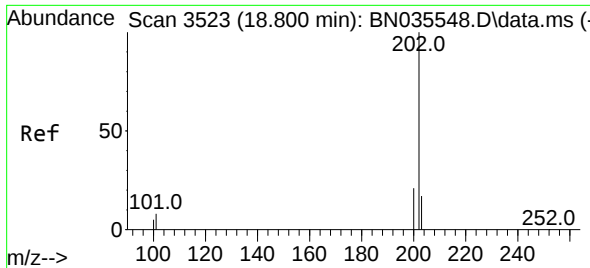
Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/12/2024



#16
 Anthracene
 Concen: 0.338 ng/ul
 RT: 16.848 min Scan# 3067
 Delta R.T. 0.000 min
 Lab File: BN035553.D
 Acq: 11 Dec 2024 04:42

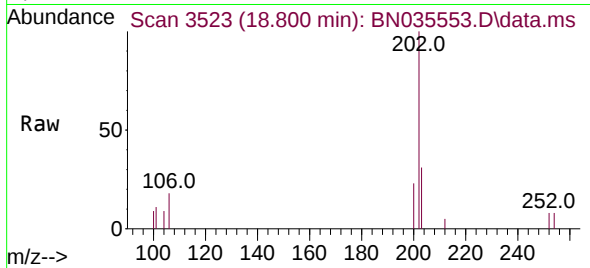
Tgt Ion	Ratio	Lower	Upper
178	100		
179	38.4	12.9	19.3
176	23.1	15.4	23.2





#19
Fluoranthene
Concen: 0.659 ng/u1
RT: 18.800 min Scan# 3523
Delta R.T. 0.000 min
Lab File: BN035553.D
Acq: 11 Dec 2024 04:42

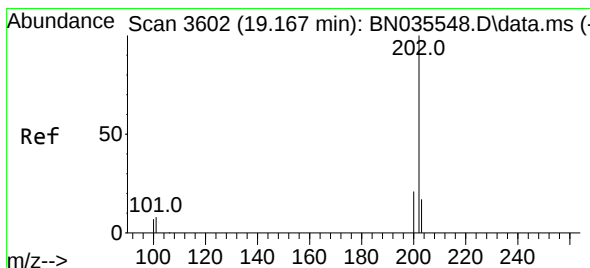
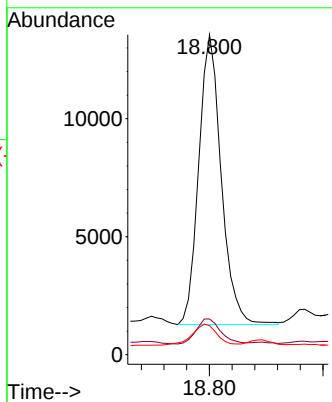
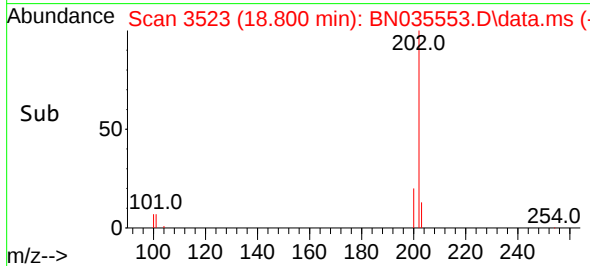
Instrument :
BNA_N
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E28N8MSD



Tgt Ion:202 Resp: 1688
Ion Ratio Lower Upper
202 100
101 11.1 5.8 8.6
100 9.1 4.5 6.7

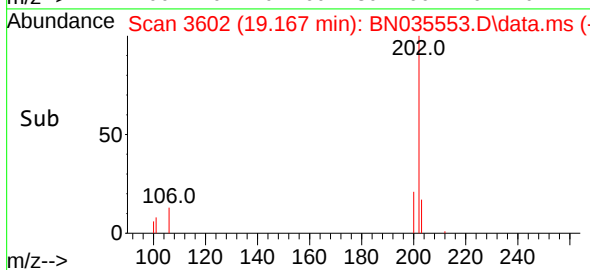
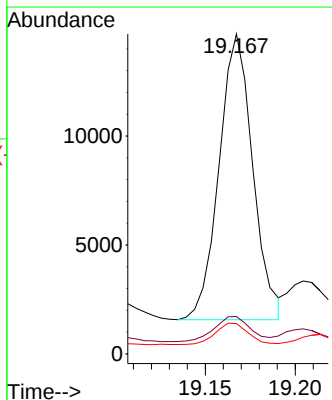
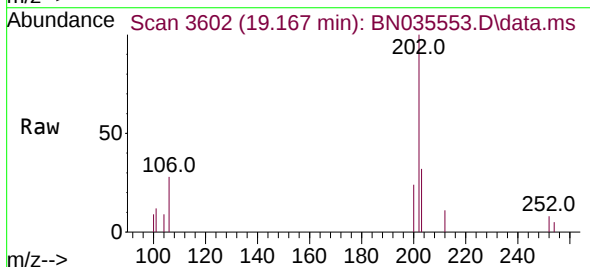
Manual Integrations
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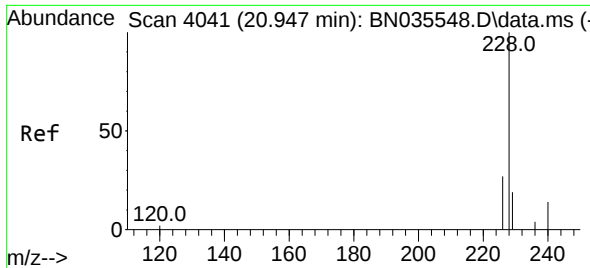
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#20
Pyrene
Concen: 0.640 ng/u1
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035553.D
Acq: 11 Dec 2024 04:42

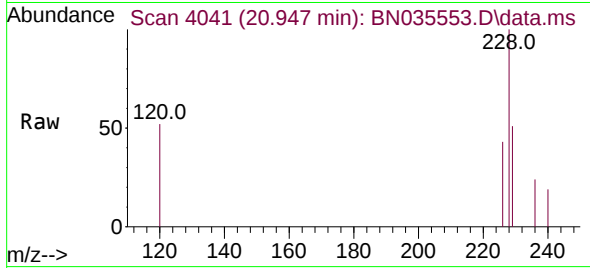
Tgt Ion:202 Resp: 17064
Ion Ratio Lower Upper
202 100
101 11.7 6.2 9.4#
100 9.5 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.377 ng/u1
RT: 20.947 min Scan# 4041
Delta R.T. 0.000 min
Lab File: BN035553.D
Acq: 11 Dec 2024 04:42

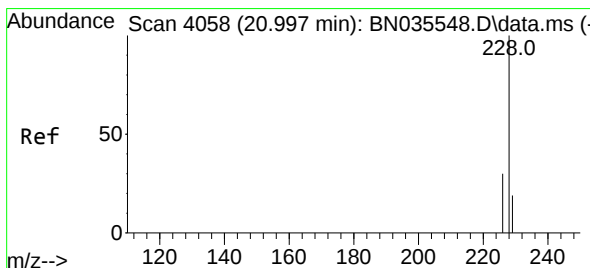
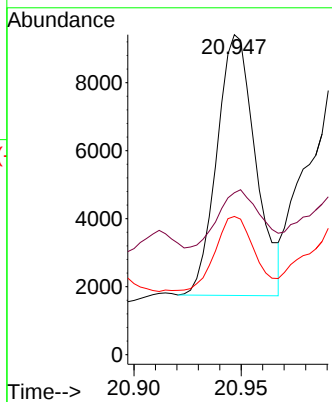
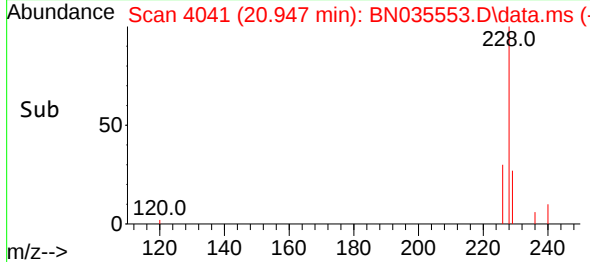
Instrument :
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ClientSampleId :
E28N8MSD



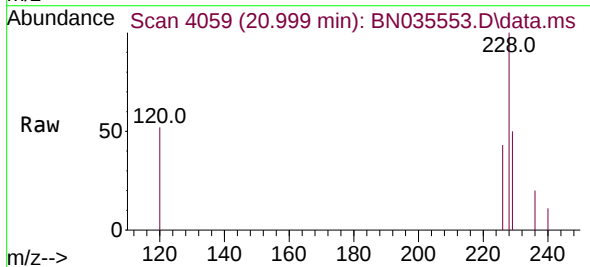
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Ion Ratio Lower Upper
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229 50.6 15.8 23.8
226 43.2 21.8 32.8

Manual Integrations
APPROVED

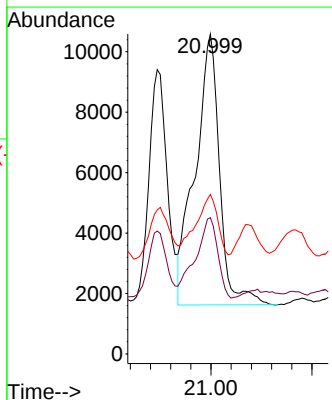
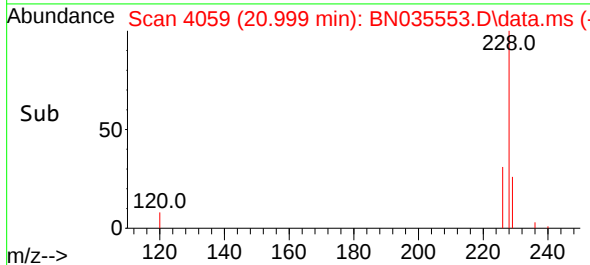
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

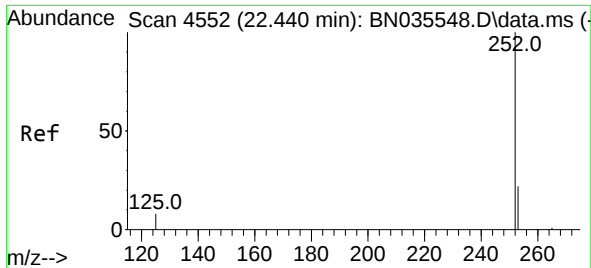


#22
Chrysene
Concen: 0.585 ng/u1
RT: 20.999 min Scan# 4059
Delta R.T. 0.003 min
Lab File: BN035553.D
Acq: 11 Dec 2024 04:42



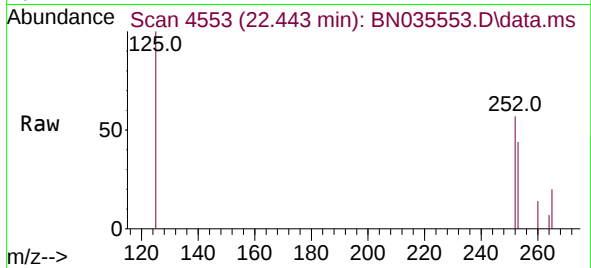
Tgt Ion:228 Resp: 15035
Ion Ratio Lower Upper
228 100
226 42.6 24.7 37.1#
229 49.9 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 0.408 ng/ul
RT: 22.443 min Scan# 4553
Delta R.T. 0.003 min
Lab File: BN035553.D
Acq: 11 Dec 2024 04:42

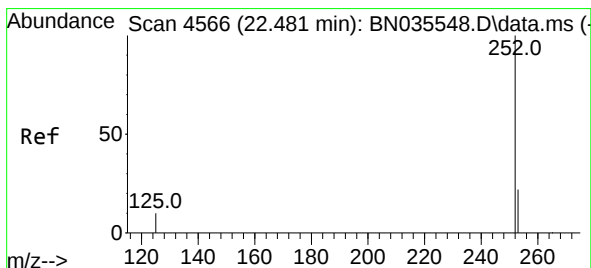
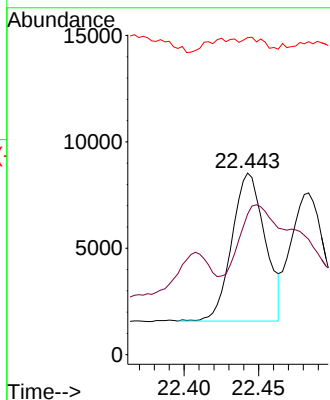
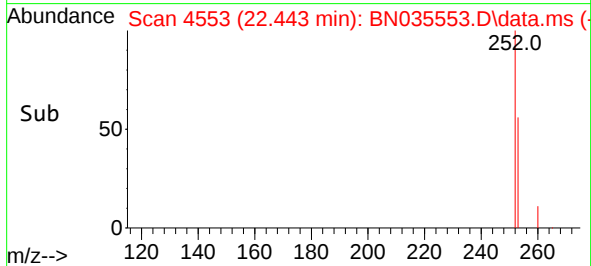
Instrument :
BNA_N
ClientSampleId :
E28N8MSD



Tgt Ion:252 Resp: 10769
Ion Ratio Lower Upper
252 100
253 77.5 0.0 54.0#
125 174.7 0.0 19.4#

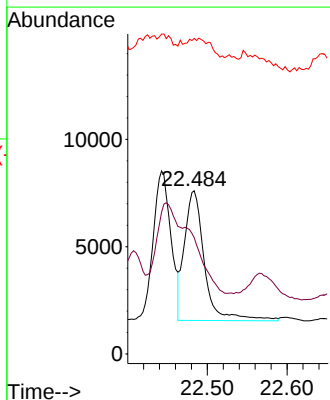
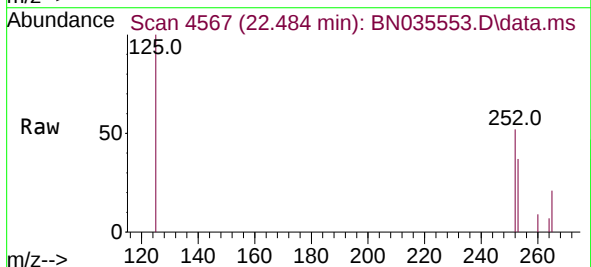
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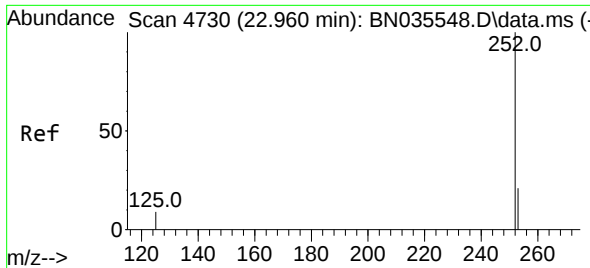
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#25
Benzo(k)fluoranthene
Concen: 0.385 ng/ul
RT: 22.484 min Scan# 4567
Delta R.T. 0.003 min
Lab File: BN035553.D
Acq: 11 Dec 2024 04:42

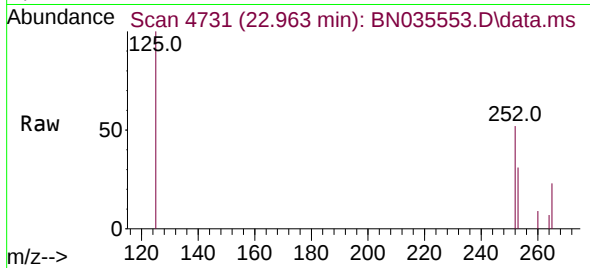
Tgt Ion:252 Resp: 10493
Ion Ratio Lower Upper
252 100
253 71.3 21.8 32.6#
125 193.4 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 0.398 ng/ul
RT: 22.963 min Scan# 4731
Delta R.T. 0.003 min
Lab File: BN035553.D
Acq: 11 Dec 2024 04:42

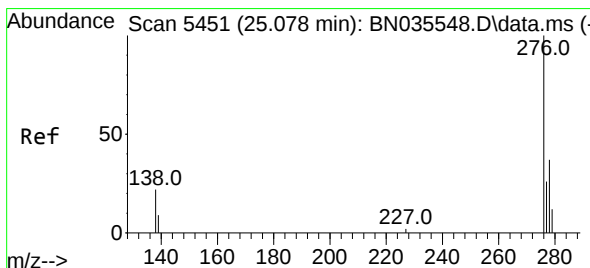
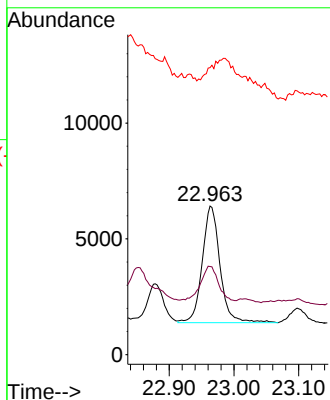
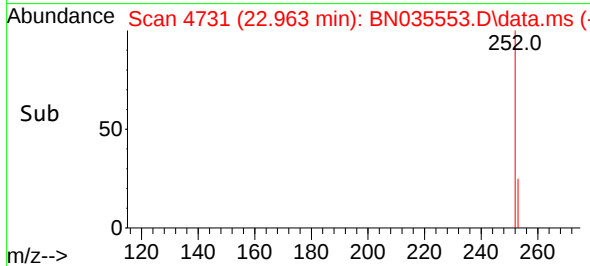
Instrument :
BNA_N
ClientSampleId :
E28N8MSD



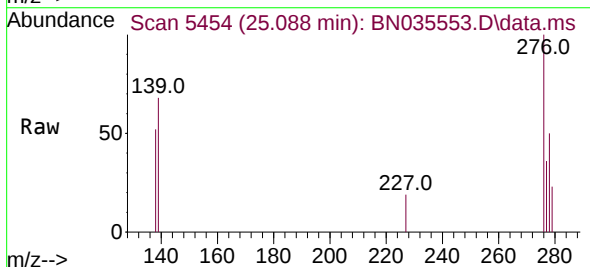
Tgt Ion:252 Resp: 961
Ion Ratio Lower Upper
252 100
253 59.3 22.9 34.3#
125 193.1 9.4 14.2#

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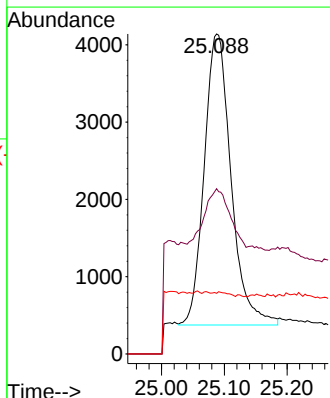
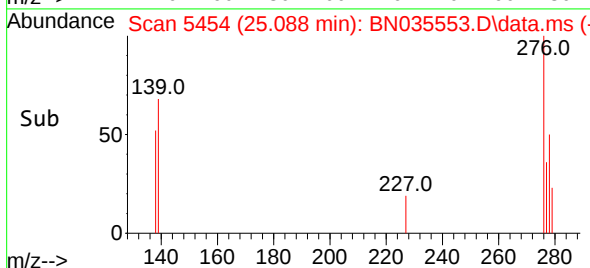
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

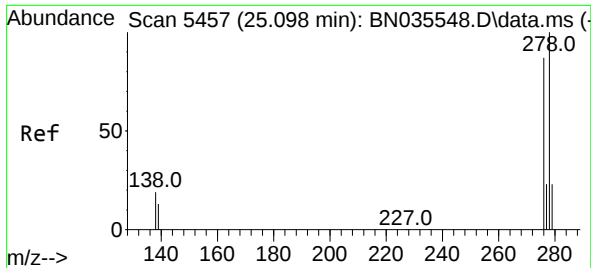


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.343 ng/ul m
RT: 25.088 min Scan# 5454
Delta R.T. 0.007 min
Lab File: BN035553.D
Acq: 11 Dec 2024 04:42



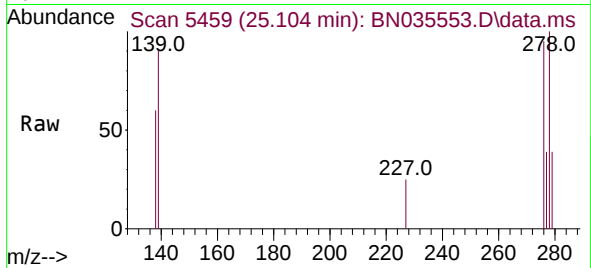
Tgt Ion:276 Resp: 11177
Ion Ratio Lower Upper
276 100
138 213.0 13.8 20.8#
227 0.0 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.307 ng/ul m
RT: 25.104 min Scan# 5457
Delta R.T. 0.003 min
Lab File: BN035553.D
Acq: 11 Dec 2024 04:42

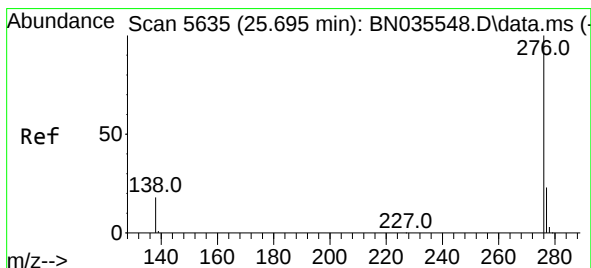
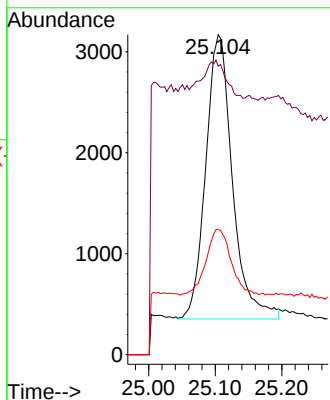
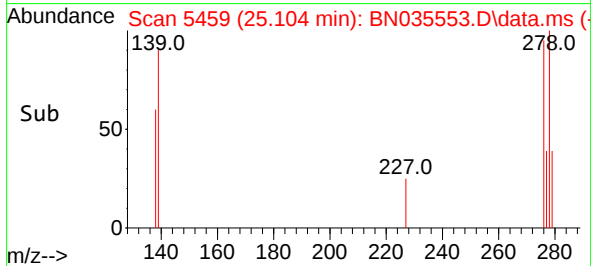
Instrument :
BNA_N
ClientSampleId :
E28N8MSD



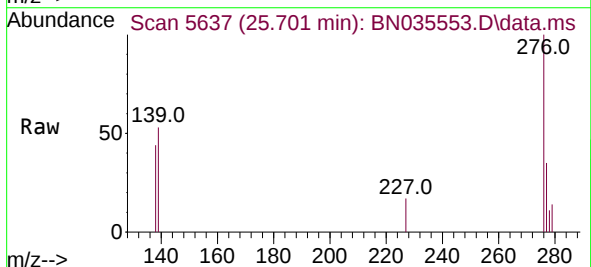
Tgt Ion:278 Resp: 785
Ion Ratio Lower Upper
278 100
139 90.2 10.7 16.1#
279 39.1 22.8 34.2#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.375 ng/ul
RT: 25.701 min Scan# 5637
Delta R.T. 0.010 min
Lab File: BN035553.D
Acq: 11 Dec 2024 04:42



Tgt Ion:276 Resp: 9634
Ion Ratio Lower Upper
276 100
138 44.0 13.0 19.6#
277 35.2 20.5 30.7#

