

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035639.D
 Acq On : 17 Dec 2024 05:00
 Operator : RC/JU
 Sample : P5232-22MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28S7MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 17 05:23:19 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	7.284	152	2593	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	7795	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5206	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	11125	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240	9118	0.400	ng/ul	0.00
23) Perylene-d12	23.045	264	10444	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	802	0.349	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	4832	0.435	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	13462	0.505	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.985	88	2184	0.941	ng/ul#	84
5) Naphthalene	10.081	128	11012	0.576	ng/ul	98
7) 2-Methylnaphthalene	11.708	142	8854	0.688	ng/ul	99
8) 1-Methylnaphthalene	11.934	142	8097	0.607	ng/ul	100
10) Acenaphthylene	13.657	152	17699	0.877	ng/ul	98
11) Acenaphthene	14.009	153	7765	0.509	ng/ul	99
12) Fluorene	15.013	166	9302	0.524	ng/ul	98
14) Pentachlorophenol	16.375	266	3179	1.115	ng/ul	99
15) Phenanthrene	16.755	178	51664	1.856	ng/ul	98
16) Anthracene	16.844	178	22732	0.873	ng/ul	100
19) Fluoranthene	18.795	202	142506	4.370	ng/ul	99
20) Pyrene	19.163	202	116500	3.243	ng/ul	99
21) Benzo(a)anthracene	20.944	228	57515	1.902	ng/ul	96
22) Chrysene	20.996	228	75791	2.415	ng/ul	98
24) Benzo(b)fluoranthene	22.437	252	99369	3.229	ng/ul	87
25) Benzo(k)fluoranthene	22.475	252	41931	1.232	ng/ul#	92
26) Benzo(a)pyrene	22.954	252	59710	2.003	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.074	276	58301	1.607	ng/ul#	64
28) Dibenzo(a,h)anthracene	25.091	278	22534m	0.813	ng/ul	
29) Benzo(g,h,i)perylene	25.691	276	52961	1.819	ng/ul#	92

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

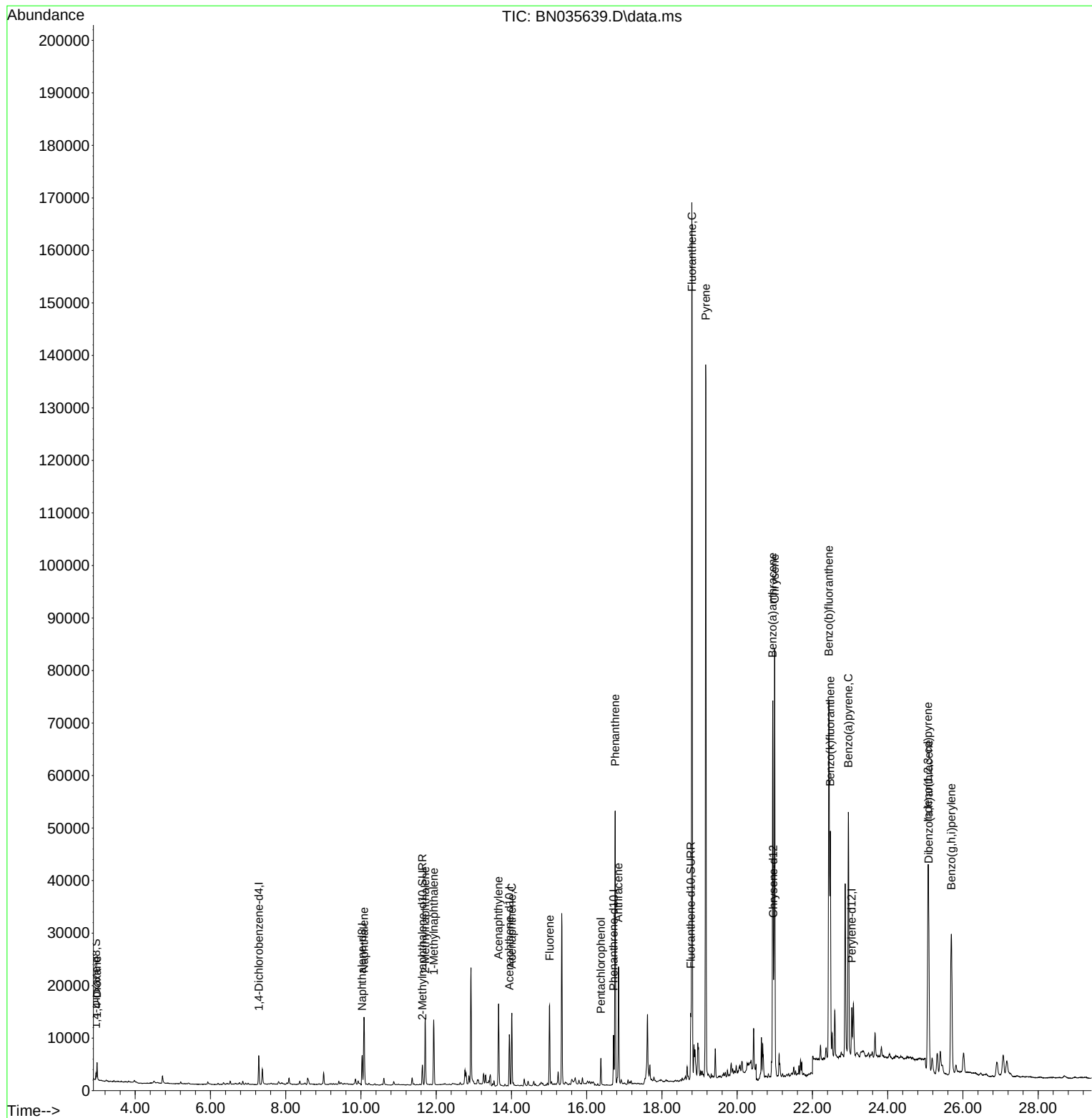
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035639.D
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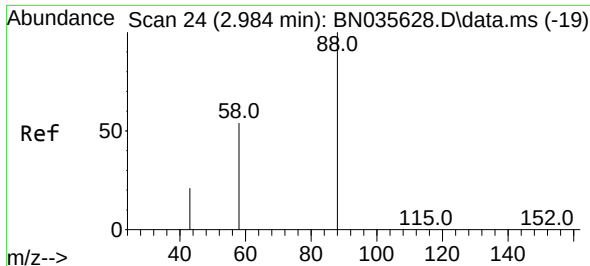
Instrument :
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Quant Time: Dec 17 05:23:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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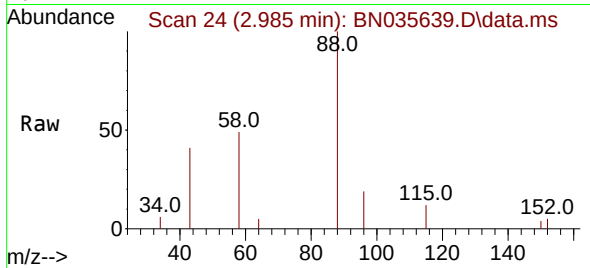
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024





#2
1,4-Dioxane
Concen: 0.941 ng/ul
RT: 2.985 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN035639.D
Acq: 17 Dec 2024 05:00

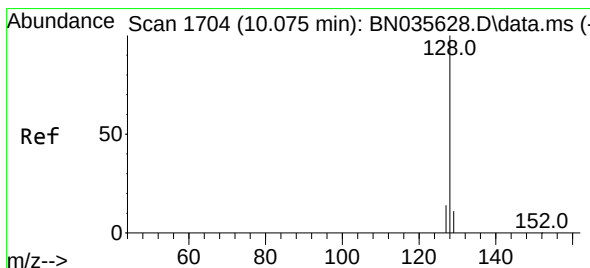
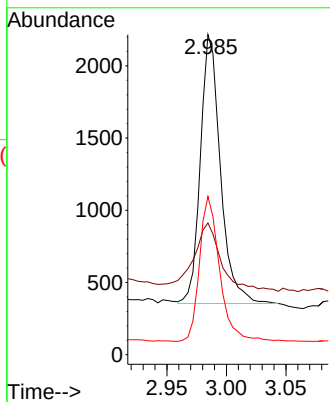
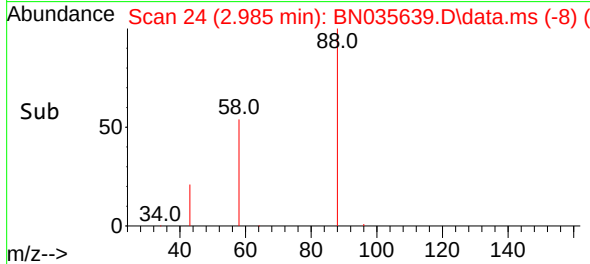
Instrument :
BNA_N
ClientSampleId :
E28S7MSD



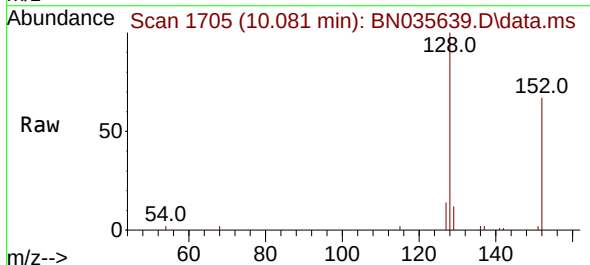
Tgt Ion: 88 Resp: 2184
Ion Ratio Lower Upper
88 100
43 41.2 39.4 59.2
58 49.5 29.8 44.6

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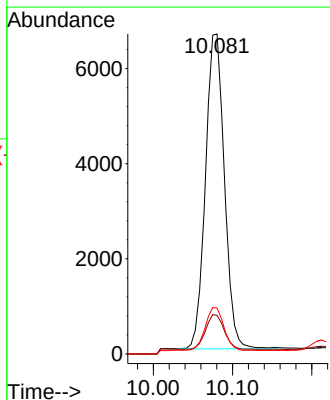
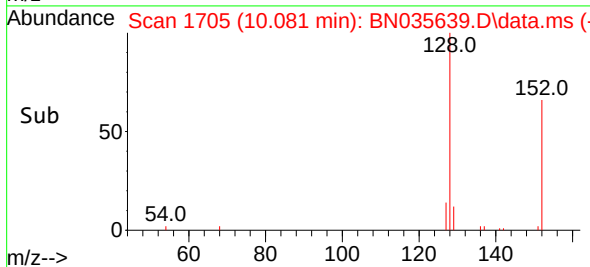
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

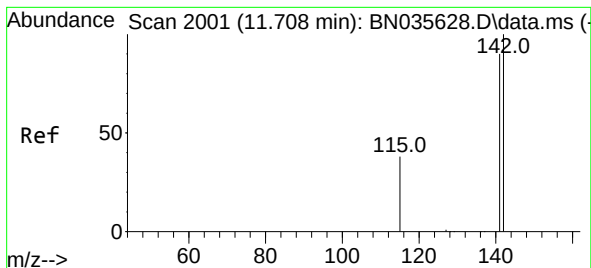


#5
Naphthalene
Concen: 0.576 ng/ul
RT: 10.081 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BN035639.D
Acq: 17 Dec 2024 05:00



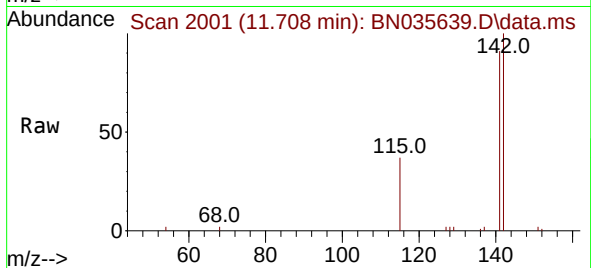
Tgt Ion:128 Resp: 11012
Ion Ratio Lower Upper
128 100
129 12.1 10.8 16.2
127 14.4 12.0 18.0





#7
2-Methylnaphthalene
Concen: 0.688 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035639.D
Acq: 17 Dec 2024 05:00

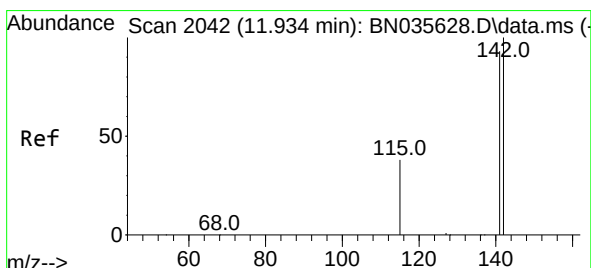
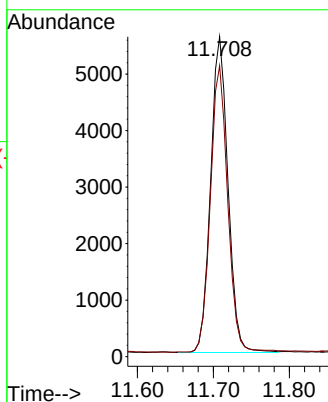
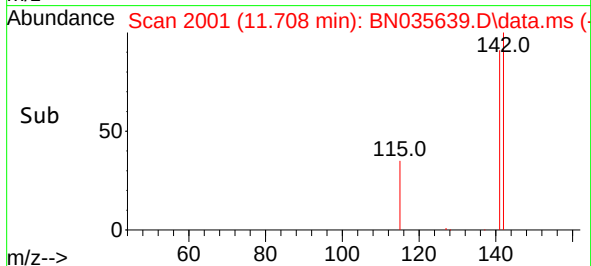
Instrument :
BNA_N
ClientSampleId :
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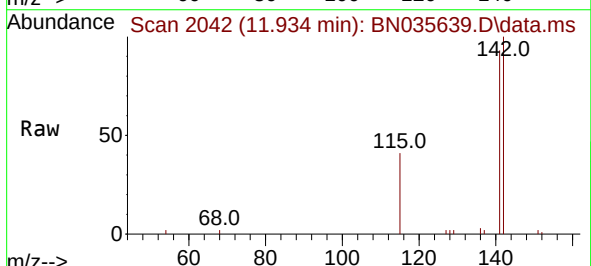
Tgt Ion:142 Resp: 8854
Ion Ratio Lower Upper
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141 90.2 72.8 109.2

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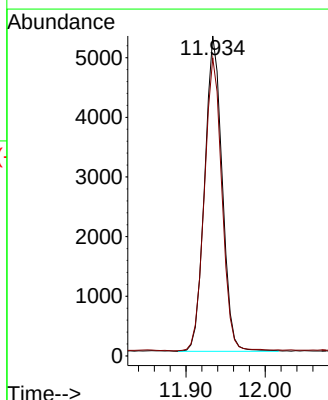
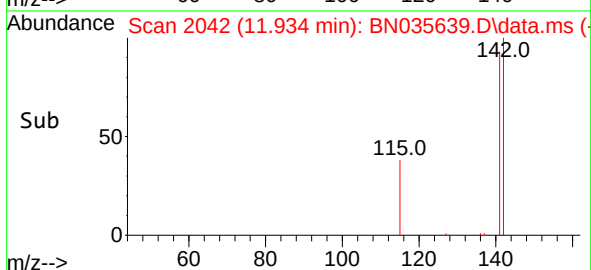
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

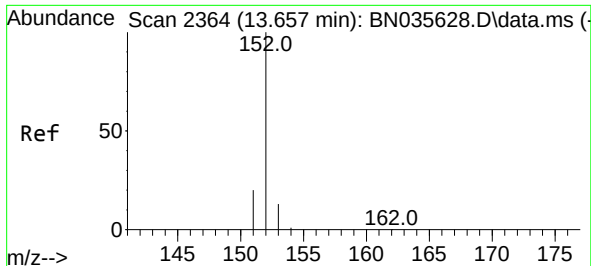


#8
1-Methylnaphthalene
Concen: 0.607 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035639.D
Acq: 17 Dec 2024 05:00



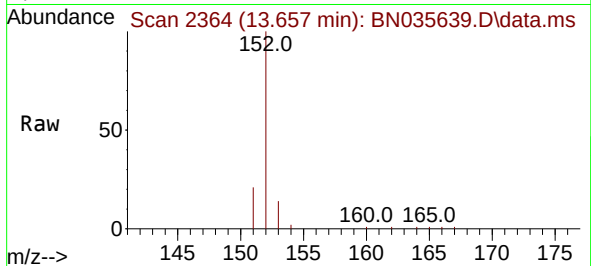
Tgt Ion:142 Resp: 8097
Ion Ratio Lower Upper
142 100
141 93.4 74.7 112.1





#10
Acenaphthylene
Concen: 0.877 ng/ul
RT: 13.657 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN035639.D
Acq: 17 Dec 2024 05:00

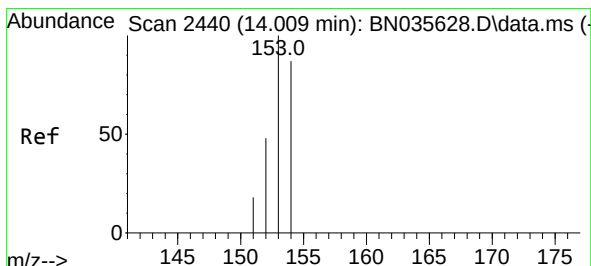
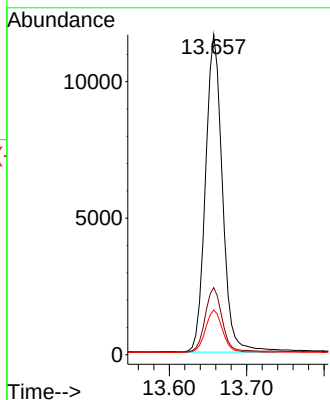
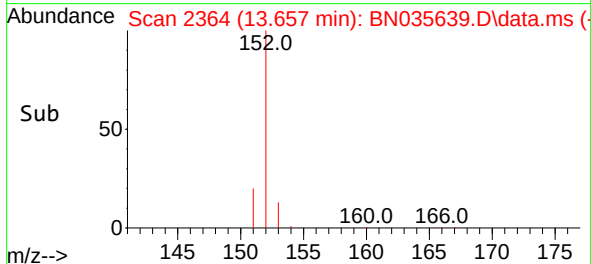
Instrument :
BNA_N
ClientSampleId :
E28S7MSD



Tgt Ion:152 Resp: 17699
Ion Ratio Lower Upper
152 100
151 20.9 17.6 26.4
153 14.0 11.4 17.2

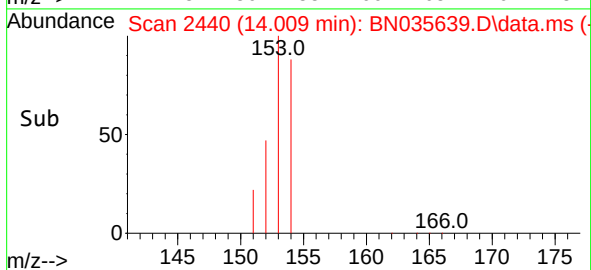
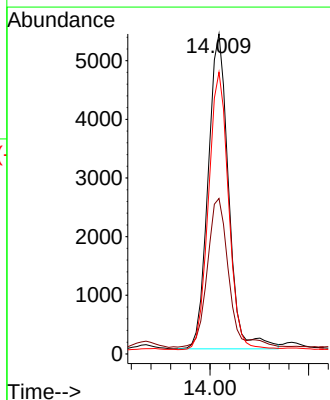
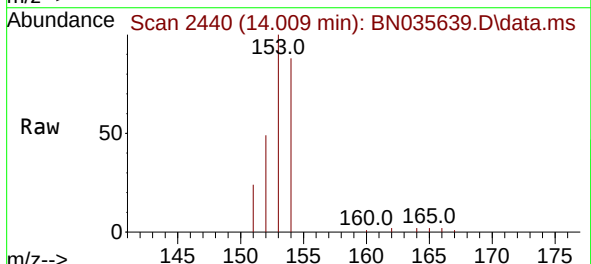
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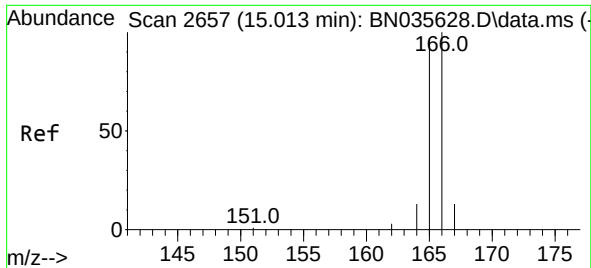
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#11
Acenaphthene
Concen: 0.509 ng/ul
RT: 14.009 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN035639.D
Acq: 17 Dec 2024 05:00

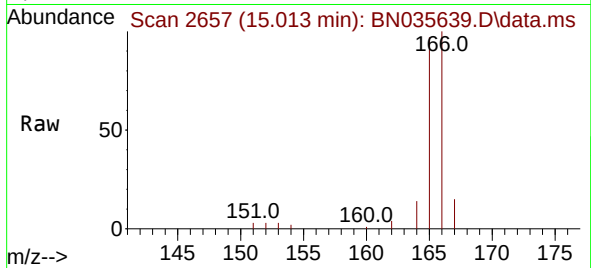
Tgt Ion:153 Resp: 7765
Ion Ratio Lower Upper
153 100
152 48.6 39.8 59.6
154 88.0 69.8 104.8





#12
 Fluorene
 Concen: 0.524 ng/ul
 RT: 15.013 min Scan# 2657
 Delta R.T. 0.000 min
 Lab File: BN035639.D
 Acq: 17 Dec 2024 05:00

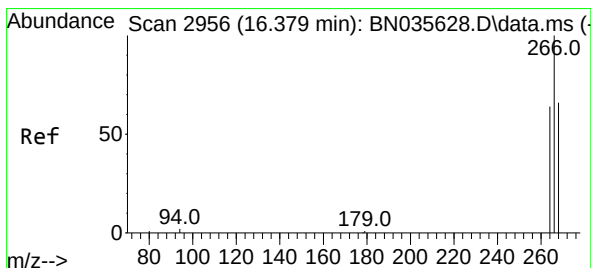
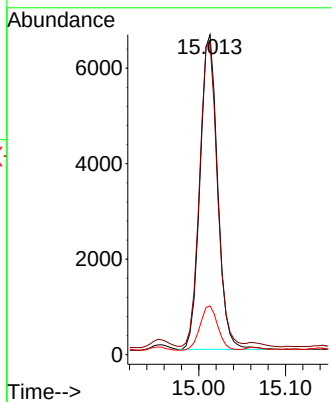
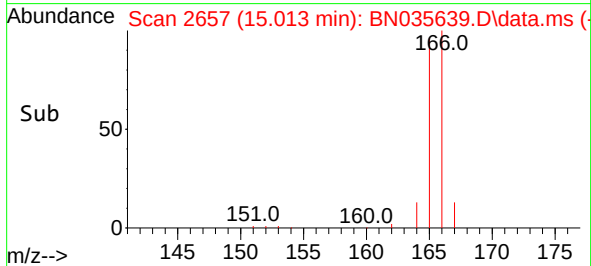
Instrument :
 BNA_N
 ClientSampleId :
 E28S7MSD



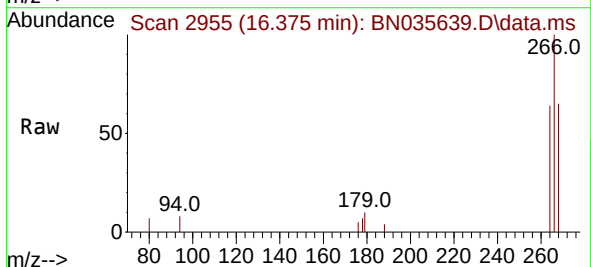
Tgt Ion:166 Resp: 930
 Ion Ratio Lower Upper
 166 100
 165 97.4 79.5 119.3
 167 15.2 11.8 17.8

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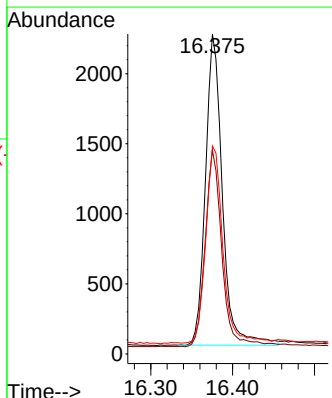
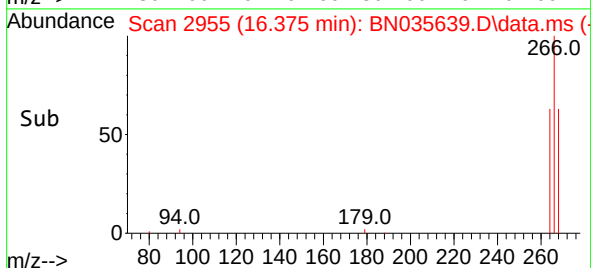
Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/21/2024

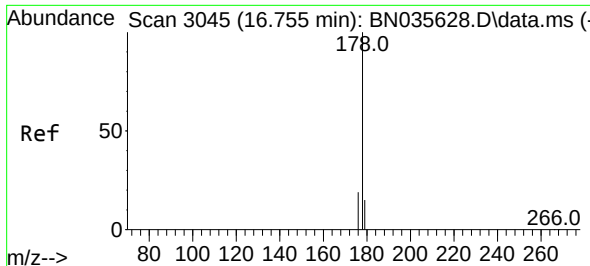


#14
 Pentachlorophenol
 Concen: 1.115 ng/ul
 RT: 16.375 min Scan# 2955
 Delta R.T. -0.004 min
 Lab File: BN035639.D
 Acq: 17 Dec 2024 05:00



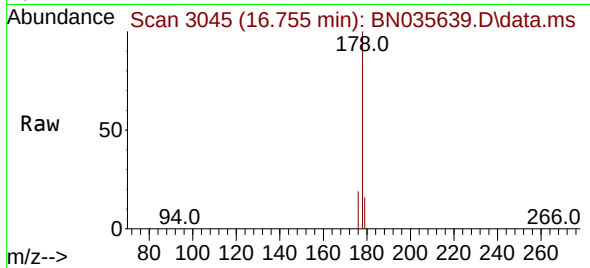
Tgt Ion:266 Resp: 3179
 Ion Ratio Lower Upper
 266 100
 264 62.6 49.9 74.9
 268 64.4 52.8 79.2





#15
Phenanthrene
Concen: 1.856 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035639.D
Acq: 17 Dec 2024 05:00

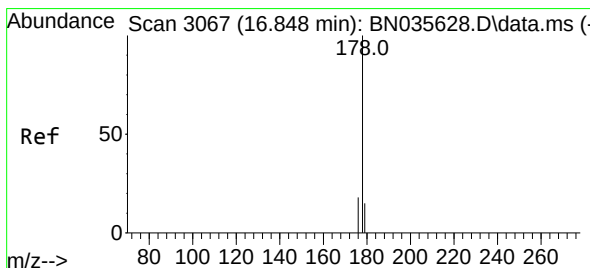
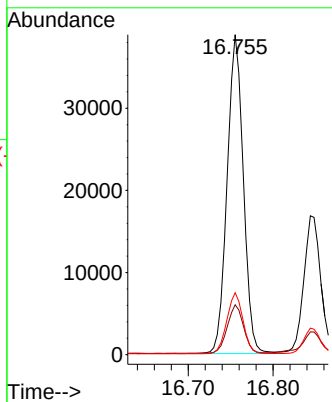
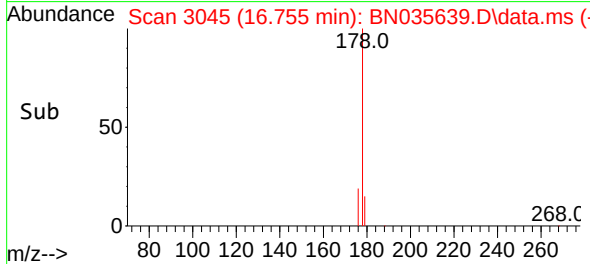
Instrument :
BNA_N
ClientSampleId :
E28S7MSD



Tgt Ion:178 Resp: 51664
Ion Ratio Lower Upper
178 100
179 15.6 13.3 19.9
176 19.4 15.8 23.8

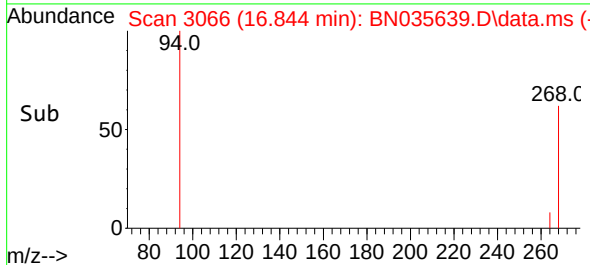
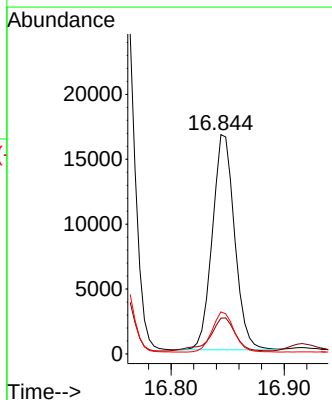
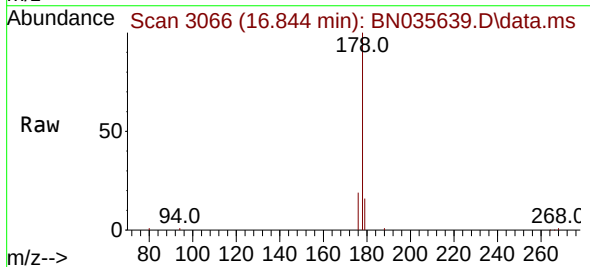
Manual Integrations
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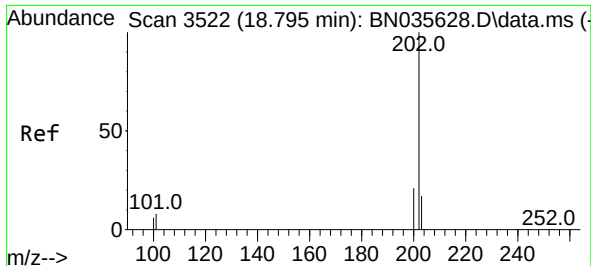
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#16
Anthracene
Concen: 0.873 ng/ul
RT: 16.844 min Scan# 3066
Delta R.T. -0.004 min
Lab File: BN035639.D
Acq: 17 Dec 2024 05:00

Tgt Ion:178 Resp: 22732
Ion Ratio Lower Upper
178 100
179 16.3 13.4 20.0
176 19.1 15.4 23.0





#19

Fluoranthene

Concen: 4.370 ng/ul

RT: 18.795 min Scan# 3522

Delta R.T. -0.004 min

Lab File: BN035639.D

Acq: 17 Dec 2024 05:00

Instrument :

BNA_N

ClientSampleId :

E28S7MSD

Tgt Ion:202 Resp: 142500

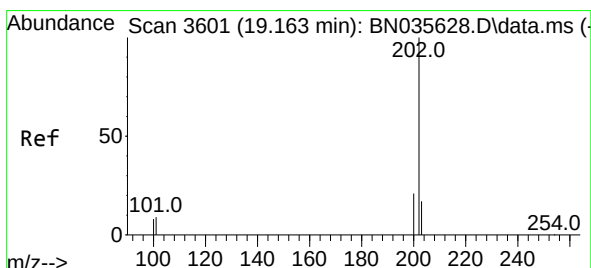
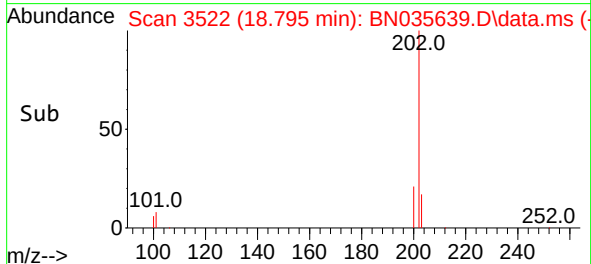
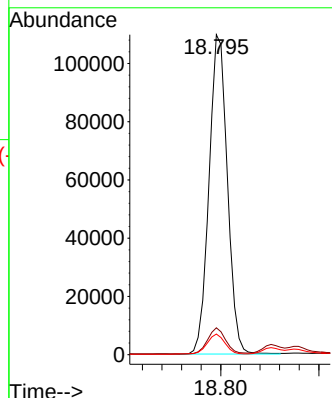
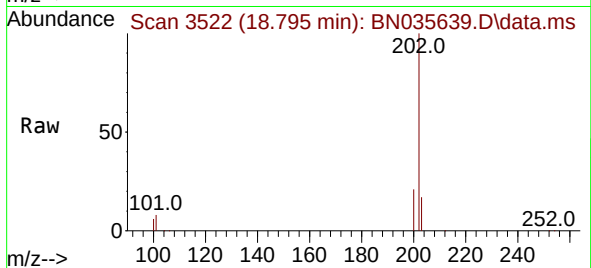
Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.3	10.9
100	6.4	5.4	8.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/18/2024

Supervised By :mohammad ahmed 12/21/2024



#20

Pyrene

Concen: 3.243 ng/ul

RT: 19.163 min Scan# 3601

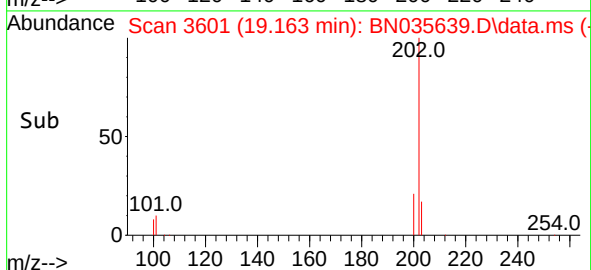
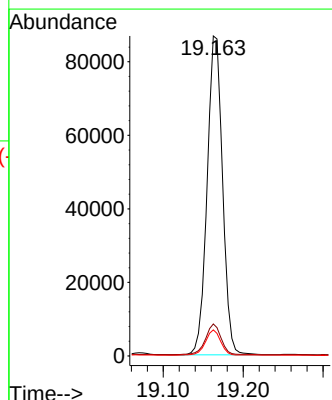
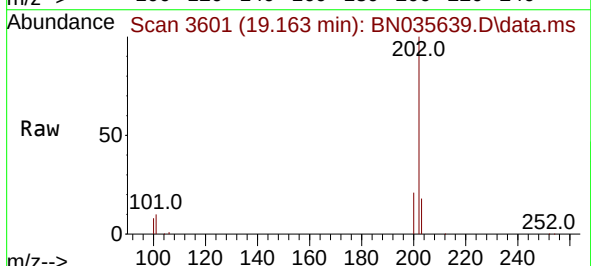
Delta R.T. -0.004 min

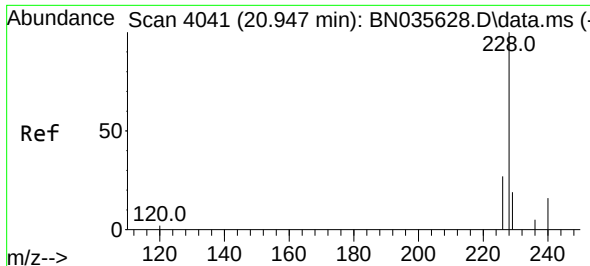
Lab File: BN035639.D

Acq: 17 Dec 2024 05:00

Tgt Ion:202 Resp: 116500

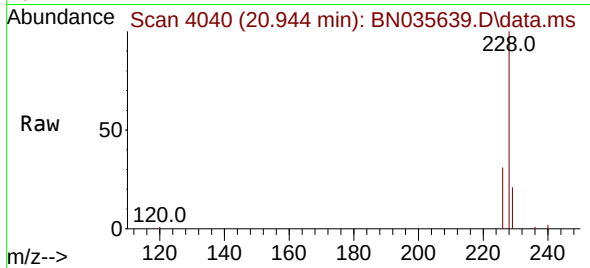
Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.5	12.7
100	8.1	6.5	9.7





#21
Benzo(a)anthracene
Concen: 1.902 ng/u1
RT: 20.944 min Scan# 4041
Delta R.T. -0.006 min
Lab File: BN035639.D
Acq: 17 Dec 2024 05:00

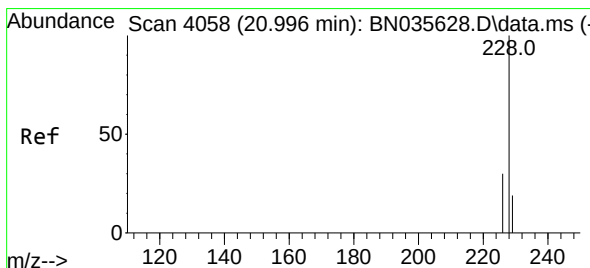
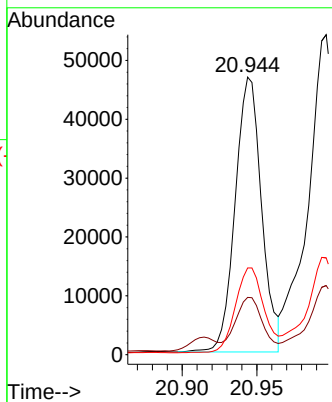
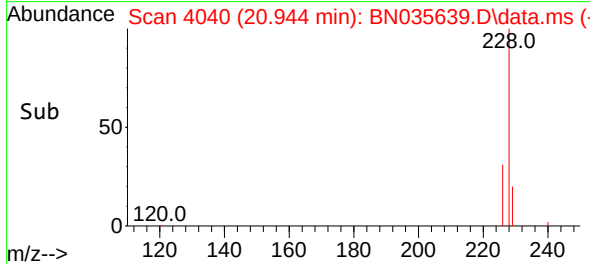
Instrument :
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ClientSampleId :
E28S7MSD



Tgt Ion:228 Resp: 57515
Ion Ratio Lower Upper
228 100
229 20.6 16.6 25.0
226 31.3 22.5 33.7

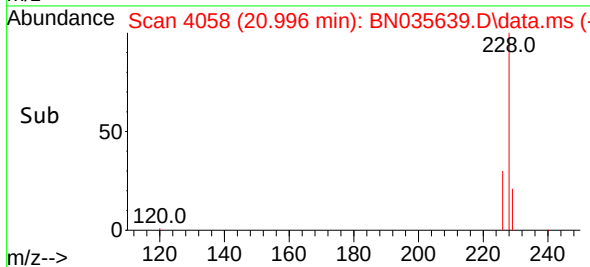
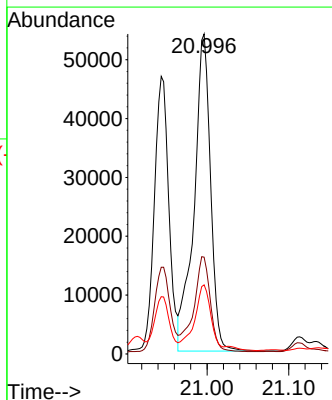
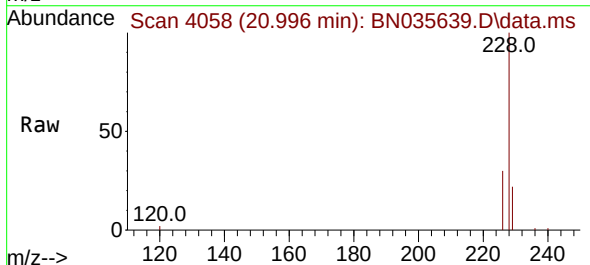
Manual Integrations
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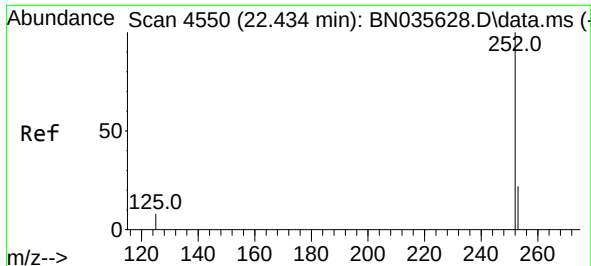
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#22
Chrysene
Concen: 2.415 ng/u1
RT: 20.996 min Scan# 4058
Delta R.T. -0.003 min
Lab File: BN035639.D
Acq: 17 Dec 2024 05:00

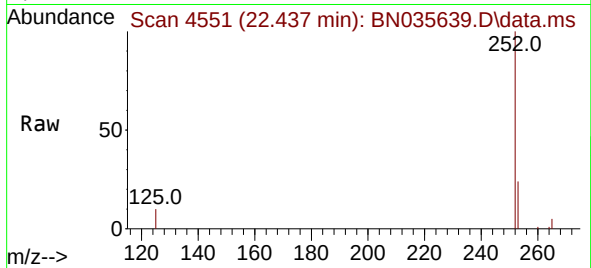
Tgt Ion:228 Resp: 75791
Ion Ratio Lower Upper
228 100
226 30.3 25.1 37.7
229 21.6 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 3.229 ng/ul
RT: 22.437 min Scan# 4551
Delta R.T. -0.006 min
Lab File: BN035639.D
Acq: 17 Dec 2024 05:00

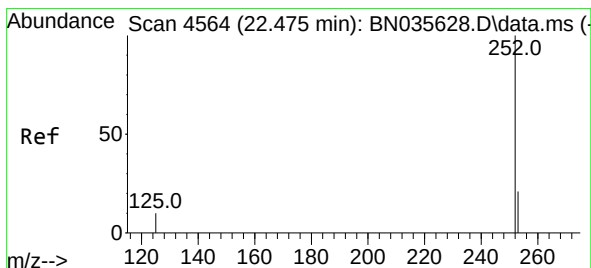
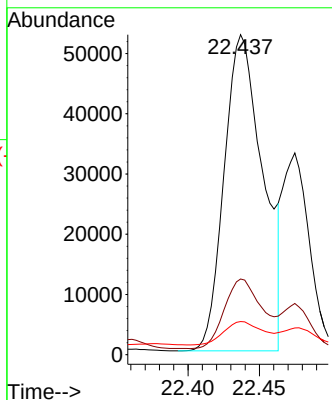
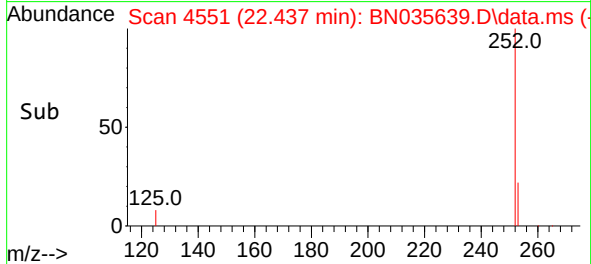
Instrument :
BNA_N
ClientSampleId :
E28S7MSD



Tgt Ion:252 Resp: 99369
Ion Ratio Lower Upper
252 100
253 23.7 0.0 56.4
125 10.4 0.0 37.6

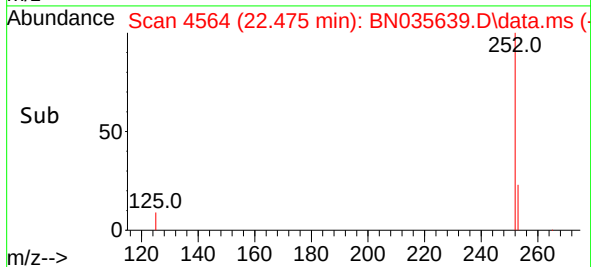
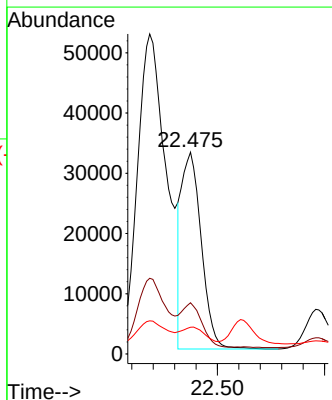
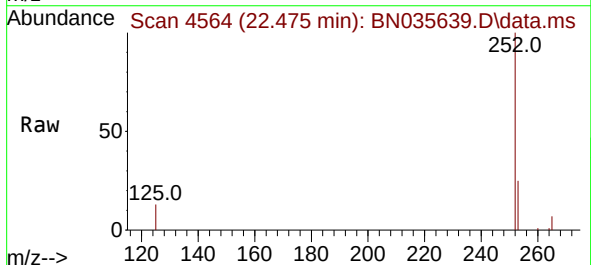
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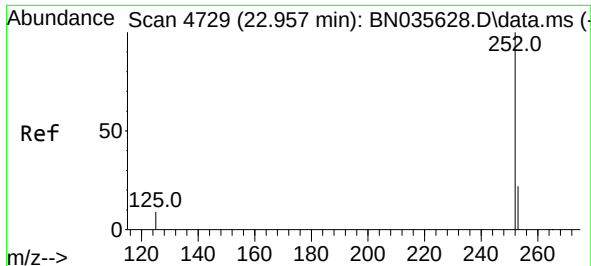
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#25
Benzo(k)fluoranthene
Concen: 1.232 ng/ul
RT: 22.475 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035639.D
Acq: 17 Dec 2024 05:00

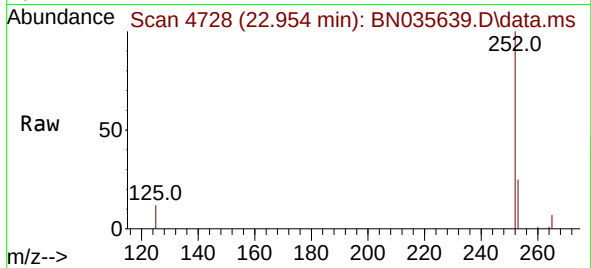
Tgt Ion:252 Resp: 41931
Ion Ratio Lower Upper
252 100
253 25.3 22.1 33.1
125 13.2 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 2.003 ng/ul
RT: 22.954 min Scan# 4728
Delta R.T. -0.009 min
Lab File: BN035639.D
Acq: 17 Dec 2024 05:00

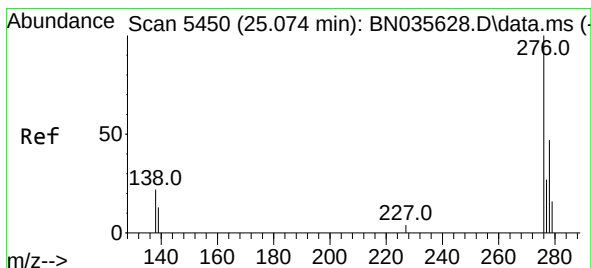
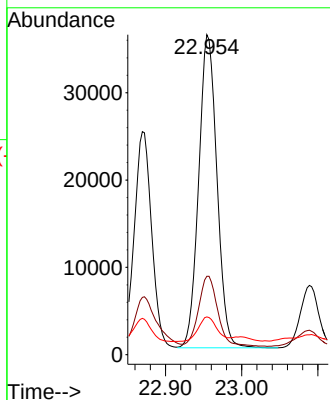
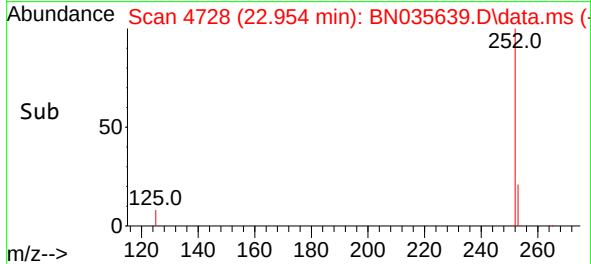
Instrument :
BNA_N
ClientSampleId :
E28S7MSD



Tgt Ion:252 Resp: 59710
Ion Ratio Lower Upper
252 100
253 24.5 24.1 36.1
125 11.8 19.1 28.7

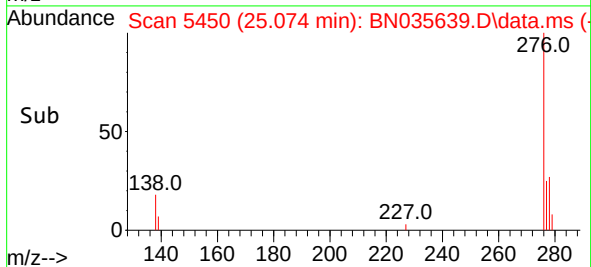
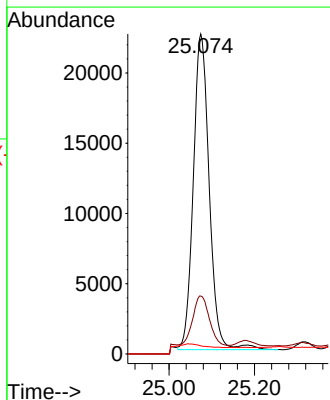
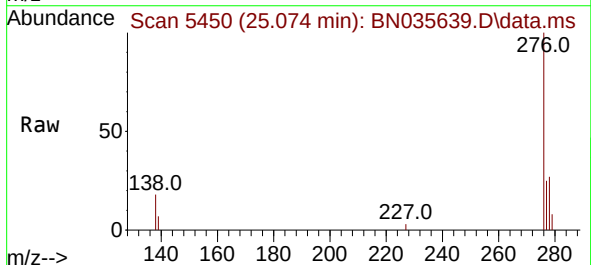
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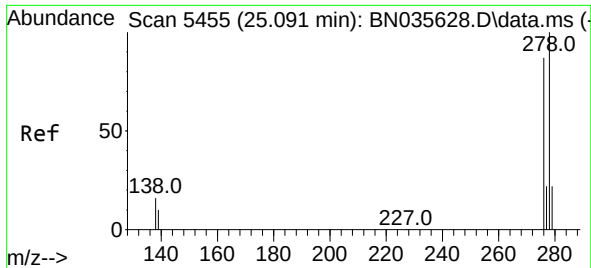
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.607 ng/ul
RT: 25.074 min Scan# 5450
Delta R.T. -0.007 min
Lab File: BN035639.D
Acq: 17 Dec 2024 05:00

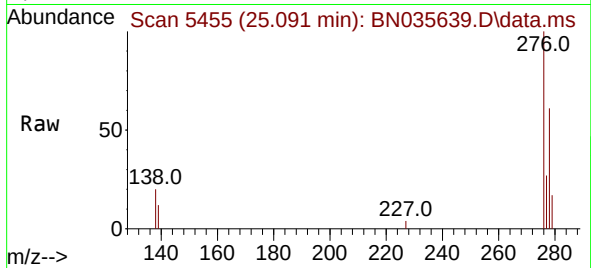
Tgt Ion:276 Resp: 58301
Ion Ratio Lower Upper
276 100
138 24.1 14.7 22.1#
227 0.0 21.6 32.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.813 ng/ul m
RT: 25.091 min Scan# 5455
Delta R.T. -0.010 min
Lab File: BN035639.D
Acq: 17 Dec 2024 05:00

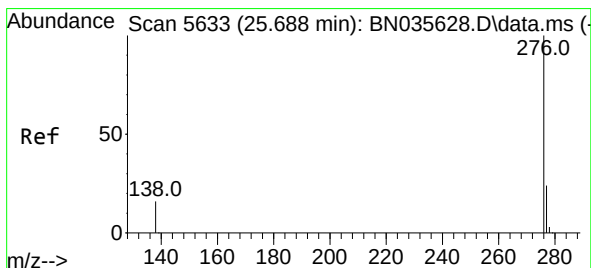
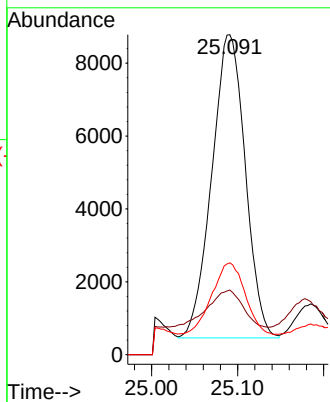
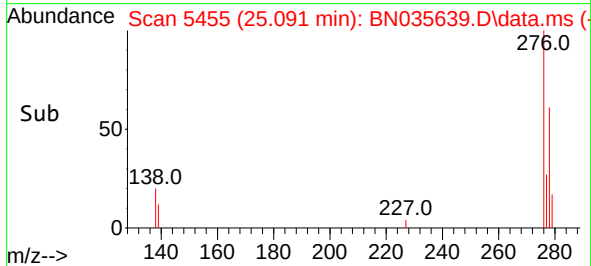
Instrument :
BNA_N
ClientSampleId :
E28S7MSD



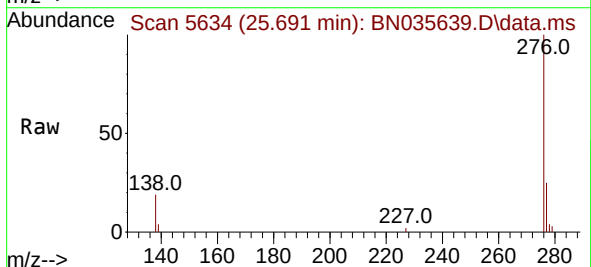
Tgt Ion:278 Resp: 22534
Ion Ratio Lower Upper
278 100
139 20.2 19.8 29.8
279 28.7 24.0 36.0

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Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#29
Benzo(g,h,i)perylene
Concen: 1.819 ng/ul
RT: 25.691 min Scan# 5634
Delta R.T. -0.007 min
Lab File: BN035639.D
Acq: 17 Dec 2024 05:00



Tgt Ion:276 Resp: 52961
Ion Ratio Lower Upper
276 100
138 18.9 19.6 29.4#
277 24.7 21.6 32.4

